



12813 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Cycle: 19, Proposal Category: GO/DD

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) HD009051 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:04:50.0	yes

Proposal 12813 (STScI Edit Number: 0, Created: Monday, August 20, 2012 8:08:42 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
02	(2) HD031128 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:05:10.0	yes
03	(3) HD074000 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:05:26.0	yes
04	(4) HD111980 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:05:43.0	yes
05	(5) HD160617 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:06:00.0	yes
06	(6) HD200654 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:06:24.0	yes
07	(7) HD185975 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:06:39.0	yes
08	(8) BD21D0607 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:06:54.0	yes
09	(9) BD54D1216 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:07:08.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
10	(10) BD29D2091 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:07:22.0	yes
11	(11) BD26D2606 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:07:35.0	yes
12	(12) BD02D3375 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:07:49.0	yes
13	(13) GJ7541A ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:08:03.0	yes
14	(14) G191B2B ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:08:19.0	yes
15	(15) GD71 ANY NONE WAVE	STIS/CCD WFC3/IR WFC3/UVIS	1	20-Aug-2012 21:08:32.0	yes

15 Total Orbits Used

ABSTRACT

Uncertainties in the overall calibration of SN to the fundamental standards is currently the largest single source of systematic uncertainty in the Supernova cosmology experiments. Our goal is to tie photometry in both hemispheres to an absolute spectrophotometric system which will serve as the basis of SkyMapper's photometric system, and would be the basis of the calibrations necessary to undertake supernova cosmology experiments to a higher degree of precision. To achieve this we need a network of stars with precisely determined SEDs (to properly account for passband

differences) that are on a common photometric zeropoint scale. The highest precision CALSPEC stars have two drawbacks for SkyMapper, they are extremely hot ($T_{\text{eff}} > 30\text{K}$), and none are in the southern hemisphere. We therefore propose to obtain STIS spectrophotometry between 200nm and 1020nm with an accuracy of better than 1 percent for 13 stars, 6 northern SDSS standards, 6 southern FG metal-deficient dwarfs plus 1 circumpolar solar twin. These stars have colors similar to the bulk of field stars and galaxies and will better sample the survey bandpasses. All these stars have Hipparcos Hp magnitudes accurate to 0.002 mags providing an independent check on the HST photometric zeropoint. They can also be well modelled enabling longer wavelength flux calibrations to be generated. These data would also be used for current SNLS/SDSSII work, DECCAM, and eventually LSST calibration. Furthermore they will be invaluable to calibrate the bright end of the Gaia spectrophotometry. We are also proposing parallel mode WFC3 observations of adjacent fields in six bands to provide additional calibration fields.

