13332 - A SNAP Survey of the Local Interstellar Medium: New NUV Observations of Stars with Archived FUV Observations

Cycle: 21, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) HD201091	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:11:16.0	yes
02	(2) HD10700	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:11:22.0	yes
03	(3) HD33793	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:11:26.0	yes
04	(4) BD+20D2465	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:11:30.0	yes
05	(5) BD-15D6290	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:11:34.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
06	(6) BD+43D4305	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:11:43.0	yes
07	(7) HD191408	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:11:47.0	yes
08	(8) HD23249	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:11:51.0	yes
09	(9) GJ436	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:11:54.0	yes
10	(10) HD17925	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:11:58.0	yes
11	(11) HD13445	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:02.0	yes
12	(12) DN-DRA	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:06.0	yes
13	(13) HD37394	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:10.0	yes
14	(14) GJ1214	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:14.0	yes
15	(15) HD9826	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:17.0	yes
16	(16) HD166	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:21.0	yes
17	(17) HD146233	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:25.0	yes
18	(18) HD340611	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:29.0	yes
19	(19) WD1134+300	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:33.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
20	(20) WD0644+376	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:37.0	yes
21	(21) HD43162	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:41.0	yes
22	(22) HD165185	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:45.0	yes
23	(23) HD82443	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:48.0	yes
24	(24) HD82558	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:52.0	yes
25	(25) HD189733	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:12:56.0	yes
26	(26) HD203244	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:00.0	yes
27	(27) WD2039-202	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:03.0	yes
28	(28) HD59967	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:07.0	yes
29	(29) HD116956	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:11.0	yes
30	(30) HD1405	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:15.0	yes
31	(31) HD199288	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:18.0	yes
32	(32) HD106516	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:22.0	yes
33	(33) GJ9124	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:26.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
34	(34) HD73350	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:29.0	yes
35	(35) HD128987	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:33.0	yes
36	(36) HD33959C	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:37.0	yes
37	(37) WD0227+050	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:40.0	yes
38	(38) WD2149+021	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:44.0	yes
39	(39) HD129333	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:47.0	yes
40	(40) CE-ANT	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:51.0	yes
41	(41) CD-34D7390	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:55.0	yes
42	(42) HD26462	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:13:58.0	yes
43	(43) WD0859-039	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:02.0	yes
44	(44) HD283654	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:05.0	yes
45	(45) HD24357	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:09.0	yes
46	(46) HD27786	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:13.0	yes
47	(47) HD83443	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:16.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
48	(48) HD197890	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:20.0	yes
49	(49) HD25825	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:23.0	yes
50	(50) CD-29D8887	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:27.0	yes
51	(51) BD+16D516	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:31.0	yes
52	(52) HD209458	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:34.0	yes
53	(53) HD27901	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:38.0	yes
54	(54) WD2111+498	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:42.0	yes
55	(55) WD2211-495	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:47.0	yes
56	(56) HD32008	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:50.0	yes
57	(57) CD-34D7151	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:54.0	yes
58	(58) WD0050-332	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:14:58.0	yes
59	(59) WD1914-598	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:02.0	yes
60	(60) HD240764	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:06.0	yes
61	(61) WD1631+781	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:09.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
62	(62) WD2309+105	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:13.0	yes
63	(63) HD319139	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:17.0	yes
64	(64) WD0232+035	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:21.0	yes
65	(65) HD89758	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:24.0	yes
66	(66) HD7672	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:28.0	yes
67	(67) HD188112	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:32.0	yes
68	(68) HD217411	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:35.0	yes
69	(69) BD+28D4211	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:39.0	yes
70	(70) HD160365	STIS/CCD STIS/NUV-MAMA	1	02-Oct-2013 21:15:43.0	yes

70 Total Orbits Used

ABSTRACT

We propose to obtain high-resolution STIS E230H SNAP observations of MgII and FeII interstellar absorption lines toward stars within 100 parsecs that already have moderate or high-resolution far-UV (FUV), 900-1700 A, observations available in the MAST Archive. Fundamental properties, such as temperature, turbulence, ionization, abundances, and depletions of gas in the local interstellar medium (LISM) can be measured by coupling such observations. Due to the wide spectral range of STIS, observations to study nearby stars also contain important data about the LISM embedded within their spectra. However, unlocking this information from the intrinsically broad and often saturated FUV absorption lines of low-mass ions, (DI, CII, NI, OI), requires first understanding the kinematic structure of the gas along the line of sight. This can be achieved with high resolution spectra of high-mass ions, (FeII, MgII), which have narrow absorption lines, and can resolve each individual velocity component (interstellar cloud).

Obtaining short (~10 minute) E230H observations of FeII and MgII, for stars that already have moderate or high-resolution FUV spectra, will increase the sample of LISM specta, and enable new measurements of the physical properties of the gas in our galactic neighborhood. This proposal builds on a similar SNAP program implemented in Cycle 17 which acquired 36 new observations of the LISM and demonstrated the high scientific return from such short observations. STIS is the only instrument capable of obtaining the required high resolution UV spectra now or in the foreseeable future.

OBSERVING DESCRIPTION

To take advantage of the short wavelength (900-1700 A) moderate or high-resolution observations of nearby stars in the MAST Archive, we propose to obtain high-resolution STIS observations of Fe II and Mg II. These requested observations will provide LISM measurements of heavy ions that can be used to determine the kinematic structure of the line of sight, which can then be applied to the analysis of the broad, low-mass ions in the short wavelength region, even at moderate resolution. Because the requested observations are typically very short, less than 1 orbit of HST time, and we require more observed lines of sight to understand the physical and morphological structure of the LISM, regardless of direction, we propose to observe these targets as a SNAP survey.

The observations will be taken with the E230H high resolution echelle, centered at 2713 A, which includes two Fe II lines at 2586 and 2600 A and the Mg II doublet at 2796 and 2803 A. To keep the instrument overhead as low as possible, we will observe through the 0.2X0.2 arcsecond slit, as recommended by STScI. No peak-up is required with this slit. Although the target may not be well centered, and the absolute wavelength scale compromised, it is the relative velocity scale that is really needed to resolve individual cloud components and measure the small differences in projected velocity. The FUV observations already in the MAST Archive were typically taken with a peak-up to center the target, and therefore have a very precise absolute wavelength scale, which we can apply to the NUV observations to calibrate the absolute wavelength scale. For each observation the preparation time is only 20 minutes: 6 minutes for the initial guide-star acquisition, 6 minutes for the target acquisition, and 8 minutes for the first spectroscopic MAMA exposure overhead. Because the maximum SNAP exposure time is 45 minutes, this leaves a maximum of 25 minutes for on-target exposure time. This is typically more than enough time to get a spectrum with a signal-to-noise (S/N) ratio >10.

We have selected three typical targets from our survey sample and included them in the Observations Summary: TW Hya, a nearby K6-type T Tauri star only 53.7 pc away, HD106516, an F5-type dwarf at 22.6 pc, and HD203244, a G5V star 20.5 pc away. All three already have E140M moderate resolution (R = 45800) STIS spectra, which includes LISM absorption lines of DI, CII, NI, OI, AlII, SiII, and SiIII, but no heavy ions at high resolution to measure the kinematic structure. Therefore, the full scientific potential of using these lines to measure fundamental physical parameters

of the LISM remains untapped. These three stars have E230M observations, which have a resolution of R = 30000, which is much less than is required to disentangle the kinematic structure along the line of sight. Using the E230M observations, we can accurately calculate the exposure time needed to obtain a S/N > 10, at the location of the FeII absorption lines and the MgIIdoublet. TW Hya requires an exposure time of only 7 minutes, HD106516 requires an exposure time of 8 minutes, and HD203244 requires an exposure time of 20 minutes. The exposure times for all 70 targets are less than the maximum available time of 25 minutes; and typically an E230H exposure of only 10 minutes is needed to reach the minimum S/N required to make an entire new line of sight through the LISM available for detailed study. Most targets (WDs and early type stars) have IUE spectra for accurate exposure time calculations. For late type stars the spectra are dominated by emission lines, which are estimated by scaling by the X-ray luminosity (Ayres 1995) and using integrated MgII fluxes from similar stars (Wood et al. 2005).

The analysis procedure involves estimating the "continuum", and adding the fewest Voigt absorption profiles required for a successful fit. Our sample includes all spectral types, although the majority of targets are late-type stars. Early-type stars (typically rapid rotators) and white dwarfs have relatively smooth continua and broad stellar lines, making the continuum placement and LISM absorption line identification straightforward. Late-type stars do not have strong UV continua, but instead, we are able to measure the LISM absorption against strong emission lines, such as Mg II. In these cases, stars with low vsini do not present a problem in identifying the LISM absorption lines, because the stellar lines are in emission. Although we do not anticipate difficulties in analyzing the LISM absorption in stars in our sample, each individual spectra will require careful inspection in order to evaluate the possibility of stellar line contamination and the accuracy of the continuum placement.

Visit

Proposal 13332, Visit 01, implementation Thu Oct 03 01:15:53 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 01)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

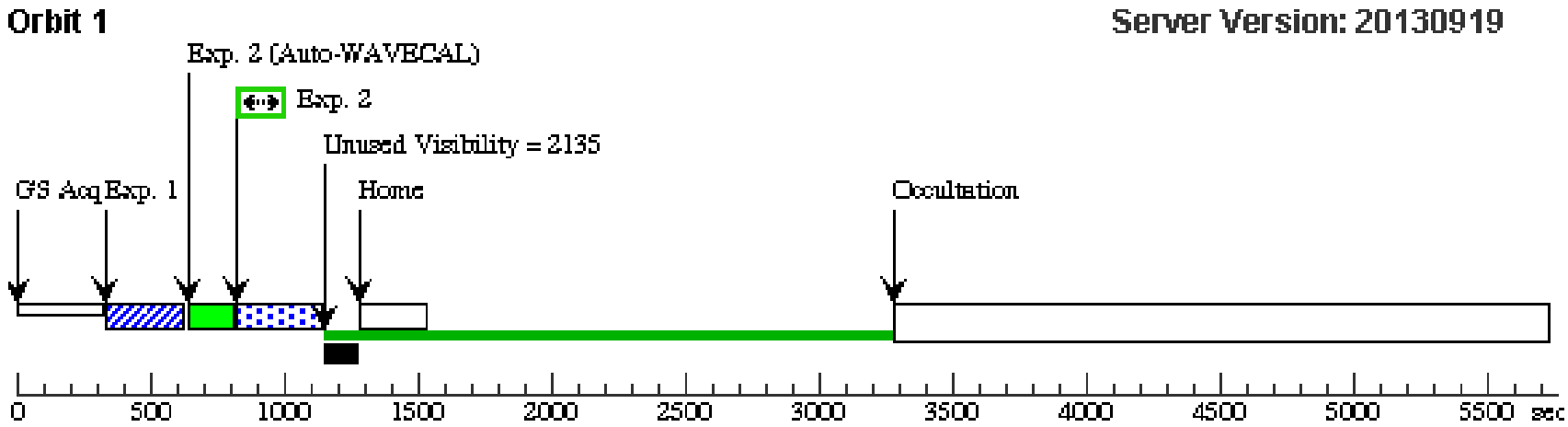
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	HD201091	RA: 21 06 53.9525 (316.7248021d)	Proper Motion RA: +0.3564 sec of time/yr	V=5.21	Reference Frame: ICRS
	Alt Name1: 61-CYG-A	Dec: +38 44 57.99 (38.74944d)	Proper Motion Dec: +3.269 arcsec/yr	TYPE=K5V,	
	Alt Name2: GJ820	Equinox: J2000	Parallax: 0.28682"	B-V=1.18,	
			Epoch of Position: 2000.0	E(B-V)=0	
			Radial Velocity: -65.72 km/sec		

Comments: IUE SPECTRUM: LWR12741
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) HD201091	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 179.3788 *Brightest pixel = 12,076.97 e*									
2		(1) HD201091	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 02, implementation Thu Oct 03 01:15:56 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 02)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

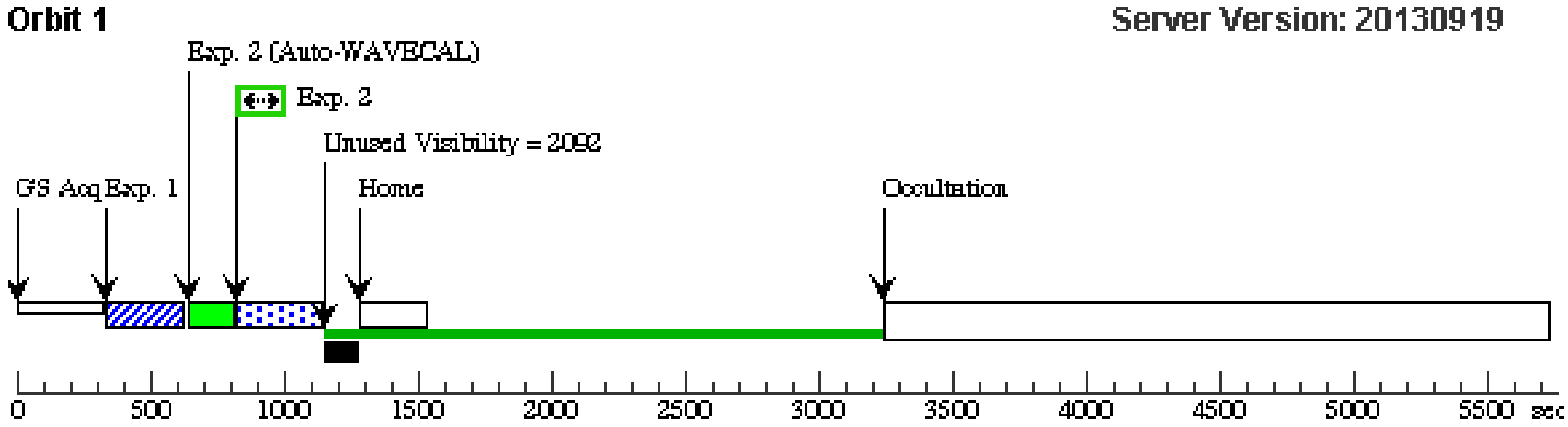
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	HD10700	RA: 01 44 5.1275 (26.0213646d)	Proper Motion RA: -0.1191 sec of time/yr	V=3.5+/-0.1	Reference Frame: ICRS
	Alt Name1: TAU-CET	Dec: -15 56 22.40 (-15.93956d)	Proper Motion Dec: +0.856 arcsec/yr	TYPE=G8V,	
	Alt Name2: HR509	Equinox: J2000	Parallax: 0.27417"	B-V=0.727,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: -16.4 km/sec	F-CONT(2713)=9.8e-12,	
				F-LINE(2796)=9.8e-11,	
				W-LINE(2796)=0.4	

Comments: IUE SPECTRUM: LWR04856
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(2) HD10700	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 339.4910 *Brightest pixel = 46,401.66 e*									
2		(2) HD10700	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 03, implementation Thu Oct 03 01:15:57 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 03)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	HD33793	RA: 05 11 40.5811 (77.9190879d)	Proper Motion RA: +0.6137 sec of time/yr	V=8.853	Reference Frame: ICRS
	Alt Name1: VZ-PIC	Dec: -45 01 6.29 (-45.01841d)	Proper Motion Dec: -5.73084 arcsec/yr	TYPE=sdM1.0,	
		Equinox: J2000	Parallax: 0.25566"	B-V=1.58,	
			Epoch of Position: 2000.0	E(B-V)=0	
			Radial Velocity: 245.5 km/sec		

Comments: IUE SPECTRUM: LWP09660
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. It is possible the high proper motion is the cause of this (although I did enable the proper motion calculator). Clearly the target star is the dominant object in the field of view.

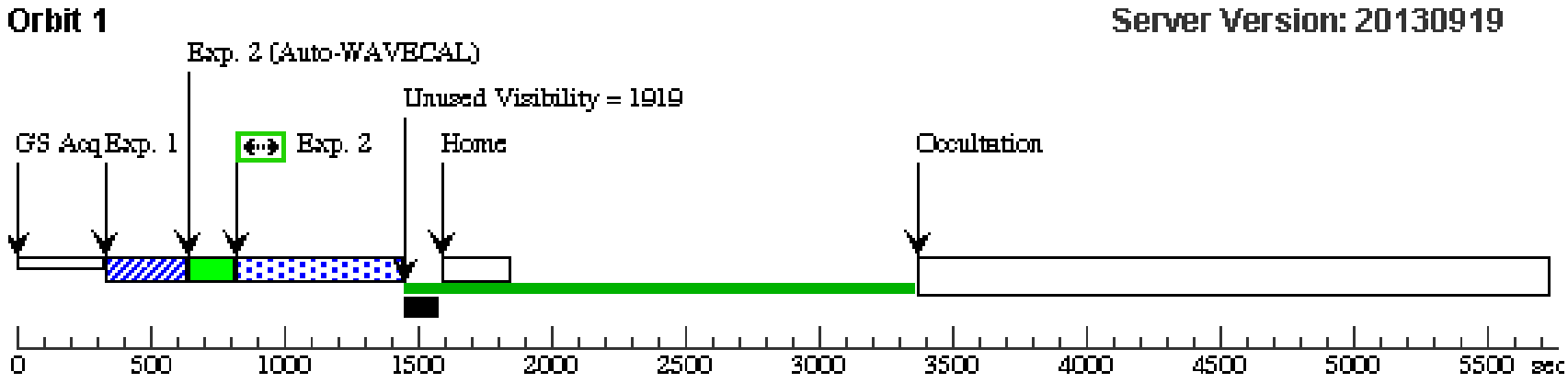
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(3) HD33793	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			1.7 Secs (1.7 Secs)	
								[==>]	***[1]***

Comments: SNR = 151.3796
Brightest pixel = 8,214.34 e

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
2		(3) HD33793	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 04, implementation Thu Oct 03 01:15:57 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 04)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

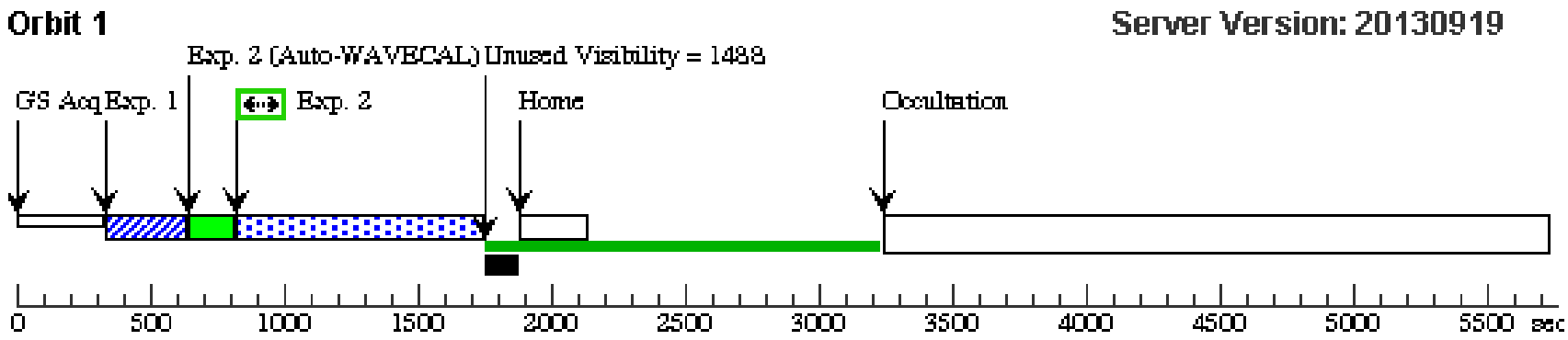
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	BD+20D2465 Alt Name1: AD-LEO Alt Name2: GSC01423-00174	RA: 10 19 36.2770 (154.9011542d) Dec: +19 52 12.06 (19.87002d) Equinox: J2000	Proper Motion RA: -0.0355 sec of time/yr Proper Motion Dec: -0.046 arcsec/yr Parallax: 0.213" Epoch of Position: 2000.00 Radial Velocity: +10.8 km/sec	V=9.43+/-0.4 TYPE=M3.5V, B-V=1.54, E(B-V)=0, F-CONT(2713)=1.9e-14, F-LINE(2796)=4.3e-12, W-LINE(2796)=0.2	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWP05723
Coordinates from Tycho-2 catalog (Hog+ 2000) + SIMBAD
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) BD+20D2465	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			1.2 Secs (1.2 Secs)	
								[==>]	***[1]***
Comments: SNR = 151.4877 *Brightest pixel = 7,116.83 e*									
2		(4) BD+20D2465	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 05, implementation Thu Oct 03 01:15:58 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 05)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

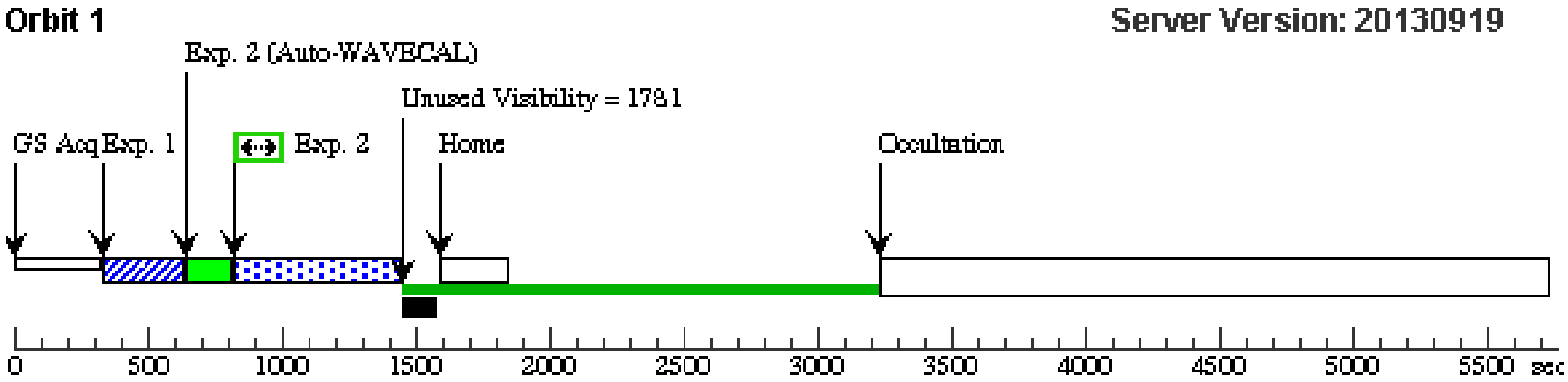
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	BD-15D6290	RA: 22 53 16.1559 (343.3173162d)	Proper Motion RA: +0.06402 sec of time/yr	V=10.17+/-0.41	Reference Frame: ICRS
	Alt Name1: IL-AQR	Dec: -14 15 43.41 (-14.26206d)	Proper Motion Dec: -0.67564 arcsec/yr	TYPE=M5,	
	Alt Name2: HIP113020	Equinox: J2000	Parallax: 0.21269"	B-V=1.597,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +8.7 km/sec	F-CONT(2713)=4.7e-16,	
				F-LINE(2796)=2.1e-12,	
				W-LINE(2796)=0.2	

Comments: IUE SPECTRUM: LWP11914
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) BD-15D6290	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			1.8 Secs (1.8 Secs)	
								[==>]	***[1]***
Comments: SNR = 154.2202 *Brightest pixel = 7,092.42 e*									
2		(5) BD-15D6290	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 06, implementation Thu Oct 03 01:15:58 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 06)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

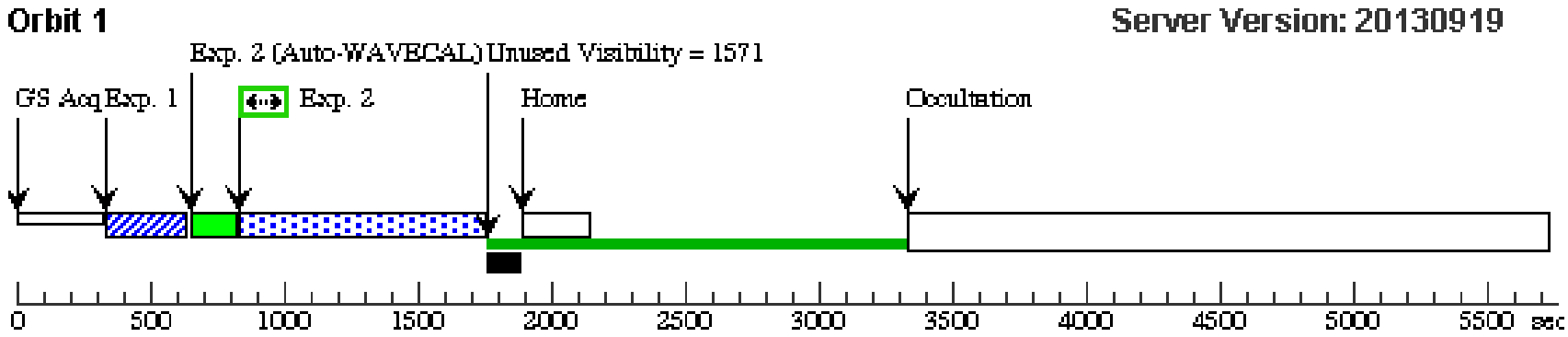
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	BD+43D4305 Alt Name1: EV-LAC Alt Name2: HIP112460	RA: 22 46 50.3069 (341.7096121d) Dec: +44 20 6.39 (44.33511d) Equinox: J2000	Proper Motion RA: -0.06574 sec of time/yr Proper Motion Dec: -0.45939 arcsec/yr Parallax: 0.19807" Epoch of Position: 1991.25 Radial Velocity: -1.5 km/sec	V=10.396+/-0.1 TYPE=M4.5V, B-V=1.540, E(B-V)=0, F-CONT(2713)=3.8e-15, F-LINE(2796)=2.3e-12, W-LINE(2796)=0.2	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWP02148

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) BD+43D4305	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			2.9 Secs (2.9 Secs)	
								[==>]	***[1]***
Comments: SNR = 150.9195 *Brightest pixel = 7,064.89 e*									
2		(6) BD+43D4305	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 07, implementation Thu Oct 03 01:15:59 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 07)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

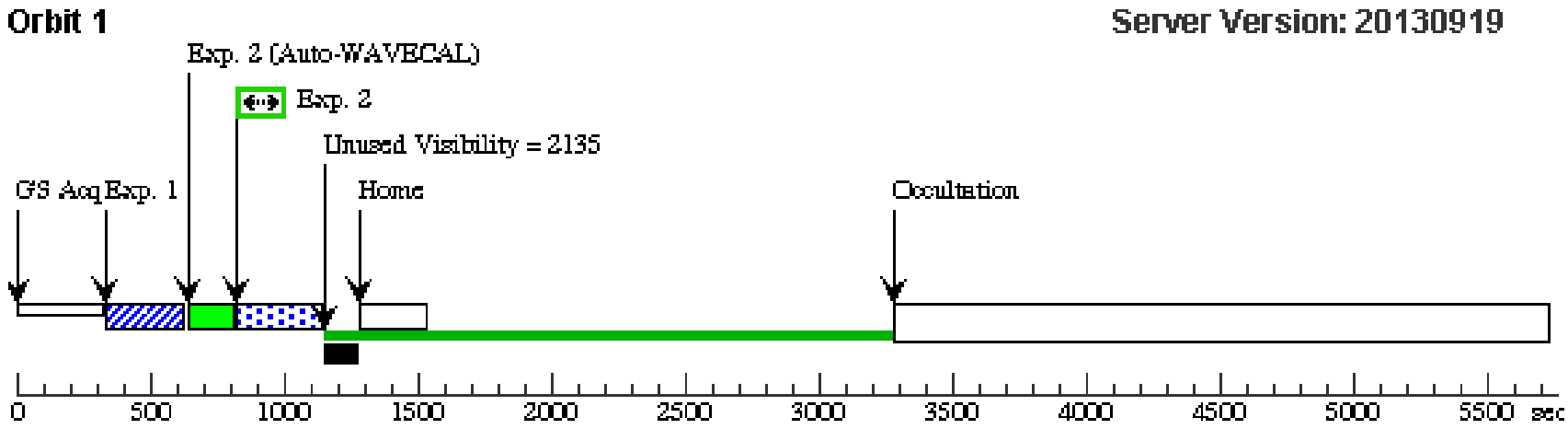
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	HD191408	RA: 20 11 11.6082 (302.7983675d)	Proper Motion RA: +0.03046 sec of time/yr	V=5.31+/-0.1	Reference Frame: ICRS
	Alt Name1: HR7703	Dec: -36 05 50.58 (-36.09738d)	Proper Motion Dec: -1.57491 arcsec/yr	TYPE=K2V,	
	Alt Name2: HIP99461	Equinox: J2000	Parallax: 0.16524"	B-V=0.868,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: -129.8 km/sec	F-CONT(2713)=6.7e-13,	
				F-LINE(2796)=6.3e-11,	
				W-LINE(2796)=0.3	

Comments: IUE SPECTRUM: LWR10843
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) HD191408	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 152.2418 *Brightest pixel = 9,244.01 e*									
2		(7) HD191408	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 08, implementation Thu Oct 03 01:16:00 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 08)) Warning (Form): Sensitive exposures should have an ETC run number provided.