OBSERVING DESCRIPTION

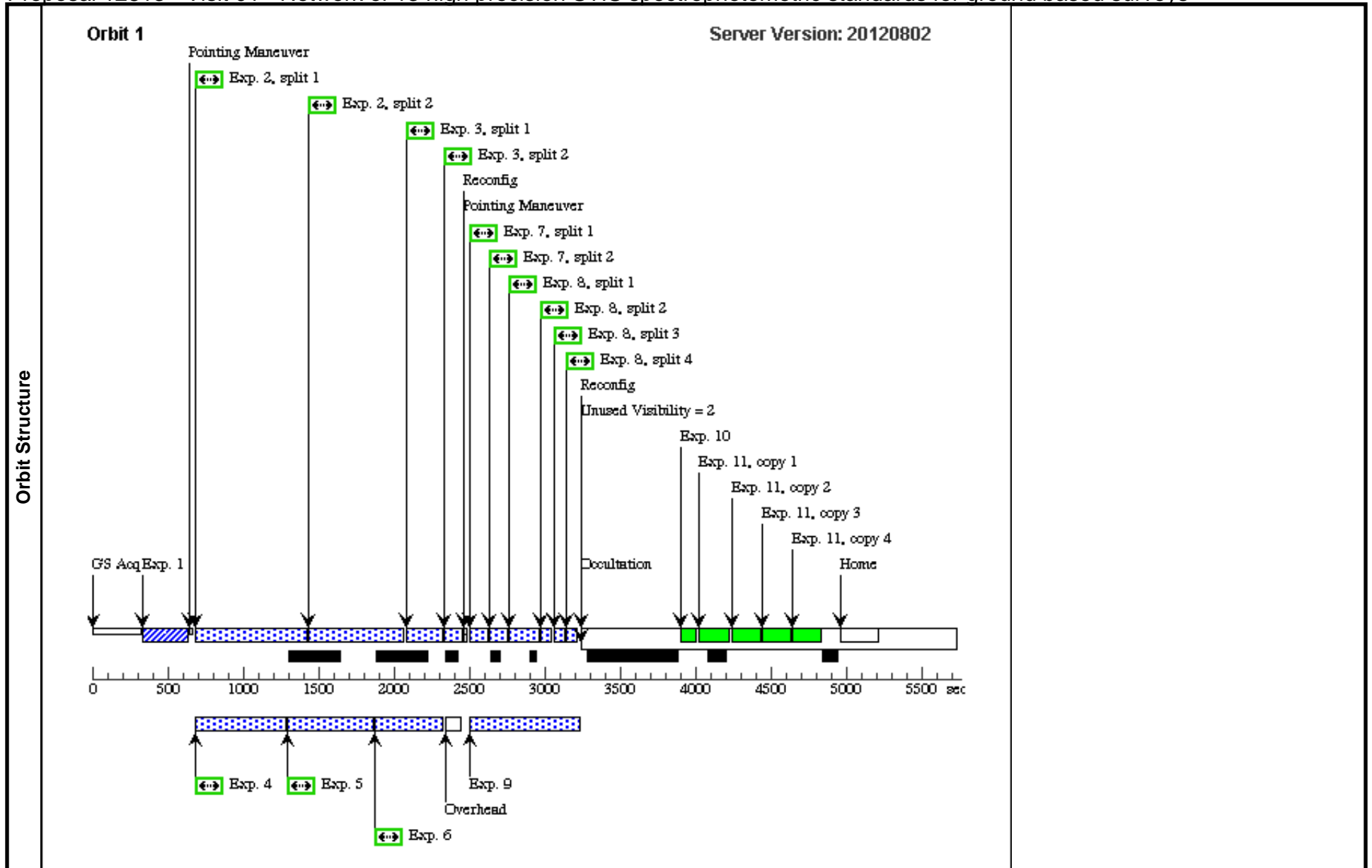
TBD

Proposal 12813 - Visit 01 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Visit	Proposal 12813, Visit 01, implementation Tue Aug 21 01:08:43 GMT 2012 Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)																
	Diagnosics (Visit 01) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>HD009051</td> <td>RA: 01 28 46.4700 (22.1936250d) Dec: -24 20 25.30 (-24.34036d) Equinox: J2000</td> <td>Proper Motion RA: 52.81 mas/yr Proper Motion Dec: -17.27 mas/yr Epoch of Position: 2000</td> <td>V=8.93+/-0.02 T/logg/[Fe/H] = 4841/1.97/-1.8</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	HD009051	RA: 01 28 46.4700 (22.1936250d) Dec: -24 20 25.30 (-24.34036d) Equinox: J2000	Proper Motion RA: 52.81 mas/yr Proper Motion Dec: -17.27 mas/yr Epoch of Position: 2000	V=8.93+/-0.02 T/logg/[Fe/H] = 4841/1.97/-1.8	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(1)	HD009051	RA: 01 28 46.4700 (22.1936250d) Dec: -24 20 25.30 (-24.34036d) Equinox: J2000	Proper Motion RA: 52.81 mas/yr Proper Motion Dec: -17.27 mas/yr Epoch of Position: 2000	V=8.93+/-0.02 T/logg/[Fe/H] = 4841/1.97/-1.8	Reference Frame: ICRS												

Proposal 12813 - Visit 01 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(1) HD009051	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs [==>]	[1]
	2	G230LB-E1	(1) HD009051	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 01	1200 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3	G430L-E1	(1) HD009051	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 01	170 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 01	455 Secs [==>]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 01	455 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 01	455 Secs [==>]	[1]
	7	G430L	(1) HD009051	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 01	170 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8	G750L	(1) HD009051	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 01	168 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	9	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=13		Prime + Parallel Group 7-9 in Visit 01	[==>]	[1]
	10	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
11	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	