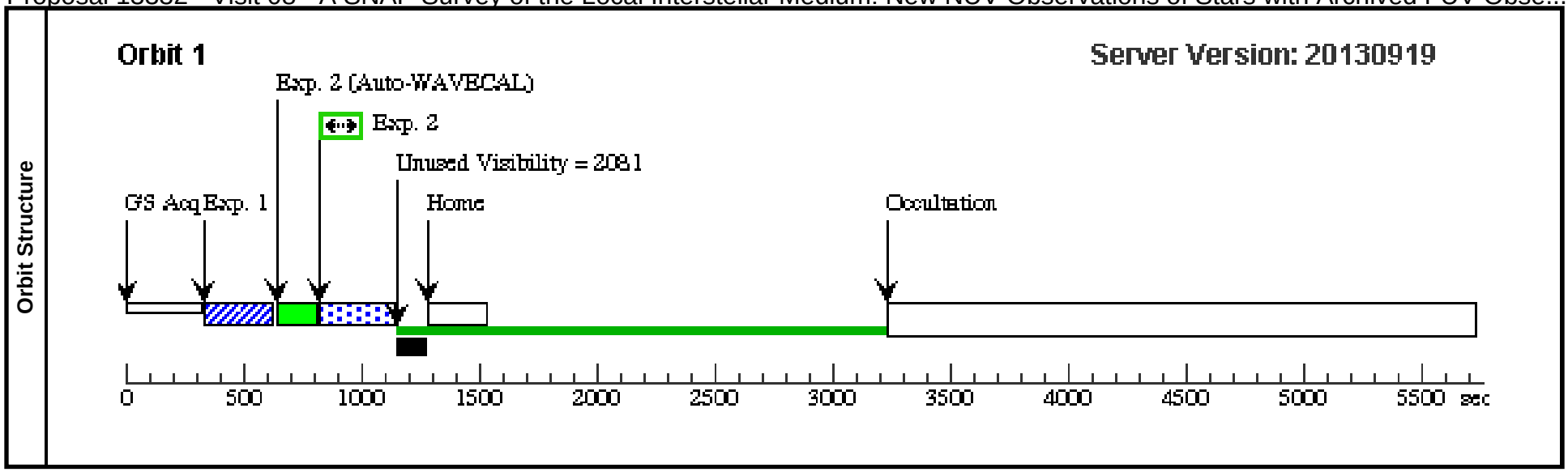
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	HD23249	RA: 03 43 14.9561 (55.8123171d)	Proper Motion RA: -0.0062 sec of time/yr	V=3.51+/-0.1	Reference Frame: ICRS
	Alt Name1: DELTA-ERI	Dec: -09 45 54.72 (-9.76520d)	Proper Motion Dec: +0.745 arcsec/yr	TYPE=K0IV,	
	Alt Name2: HR1136	Equinox: J2000	Parallax: 0.11058"	B-V=0.915,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: -6.1 km/sec	F-CONT(2713)=7.0e-12,	
				F-LINE(2796)=1.1e-10,	
				W-LINE(2796)=0.4	

Comments: IUE SPECTRUM: LWP04756
Spectral Type: K0IV 1952ApJ...116..122R;Spectral Type: K0+IV Bright Star Catalogue, 5th Revised Ed. (Hoffleit+, 1991);Spectral Type: K0IVe Nearby Stars, Preliminary 3rd Version (Gliese+ 1991);Variable Star: Vmax=3.51, Vmin=3.56 1981NVS...C.....0K;V: V=3.515 1975MNRAS.172..667J;V: V=3.54 Bright Star Catalogue, 5th Revised Ed. (Hoffleit+, 1991);V: V=3.53 Nearby Stars, Preliminary 3rd Version (Gliese+ 1991)
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(8) HD23249	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 351.4873 *Brightest pixel = 48,144.98 e*									
2		(8) HD23249	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***


Orbit Structure
Orbit 1
Server Version: 20130919
Exp. 2 (Auto-WAVECAL)
Exp. 2
Unused Visibility = 2081
GS Acq
Exp. 1
Home
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec

Visit

Proposal 13332, Visit 09, implementation Thu Oct 03 01:16:00 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 09)) Warning (Form): Sensitive exposures should have an ETC run number provided.

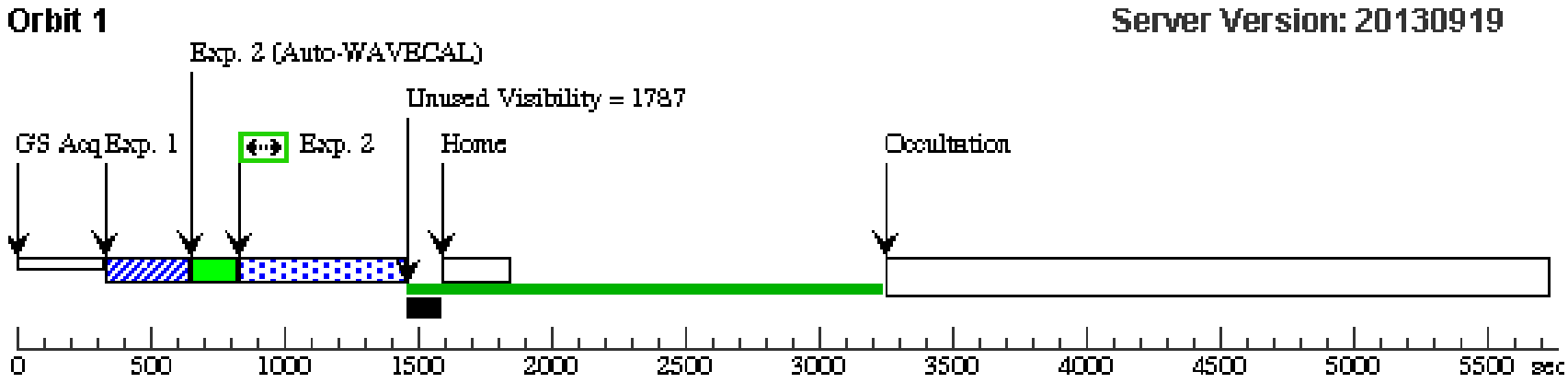
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	GJ436	RA: 11 42 11.1770 (175.5465708d)	Proper Motion RA: +0.06686 sec of time/yr	V=10.59	Reference Frame: ICRS
	Alt Name1: LHS-310	Dec: +26 42 22.64 (26.70629d)	Proper Motion Dec: -0.81354 arcsec/yr	TYPE=M3.5V,	
		Equinox: J2000	Parallax: 0.098"	B-V=1.47,	
			Epoch of Position: 2000.0	E(B-V)=0	
			Radial Velocity: 10 km/sec		

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(9) GJ436	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			3.5 Secs (3.5 Secs)	
								[==>]	***[1]***
Comments: SNR = 150.9316 *Brightest pixel = 7,066.04 e*									
2		(9) GJ436	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 10, implementation Thu Oct 03 01:16:01 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 10)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

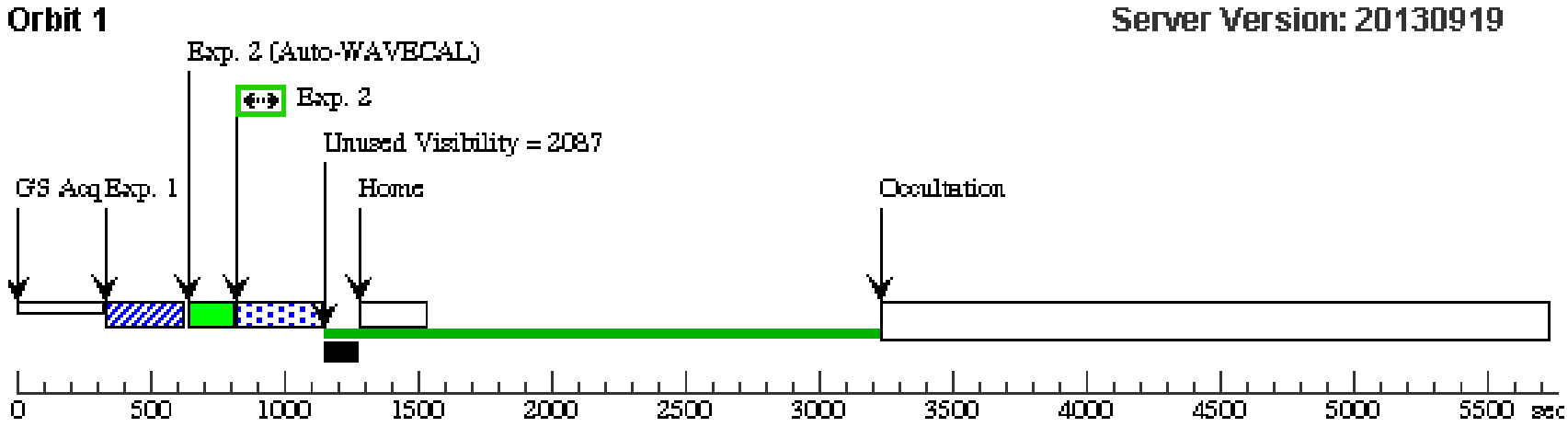
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	HD17925	RA: 02 52 31.8906 (43.1328775d)	Proper Motion RA: +0.02654 sec of time/yr	V=6.146+/-0.1	Reference Frame: ICRS
	Alt Name1: EP-ERI	Dec: -12 46 9.31 (-12.76925d)	Proper Motion Dec: -0.18955 arcsec/yr	TYPE=K1V,	
	Alt Name2: HR857	Equinox: J2000	Parallax: 0.09633"	B-V=0.862,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +18.8 km/sec	F-CONT(2713)=4.7e-13,	
				F-LINE(2796)=1.4e-11,	
				W-LINE(2796)=0.4	

Comments: IUE SPECTRUM: LWP07362
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(10) HD17925	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***
Comments: SNR = 175.5922 *Brightest pixel = 12,459.73 e*									
2		(10) HD17925	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 11, implementation Thu Oct 03 01:16:01 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 11)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

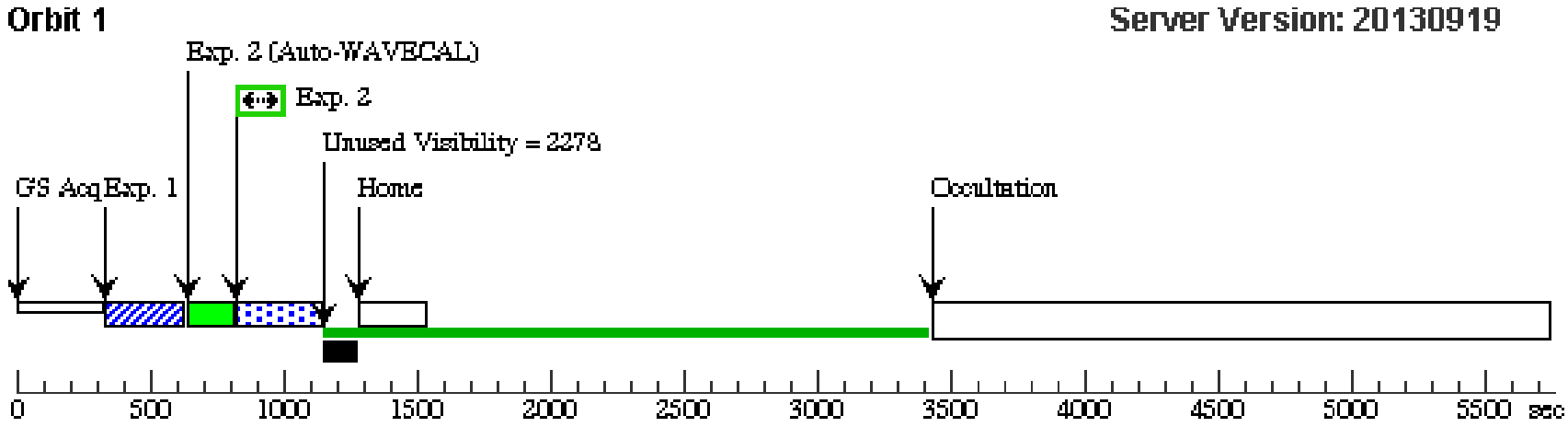
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	HD13445	RA: 02 10 24.0017 (32.6000071d)	Proper Motion RA: +0.22084 sec of time/yr	V=6.17+/-0.1	Reference Frame: ICRS
	Alt Name1: HR637	Dec: -50 49 31.13 (-50.82531d)	Proper Motion Dec: +0.65432 arcsec/yr	TYPE=K0V,	
	Alt Name2: HIP10138	Equinox: J2000	Parallax: 0.09163"	B-V=0.812,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +53.1 km/sec	F-CONT(2713)=5.1e-13,	
				F-LINE(2796)=8.8e-12,	
				W-LINE(2796)=0.4	

Comments: IUE SPECTRUM: LWP08416
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(11) HD13445	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***
Comments: SNR = 173.6272 *Brightest pixel = 12,187.33 e*									
2		(11) HD13445	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 12, implementation Thu Oct 03 01:16:02 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 12)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

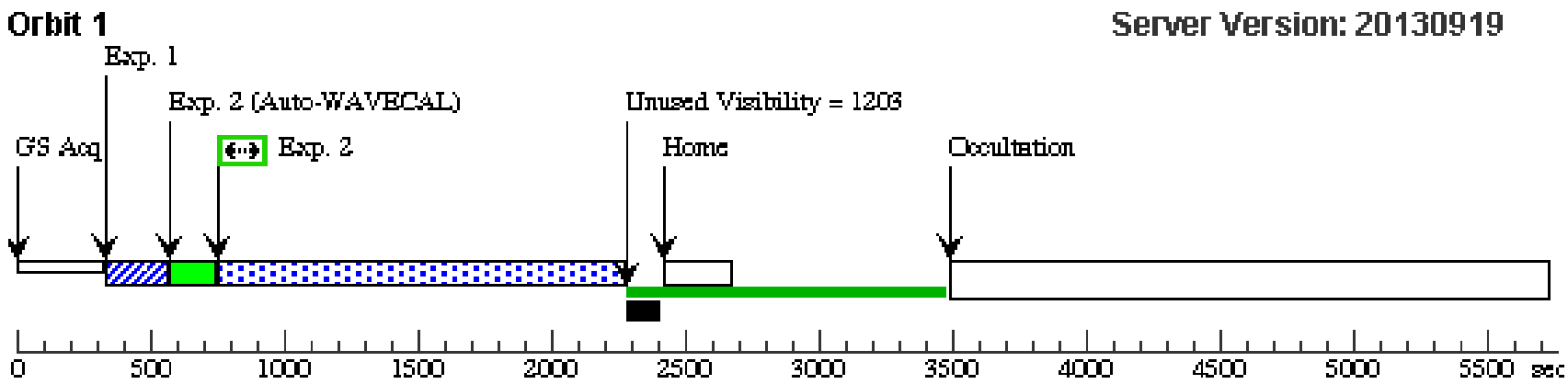
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	DN-DRA Alt Name1: WD1647+591 Alt Name2: HIP82257	RA: 16 48 25.4833 (252.1061804d) Dec: +59 03 25.27 (59.05702d) Equinox: J2000	Proper Motion RA: +0.01764 sec of time/yr Proper Motion Dec: -0.29209 arcsec/yr Parallax: 0.09113" Epoch of Position: 1991.25 Radial Velocity: +41.6 km/sec	V=12.24+/-0.29 TYPE=DA, B-V=0.160, E(B-V)=0, F-CONT(2713)=1.2e-13	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWR14458
Radial velocity from Maxted+ 2000

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(12) DN-DRA	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.5 Secs (0.5 Secs)	
								[==>]	***[1]***
Comments: SNR = 158.0384 *Brightest pixel = 10,420.35 e*									
2		(12) DN-DRA	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 13, implementation Thu Oct 03 01:16:02 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 13)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

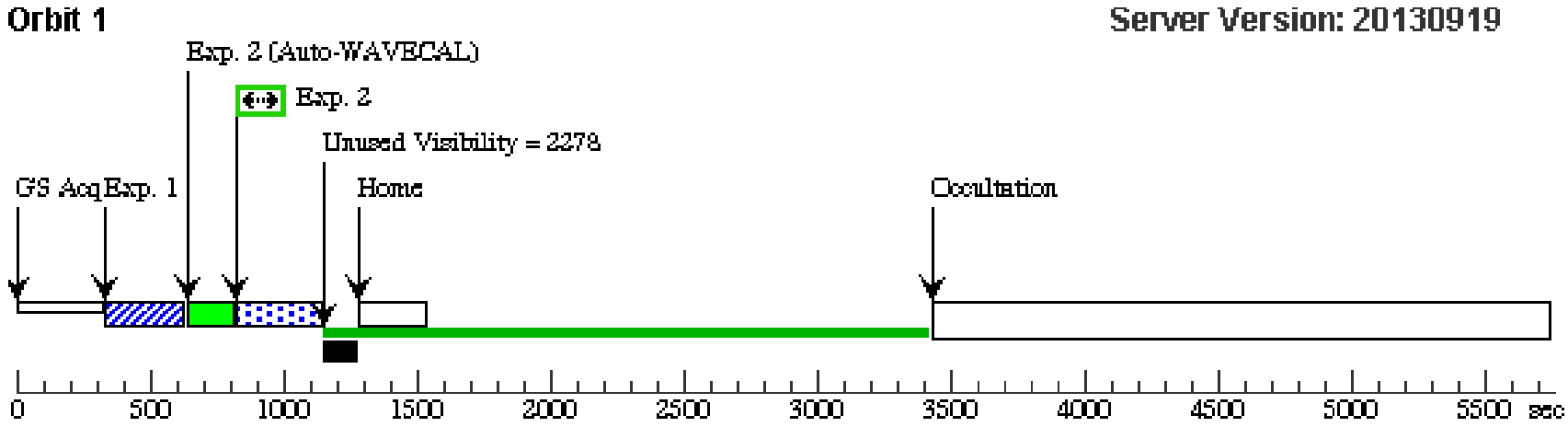
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	HD37394	RA: 05 41 20.3330 (85.3347208d)	Proper Motion RA: +0.00018 sec of time/yr	V=6.297+/-0.1	Reference Frame: ICRS
	Alt Name1: HR1925	Dec: +53 28 56.39 (53.48233d)	Proper Motion Dec: -0.52361 arcsec/yr	TYPE=K1V,	
	Alt Name2: HIP26779	Equinox: J2000	Parallax: 0.08169"	B-V=0.840,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +1.7 km/sec	F-CONT(2713)=4.3e-13,	
				F-LINE(2796)=8.8e-12,	
				W-LINE(2796)=0.4	

Comments: HST SPECTRUM: O6CO02VRQ
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(13) HD37394	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***
Comments: SNR = 163.5770 *Brightest pixel = 10,841.98 e*									
2		(13) HD37394	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 14, implementation Thu Oct 03 01:16:03 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 14)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

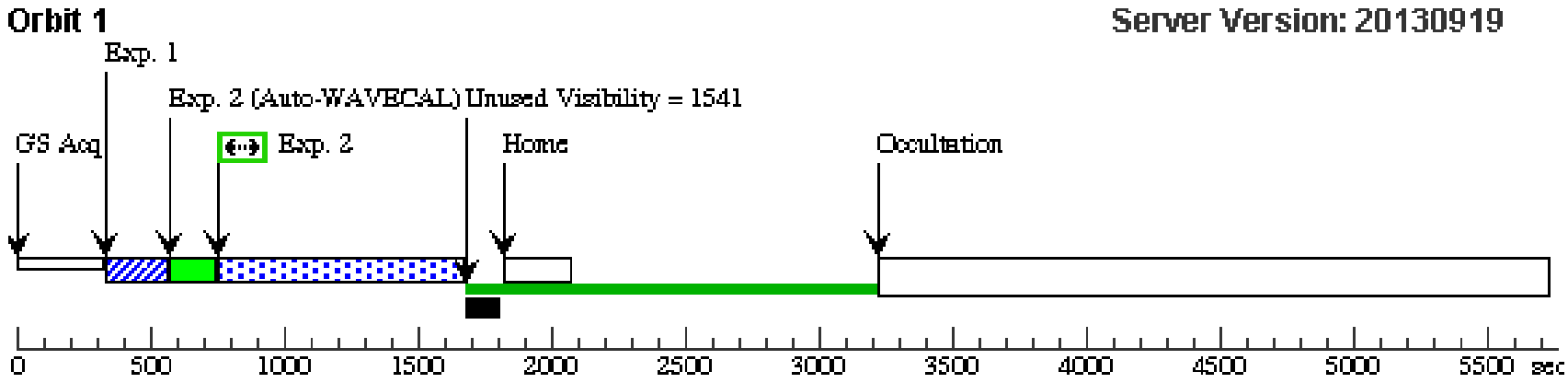
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	GJ1214	RA: 17 15 18.9400 (258.8289167d)	Proper Motion RA: +0.03929 sec of time/yr	V=14.67	Reference Frame: ICRS
	Alt Name1: LHS-3275	Dec: +04 57 49.70 (4.96381d)	Proper Motion Dec: -0.752 arcsec/yr	TYPE=M4.5,	
		Equinox: J2000	Parallax: 0.0772"	B-V=1.73,	
			Epoch of Position: 2000.0	E(B-V)=0	

Comments: No stars were identified by the BOT in the observed field. DSS images clearly indicate an isolated target star.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(14) GJ1214	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.5 Secs (0.5 Secs)	
								[==>]	***[1]***
Comments: SNR = 151.7526 *Brightest pixel = 7,227.18 e*									
2		(14) GJ1214	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 15, implementation

Thu Oct 03 01:16:03 GMT 2013

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	HD9826 Alt Name1: UPSILON-AND Alt Name2: HR458	RA: 01 36 47.9770 (24.1999042d) Dec: +41 24 22.99 (41.40639d) Equinox: J2000	Proper Motion RA: -0.0154 sec of time/yr Proper Motion Dec: -0.38101 arcsec/yr Parallax: 0.07425" Epoch of Position: 1991.25 Radial Velocity: -28.3 km/sec	V=4.07+/-0.1 TYPE=F8V, B-V=0.536, E(B-V)=0	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWR13817
Spectral Type: F8V 2001AJ....121.2148G;Spectral Type: F8V Bright Star Catalogue, 5th Revised Ed. (Hoffleit+, 1991);Spectral Type: F8 V Nearby Stars, Preliminary 3rd Version (Gliese+ 1991);V: V=4.07 1963ArA.....3..273O;V: V=4.09 Bright Star Catalogue, 5th Revised Ed. (Hoffleit+, 1991);V: V=4.09 Nearby Stars, Preliminary 3rd Version (Gliese+ 1991)

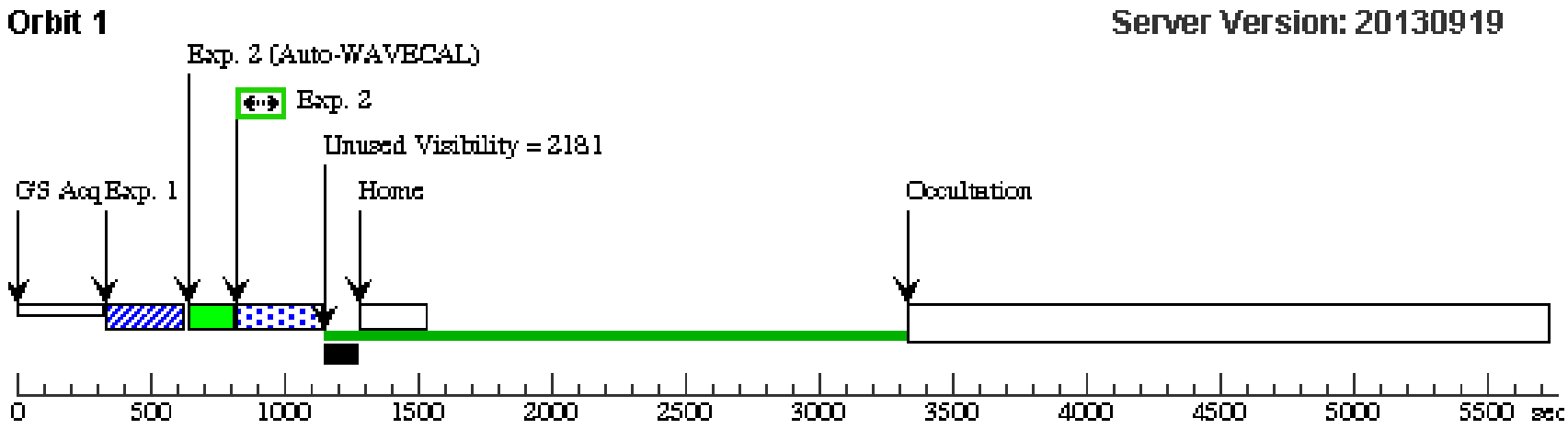
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Using high resolution IUE spectra of this target (LWR13817) we can obtain an accurate estimate of the count rate. This target reaches 43% of the bright limit (85896.5 counts/s relative to the 200,000 counts/s limit). This is not a variable star, so it should not remotely approach the bright limits. (ETC#: STIS.sp.518420)