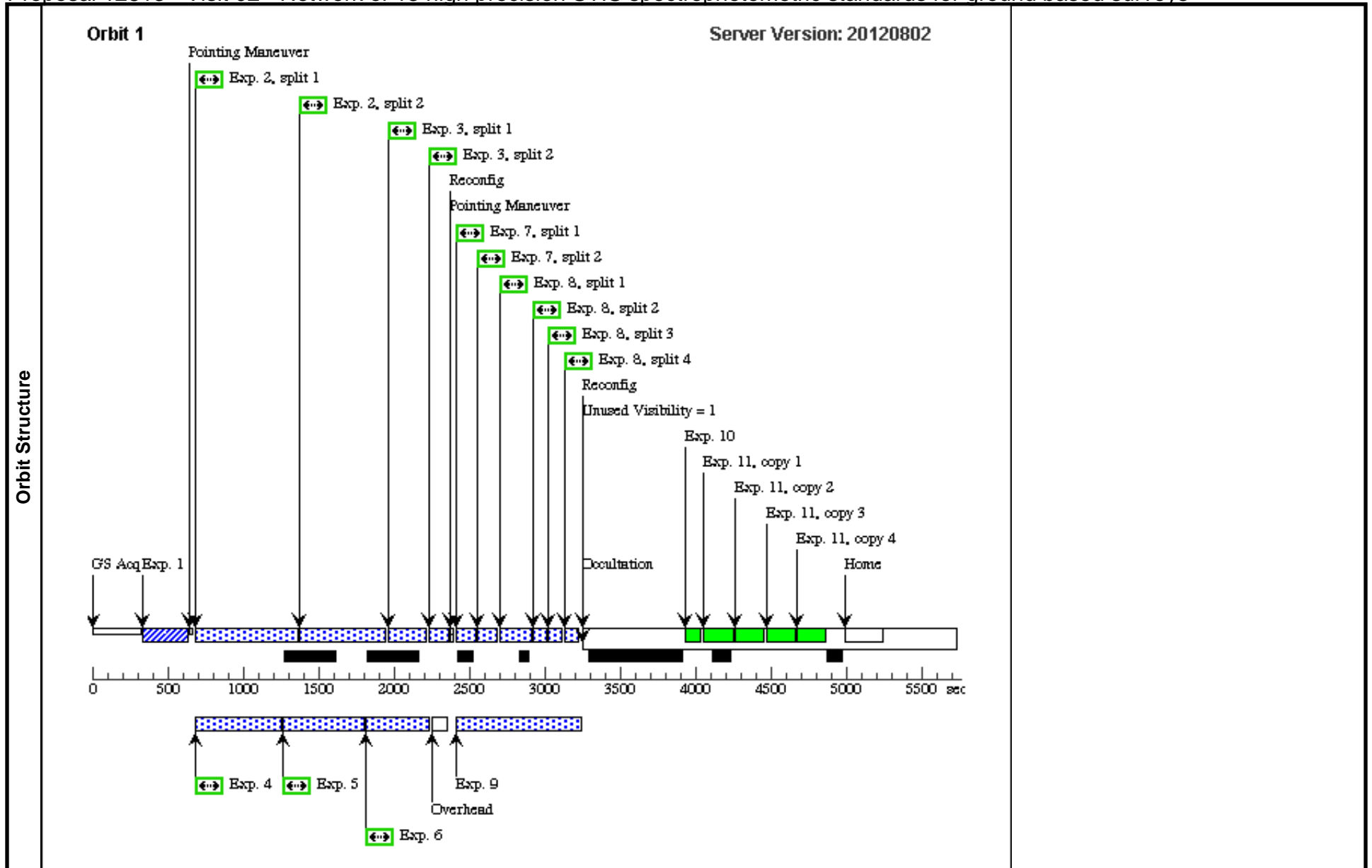


Proposal 12813 - Visit 02 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Visit	Proposal 12813, Visit 02, implementation Tue Aug 21 01:08:46 GMT 2012 Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(Visit 02) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	HD031128	RA: 04 52 9.9000 (73.0412500d) Dec: -27 03 50.90 (-27.06414d) Equinox: J2000	Proper Motion RA: 165.55 mas/yr Proper Motion Dec: -27.75 mas/yr Epoch of Position: 2000	V=9.13+/-0.02 T/logg/[Fe/H] = 5825/4.3/-1.50	Reference Frame: ICRS