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(15) HD9826	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs) *[==>]*	 ***[1]***
Comments: SNR = 251.2164 *Brightest pixel = 26,412.79 e*									
2	(STIS.sp.518420)	(15) HD9826	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs) *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 16, implementation Thu Oct 03 01:16:04 GMT 2013

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Fixed Targets

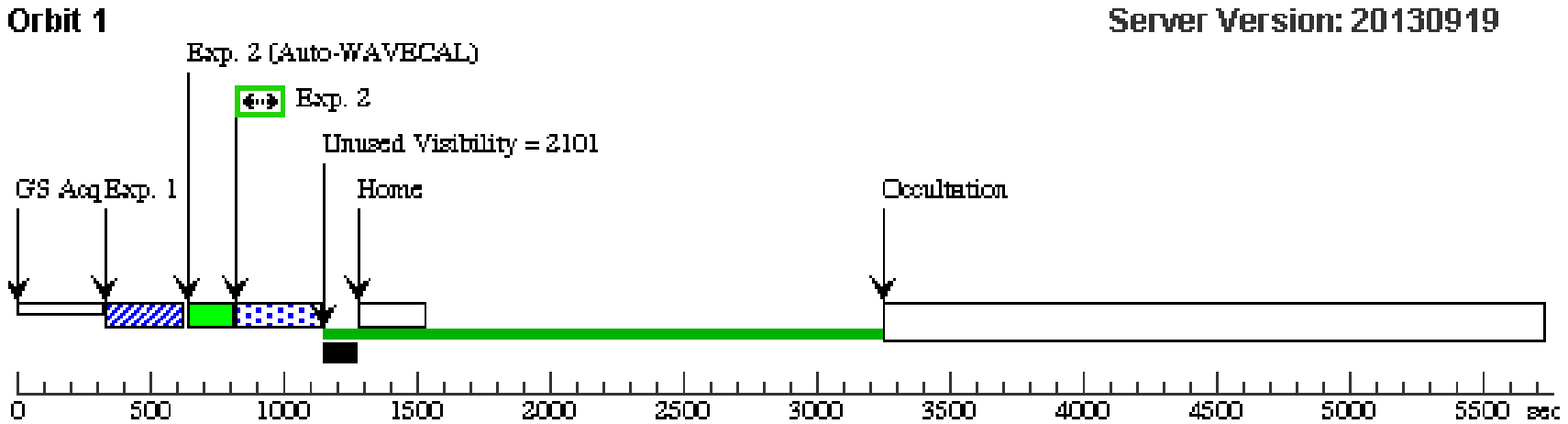
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	HD166	RA: 00 06 36.5305 (1.6522104d)	Proper Motion RA: +0.02533 sec of time/yr	V=6.155+/-0.1	Reference Frame: ICRS
	Alt Name1: HR8	Dec: +29 01 18.97 (29.02194d)	Proper Motion Dec: -0.17834 arcsec/yr	TYPE=K0V,	
	Alt Name2: HIP544	Equinox: J2000	Parallax: 0.07298"	B-V=0.752,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: -8.2 km/sec	F-CONT(2713)=6.9e-13,	
				F-LINE(2796)=1.3e-11,	
				W-LINE(2796)=0.5	

Comments: IUE SPECTRUM: LWR14663
*This target leads to a Health and Safety flag for the global count rate when run through the BOT. Hipparcos identifies this object as a K0V star. The Hipparcos B-V color is consistent with a K star and is measured at 0.752. Although the BOT has the appropriate B-V color (listed at 0.73), it has an incorrect spectral type of "**O5V**". If the BOT is using the spectral type of an O5V star, then it is grossly overestimating the flux. Using IUE observations of this target (LWR14663), there should be little to no risk of approaching these flux limits. Indeed, my estimates are <7,500 counts/sec over the entire detector (ETC# = STIS.sp.518401).*

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(16) HD166	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***
Comments: SNR = 174.8529 *Brightest pixel = 12,356.88 e*									
2	(STIS.sp.518401)	(16) HD166	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 17, implementation Thu Oct 03 01:16:04 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 17)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

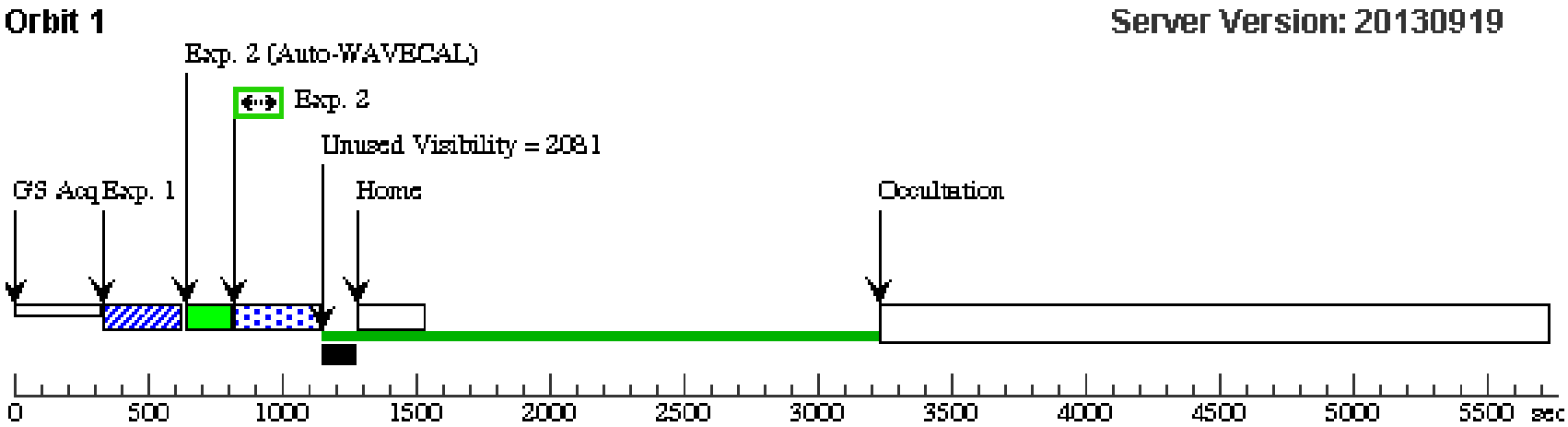
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(17)	HD146233	RA: 16 15 37.2695 (243.9052896d)	Proper Motion RA: +0.01555 sec of time/yr	V=5.5	Reference Frame: ICRS
	Alt Name1: 18-SCO	Dec: -08 22 9.99 (-8.36944d)	Proper Motion Dec: -0.49553 arcsec/yr	TYPE=G2V,	
	Alt Name2: HR6060	Equinox: J2000	Parallax: 0.07194"	B-V=0.65,	
			Epoch of Position: 2000.0	E(B-V)=0	
			Radial Velocity: 11.4 km/sec		

Comments: IUE SPECTRUM: LWP23952
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(17) HD146233	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.2 Secs (0.2 Secs)	
								[==>]	***[1]***
Comments: SNR = 186.6863 *Brightest pixel = 14,427.07 e*									
2		(17) HD146233	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 18, implementation Thu Oct 03 01:16:05 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 18)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

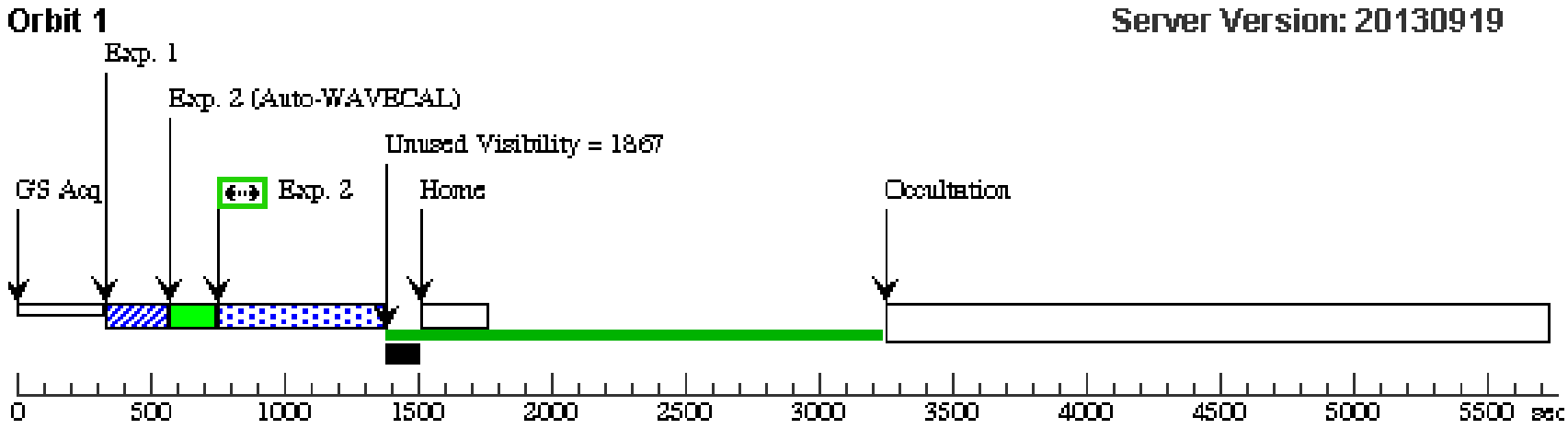
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	HD340611 Alt Name1: WD2032+248 Alt Name2: HIP101516	RA: 20 34 22.1443 (308.5922679d) Dec: +25 03 54.68 (25.06519d) Equinox: J2000	Proper Motion RA: -0.02986 sec of time/yr Proper Motion Dec: -0.56416 arcsec/yr Parallax: 0.06765" Epoch of Position: 1991.25 Radial Velocity: +71.0 km/sec	V=11.423+/-0.157 TYPE=DA, B-V=-0.097, E(B-V)=0, F-CONT(2713)=5.6e-13	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWR01569
No stars were identified by the BOT in the observed field. DSS images clearly indicate as isolated target star.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(18) HD340611	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***
Comments: SNR = 178.7599 *Brightest pixel = 13,268.84 e*									
2		(18) HD340611	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 19, implementation Thu Oct 03 01:16:05 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 19)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	WD1134+300	RA: 11 37 5.2036 (174.2716817d)	Proper Motion RA: -0.01139 sec of time/yr	V=12.46+/-0.41	Reference Frame: ICRS
	Alt Name1: HIP56662	Dec: +29 47 58.39 (29.79955d)	Proper Motion Dec: -0.00591 arcsec/yr	TYPE=DA,	
	Alt Name2: GSC01984-00097	Equinox: J2000	Parallax: 0.06528"	B-V=-0.072,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +53.5 km/sec	F-CONT(2713)=2.4e-13	

Comments: IUE SPECTRUM: LWP27751
Radial velocity from Foss+ 1991, binary and ranges from -15.4 to 177.2 km/s

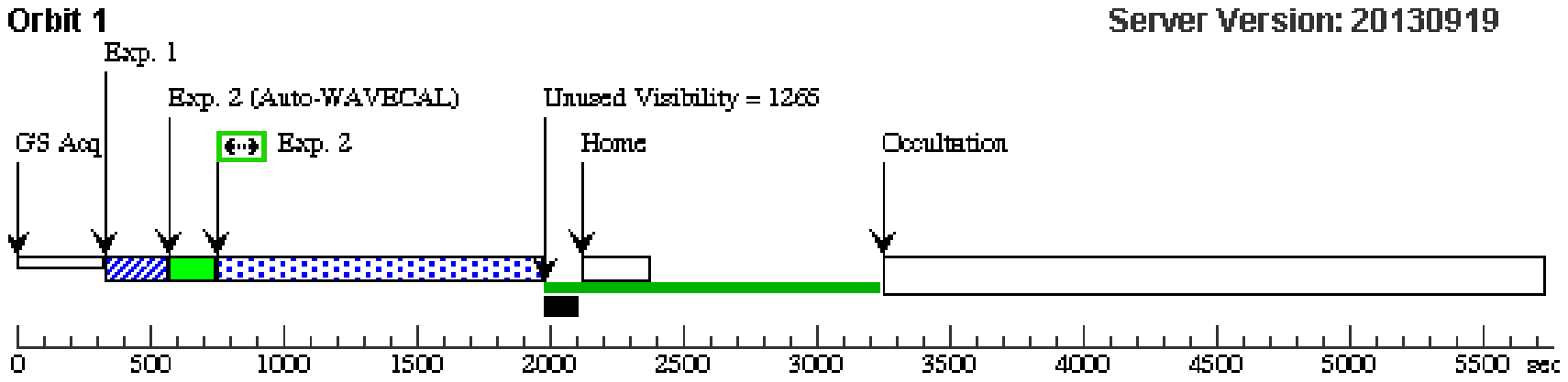
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(19) WD1134+300	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.6 Secs (0.6 Secs)	
								[==>]	***[1]***

Comments: SNR = 156.4064
Brightest pixel = 10,210.90 e

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
2		(19) WD1134+300	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 20, implementation Thu Oct 03 01:16:05 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 20)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

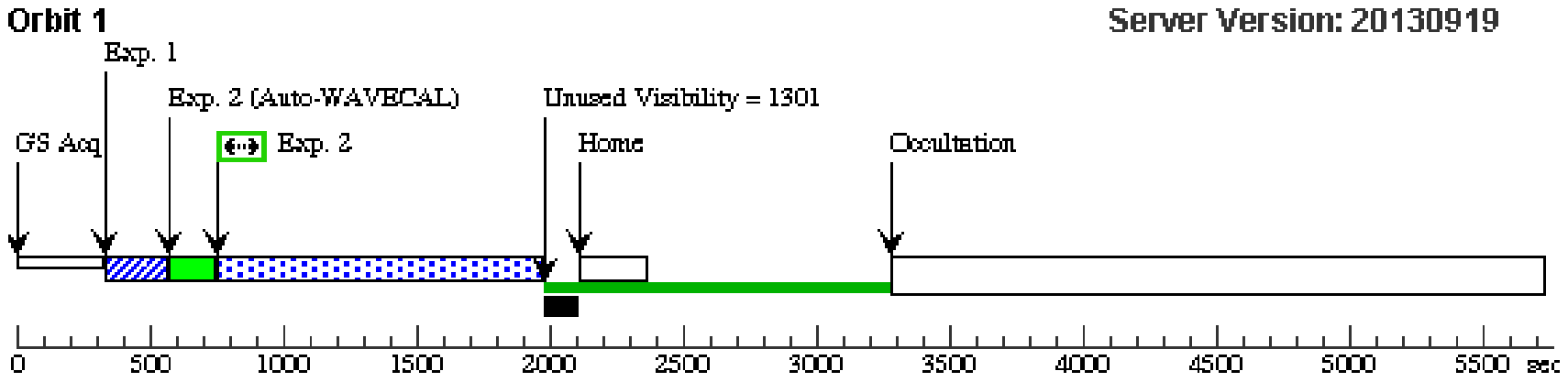
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	WD0644+376	RA: 06 47 38.1584 (101.9089933d)	Proper Motion RA: -0.01884 sec of time/yr	V=11.717+/-0.222	Reference Frame: ICRS
	Alt Name1: HIP32560	Dec: +37 31 5.28 (37.51813d)	Proper Motion Dec: -0.93554 arcsec/yr	TYPE=DAn,	
	Alt Name2: GSC02941-01746	Equinox: J2000	Parallax: 0.06491"	B-V=-0.098,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +80.0 km/sec	F-CONT(2713)=3.1e-13	

Comments: IUE SPECTRUM: LWR06931
No stars were identified by the BOT in the observed field. DSS images are corrupted for this field, but POSS1 images clearly indicate an isolated target star.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(20) WD0644+376	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***
Comments: SNR = 155.7033 *Brightest pixel = 10,121.22 e*									
2		(20) WD0644+376	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 21, implementation Thu Oct 03 01:16:06 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 21)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(21)	HD43162	RA: 06 13 45.3258 (93.4388575d)	Proper Motion RA: -0.00343 sec of time/yr	V=6.445+/-0.1	Reference Frame: ICRS
	Alt Name1: HR2225	Dec: -23 51 43.95 (-23.86221d)	Proper Motion Dec: +0.1109 arcsec/yr	TYPE=G5V,	
	Alt Name2: HIP29568	Equinox: J2000	Parallax: 0.0599"	B-V=0.713,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +22.0 km/sec	F-CONT(2713)=8.8e-13,	
				F-LINE(2796)=4.2e-12,	
				W-LINE(2796)=0.5	

Comments: IUE SPECTRUM: LWP31715

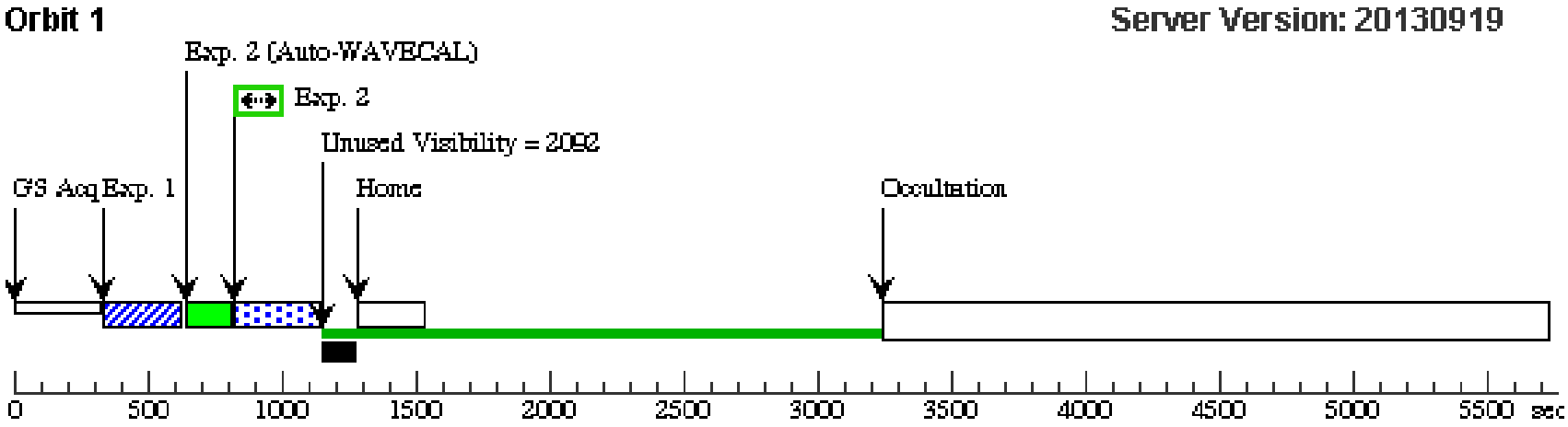
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(21) HD43162	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.4 Secs (0.4 Secs)	
								[==>]	***[1]***

Comments: SNR = 170.8931
Brightest pixel = 12,044.65 e

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
2		(21) HD43162	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 22, implementation Thu Oct 03 01:16:06 GMT 2013

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Fixed Targets

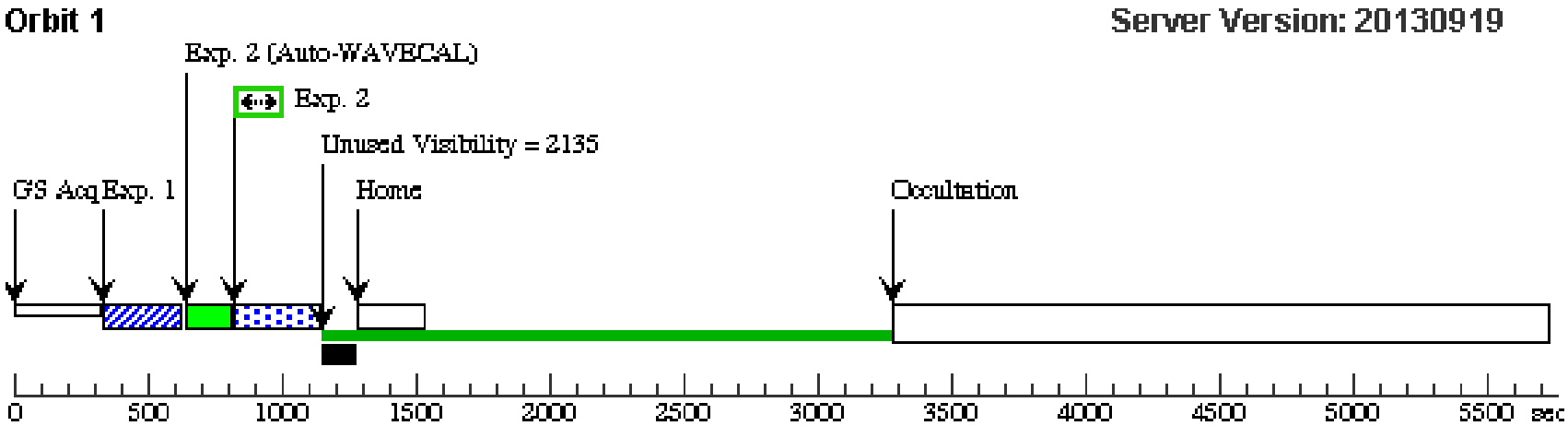
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(22)	HD165185	RA: 18 06 23.6432 (271.5985133d)	Proper Motion RA: +0.00866 sec of time/yr	V=6.009+/-0.1	Reference Frame: ICRS
	Alt Name1: HR6748	Dec: -36 01 11.31 (-36.01981d)	Proper Motion Dec: +0.00799 arcsec/yr	TYPE=G3V,	
	Alt Name2: HIP88694	Equinox: J2000	Parallax: 0.05758"	B-V=0.615,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +13.2 km/sec	F-CONT(2713)=2.0e-12,	
				F-LINE(2796)=6.8e-12,	
				W-LINE(2796)=0.5	

Comments: HST SPECTRUM: O6CO07D3Q
*This target leads to a Health and Safety flag for the global count rate when run through the BOT. Hipparcos identifies this object as a G3V star. The Hipparcos B-V color is consistent with a G star and is measured at 0.615. Although the BOT has the appropriate B-V color (listed at 0.56), it has an incorrect spectral type of "**O5V**". If the BOT is using the spectral type of an O5V star, then it is grossly overestimating the flux. Using HST observations of this target (O6CO07D3Q), there should be little to no risk of approaching these flux limits. Indeed, my estimates are <18,200 counts/sec over the entire detector (ETC# = STIS.sp.518402).*

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(22) HD165185	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***
Comments: SNR = 180.7719 *Brightest pixel = 13,541.59 e*									
2	(STIS.sp.518402)	(22) HD165185	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 23, implementation Thu Oct 03 01:16:07 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 23)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(23)	HD82443	RA: 09 32 43.8558 (143.1827325d)	Proper Motion RA: -0.011065 sec of time/yr	V=7.155+/-0.1	Reference Frame: ICRS
	Alt Name1: DX-LEO	Dec: +26 59 20.86 (26.98913d)	Proper Motion Dec: -0.24628 arcsec/yr	TYPE=K0,	
	Alt Name2: HIP46843	Equinox: J2000	Parallax: 0.05635"	B-V=0.779,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +13.8 km/sec	F-CONT(2713)=2.7e-13,	
				F-LINE(2796)=5.6e-12,	
				W-LINE(2796)=0.5	

Comments: IUE SPECTRUM: LWP22001

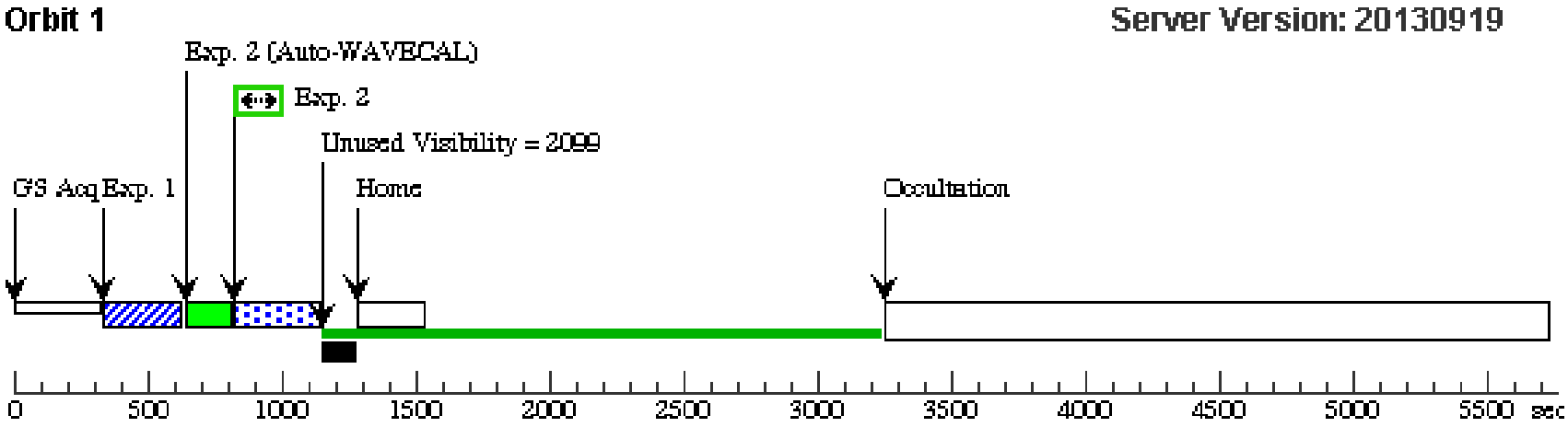
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(23) HD82443	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.6 Secs (0.6 Secs)	
								[==>]	***[1]***

Comments: SNR = 155.6611
Brightest pixel = 9,838.73 e

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
2		(23) HD82443	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 24, implementation Thu Oct 03 01:16:07 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 24)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(24)	HD82558	RA: 09 32 25.7159 (143.1071496d)	Proper Motion RA: -0.01685 sec of time/yr	V=7.938+/-0.1	Reference Frame: ICRS
	Alt Name1: LQ-HYA	Dec: -11 11 4.99 (-11.18472d)	Proper Motion Dec: +0.03508 arcsec/yr	TYPE=K0,	
	Alt Name2: HIP46816	Equinox: J2000	Parallax: 0.05452"	B-V=0.933,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +14.0 km/sec	F-CONT(2713)=9.8e-14,	
				F-LINE(2796)=3.2e-12,	
				W-LINE(2796)=0.6	

Comments: IUE SPECTRUM: LWP08408

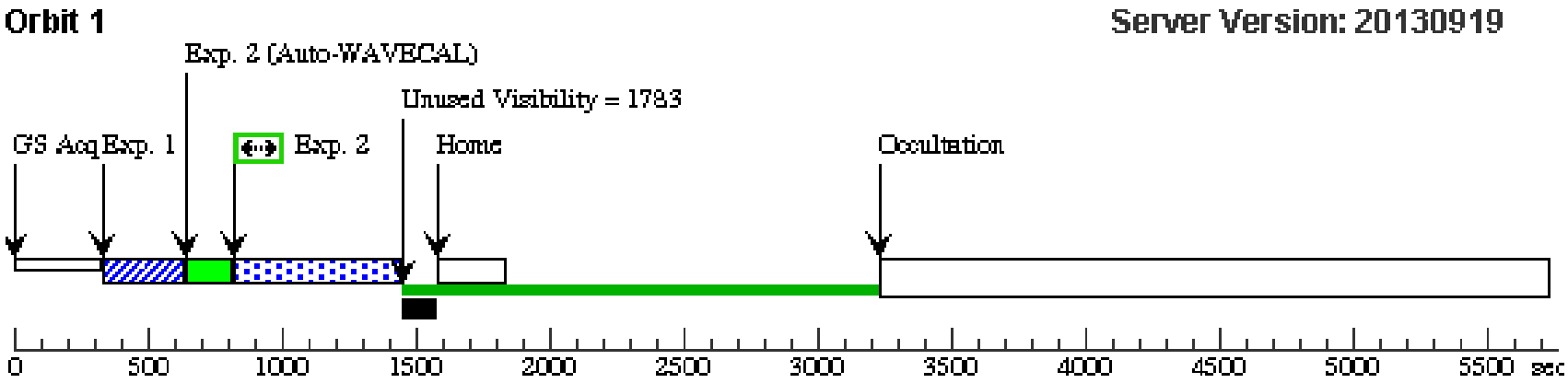
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(24) HD82558	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			1.2 Secs (1.2 Secs)	
								[==>]	***[1]***

Comments: SNR = 153.4456
Brightest pixel = 9,566.86 e

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
2		(24) HD82558	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 25, implementation Thu Oct 03 01:16:08 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 25)) Warning (Form): Sensitive exposures should have an ETC run number provided.