Proposal 12813 - Visit 02 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

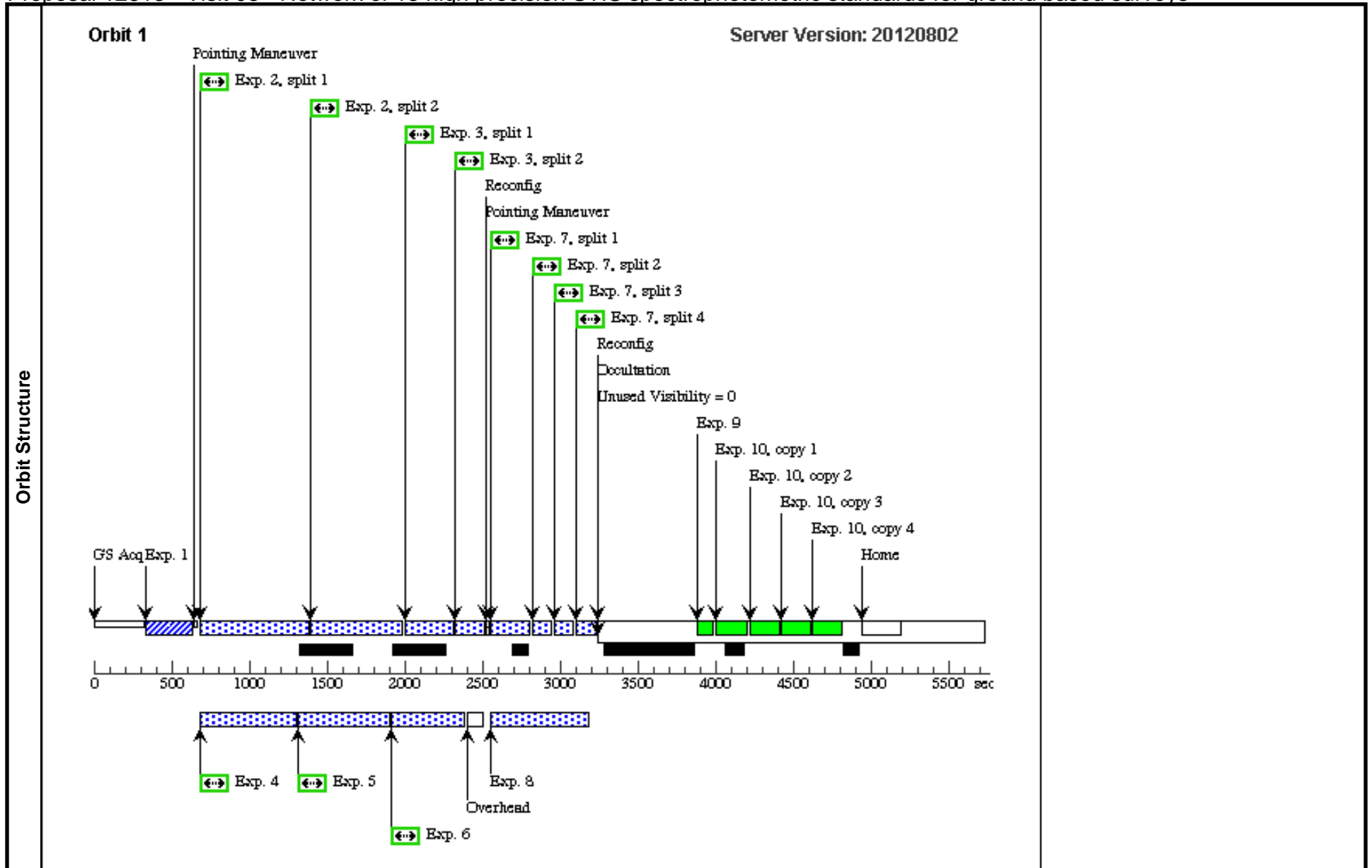
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(2) HD031128	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs [==>]	[1]
	2	G230LB-E1	(2) HD031128	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 02	1084 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3	G430L-E1	(2) HD031128	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 02	196 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 2-6 in Visit 02	425 Secs [==>]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 02	425 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 02	425 Secs [==>]	[1]
	7	G430L	(2) HD031128	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 02	196 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8	G750L	(2) HD031128	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 02	232 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	9	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=14		Prime + Parallel Group 7-9 in Visit 02	[==>]	[1]
	10	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
11	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	



Proposal 12813 - Visit 03 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Tue Aug 21 01:08:47 GMT 2012

Visit	Proposal 12813, Visit 03, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	(Visit 03) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(3)	HD074000	RA: 08 40 50.8000 (130.2116667d) Dec: -16 20 42.50 (-16.34514d) Equinox: J2000	Proper Motion RA: 351.36 mas/yr Proper Motion Dec: -484.58 mas/yr Epoch of Position: 2000	V=9.67+/-0.02 T/logg/[Fe/H] = 6166/4.19/-2.02	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(3) HD074000	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs [==>]	[1]
	2	G230LB-E1	(3) HD074000	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 03	1120 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3	G430L-E1	(3) HD074000	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 03	304 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 2-6 in Visit 03	475 Secs [==>]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 03	475 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 03	475 Secs [==>]	[1]
	7	G750L	(3) HD074000	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-8 in Visit 03	380 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	8	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=12		Prime + Parallel Group 7-8 in Visit 03	[==>]	[1]
	9	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
10	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	