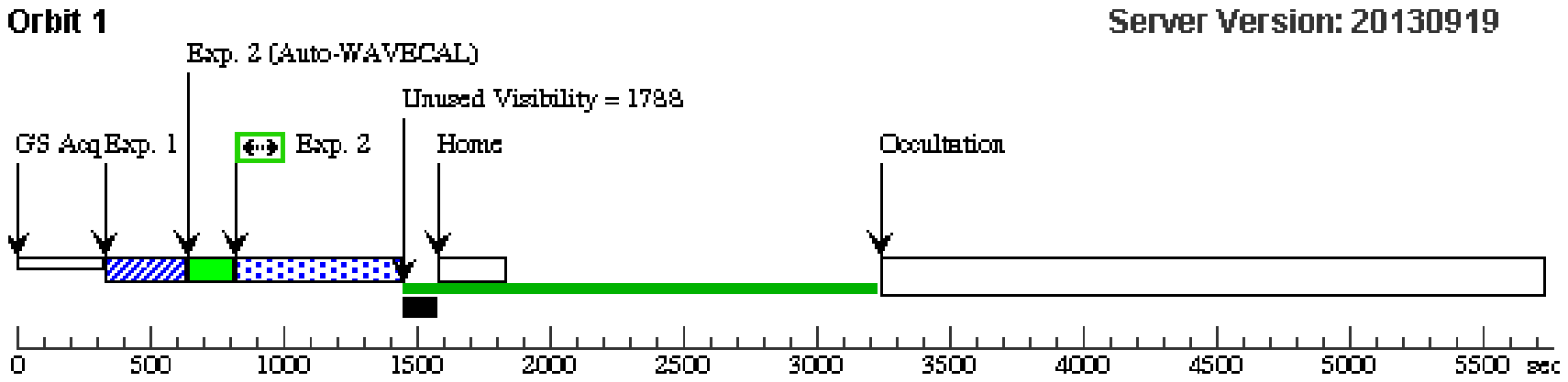
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(25)	HD189733	RA: 20 00 43.7100 (300.1821250d) Dec: +22 42 41.30 (22.71147d) Equinox: J2000	Proper Motion RA: -0.00018 sec of time/yr Proper Motion Dec: -0.25081 arcsec/yr Parallax: 0.05194" Epoch of Position: 1991.25	V=7.68 TYPE=K1V, B-V=0.932, E(B-V)=0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(25) HD189733	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs)	
								[==>]	***[1]***
Comments: SNR = 157.8472 *Brightest pixel = 10,110.86 e*									
2		(25) HD189733	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 26, implementation

Thu Oct 03 01:16:08 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 26)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(26)	HD203244	RA: 21 24 40.4205 (321.1684187d)	Proper Motion RA: +0.02551 sec of time/yr	V=7.065+/-0.1	Reference Frame: ICRS
	Alt Name1: HIP105712	Dec: -68 13 41.68 (-68.22824d)	Proper Motion Dec: +0.16939 arcsec/yr	TYPE=G5V,	
		Equinox: J2000	Parallax: 0.04886"	B-V=0.723,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +11.5 km/sec	F-CONT(2713)=4.5e-13,	
				F-LINE(2796)=3.8e-12,	
				W-LINE(2796)=0.4	

Comments: HST SPECTRUM: O6CO03KSQ

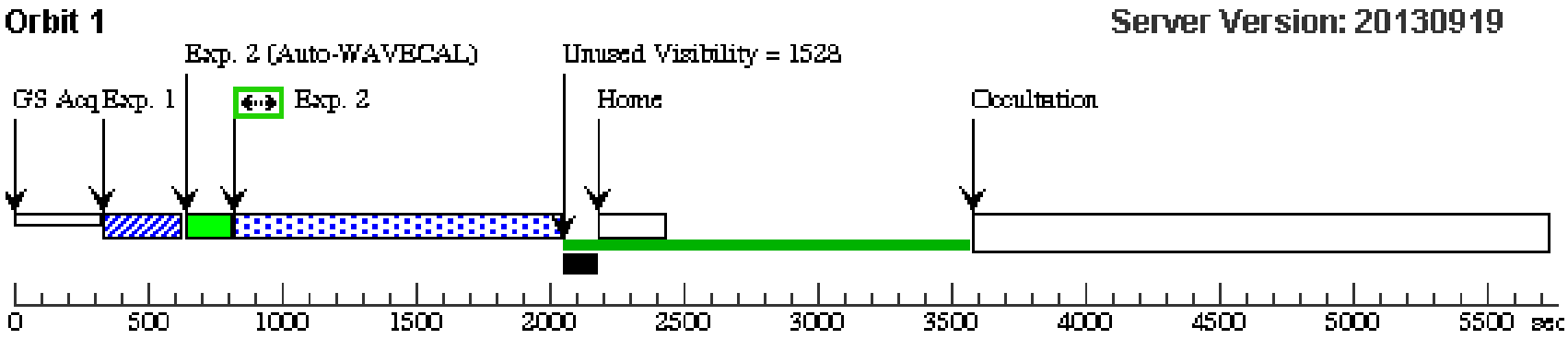
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(26) HD203244	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.6 Secs (0.6 Secs)	
								[==>]	***[1]***

Comments: SNR = 157.0468
Brightest pixel = 10,206.71 e

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
2		(26) HD203244	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 27, implementation Thu Oct 03 01:16:09 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 27)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

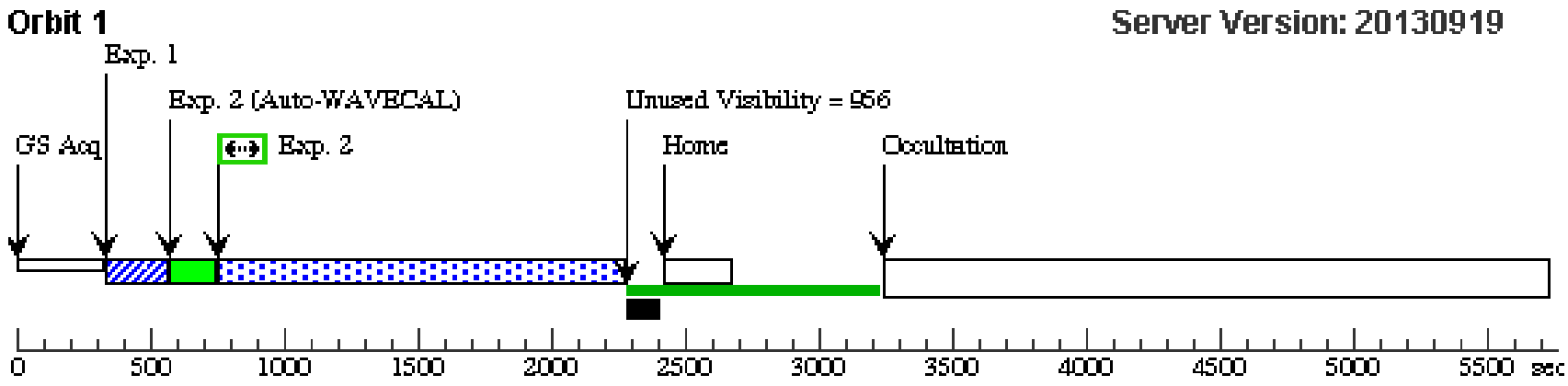
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(27)	WD2039-202	RA: 20 42 34.7503 (310.6447929d)	Proper Motion RA: +0.02524 sec of time/yr	V=12.396	Reference Frame: ICRS
	Alt Name1: GJ799.1	Dec: -20 04 35.95 (-20.07665d)	Proper Motion Dec: -0.09766 arcsec/yr	TYPE=DA3,	
		Equinox: J2000	Parallax: 0.04822"	B-V=-0.081,	
			Epoch of Position: 2000.0	E(B-V)=0	

Comments: IUE SPECTRUM: LWP26273
No stars were identified by the BOT in the observed field. DSS images clearly indicate an isolated target star.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(27) WD2039-202	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.6 Secs (0.6 Secs)	
								[==>]	***[1]***
Comments: SNR = 161.1887 *Brightest pixel = 10,830.88 e*									
2		(27) WD2039-202	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 28, implementation Thu Oct 03 01:16:09 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 28)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

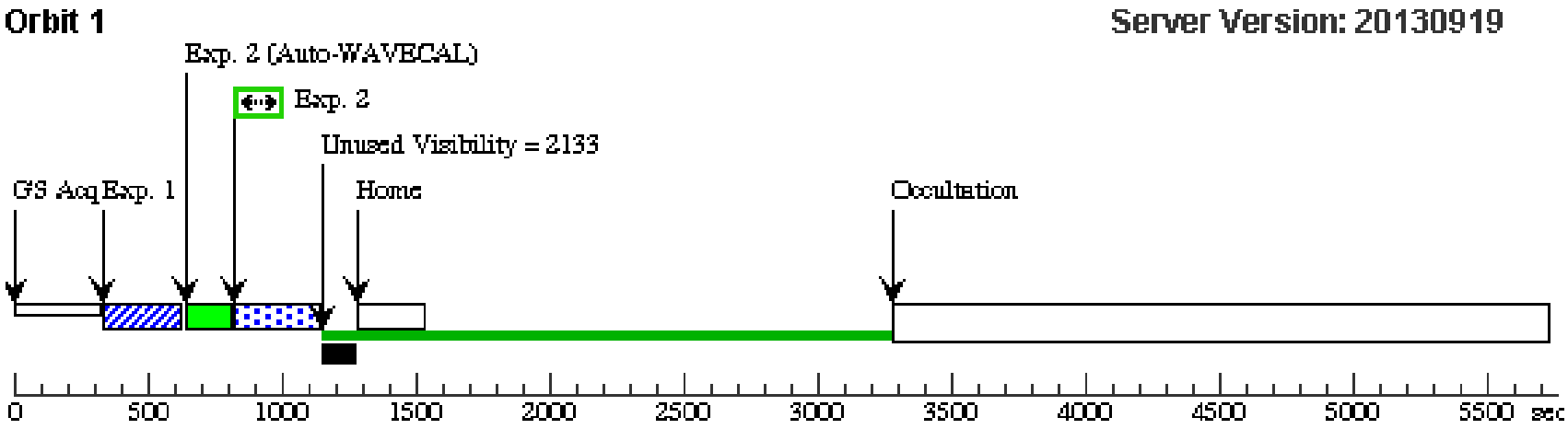
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(28)	HD59967	RA: 07 30 42.5756 (112.6773983d)	Proper Motion RA: -0.00732 sec of time/yr	V=6.734+/-0.1	Reference Frame: ICRS
	Alt Name1: HR2882	Dec: -37 20 22.17 (-37.33949d)	Proper Motion Dec: +0.0538 arcsec/yr	TYPE=G3V,	
	Alt Name2: HIP36515	Equinox: J2000	Parallax: 0.04593"	B-V=0.641,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +8.6 km/sec	F-CONT(2713)=8.8e-13,	
				F-LINE(2796)=3.0e-12,	
				W-LINE(2796)=0.6	

Comments: HST SPECTRUM: O6CO05NVQ

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(28) HD59967	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.5 Secs (0.5 Secs)	
								[==>]	***[1]***
Comments: SNR = 166.8889 *Brightest pixel = 11,574.93 e*									
2		(28) HD59967	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 29, implementation

Thu Oct 03 01:16:09 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 29)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(29)	HD116956 Alt Name1: HIP65515 Alt Name2: GSC03853-00875	RA: 13 25 45.7648 (201.4406867d) Dec: +56 58 13.68 (56.97047d) Equinox: J2000	Proper Motion RA: -0.02649 sec of time/yr Proper Motion Dec: +0.01121 arcsec/yr Parallax: 0.04576" Epoch of Position: 1991.25 Radial Velocity: -13.1 km/sec	V=7.379+/-0.1 TYPE=G9IV-V, B-V=0.804, E(B-V)=0, F-CONT(2713)=2.0e-13, F-LINE(2796)=3.0e-12, W-LINE(2796)=0.4	Reference Frame: ICRS

Comments: HST SPECTRUM: O6CO01MHQ

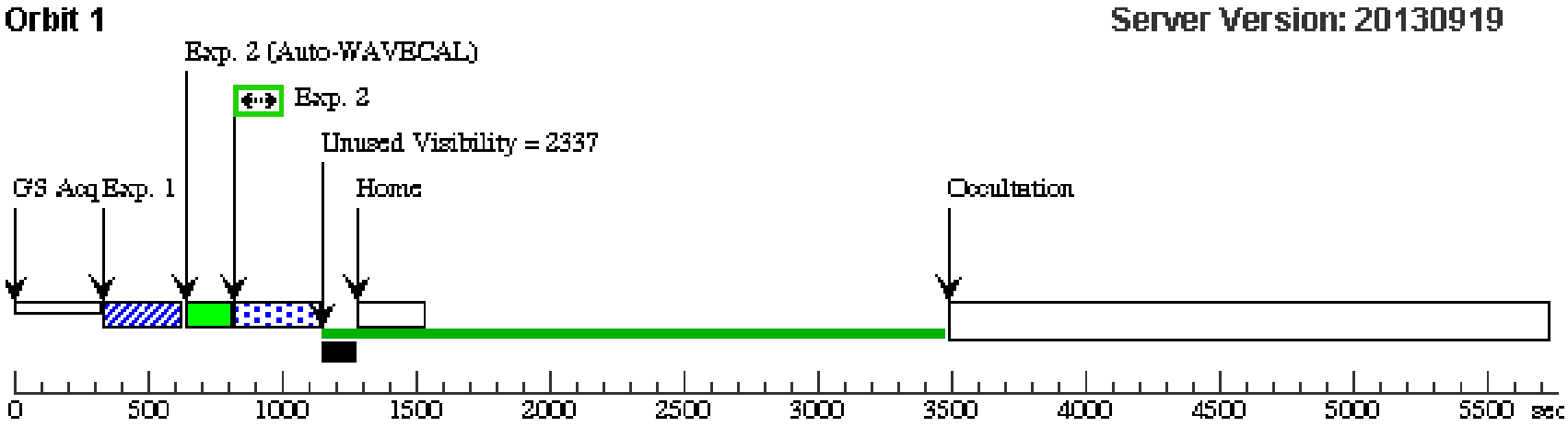
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(29) HD116956	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.8 Secs (0.8 Secs)	
								[==>]	***[1]***

Comments: SNR = 159.5493
Brightest pixel = 10,423.75 e

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
2		(29) HD116956	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 30, implementation Thu Oct 03 01:16:10 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 30)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

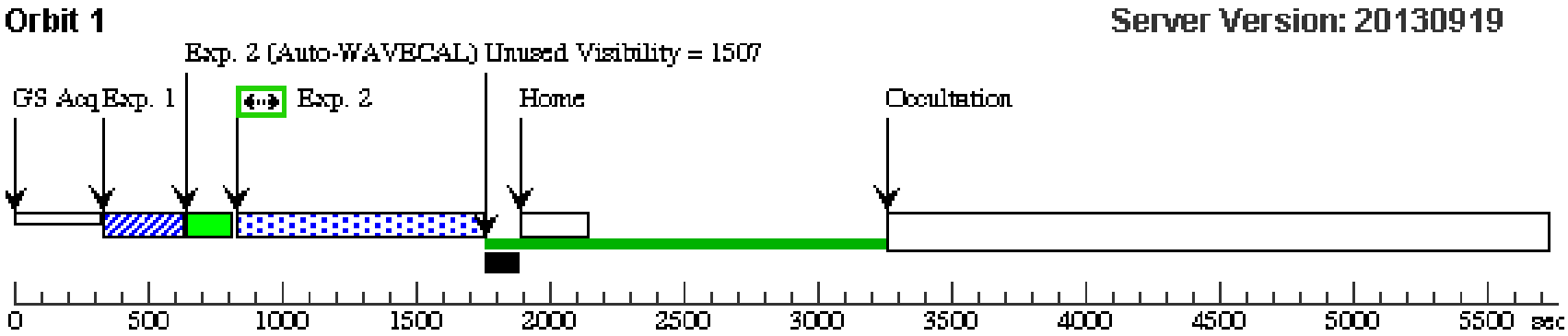
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(30)	HD1405 Alt Name1: PW-AND Alt Name2: GSC02261-01518	RA: 00 18 20.8900 (4.5870417d) Dec: +30 57 22.23 (30.95617d) Equinox: J2000	Proper Motion RA: +0.011 sec of time/yr Proper Motion Dec: -0.177 arcsec/yr Parallax: 0.045" Epoch of Position: 2000.0 Radial Velocity: -11.0 km/sec	V=8.63+/-0.9 TYPE=K2V, B-V=1.0, E(B-V)=0, F-CONT(2713)=4.0e-14, F-LINE(2796)=3.0e-12, W-LINE(2796)=0.3	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWP31558
Coordinates from Tycho-2 catalog (Hog+ 2000) + SIMBAD

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(30) HD1405	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			2.1 Secs (2.1 Secs) *[==>]*	 ***[1]***
Comments: SNR = 151.2070 *Brightest pixel = 9,121.82 e*									
2		(30) HD1405	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs) *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 31, implementation Thu Oct 03 01:16:10 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 31)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

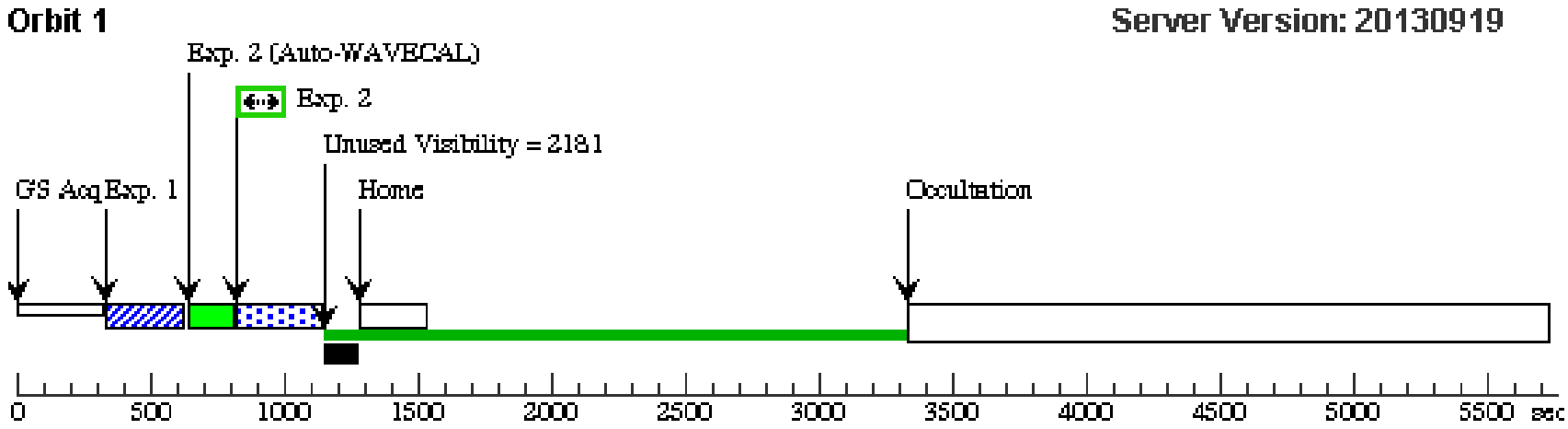
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(31)	HD199288	RA: 20 57 40.0691 (314.4169546d)	Proper Motion RA: -0.04787 sec of time/yr	V=6.52	Reference Frame: ICRS
	Alt Name1: LHS-503	Dec: -44 07 45.74 (-44.12937d)	Proper Motion Dec: -0.97552 arcsec/yr	TYPE=G2V,	
	Alt Name2: GJ9712	Equinox: J2000	Parallax: 0.04517"	B-V=0.59,	
			Epoch of Position: 2000.0	E(B-V)=0	
			Radial Velocity: -9.6 km/sec		

Comments: No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(31) HD199288	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.4 Secs (0.4 Secs)	
								[==>]	***[1]***
Comments: SNR = 164.6868 *Brightest pixel = 11,277.38 e*									
2		(31) HD199288	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				300 Secs (300 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 32, implementation Thu Oct 03 01:16:11 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 32)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

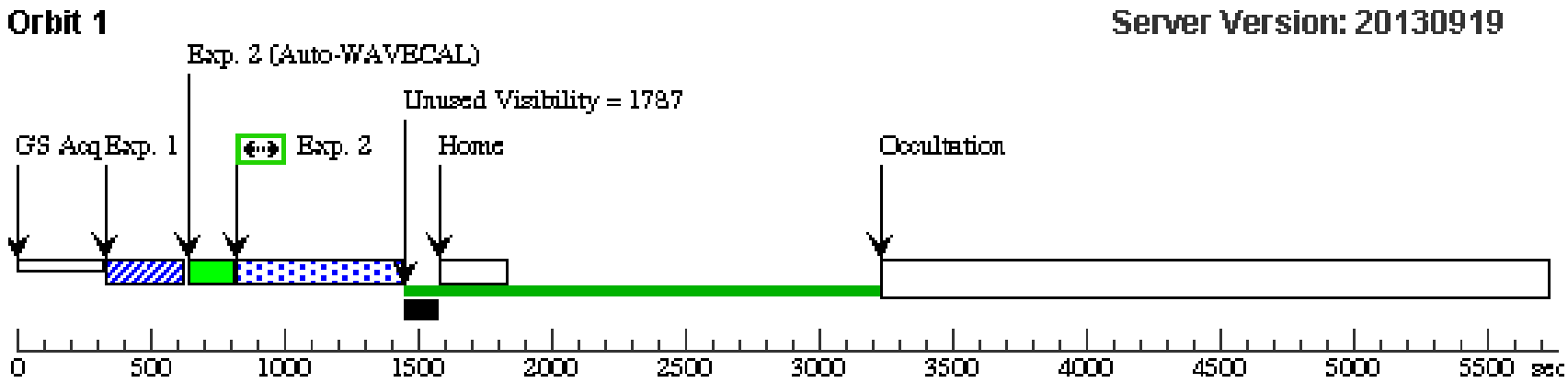
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(32)	HD106516	RA: 12 15 10.5388 (183.7939117d)	Proper Motion RA: +0.00211 sec of time/yr	V=6.11+/-0.1	Reference Frame: ICRS
	Alt Name1: HR4657	Dec: -10 18 35.78 (-10.30994d)	Proper Motion Dec: -1.01244 arcsec/yr	TYPE=F5V,	
	Alt Name2: HIP59750	Equinox: J2000	Parallax: 0.04434"	B-V=0.470,	
			Epoch of Position: 1991.25	E(B-V)=0	
			Radial Velocity: +8.2 km/sec		

Comments: HST SPECTRUM: O4AO07010
No stars were identified by the BOT in the observed field. DSS images clearly indicate a bright isolated target star. The saturation of the target star is likely causes the inability of the BOT to identify any nearby stars. Clearly the target star is the dominant object in the field of view.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(32) HD106516	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***
Comments: SNR = 165.1450 *Brightest pixel = 11,810.14 e*									
2		(32) HD106516	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 33, implementation Thu Oct 03 01:16:11 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 33)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

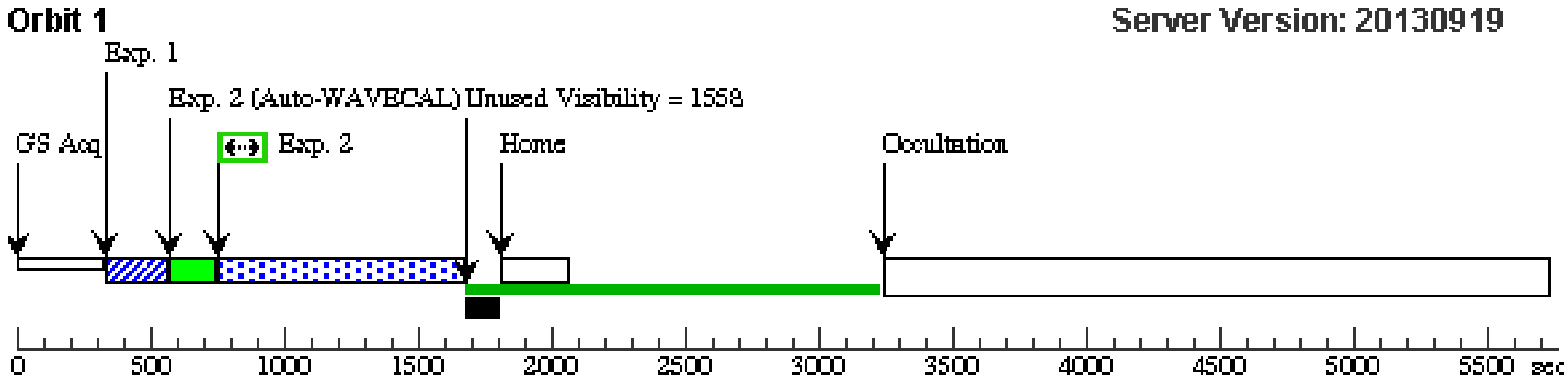
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	GJ9124	RA: 03 44 20.0924 (56.0837183d)	Proper Motion RA: +0.00135 sec of time/yr	V=10.4	Reference Frame: ICRS
	Alt Name1: V1038-TAU	Dec: +24 47 46.26 (24.79618d)	Proper Motion Dec: -0.0443 arcsec/yr	TYPE=G2V,	
		Equinox: J2000	Parallax: 0.043"	B-V=0.8,	
			Epoch of Position: 2000.0	E(B-V)=0	
			Radial Velocity: 5.55 km/sec		

Comments: IUE SPECTRUM: LWP22320

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(33) GJ9124	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 229.2528 *Brightest pixel = 20,060.84 e*									
2		(33) GJ9124	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 34, implementation Thu Oct 03 01:16:11 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 34)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(34)	HD73350 Alt Name1: HIP42333	RA: 08 37 50.4685 (129.4602854d) Dec: -06 48 25.16 (-6.80699d) Equinox: J2000	Proper Motion RA: -0.0199 sec of time/yr Proper Motion Dec: +0.04334 arcsec/yr Parallax: 0.04232" Epoch of Position: 1991.25 Radial Velocity: +35.5 km/sec	V=6.813+/-0.1 TYPE=G0, B-V=0.655, E(B-V)=0, F-CONT(2713)=6.7e-13, F-LINE(2796)=2.4e-12, W-LINE(2796)=0.5	Reference Frame: ICRS

Comments: HST SPECTRUM: O6CO06XKQ
Radial velocity from Nordstroem+ 2004

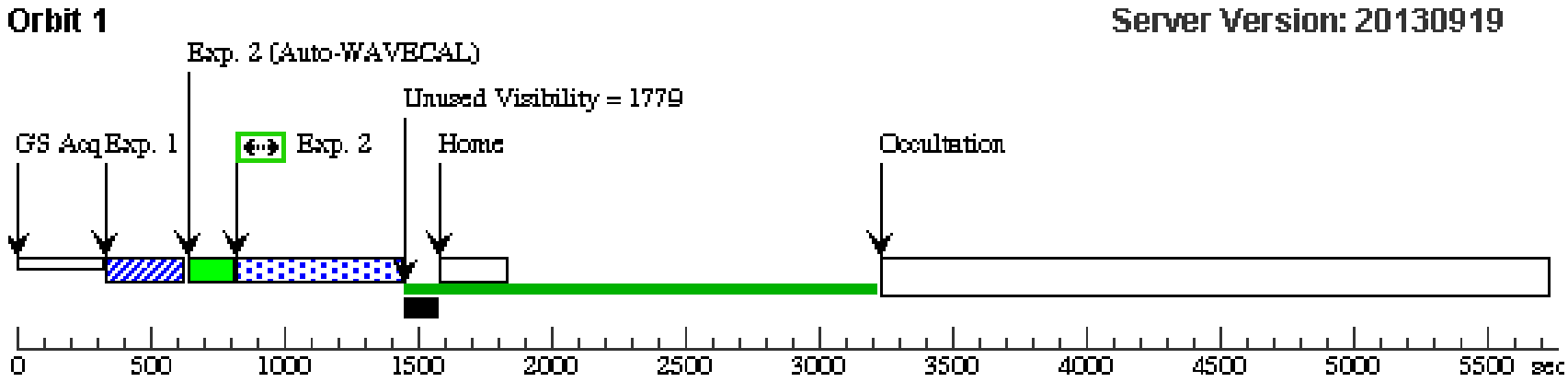
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(34) HD73350	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.5 Secs (0.5 Secs) *[==>]*	 ***[1]***

Comments: SNR = 158.9982
Brightest pixel = 10,645.45 e

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
2		(34) HD73350	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs) *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 35, implementation Thu Oct 03 01:16:12 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 35)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

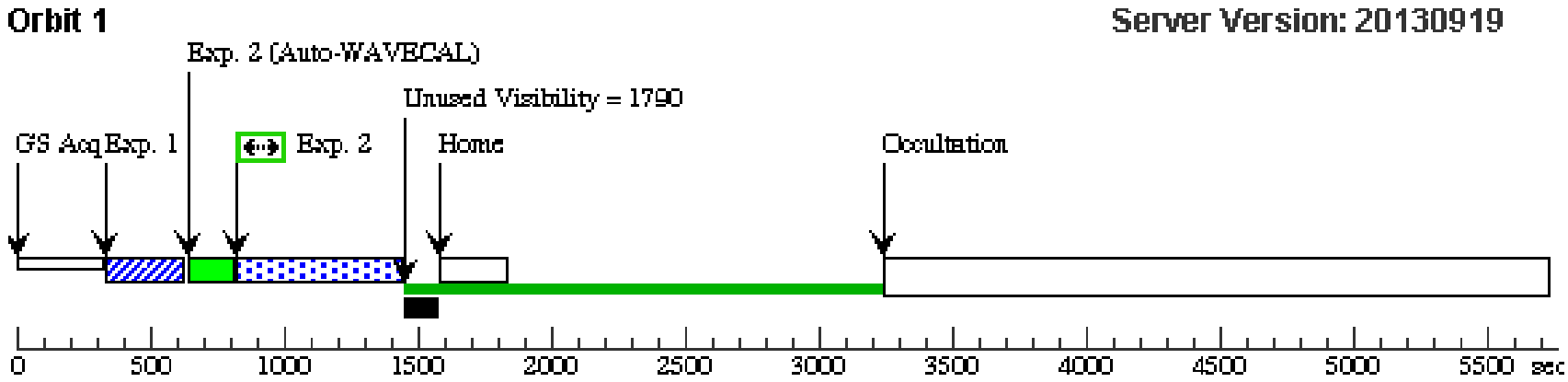
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(35)	HD128987	RA: 14 40 31.1741 (220.1298921d)	Proper Motion RA: -0.00777 sec of time/yr	V=7.312+/-0.1	Reference Frame: ICRS
	Alt Name1: HIP71743	Dec: -16 12 32.87 (-16.20913d)	Proper Motion Dec: -0.06521 arcsec/yr	TYPE=G6V,	
		Equinox: J2000	Parallax: 0.04243"	B-V=0.710,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: -23.3 km/sec	F-CONT(2713)=2.8e-13,	
				F-LINE(2796)=1.8e-12,	
				W-LINE(2796)=0.6	

Comments: HST SPECTRUM: O6CO04SJQ
Radial velocity from Nordstroem+ 2004

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(35) HD128987	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.7 Secs (0.7 Secs)	
								[==>]	***[1]***
Comments: SNR = 151.2633 *Brightest pixel = 9,484.90 e*									
2		(35) HD128987	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 36, implementation Thu Oct 03 01:16:12 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 36)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

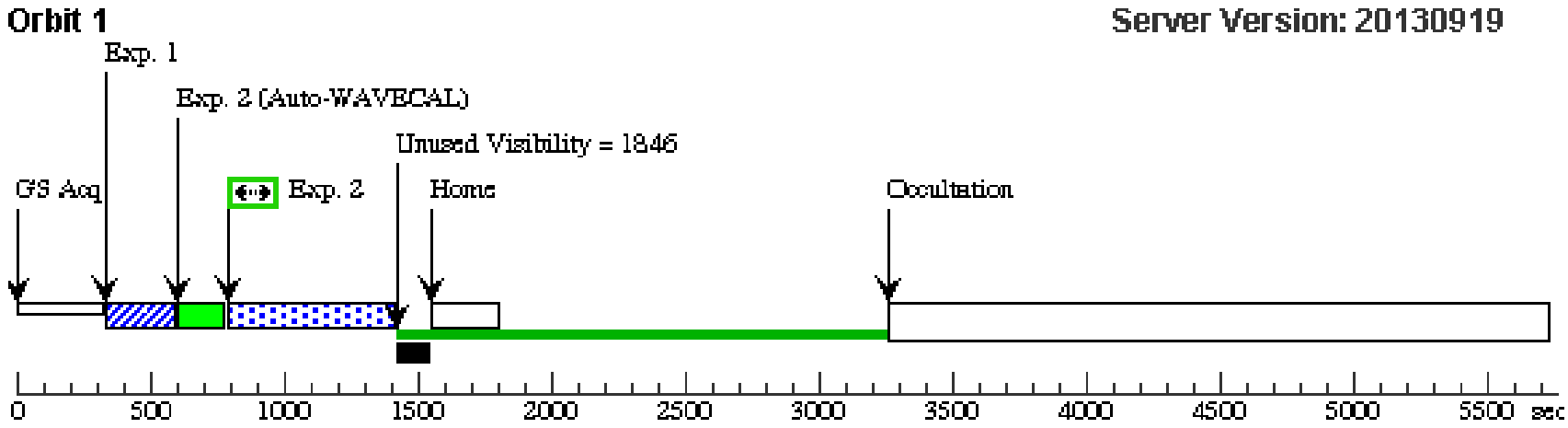
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(36)	HD33959C	RA: 05 15 23.6136 (78.8483900d)	Proper Motion RA: -0.00169 sec of time/yr	V=7.918+/-0.1	Reference Frame: ICRS
	Alt Name1: 14-AUR-C	Dec: +32 41 5.12 (32.68476d)	Proper Motion Dec: +0.01134 arcsec/yr	TYPE=A2,	
	Alt Name2: HIP24502	Equinox: J2000	Parallax: 0.03977"	B-V=0.410,	
			Epoch of Position: 1991.25	E(B-V)=0	
			Radial Velocity: -8.37 km/sec		

Comments: IUE SPECTRUM: LWP23959

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(36) HD33959C	STIS/CCD, ACQ, F28X50OII	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs)	
								[==>]	***[1]***
Comments: SNR = 152.9341 *Brightest pixel = 13,555.44 e*									
2		(36) HD33959C	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 37, implementation Thu Oct 03 01:16:13 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 37)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

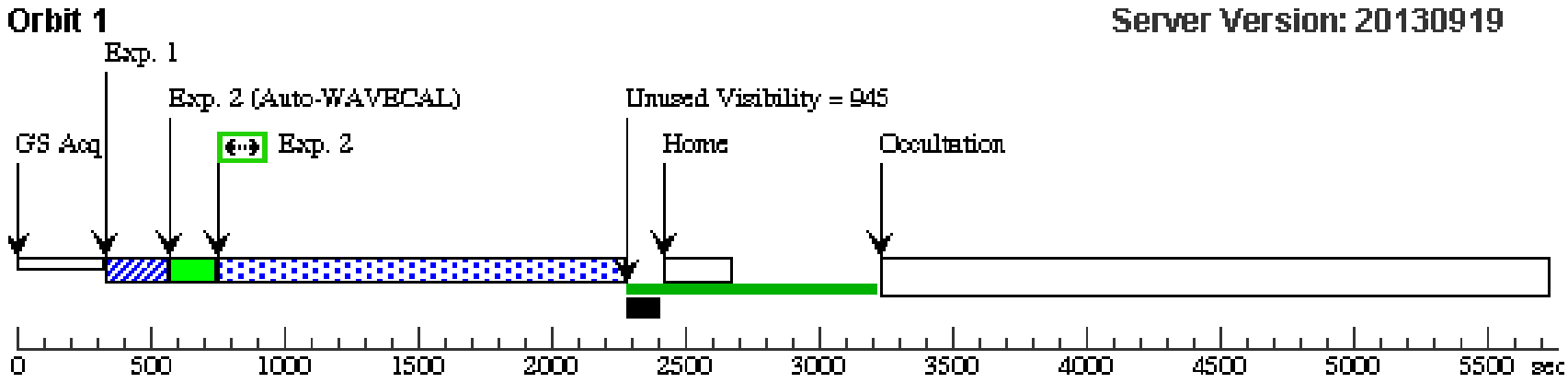
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(37)	WD0227+050	RA: 02 30 16.6245 (37.5692688d)	Proper Motion RA: +0.004789 sec of time/yr	V=12.798	Reference Frame: ICRS
	Alt Name1: GJ100.1	Dec: +05 15 50.68 (5.26408d)	Proper Motion Dec: -0.02560 arcsec/yr	TYPE=DA3,	
	Alt Name2: FEIGE22	Equinox: J2000	Parallax: 0.03752"	B-V=-0.052,	
			Epoch of Position: 2000.0	E(B-V)=0	
			Radial Velocity: -7 km/sec		

Comments: IUE SPECTRUM: LWP04052

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(37) WD0227+050	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.8 Secs (0.8 Secs)	
								[==>]	***[1]***
Comments: SNR = 154.5276 *Brightest pixel = 9,972.48 e*									
2		(37) WD0227+050	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 38, implementation Thu Oct 03 01:16:13 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 38)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

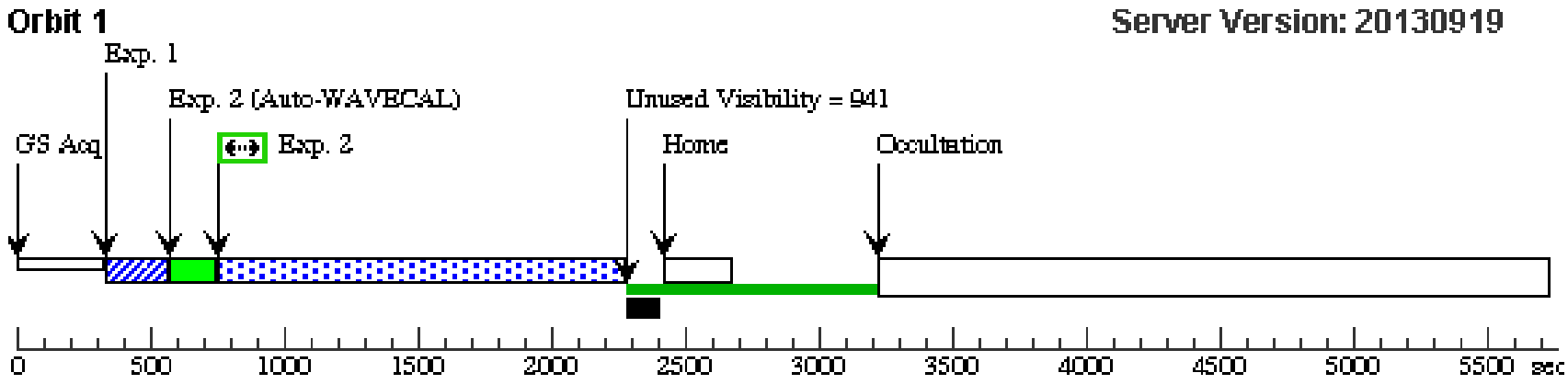
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(38)	WD2149+021	RA: 21 52 25.3819 (328.1057579d)	Proper Motion RA: +0.001351 sec of time/yr	V=12.743	Reference Frame: ICRS
	Alt Name1: GJ838.4	Dec: +02 23 19.54 (2.38876d)	Proper Motion Dec: -0.30455 arcsec/yr	TYPE=DAZ3,	
		Equinox: J2000	Parallax: 0.03751"	B-V=-0.011,	
			Epoch of Position: 2000.0	E(B-V)=0	

Comments: IUE SPECTRUM: LWP08367

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(38) WD2149+021	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.8 Secs (0.8 Secs)	
								[==>]	***[1]***
Comments: SNR = 158.5818 *Brightest pixel = 10,490.67 e*									
2		(38) WD2149+021	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 39, implementation Thu Oct 03 01:16:13 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 39)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

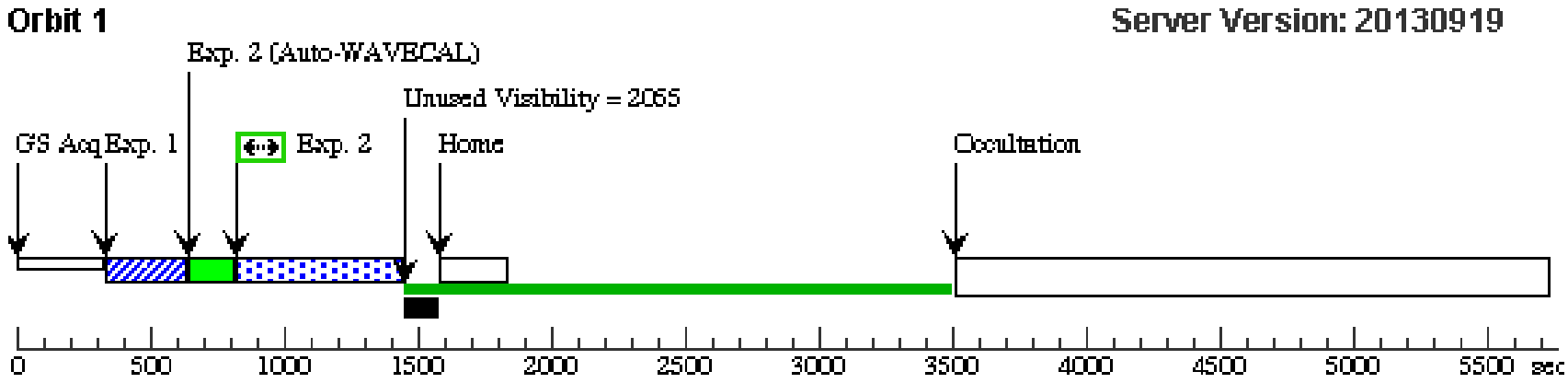
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(39)	HD129333	RA: 14 39 0.4040 (219.7516833d)	Proper Motion RA: -0.02143 sec of time/yr	V=7.674+/-0.1	Reference Frame: ICRS
	Alt Name1: EK-DRA	Dec: +64 17 29.95 (64.29165d)	Proper Motion Dec: -0.01192 arcsec/yr	TYPE=F8,	
	Alt Name2: HIP71631	Equinox: J2000	Parallax: 0.02946"	B-V=0.626,	
			Epoch of Position: 1991.25	E(B-V)=0	
			Radial Velocity: -30.5 km/sec		

Comments: IUE SPECTRUM: LWP23229

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(39) HD129333	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			1.1 Secs (1.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 157.4046 *Brightest pixel = 10,510.12 e*									
2		(39) HD129333	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 40, implementation Thu Oct 03 01:16:14 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 40)) Warning (Form): Sensitive exposures should have an ETC run number provided.

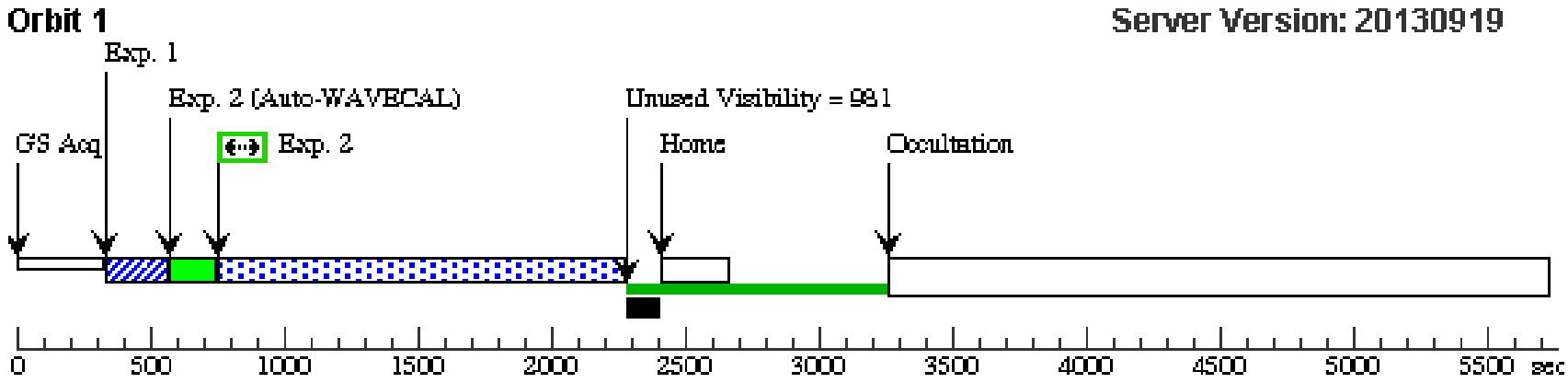
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(40)	CE-ANT	RA: 10 42 30.0640 (160.6252667d)	Proper Motion RA: -0.009786 sec of time/yr	V=10.91	Reference Frame: ICRS
	Alt Name1: TWA7	Dec: -33 40 16.62 (-33.67128d)	Proper Motion Dec: -0.0293 arcsec/yr	TYPE=M2V,	
		Equinox: J2000	Parallax: 0.0263"	B-V=1.3,	
			Epoch of Position: 2000.0	E(B-V)=0	
			Radial Velocity: 11.4 km/sec		

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(40) CE-ANT	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 287.4074 *Brightest pixel = 27,815.91 e*									
2		(40) CE-ANT	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 41, implementation Thu Oct 03 01:16:14 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 41)) Warning (Form): Sensitive exposures should have an ETC run number provided.

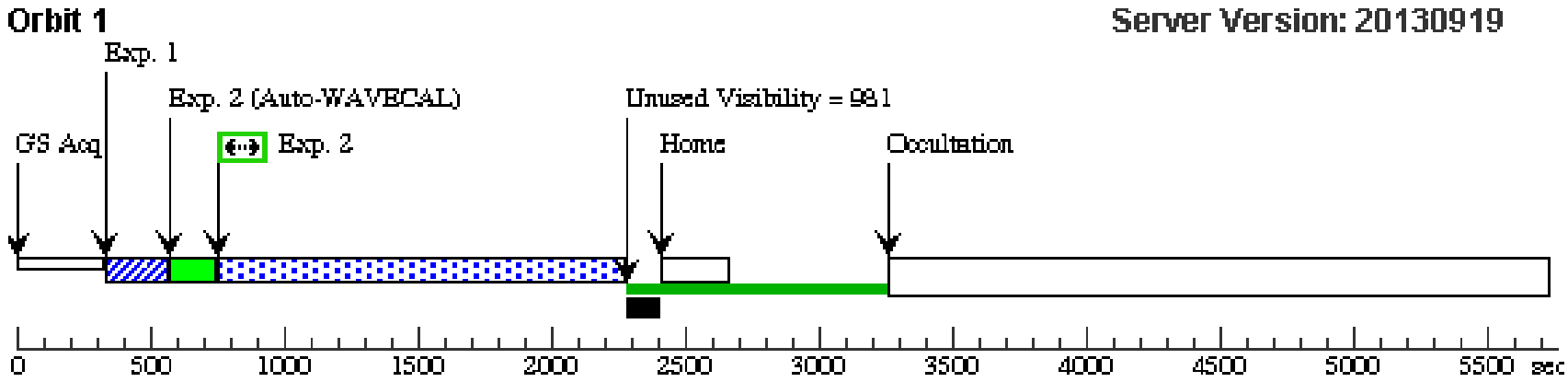
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(41)	CD-34D7390 Alt Name1: TWA13	RA: 11 21 17.2400 (170.3218333d) Dec: -34 46 45.50 (-34.77931d) Equinox: J2000	Proper Motion RA: -0.005471 sec of time/yr Proper Motion Dec: -0.0170 arcsec/yr Parallax: 0.0172" Epoch of Position: 2000.0	V=12.1 TYPE=M1, E(B-V)=0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(41) CD-34D7390	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.2 Secs (0.2 Secs) *[==>]*	 ***[1]***
Comments: SNR = 209.9091 *Brightest pixel = 15,526.67 e*									
2		(41) CD-34D7390	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs) *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 42, implementation Thu Oct 03 01:16:15 GMT 2013

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Fixed Targets

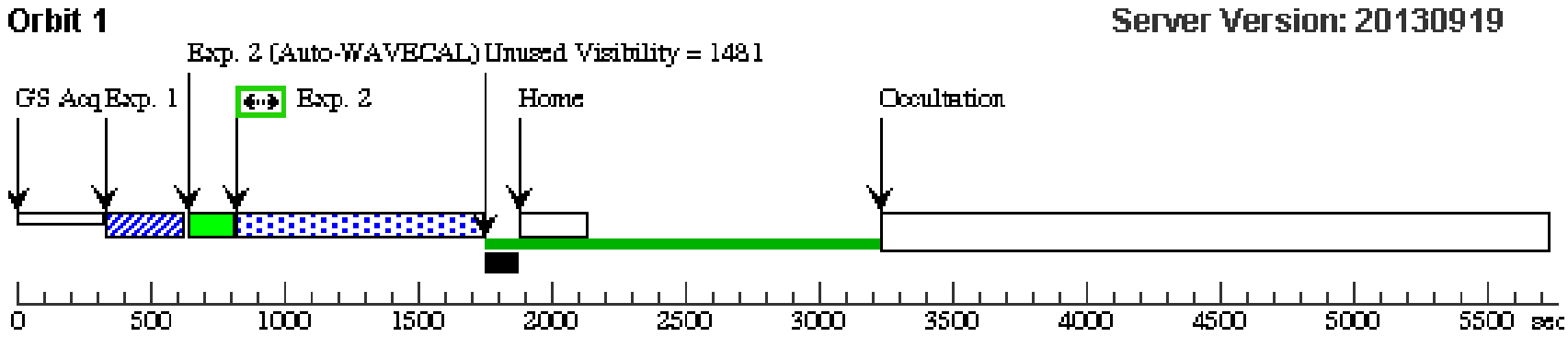
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(42)	HD26462	RA: 04 11 20.1957 (62.8341488d)	Proper Motion RA: +0.00982 sec of time/yr	V=5.748+/-0.1	Reference Frame: ICRS
	Alt Name1: 45-TAU	Dec: +05 31 22.93 (5.52304d)	Proper Motion Dec: +0.0050 arcsec/yr	TYPE=F4V,	
	Alt Name2: HR1292	Equinox: J2000	Parallax: 0.02589"	B-V=0.360,	
			Epoch of Position: 1991.25	E(B-V)=0	
			Radial Velocity: +36.6 km/sec		

Comments: IUE SPECTRUM: LWP21530
*This target leads to a Health and Safety flag for the global count rate when run through the BOT. Hipparcos identifies this object as a F4V star. The Hipparcos B-V color is consistent with a F star and is measured at 0.360. Although the BOT has the appropriate B-V color (listed at 0.32), it has an incorrect spectral type of "**O5V**". If the BOT is using the spectral type of an O5V star, then it is grossly overestimating the flux. Using IUE observations of this target (LWP21530), there should be little to no risk of approaching these flux limits. Indeed, my estimates are <47,700 counts/sec over the entire detector (ETC# = STIS.sp.518403).*

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(42) HD26462	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.2 Secs (0.2 Secs)	
								[==>]	***[1]***
Comments: SNR = 159.1810 *Brightest pixel = 10,989.14 e*									
2	(STIS.sp.518403)	(42) HD26462	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 43, implementation Thu Oct 03 01:16:15 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 43)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