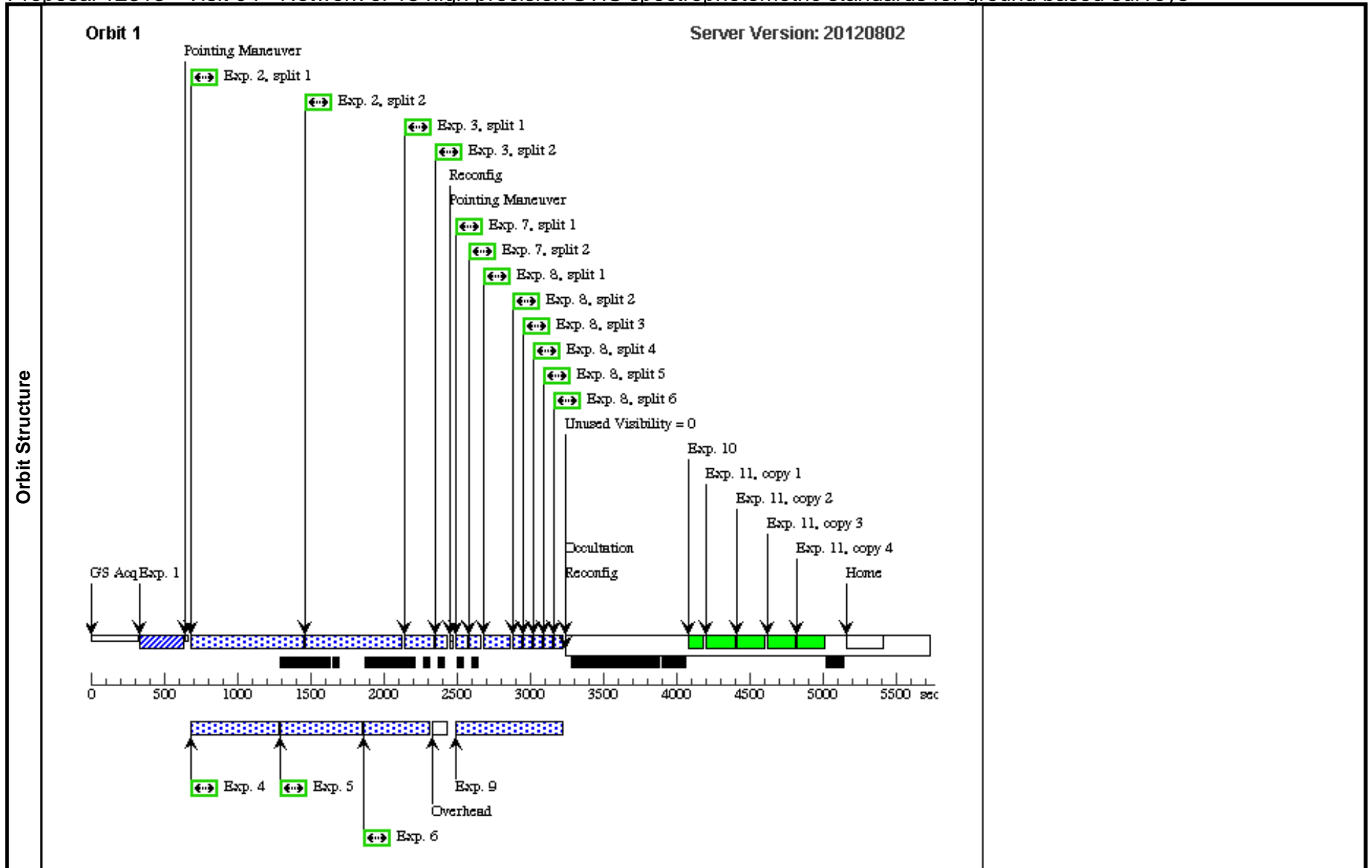


Proposal 12813 - Visit 04 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Visit	Proposal 12813, Visit 04, implementation Tue Aug 21 01:08:49 GMT 2012 Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(Visit 04) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	HD111980	RA: 12 53 15.1000 (193.3129167d) Dec: -18 31 20.00 (-18.52222d) Equinox: J2000	Proper Motion RA: 299.64 mas/yr Proper Motion Dec: -794.83 mas/yr Epoch of Position: 2000	V=8.38+/-0.02 T/logg/[Fe/H] = 5600/3.7/-1.20	Reference Frame: ICRS

Proposal 12813 - Visit 04 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(4) HD111980	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs	
									[==>]	[1]
	2	G230LB-E1	(4) HD111980	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 04	1260 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
	3	G430L-E1	(4) HD111980	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 04	100 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 04	450 Secs	
									[==>]	[1]
5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 04	450 Secs		
								[==>]	[1]	
6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 2-6 in Visit 04	450 Secs		
								[==>]	[1]	
7	G430L	(4) HD111980	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 04	100 Secs		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
8	G750L	(4) HD111980	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=6; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 04	168 Secs		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
								[==>(Split 3)]		
								[==>(Split 4)]		
								[==>(Split 5)]		
								[==>(Split 6)]		
9	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=13		Prime + Parallel Group 7-9 in Visit 04	[==>]		
									[1]	
10	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]		
									[1]	
11	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4		
								[==>(Copy 1)]	[1]	
								[==>(Copy 2)]		
								[==>(Copy 3)]		
								[==>(Copy 4)]		