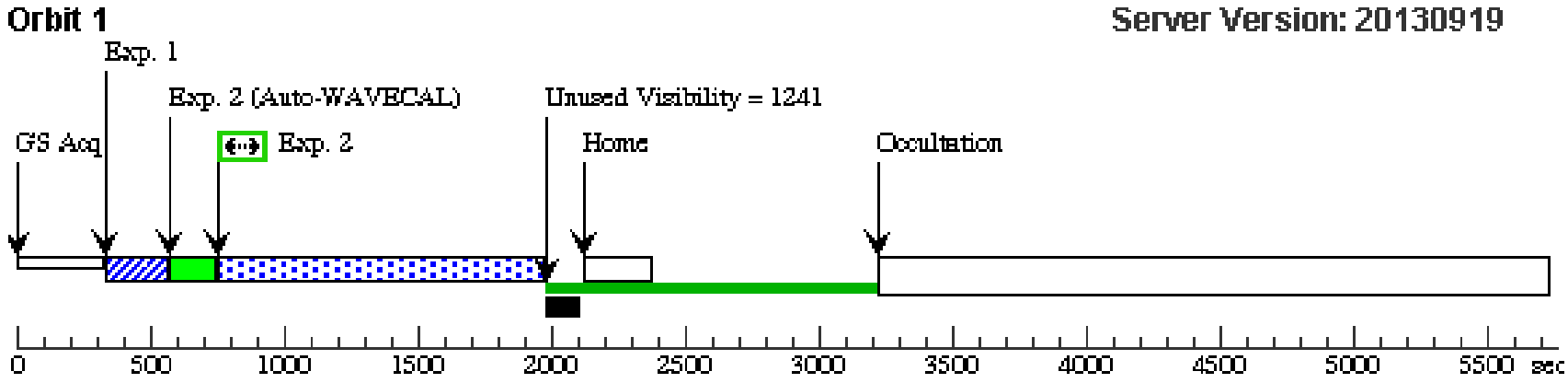
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(43)	WD0859-039	RA: 09 02 17.3000 (135.5720833d) Dec: -04 07 12.00 (-4.12000d) Equinox: J2000	Proper Motion RA: -0.00087 sec of time/yr Proper Motion Dec: -0.009 arcsec/yr Parallax: 0.0258" Epoch of Position: 2000.0	V=12.4 TYPE=DA, E(B-V)=0	Reference Frame: ICRS

Comments: No stars were identified by the BOT in the observed field. DSS images clearly indicate an isolated target star.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(43) WD0859-039	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.6 Secs (0.6 Secs) *[==>]*	 ***[1]***
Comments: SNR = 160.8857 *Brightest pixel = 10,791.05 e*									
2		(43) WD0859-039	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs) *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 44, implementation Thu Oct 03 01:16:15 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 44)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

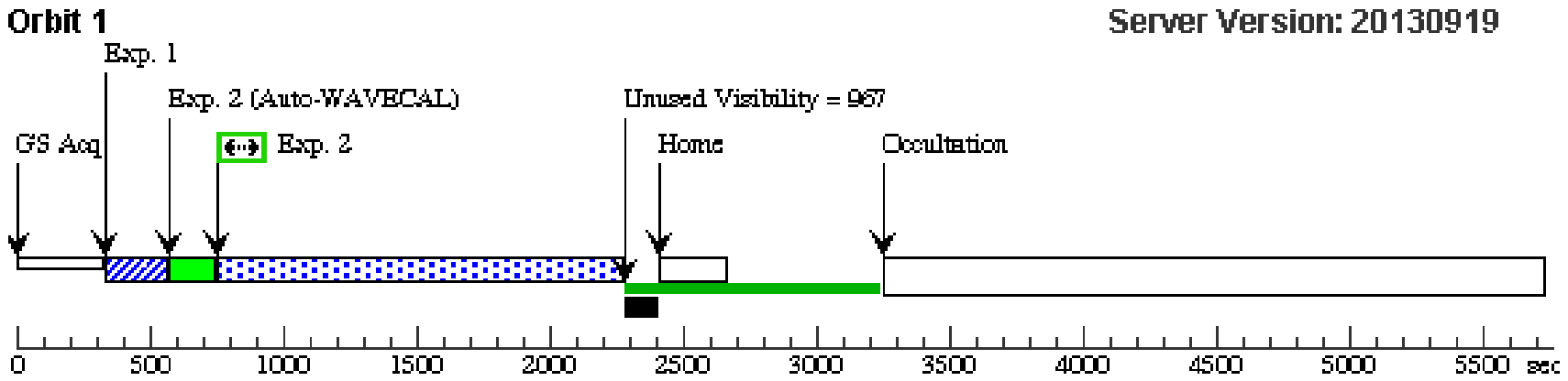
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(44)	HD283654 Alt Name1: DF-TAU Alt Name2: HIP20777	RA: 04 27 2.7860 (66.7616083d) Dec: +25 42 22.56 (25.70627d) Equinox: J2000	Proper Motion RA: +0.00095 sec of time/yr Proper Motion Dec: -0.01909 arcsec/yr Parallax: 0.02572" Epoch of Position: 1991.25 Radial Velocity: +15 km/sec	V=11.0+/-0.34 TYPE=M0-M3Ve(T), B-V=1.470, E(B-V)=0, F-CONT(2713)=1.9e-14, F-LINE(2796)=3.9e-13, W-LINE(2796)=1.2	Reference Frame: ICRS

Comments: HST SPECTRUM: O5KC01020
Radial velocity from Calvet+ 2004

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(44) HD283654	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs) *[==>]*	 ***[1]***
Comments: SNR = 246.7605 *Brightest pixel = 21,381.99 e*									
2		(44) HD283654	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs) *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 45, implementation Thu Oct 03 01:16:16 GMT 2013

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(45)	HD24357	RA: 03 53 9.9585 (58.2914938d)	Proper Motion RA: +0.0099 sec of time/yr	V=5.95+/-0.1	Reference Frame: ICRS
	Alt Name1: HR1201	Dec: +17 19 37.76 (17.32716d)	Proper Motion Dec: -0.03 arcsec/yr	TYPE=F4V,	
	Alt Name2: HIP18170	Equinox: J2000	Parallax: 0.02414"	B-V=0.354,	
			Epoch of Position: 1991.25	E(B-V)=0	
			Radial Velocity: +35.0 km/sec		

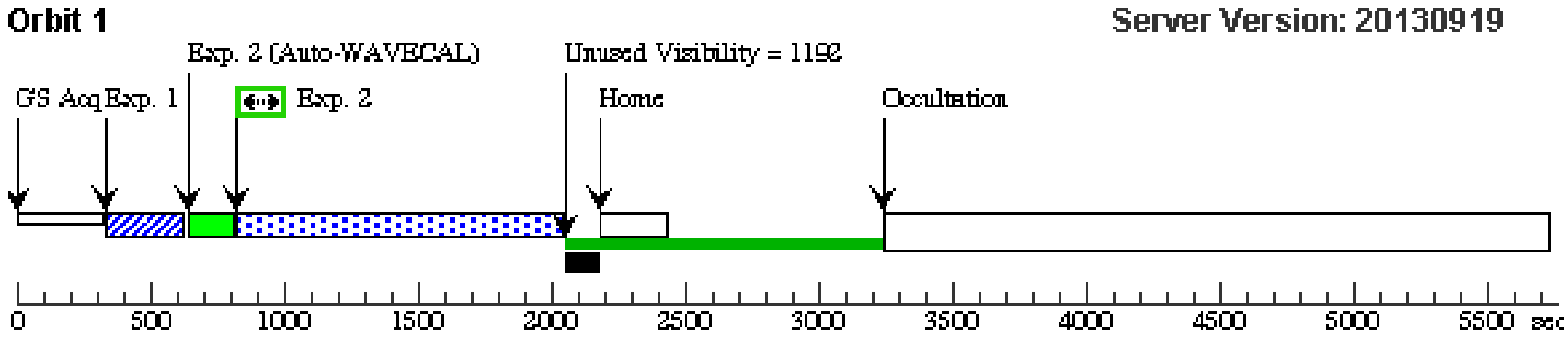
Comments: Spectral Type: F4V Bright Star Catalogue, 5th Revised Ed. (Hoffleit+, 1991);Spectral Type: F0 Henry Draper Catalogue and Extension (Cannon+ 1918-1924; ADC 1989);Spectral Type: F4V Hipparcos Input Catalogue, Version 2 (Turon+ 1993);V: V=5.95 1967ApJ...149...55D;V: V=5.97 Bright Star Catalogue, 5th Revised Ed. (Hoffleit+, 1991);V: V=5.96 Henry Draper Catalogue and Extension (Cannon+ 1918-1924; ADC 1989)

*This target leads to a Health and Safety flag for the global count rate when run through the BOT. Several sources identify this object as a F4V star (Hoffleit+, 1991, Cannon+ 1918-1924; ADC 1989). The Hipparcos B-V color is consistent with a F star and is measured at 0.354. Although the BOT has the appropriate B-V color (listed at 0.31), it has an incorrect spectral type of "**O5V**". If the BOT is using the spectral type of an O5V star, then it is grossly overestimating the flux. Using stellar models as template spectra in the STIS ETC, there should be little to no risk of approaching these flux limits. Indeed, my estimates are <28,000 counts/sec over the entire detector (ETC# = STIS.sp.518404).*

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(45) HD24357	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***
		Comments: SNR = 178.0203							
		Brightest pixel = 13,685.32 e							
2	(STIS.sp.518404)	(45) HD24357	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 46, implementation Thu Oct 03 01:16:16 GMT 2013

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Fixed Targets

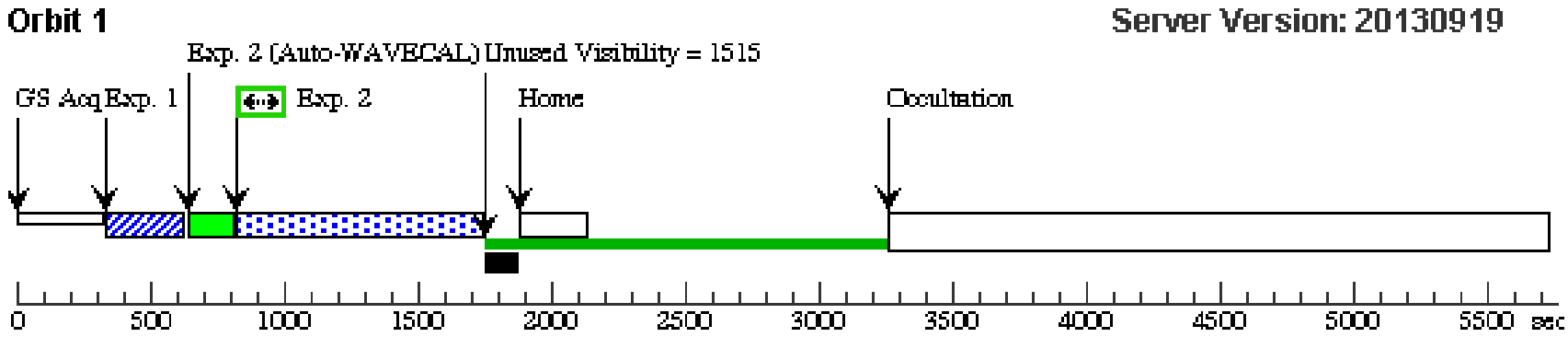
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(46)	HD27786	RA: 04 24 37.4241 (66.1559338d)	Proper Motion RA: +0.00452 sec of time/yr	V=5.785+/-0.1	Reference Frame: ICRS
	Alt Name1: 56-PER	Dec: +33 57 35.60 (33.95989d)	Proper Motion Dec: -0.08307 arcsec/yr	TYPE=F4V,	
	Alt Name2: HR1379	Equinox: J2000	Parallax: 0.024"	B-V=0.400,	
			Epoch of Position: 1991.25	E(B-V)=0	
			Radial Velocity: -31.8 km/sec		

Comments: IUE SPECTRUM: LWP29388
*This target leads to a Health and Safety flag for the global count rate when run through the BOT. Hipparcos identifies this object as a F4V star. The Hipparcos B-V color is consistent with a F star and is measured at 0.400. Although the BOT has the appropriate B-V color (listed at 0.35), it has an incorrect spectral type of "**O5V**". If the BOT is using the spectral type of an O5V star, then it is grossly overestimating the flux. Using IUE observations of this target (LWP29388), there should be little to no risk of approaching these flux limits. Indeed, my estimates are <45,100 counts/sec over the entire detector (ETC# = STIS.sp.518410).*

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(46) HD27786	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.2 Secs (0.2 Secs)	
								[==>]	***[1]***
Comments: SNR = 156.4327 *Brightest pixel = 10,620.96 e*									
2	(STIS.sp.518410)	(46) HD27786	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 47, implementation Thu Oct 03 01:16:16 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 47)) Warning (Form): Sensitive exposures should have an ETC run number provided.

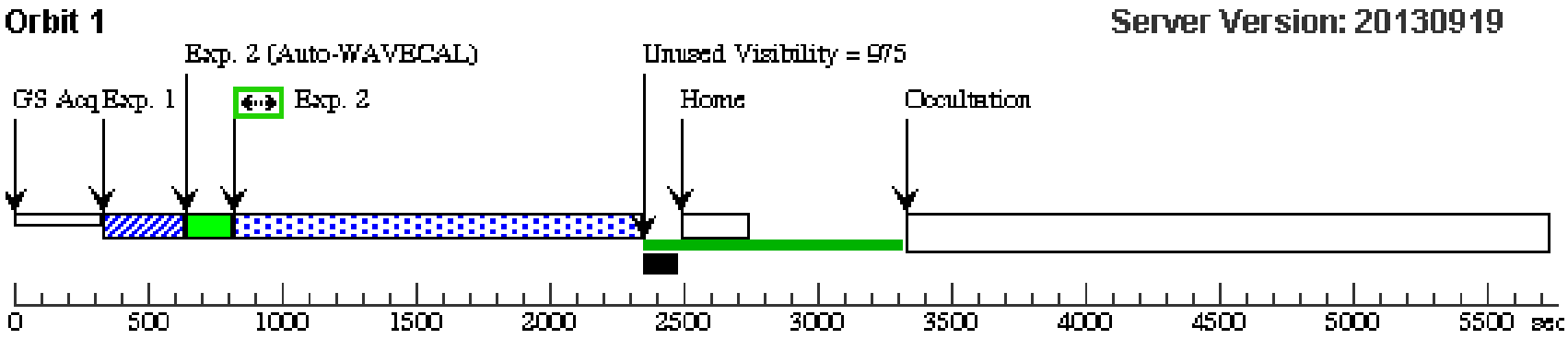
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(47)	HD83443 Alt Name1: HIP47202 Alt Name2: GSC07704-00039	RA: 09 37 11.8101 (144.2992088d) Dec: -43 16 18.88 (-43.27191d) Equinox: J2000	Proper Motion RA: +0.00211 sec of time/yr Proper Motion Dec: -0.12076 arcsec/yr Parallax: 0.02297" Epoch of Position: 1991.25 Radial Velocity: +27.6 km/sec	V=8.322+/-0.1 TYPE=K0V, B-V=0.811, E(B-V)=0, F-CONT(2713)=9.3e-14, F-LINE(2796)=1.9e-12, W-LINE(2796)=0.5	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(47) HD83443	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			1.7 Secs (1.7 Secs)	
								[==>]	***[1]***
Comments: SNR = 153.0242 *Brightest pixel = 9,515.63 e*									
2		(47) HD83443	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 48, implementation

Thu Oct 03 01:16:17 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 48)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

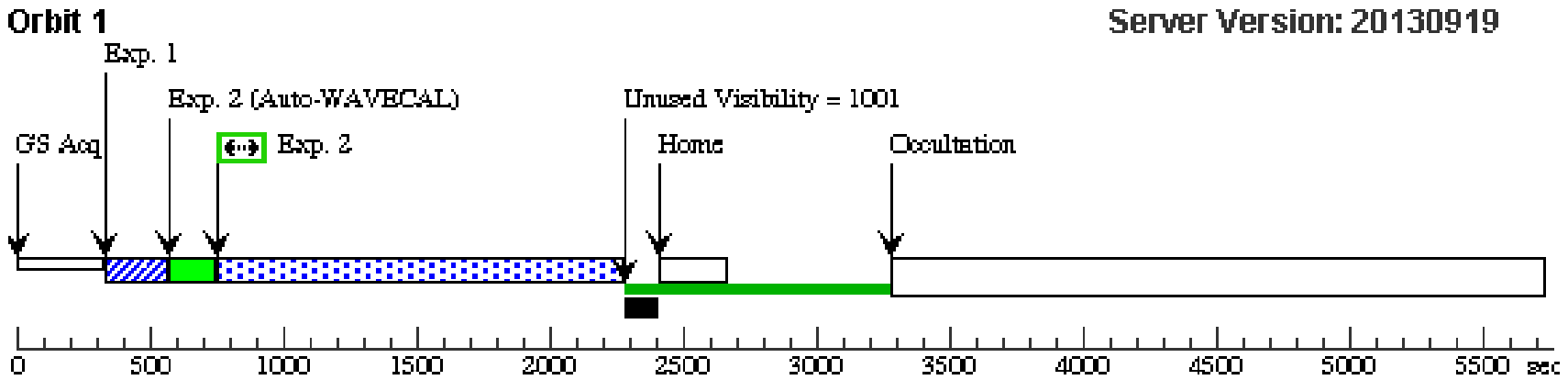
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(48)	HD197890 Alt Name1: SPEEDY-MIC Alt Name2: BO-MIC	RA: 20 47 44.9984 (311.9374933d) Dec: -36 35 40.13 (-36.59448d) Equinox: J2000	Proper Motion RA: +0.00095 sec of time/yr Proper Motion Dec: -0.08066 arcsec/yr Parallax: 0.02252" Epoch of Position: 1991.25 Radial Velocity: -6.5 km/sec	V=9.543+/-0.1 TYPE=K0V, B-V=0.939, E(B-V)=0, F-CONT(2713)=2.6e-14, F-LINE(2796)=3.0e-13, W-LINE(2796)=2.4	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWP22811

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(48) HD197890	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 360.2829 *Brightest pixel = 48,804.87 e*									
2		(48) HD197890	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 49, implementation Thu Oct 03 01:16:17 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 49)) Warning (Form): Sensitive exposures should have an ETC run number provided.

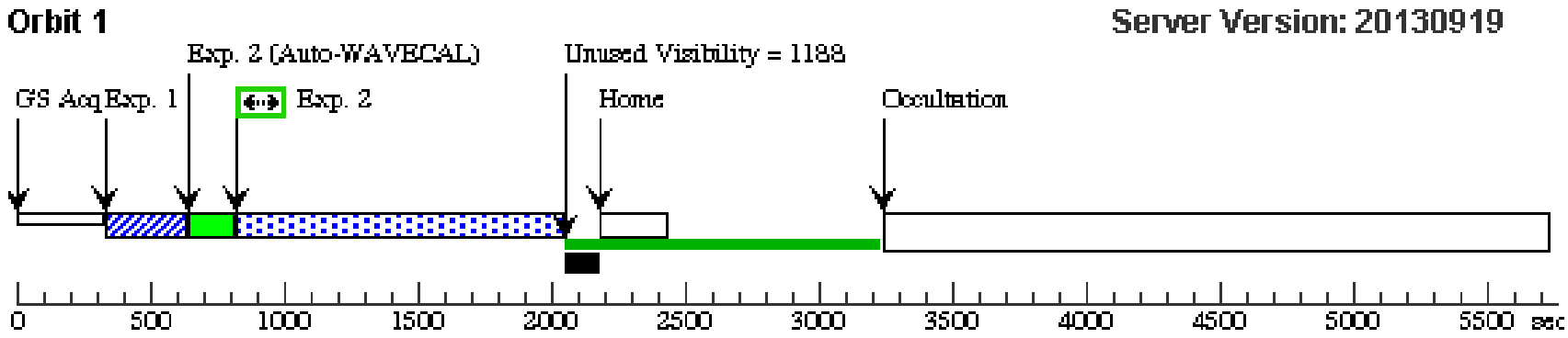
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(49)	HD25825	RA: 04 06 16.1275 (61.5671979d) Dec: +15 41 53.22 (15.69812d) Equinox: J2000	Proper Motion RA: +0.00820 sec of time/yr Proper Motion Dec: -0.02070 arcsec/yr Parallax: 0.02177" Epoch of Position: 2000.0 Radial Velocity: 36.1 km/sec	V=7.811 TYPE=G0, B-V=0.605, E(B-V)=0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(49) HD25825	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			1.2 Secs (1.2 Secs)	
								[==>]	***[1]***
Comments: SNR = 155.4839 *Brightest pixel = 10,190.04 e*									
2		(49) HD25825	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 50, implementation Thu Oct 03 01:16:17 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 50)) Warning (Form): Sensitive exposures should have an ETC run number provided.

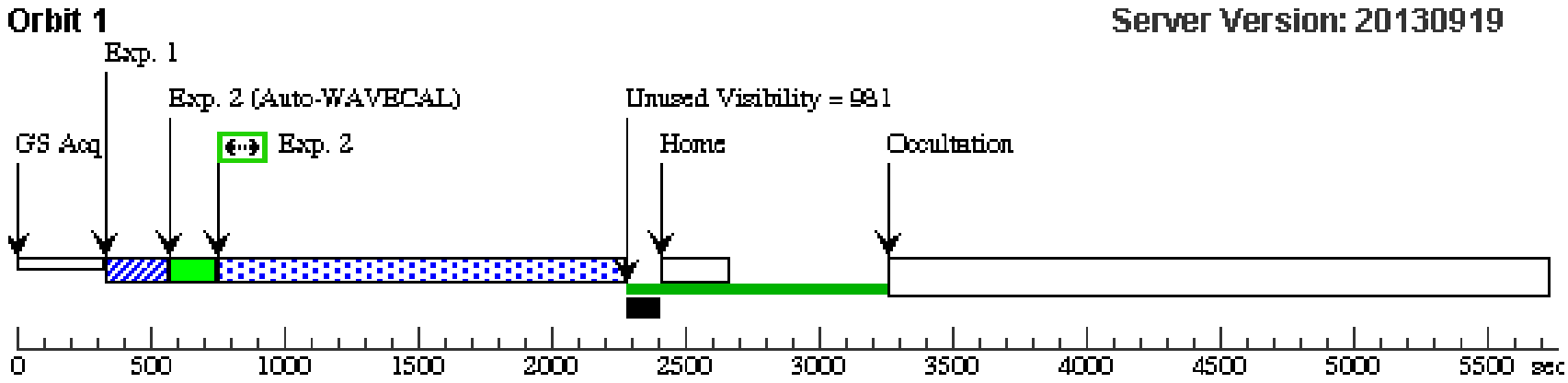
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(50)	CD-29D8887	RA: 11 09 13.7970 (167.3074875d)	Proper Motion RA: -0.00693 sec of time/yr	V=11.13	Reference Frame: ICRS
	Alt Name1: TWA2	Dec: -30 01 39.88 (-30.02774d)	Proper Motion Dec: -0.0211 arcsec/yr	TYPE=M2V,	
		Equinox: J2000	Parallax: 0.0217"	B-V=1.82,	
			Epoch of Position: 2000.0	E(B-V)=0	
			Radial Velocity: 12.1 km/sec		

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(50) CD-29D8887	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 260.7230 *Brightest pixel = 22,924.15 e*									
2		(50) CD-29D8887	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H				1500 Secs (1500 Secs)	
				2713 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 51, implementation Thu Oct 03 01:16:18 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 51)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

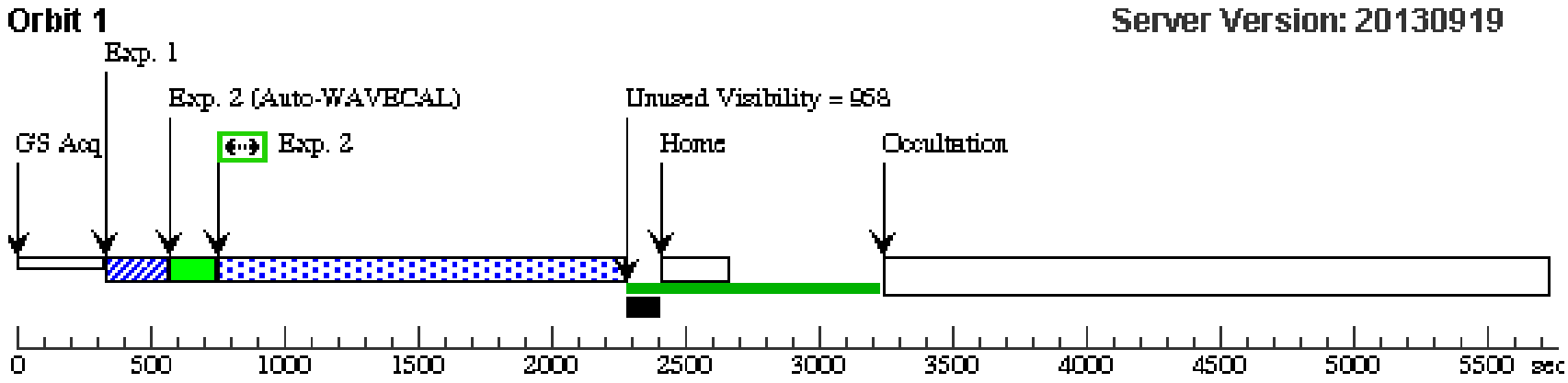
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(51)	BD+16D516 Alt Name1: V471-TAU Alt Name2: HIP17962	RA: 03 50 24.8891 (57.6037046d) Dec: +17 14 47.63 (17.24656d) Equinox: J2000	Proper Motion RA: +0.00906 sec of time/yr Proper Motion Dec: -0.0233 arcsec/yr Parallax: 0.02137" Epoch of Position: 1991.25 Radial Velocity: +23.0 km/sec	V=9.558+/-0.1 TYPE=K0Vea + DA, B-V=0.782, E(B-V)=0, F-CONT(2713)=2.2e-14, F-LINE(2796)=2.8e-13, W-LINE(2796)=2.4	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWR05683

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(51) BD+16D516	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs) *[==>]*	 ***[1]***
Comments: SNR = 357.7918 *Brightest pixel = 48,135.24 e*									
2		(51) BD+16D516	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs) *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 52, implementation Thu Oct 03 01:16:18 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 52)) Warning (Form): Sensitive exposures should have an ETC run number provided.

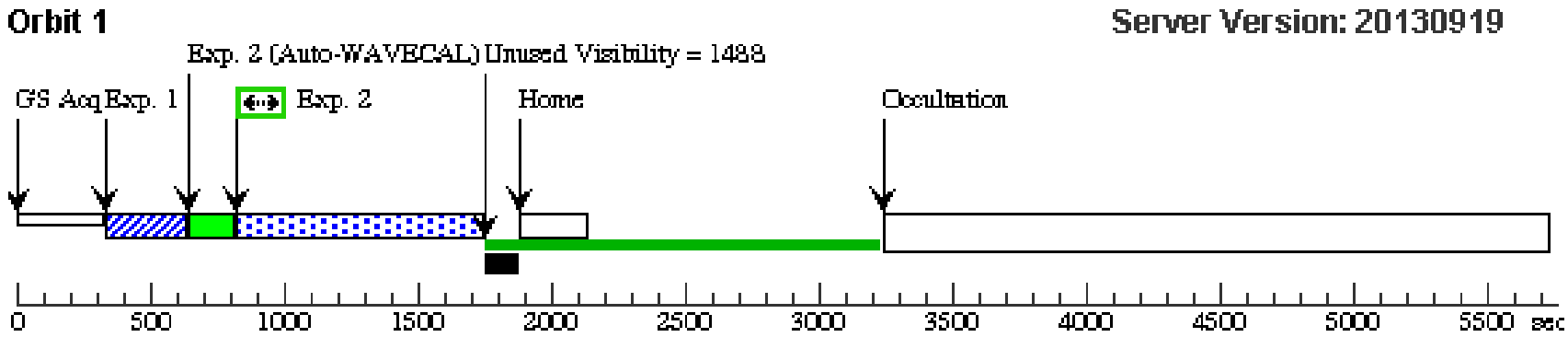
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(52)	HD209458	RA: 22 03 10.7545 (330.7948104d)	Proper Motion RA: +0.00201 sec of time/yr	V=7.703+/-0.1	Reference Frame: ICRS
	Alt Name1: V376-PEG	Dec: +18 53 3.71 (18.88436d)	Proper Motion Dec: -0.01837 arcsec/yr	TYPE=F8,	
	Alt Name2: HIP108859	Equinox: J2000	Parallax: 0.02124"	B-V=0.594,	
			Epoch of Position: 1991.25	E(B-V)=0	
			Radial Velocity: -14.8 km/sec		

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(52) HD209458	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			1.1 Secs (1.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 155.2698 *Brightest pixel = 10,233.11 e*									
2		(52) HD209458	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 53, implementation Thu Oct 03 01:16:19 GMT 2013

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Fixed Targets

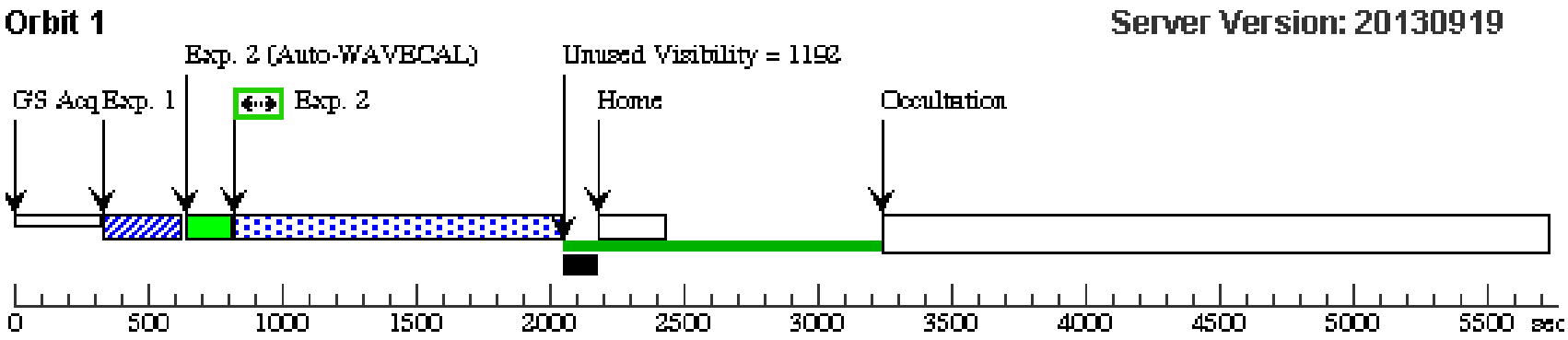
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(53)	HD27901	RA: 04 24 57.0597 (66.2377488d)	Proper Motion RA: +0.00774 sec of time/yr	V=5.97+/-0.1	Reference Frame: ICRS
	Alt Name1: HR1385	Dec: +19 02 31.53 (19.04209d)	Proper Motion Dec: -0.0325 arcsec/yr	TYPE=F4V,	
	Alt Name2: HIP20614	Equinox: J2000	Parallax: 0.0204"	B-V=0.378,	
			Epoch of Position: 1991.25	E(B-V)=0	
			Radial Velocity: +36.6 km/sec		

Comments: Spectral Type: F4V 1950ApJ...111...65E;Spectral Type: F4V Bright Star Catalogue, 5th Revised Ed. (Hoffleit+, 1991);Spectral Type: F4V Hipparcos Input Catalogue, Version 2 (Turon+ 1993);V: V=5.97 1966CoLPL...4...99J;V: V=6.03 1967MmKyo..31...93I;V: V=5.98 Bright Star Catalogue, 5th Revised Ed. (Hoffleit+, 1991)
*This target leads to a Health and Safety flag for the global count rate when run through the BOT. Several sources identify this object as a F4V star (Hoffleit+, 1991, Turon+ 1993). The Hipparcos B-V color is consistent with a F star and is measured at 0.378. Although the BOT has the appropriate B-V color (listed at 0.34), it has an incorrect spectral type of "**O5V**". If the BOT is using the spectral type of an O5V star, then it is grossly overestimating the flux. Using stellar models as template spectra in the STIS ETC, there should be little to no risk of approaching these flux limits. Indeed, my estimates are <28,000 counts/sec over the entire detector (ETC# = STIS.sp.518411).*

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(53) HD27901	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***
		Comments: SNR = 176.3594 *Brightest pixel = 13,435.54 e*							
2	(STIS.sp.518411)	(53) HD27901	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 54, implementation Thu Oct 03 01:16:19 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 54)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

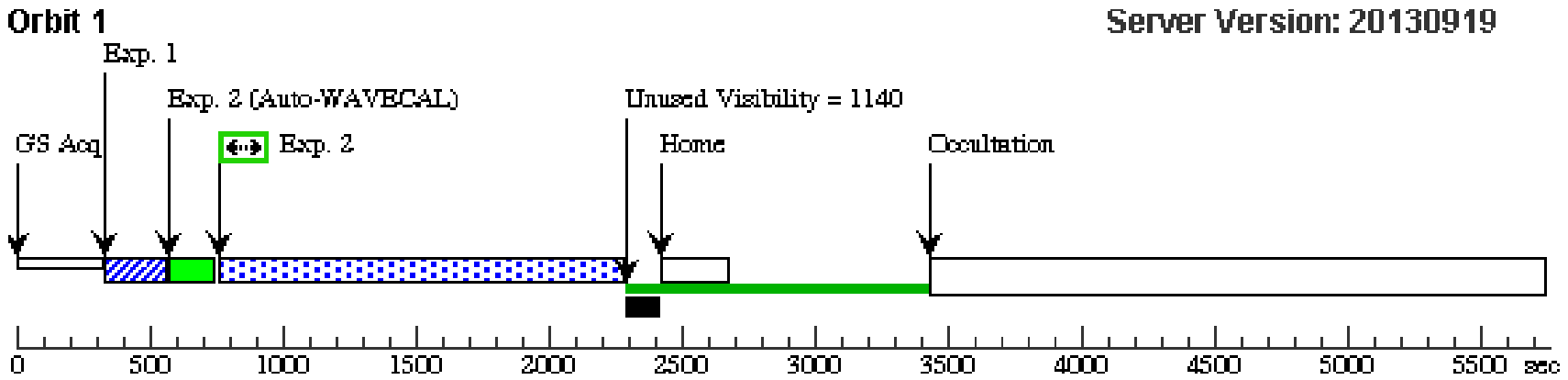
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(54)	WD2111+498	RA: 21 12 44.0511 (318.1835462d)	Proper Motion RA: +0.0064 sec of time/yr	V=13.09+/-0.1	Reference Frame: ICRS
	Alt Name1: GD394	Dec: +50 06 17.85 (50.10496d)	Proper Motion Dec: -0.0150 arcsec/yr	TYPE=DAw,	
		Equinox: J2000	Parallax: 0.02"	B-V=-0.24,	
			Epoch of Position: 2000.00	E(B-V)=0,	
			Radial Velocity: +27 km/sec	F-CONT(2713)=2.3e-13	

Comments: IUE SPECTRUM: LWR10665
Coordinates from 2MASS catalog (Cutri+ 2003)
Proper motion from GSC 2 catalog on STScI website
Radial velocity from Dupuis+ 2000

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(54) WD2111+498	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.0 Secs (1 Secs)	
								[==>]	***[1]***
Comments: SNR = 150.9474 *Brightest pixel = 9,526.07 e*									
2		(54) WD2111+498	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 55, implementation Thu Oct 03 01:16:19 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 55)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(55)	WD2211-495 Alt Name1: GSC08441-01261	RA: 22 14 11.9140 (333.5496417d) Dec: -49 19 27.26 (-49.32424d) Equinox: J2000	Proper Motion RA: +0.0008 sec of time/yr Proper Motion Dec: -0.0715 arcsec/yr Parallax: 0.019" Epoch of Position: 2000.0 Radial Velocity: +32.5 km/sec	V=11.4+/-0.4 TYPE=DA, B-V=-0.40, E(B-V)=0, F-CONT(2713)=1.0e-12	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWP29191
Coordinates and proper motions from Tycho-2 catalog (Hog+ 2000) + SIMBAD
Radial velocity from Vennes+ 1999

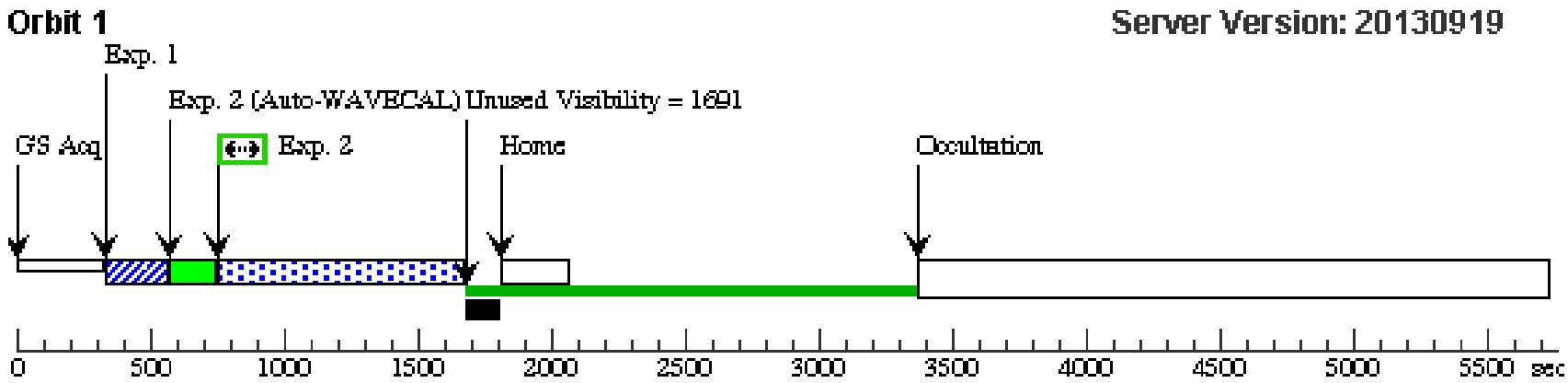
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(55) WD2211-495	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***

Comments: SNR = 180.6964
Brightest pixel = 13,552.92 e

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
2		(55) WD2211-495	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 56, implementation Thu Oct 03 01:16:20 GMT 2013

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Fixed Targets

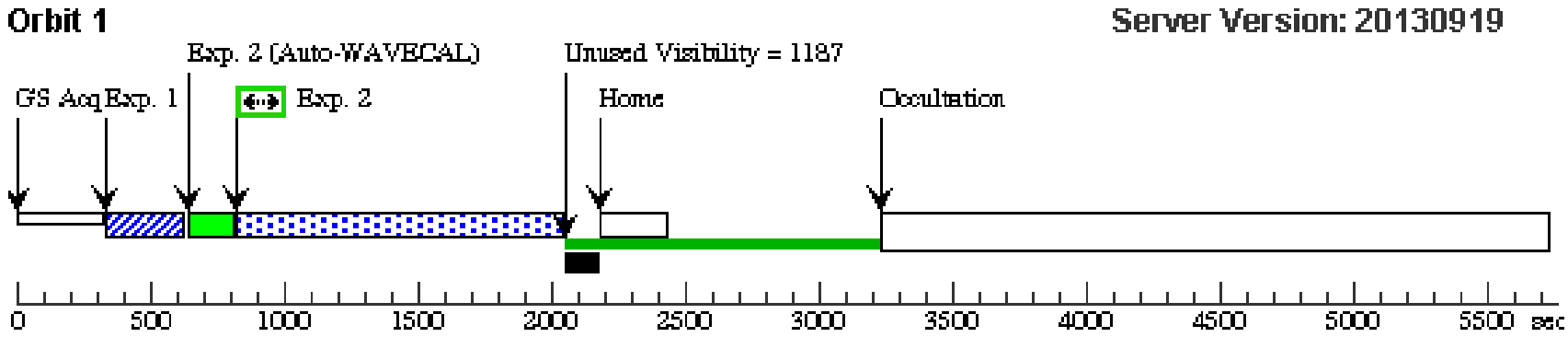
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(56)	HD32008	RA: 04 59 50.4409 (74.9601704d)	Proper Motion RA: +0.00137 sec of time/yr	V=5.48+/-0.1	Reference Frame: ICRS
	Alt Name1: 63-ERI	Dec: -10 15 46.77 (-10.26299d)	Proper Motion Dec: -0.13675 arcsec/yr	TYPE=G4V,	
	Alt Name2: HR1608	Equinox: J2000	Parallax: 0.01829"	B-V=0.797,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: -12.0 km/sec	F-CONT(2713)=2.8e-13,	
				F-LINE(2796)=1.0e-11,	
				W-LINE(2796)=0.6	

Comments: IUE SPECTRUM: LWP24682
*This target leads to a Health and Safety flag for the global count rate when run through the BOT. Hipparcos identifies this object as a G4V star. The Hipparcos B-V color is consistent with a G star and is measured at 0.797. Although the BOT has the appropriate B-V color (listed at 0.76), it has an incorrect spectral type of "**O5V**". If the BOT is using the spectral type of an O5V star, then it is grossly overestimating the flux. Using IUE observations of this target (LWP24682), there should be little to no risk of approaching these flux limits. Indeed, my estimates are <4,000 counts/sec over the entire detector (ETC# = STIS.sp.518412).*

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(56) HD32008	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.2 Secs (0.2 Secs)	
								[==>]	***[1]***
Comments: SNR = 188.7746 *Brightest pixel = 14,647.52 e*									
2	(STIS.sp.518412)	(56) HD32008	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 57, implementation Thu Oct 03 01:16:20 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 57)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

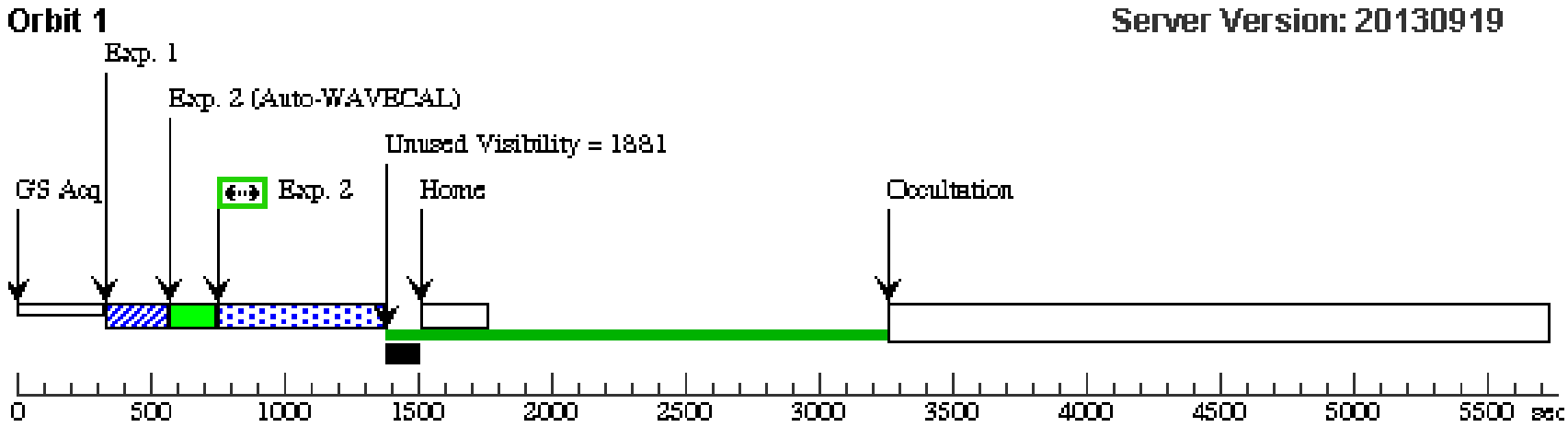
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(57)	CD-34D7151 Alt Name1: TW-HYA Alt Name2: HIP53911	RA: 11 01 51.9538 (165.4664742d) Dec: -34 42 16.91 (-34.70470d) Equinox: J2000	Proper Motion RA: -0.00537 sec of time/yr Proper Motion Dec: -0.01236 arcsec/yr Parallax: 0.01772" Epoch of Position: 1991.25 Radial Velocity: +12.2 km/sec	V=11.153+/-0.114 TYPE=K8Ve, B-V=0.721, E(B-V)=0, F-CONT(2713)=6.5e-14, F-LINE(2796)=1.5e-12, W-LINE(2796)=1.4	Reference Frame: ICRS

Comments: HST SPECTRUM: O59D01020
Radial velocity from Herczeq+ 2007

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(57) CD-34D7151	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs) *[==>]*	 ***[1]***
Comments: SNR = 219.3097 *Brightest pixel = 17,258.84 e*									
2		(57) CD-34D7151	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				600 Secs (600 Secs) *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 58, implementation Thu Oct 03 01:16:20 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 58)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

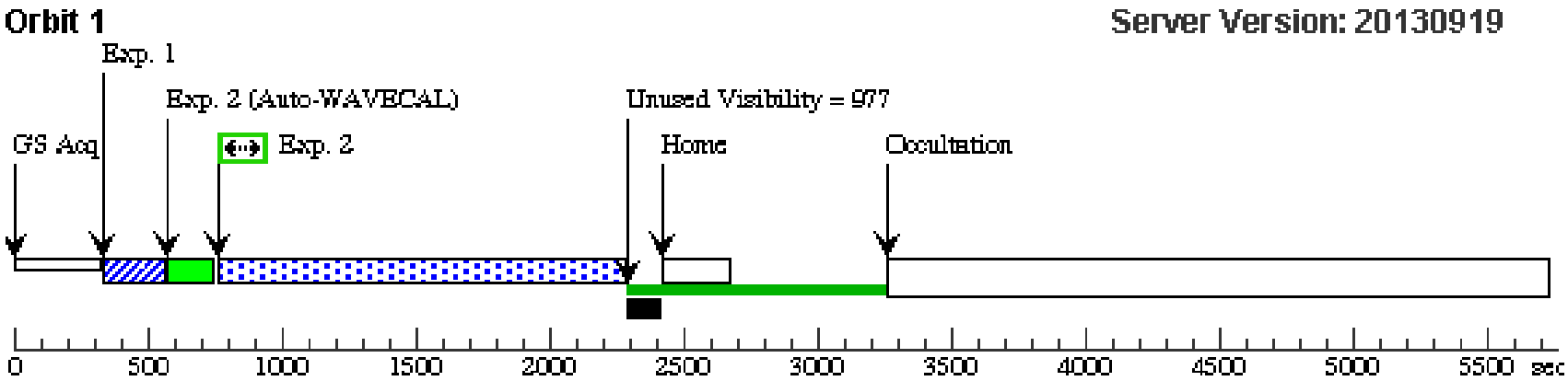
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(58)	WD0050-332 Alt Name1: GSC06998-01946 Alt Name2: GD659	RA: 00 53 17.4397 (13.3226654d) Dec: -32 59 56.55 (-32.99904d) Equinox: J2000	Proper Motion RA: -0.0029 sec of time/yr Proper Motion Dec: +0.023 arcsec/yr Parallax: 0.017" Epoch of Position: 2000.00 Radial Velocity: -37.0 km/sec	V=13.23+/-0.39 TYPE=sdO, B-V=-0.22, E(B-V)=0, F-CONT(2713)=1.7e-13	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWP18611
Coordinates from 2MASS catalog (Cutri+ 2003)
Proper motion from Farihi+ 2005 + SIMBAD
Radial velocity from McCook+ 1999

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(58) WD0050-332	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			1.2 Secs (1.2 Secs)	
								[==>]	***[1]***
Comments: SNR = 155.8649 *Brightest pixel = 10,164.67 e*									
2		(58) WD0050-332	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 59, implementation Thu Oct 03 01:16:21 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 59)) Warning (Form): Sensitive exposures should have an ETC run number provided.

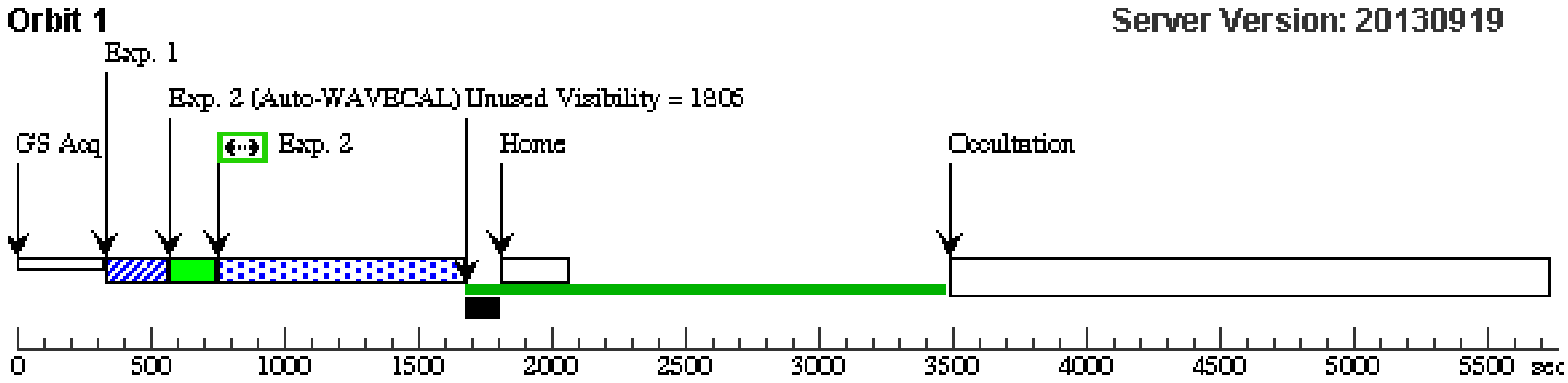
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(59)	WD1914-598	RA: 19 18 43.5570 (289.6814875d) Dec: -59 46 49.56 (-59.78043d) Equinox: J2000	Proper Motion RA: -0.000429 sec of time/yr Proper Motion Dec: -0.0167 arcsec/yr Parallax: 0.0164" Epoch of Position: 2000.0 Radial Velocity: 47.2 km/sec	V=10.78 TYPE=DA, B-V=2.68, E(B-V)=0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(59) WD1914-598	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.2 Secs (0.2 Secs) *[==>]*	*[1]*
Comments: SNR = 196.5485 *Brightest pixel = 15,993.42 e*									
2		(59) WD1914-598	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs) *[==>]*	*[1]*

Orbit Structure



Visit

Proposal 13332, Visit 60, implementation Thu Oct 03 01:16:21 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 60)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

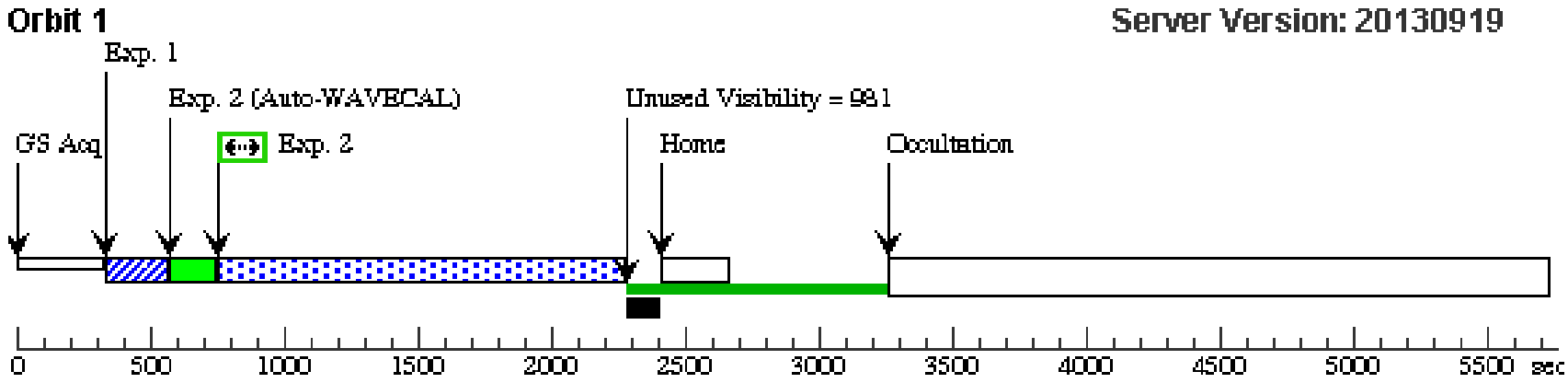
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(60)	HD240764	RA: 05 07 49.5662 (76.9565258d)	Proper Motion RA: +0.000559 sec of time/yr	V=10.36	Reference Frame: ICRS
	Alt Name1: RW-AUR	Dec: +30 24 5.18 (30.40144d)	Proper Motion Dec: -0.02033 arcsec/yr	TYPE=G5V,	
		Equinox: J2000	Parallax: 0.01542"	B-V=0.5,	
			Epoch of Position: 2000.0	E(B-V)=0	
			Radial Velocity: 59.0 km/sec		

Comments: IUE SPECTRUM: LWR09307

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(60) HD240764	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 230.7858 *Brightest pixel = 20,284.21 e*									
2		(60) HD240764	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 61, scheduling Thu Oct 03 01:16:21 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 61)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

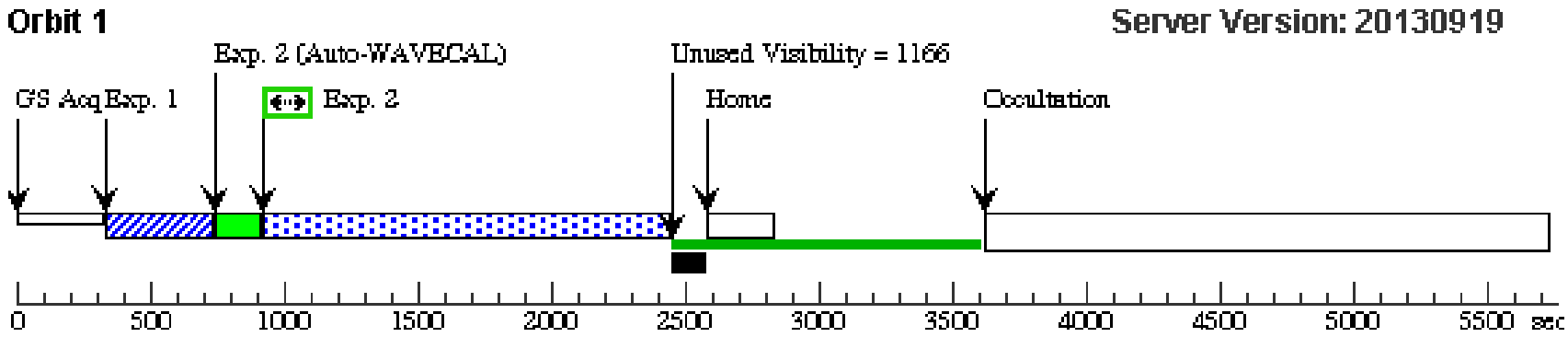
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(61)	WD1631+781 Alt Name1: GSC04571-01236	RA: 16 29 10.3075 (247.2929479d) Dec: +78 04 39.93 (78.07776d) Equinox: J2000	Proper Motion RA: -0.02 sec of time/yr Proper Motion Dec: -0.026 arcsec/yr Parallax: 0.015" Epoch of Position: 2000.00 Radial Velocity: -12.1 km/sec	V=13.03+/-0.27 TYPE=DA, E(B-V)=0, F-CONT(2713)=2.0e-13	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWP19174
Coordinates from 2MASS catalog (Cutri+ 2003)
Proper motion from Farihi+ 2005 + SIMBAD
Radial velocity from Schultz+ 1996