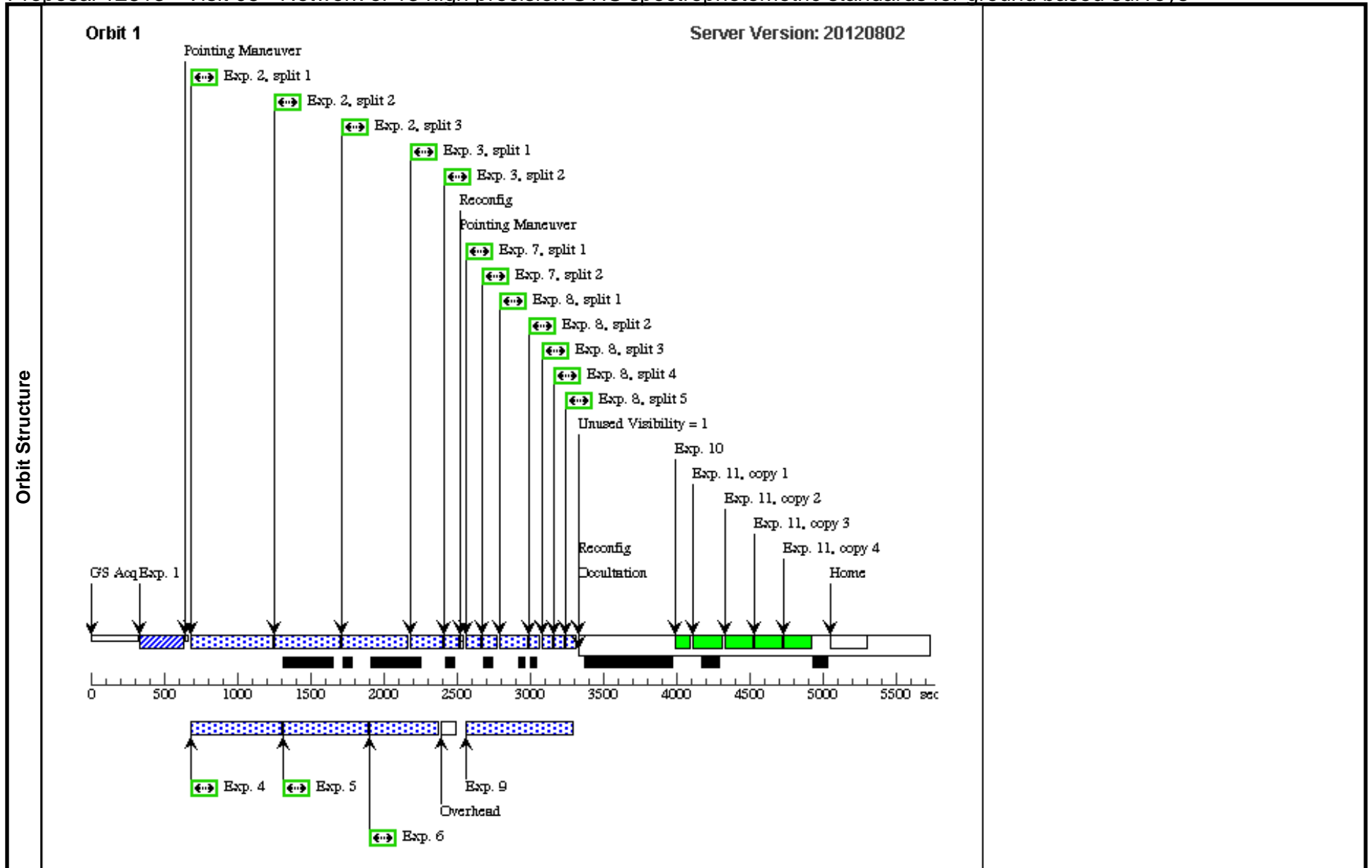


Proposal 12813 - Visit 05 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Visit	Proposal 12813, Visit 05, implementation Tue Aug 21 01:08:50 GMT 2012 Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(Visit 05) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(5)	HD160617	RA: 17 42 49.3200 (265.7055000d) Dec: -40 19 15.50 (-40.32097d) Equinox: J2000	Proper Motion RA: -61.77 mas/yr Proper Motion Dec: -395.70 mas/yr Epoch of Position: 2000	V=8.72+/-0.02 T/logg/[Fe/H] = 5920/3.6/-1.96	Reference Frame: ICRS

Proposal 12813 - Visit 05 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(5) HD160617	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs [==>]	[1]
	2	G230LB-E1	(5) HD160617	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=3; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 05	1257 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	3	G430L-E1	(5) HD160617	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 05	132 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 05	470 Secs [==>]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 05	470 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 2-6 in Visit 05	470 Secs [==>]	[1]
	7	G430L	(5) HD160617	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 05	132 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8	G750L	(5) HD160617	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 05	195 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	9	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=13		Prime + Parallel Group 7-9 in Visit 05	[==>]	[1]
	10	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
11	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	