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(61) WD1631+781	STIS/CCD, ACQ, F28X50OII	MIRROR	ACQTYPE=POINT			35.0 Secs (35 Secs)	
								[==>]	***[1]***
2		(61) WD1631+781	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 62, implementation Thu Oct 03 01:16:22 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 62)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(62)	WD2309+105 Alt Name1: GSC01164-01078 Alt Name2: GD246	RA: 23 12 21.5428 (348.0897617d) Dec: +10 47 4.34 (10.78454d) Equinox: J2000	Proper Motion RA: +0.00964 sec of time/yr Proper Motion Dec: -0.010 arcsec/yr Parallax: 0.014" Epoch of Position: 1991.76	V=12.95+/-0.4 TYPE=DAw, B-V=0.525, E(B-V)=0, F-CONT(2713)=2.6e-13	Reference Frame: ICRS

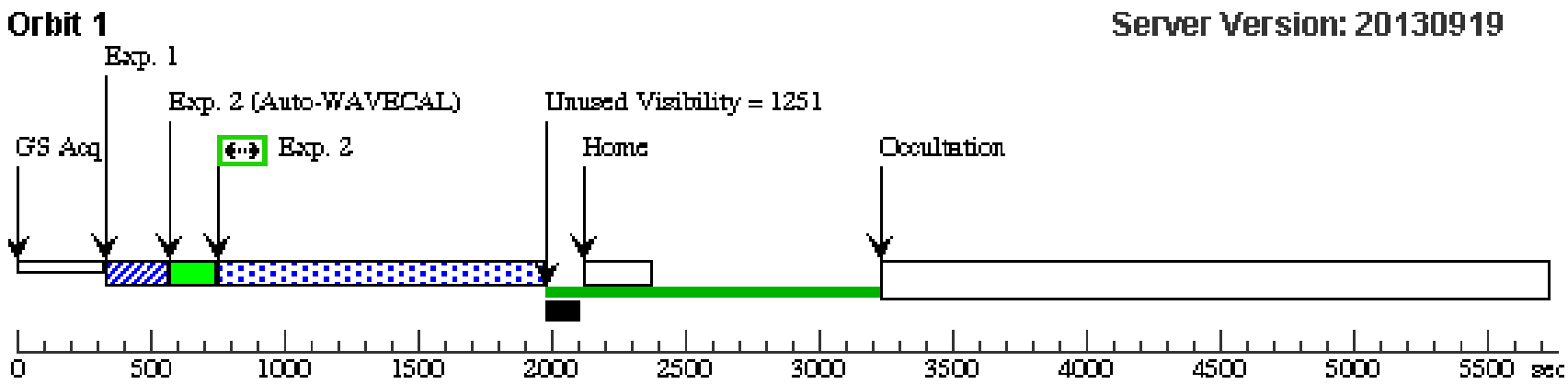
Comments: IUE SPECTRUM: LWR06452
Coordinates from GSC 2 catalog on STScI website

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(62) WD2309+105	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.9 Secs (0.9 Secs)	
								[==>]	***[1]***
2		(62) WD2309+105	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Comments: SNR = 152.7810
Brightest pixel = 9,753.40 e

Orbit Structure



Visit

Proposal 13332, Visit 63, implementation Thu Oct 03 01:16:22 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 63)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

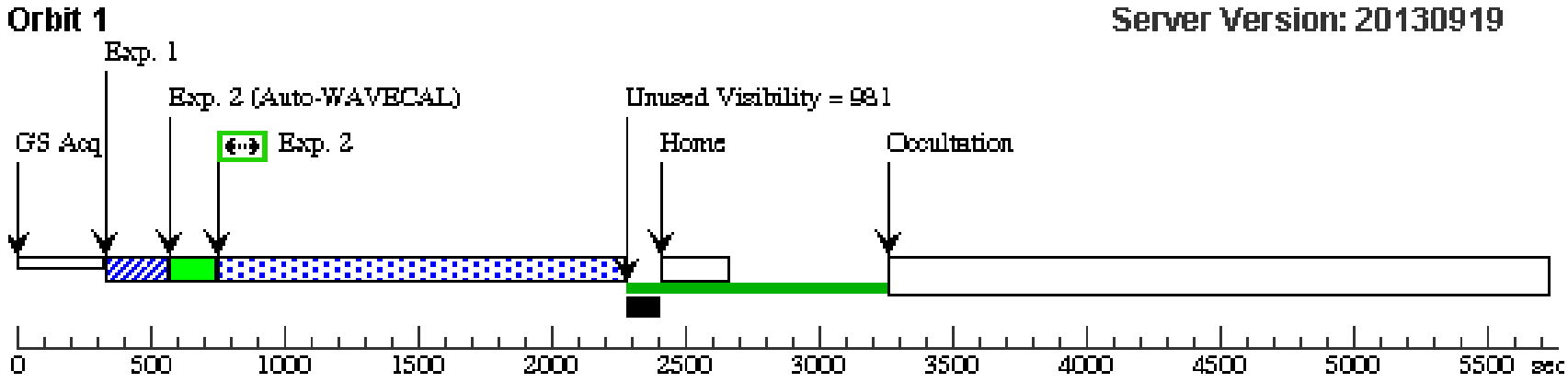
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(63)	HD319139	RA: 18 14 10.4660 (273.5436083d)	Proper Motion RA: +0.00016 sec of time/yr	V=10.68	Reference Frame: ICRS
	Alt Name1: V4046-SGR	Dec: -32 47 34.50 (-32.79292d)	Proper Motion Dec: -0.0545 arcsec/yr	TYPE=K5V,	
		Equinox: J2000	Parallax: 0.0137"	B-V=0.79,	
			Epoch of Position: 2000.0	E(B-V)=0	

Comments: IUE SPECTRUM: LWR15982

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(63) HD319139	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 254.3642 *Brightest pixel = 23,668.18 e*									
2		(63) HD319139	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 64, implementation Thu Oct 03 01:16:22 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 64)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

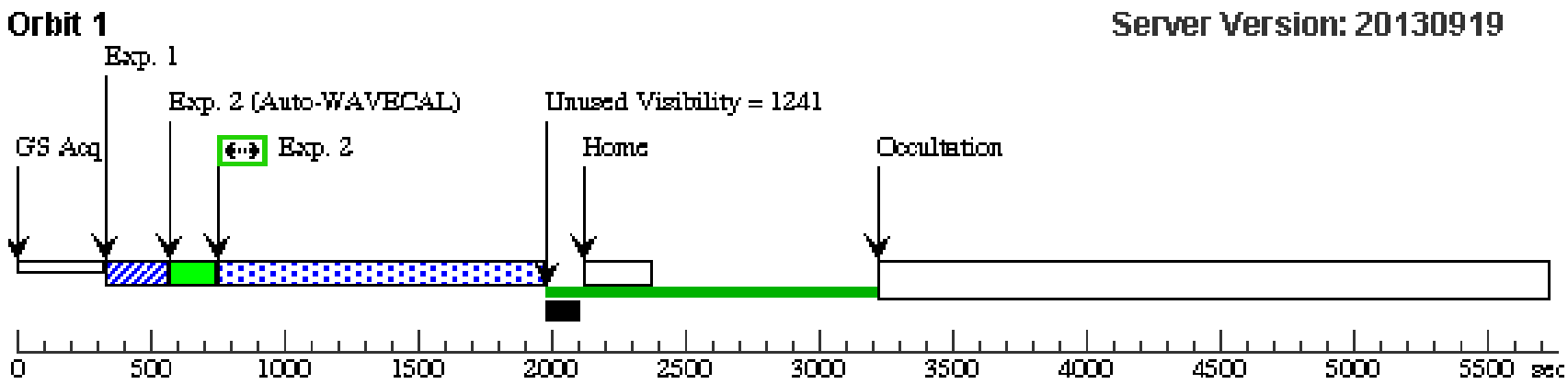
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(64)	WD0232+035	RA: 02 35 7.5459 (38.7814412d)	Proper Motion RA: +0.00569 sec of time/yr	V=12.4+/-0.43	Reference Frame: ICRS
	Alt Name1: HIP12031	Dec: +03 43 56.75 (3.73243d)	Proper Motion Dec: +0.00864 arcsec/yr	TYPE=DAwe...,	
	Alt Name2: GSC00049-00886	Equinox: J2000	Parallax: 0.01344"	B-V=-0.201,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: +51.0 km/sec	F-CONT(2713)=4.5d-13	

Comments: IUE SPECTRUM: LWP01934
Radial velocity from Kawka+ 2008, binary and ranges from 39.1 - 134.7 km/s

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(64) WD0232+035	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.6 Secs (0.6 Secs)	
								[==>]	***[1]***
Comments: SNR = 160.8857 *Brightest pixel = 10,791.05 e*									
2		(64) WD0232+035	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 65, implementation Thu Oct 03 01:16:23 GMT 2013

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Fixed Targets

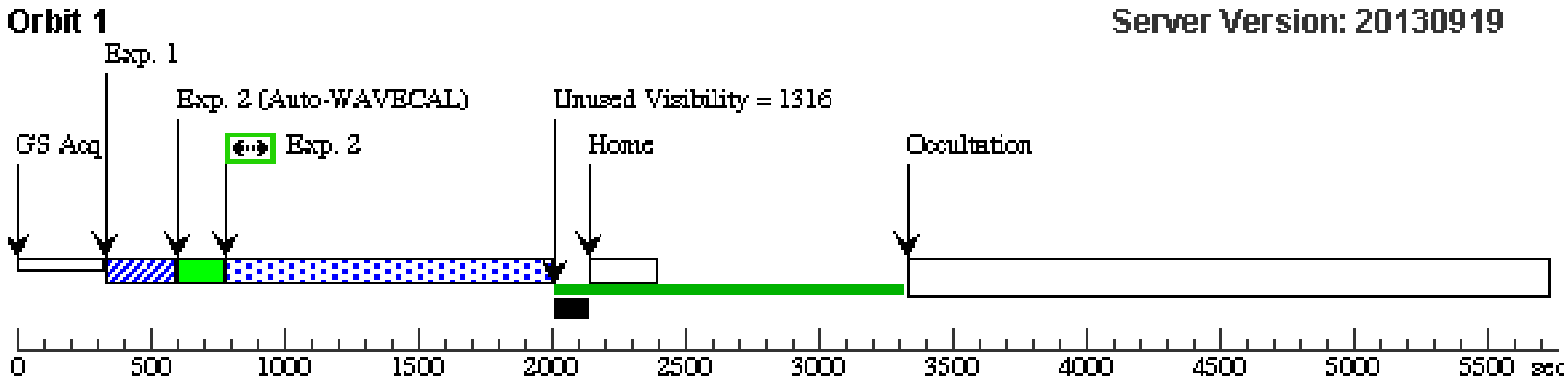
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(65)	HD89758	RA: 10 22 19.8033 (155.5825138d)	Proper Motion RA: -0.0073 sec of time/yr	V=3.236+/-0.1	Reference Frame: ICRS
	Alt Name1: MU-UMA	Dec: +41 29 57.96 (41.49943d)	Proper Motion Dec: +0.034 arcsec/yr	TYPE=M0III SB,	
	Alt Name2: HR4069	Equinox: J2000	Parallax: 0.01311"	B-V=1.603,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: -20.5 km/sec	F-CONT(2713)=3.0e-13,	
				F-LINE(2796)=4.3e-11,	
				W-LINE(2796)=0.7	

Comments: IUE SPECTRUM: LWR13054
*This target leads to a Health and Safety flag for the global count rate, local count rate, and total counts, when run through the BOT. Hipparcos identifies this object as a M0III star. The Hipparcos B-V color is consistent with a M star and is measured at 1.603. Although the BOT has the appropriate B-V color (listed at 1.62), it has an incorrect spectral type of "**O5V**". If the BOT is using the spectral type of an O5V star, then it is grossly overestimating the flux. Using IUE observations of this target (LWR13054), there should be little to no risk of approaching these flux limits. Indeed, my estimates are <5,000 counts/sec over the entire detector, <0.3 counts/sec/pixel in the brightest pixel (ETC# = STIS.sp.518413).*

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(65) HD89758	STIS/CCD, ACQ, F28X50OII	MIRROR	ACQTYPE=POINT			0.2 Secs (0.2 Secs)	
								[==>]	***[1]***
	Comments: SNR = 164.5172 *Brightest pixel = 15,637.11 e*								
2	(STIS.sp.518413)	(65) HD89758	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 66, implementation

Thu Oct 03 01:16:23 GMT 2013

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Fixed Targets

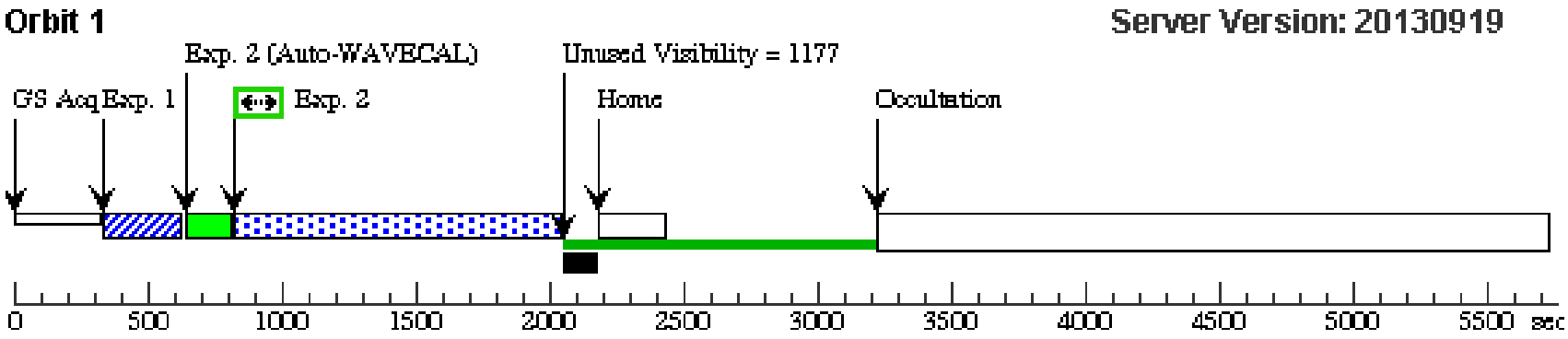
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(66)	HD7672	RA: 01 16 36.3467 (19.1514446d)	Proper Motion RA: -0.00671 sec of time/yr	V=5.524+/-0.1	Reference Frame: ICRS
	Alt Name1: AY-CET	Dec: -02 30 0.77 (-2.50021d)	Proper Motion Dec: -0.06395 arcsec/yr	TYPE=G5III-IVe,	
	Alt Name2: HR373	Equinox: J2000	Parallax: 0.01274"	B-V=0.888,	
			Epoch of Position: 1991.25	E(B-V)=0,	
			Radial Velocity: -20.0 km/sec	F-CONT(2713)=1.1e-12,	
				F-LINE(2796)=5.7e-12,	
				W-LINE(2796)=0.9	

Comments: IUE SPECTRUM: LWP11084
*This target leads to a Health and Safety flag for the global count rate when run through the BOT. Hipparcos identifies this object as a G5III-IV star. The Hipparcos B-V color is consistent with a G star and is measured at 0.888. Although the BOT has the appropriate B-V color (listed at 0.85), it has an incorrect spectral type of "**O5V**". If the BOT is using the spectral type of an O5V star, then it is grossly overestimating the flux. Using IUE observations of this target (LWP11084), there should be little to no risk of approaching these flux limits. Indeed, my estimates are <10,000 counts/sec over the entire detector (ETC# = STIS.sp.518416).*

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(66) HD7672	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.2 Secs (0.2 Secs)	
								[==>]	***[1]***
Comments: SNR = 190.2989 *Brightest pixel = 14,505.08 e*									
2	(STIS.sp.518416)	(66) HD7672	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 67, scheduling Thu Oct 03 01:16:23 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 67)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

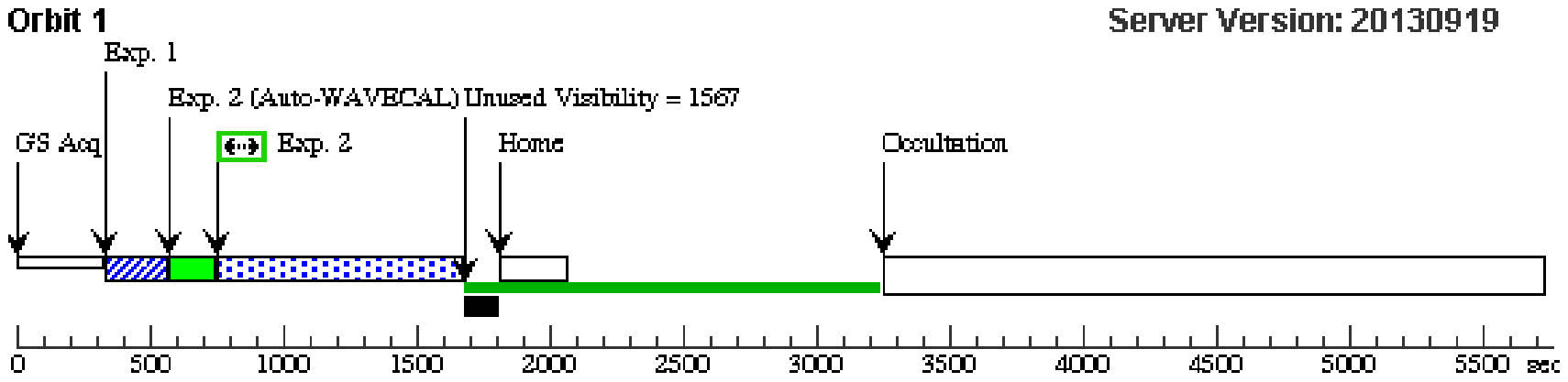
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(67)	HD188112	RA: 19 54 31.3977 (298.6308238d)	Proper Motion RA: +0.00261 sec of time/yr	V=10.195+/-0.1	Reference Frame: ICRS
	Alt Name1: HIP97962	Dec: -28 20 20.86 (-28.33913d)	Proper Motion Dec: +0.02056 arcsec/yr	TYPE=B9V,	
	Alt Name2: GSC06903-01747	Equinox: J2000	Parallax: 0.01233"	B-V=-0.219,	
			Epoch of Position: 1991.25	E(B-V)=0	
			Radial Velocity: +188.4 km/sec		

Comments: IUE SPECTRUM: LWP01994
Radial velocity from Edelmann+ 2005, binary and ranges from -161.5 to 215.2 km/s

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(67) HD188112	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 198.2190 *Brightest pixel = 15,881.93 e*									
2		(67) HD188112	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 68, implementation Thu Oct 03 01:16:24 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: ON HOLD

On Hold Comments: Visit can not be executed until safety concerns are address.

Diagnostics

(Exposure 2 (Visit 68)) Warning (Form): Sensitive exposures should have an ETC run number provided.

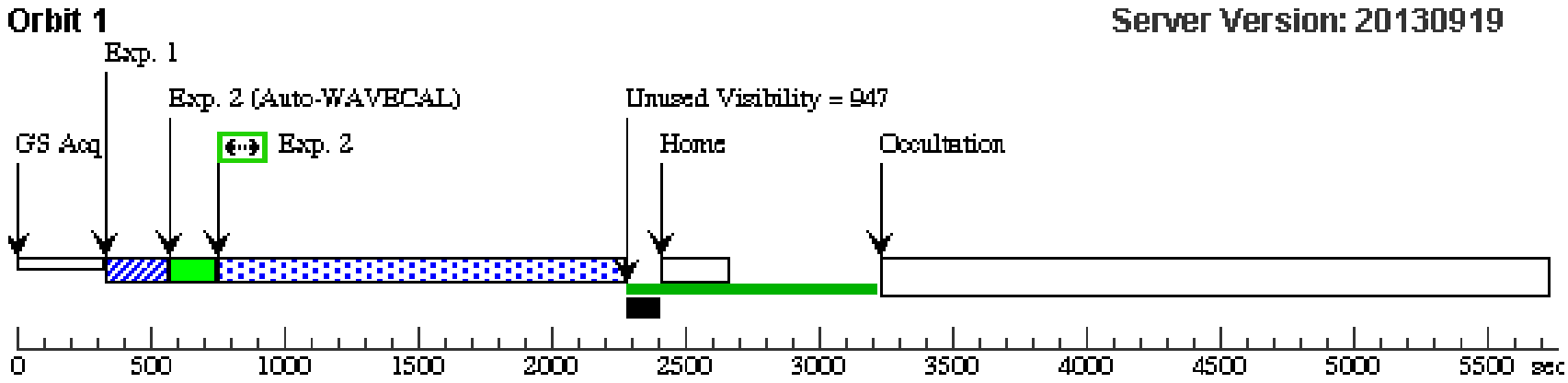
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(68)	HD217411	RA: 23 00 35.6298 (345.1484575d)	Proper Motion RA: +0.00066 sec of time/yr	V=9.71	Reference Frame: ICRS
	Alt Name1: WD2257-073	Dec: -07 04 9.18 (-7.06922d)	Proper Motion Dec: +0.0099 arcsec/yr	TYPE=G4V,	
		Equinox: J2000	Parallax: 0.0112"	B-V=0.65,	
			Epoch of Position: 2000.0	E(B-V)=0	
			Radial Velocity: 23.0 km/sec		

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(68) HD217411	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs)	
								[==>]	***[1]***
Comments: SNR = 227.9050 *Brightest pixel = 21,424.52 e*									
2		(68) HD217411	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1500 Secs (1500 Secs)	
								[==>]	***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 69, scheduling Thu Oct 03 01:16:24 GMT 2013

Diagnostic Status: Warning

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Diagnostics

(Exposure 2 (Visit 69)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Fixed Targets

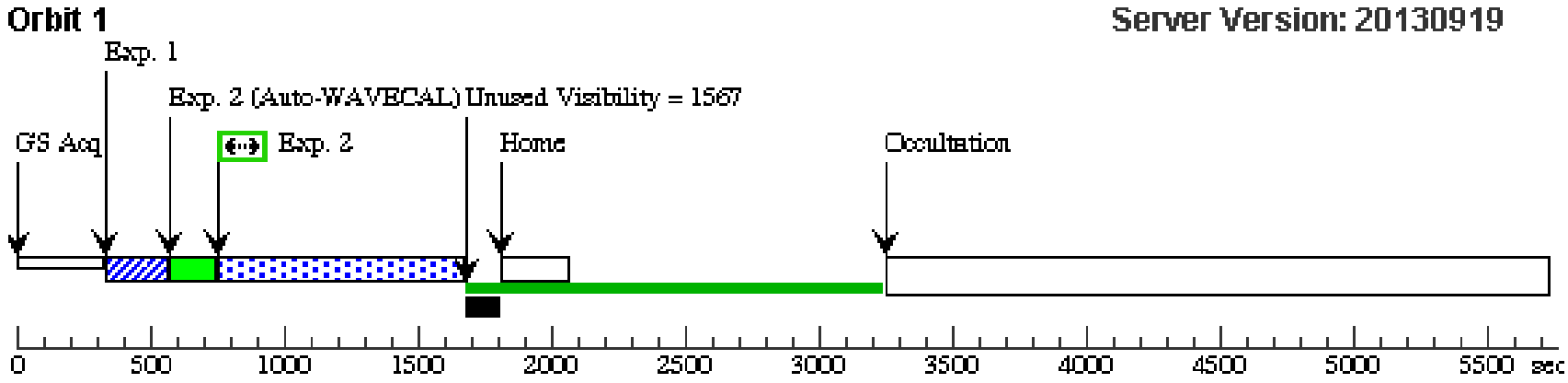
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(69)	BD+28D4211	RA: 21 51 11.0214 (327.7959225d) Dec: +28 51 50.36 (28.86399d) Equinox: J2000	Proper Motion RA: -0.00271 sec of time/yr Proper Motion Dec: -0.05874 arcsec/yr Parallax: 0.01089" Epoch of Position: 2000.0	V=10.58 TYPE=sdO, B-V=-0.33, E(B-V)=0	Reference Frame: ICRS

Comments: IUE SPECTRUM: LWP26081

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(69) BD+28D4211	STIS/CCD, ACQ, F28X50LP	MIRROR	ACQTYPE=POINT			0.1 Secs (0.1 Secs) *[==>]*	 ***[1]***
Comments: SNR = 150.7809 *Brightest pixel = 9,538.44 e*									
2		(69) BD+28D4211	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				900 Secs (900 Secs) *[==>]*	 ***[1]***

Orbit Structure



Visit

Proposal 13332, Visit 70, implementation Thu Oct 03 01:16:24 GMT 2013

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/CCD, STIS/NUV-MAMA

Special Requirements: (none)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(70)	HD160365	RA: 17 38 57.8677 (264.7411154d)	Proper Motion RA: -0.00147 sec of time/yr	V=6.198+/-0.1	Reference Frame: ICRS
	Alt Name1: HR6577	Dec: +13 19 44.96 (13.32916d)	Proper Motion Dec: +0.04351 arcsec/yr	TYPE=F6III,	
	Alt Name2: HIP86373	Equinox: J2000	Parallax: 0.01068"	B-V=0.567,	
			Epoch of Position: 1991.25	E(B-V)=0	
			Radial Velocity: 0.0 km/sec		

Comments: IUE SPECTRUM: LWR04122
*This target leads to a Health and Safety flag for the global count rate when run through the BOT. Hipparcos identifies this object as a F6III star. The Hipparcos B-V color is consistent with a F star and is measured at 0.567. Although the BOT has the appropriate B-V color (listed at 0.52), it has an incorrect spectral type of "**O5V**". If the BOT is using the spectral type of an O5V star, then it is grossly overestimating the flux. Using IUE observations of this target (LWR04122), there should be little to no risk of approaching these flux limits. Indeed, my estimates are <16,000 counts/sec over the entire detector (ETC# = STIS.sp.518417).*

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(70) HD160365	STIS/CCD, ACQ, F25ND3	MIRROR	ACQTYPE=POINT			0.3 Secs (0.3 Secs)	
								[==>]	***[1]***
Comments: SNR = 159.4282 *Brightest pixel = 10,994.29 e*									
2	(STIS.sp.518417)	(70) HD160365	STIS/NUV-MAMA, ACCUM, 0.2X0.2	E230H 2713 A				1200 Secs (1200 Secs)	
								[==>]	***[1]***

Orbit Structure