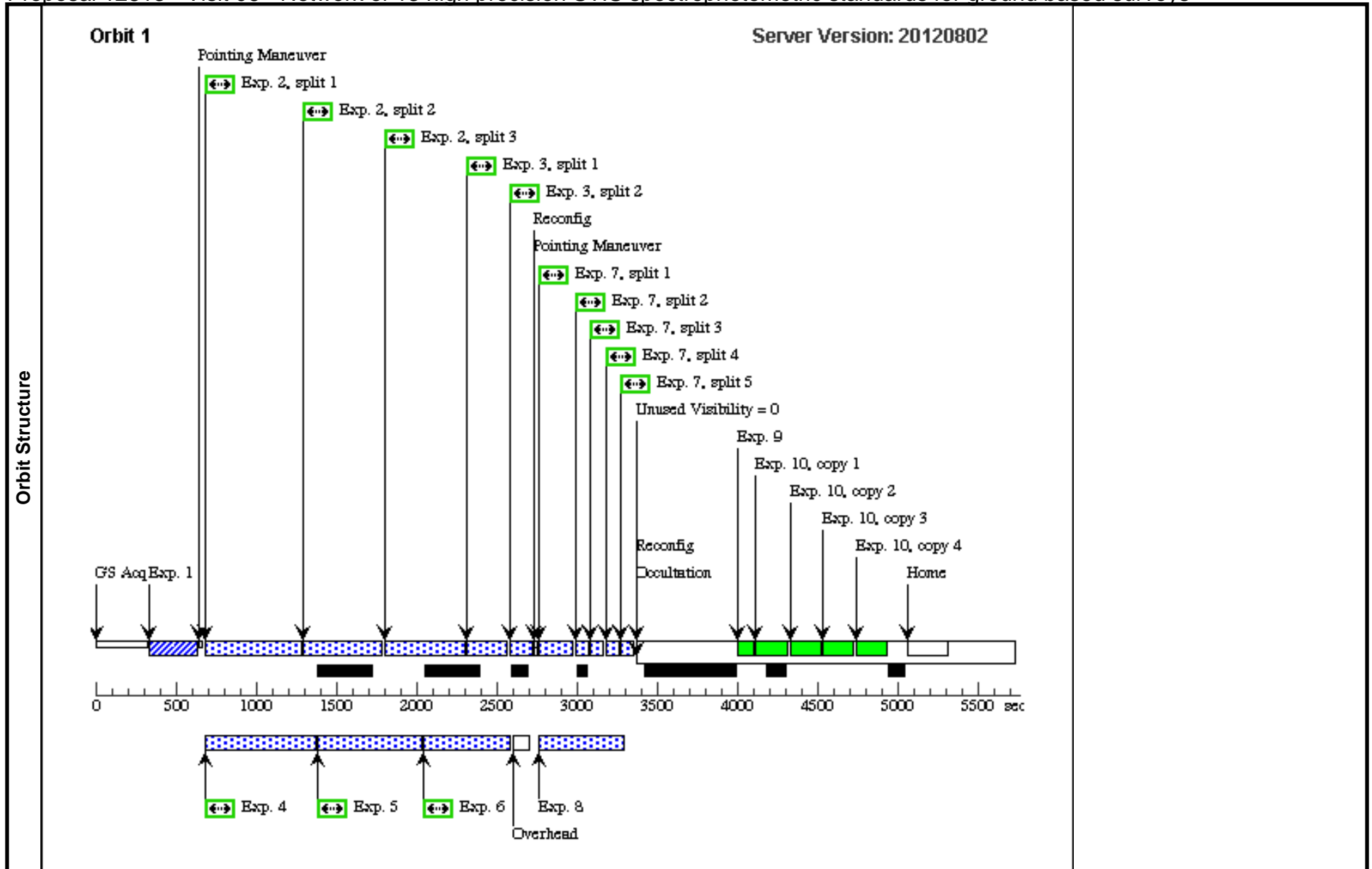


Proposal 12813 - Visit 06 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Visit	Proposal 12813, Visit 06, implementation Tue Aug 21 01:08:51 GMT 2012 Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(Visit 06) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	HD200654	RA: 21 06 34.7500 (316.6447917d) Dec: -49 57 50.30 (-49.96397d) Equinox: J2000	Proper Motion RA: 192.53 mas/yr Proper Motion Dec: -274.0 mas/yr Epoch of Position: 2000	V=9.09+/-0.02 T/logg/[Fe/H] = 5160/2.55/-2.82	Reference Frame: ICRS

Proposal 12813 - Visit 06 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(6) HD200654	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs [==>]	[1]
	2	G230LB-E1	(6) HD200654	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=3; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 06	1389 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	3	G430L-E1	(6) HD200654	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 06	200 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 2-6 in Visit 06	540 Secs [==>]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 06	540 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 06	540 Secs [==>]	[1]
	7	G750L	(6) HD200654	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-8 in Visit 06	260 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)] [==>(Split 5)]	[1]
	8	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=11		Prime + Parallel Group 7-8 in Visit 06	[==>]	[1]
	9	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
10	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	



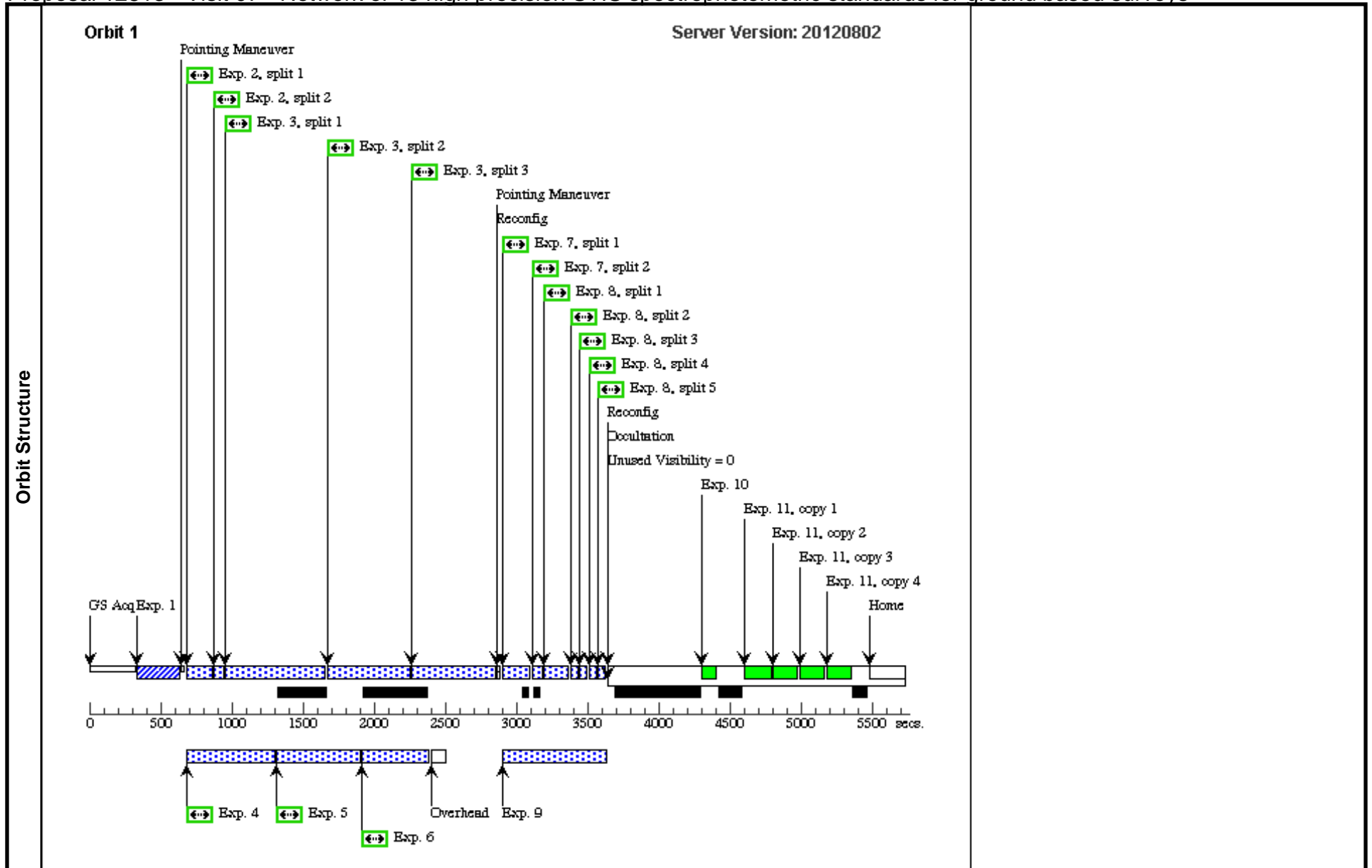
Proposal 12813 - Visit 07 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Tue Aug 21 01:08:53 GMT 2012

Visit	Proposal 12813, Visit 07, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(Visit 07) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	HD185975	RA: 20 28 18.7300 (307.0780417d) Dec: -87 28 19.90 (-87.47219d) Equinox: J2000	Proper Motion RA: 168.83 mas/yr Proper Motion Dec: -57.6 mas/yr Epoch of Position: 2000	V=8.11+/-0.02 Solar twin	Reference Frame: ICRS

Proposal 12813 - Visit 07 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(7) HD185975	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs	
									[==>]	[1]
	2	G430L-E1	(7) HD185975	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 07	74 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
	3	G230LB-E1	(7) HD185975	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=3; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 07	1650 Secs	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
									[==>(Split 3)]	
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 07	475 Secs	
									[==>]	[1]
5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 2-6 in Visit 07	475 Secs		
								[==>]	[1]	
6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 07	475 Secs		
								[==>]	[1]	
7	G430L	(7) HD185975	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 07	74 Secs		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
8	G750L	(7) HD185975	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=5; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 07	105 Secs		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
								[==>(Split 3)]		
								[==>(Split 4)]		
								[==>(Split 5)]		
9	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=13		Prime + Parallel Group 7-9 in Visit 07	[==>]	[1]	
10	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]	
11	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			105.0 Secs X 4		
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								[==>(Copy 3)]		
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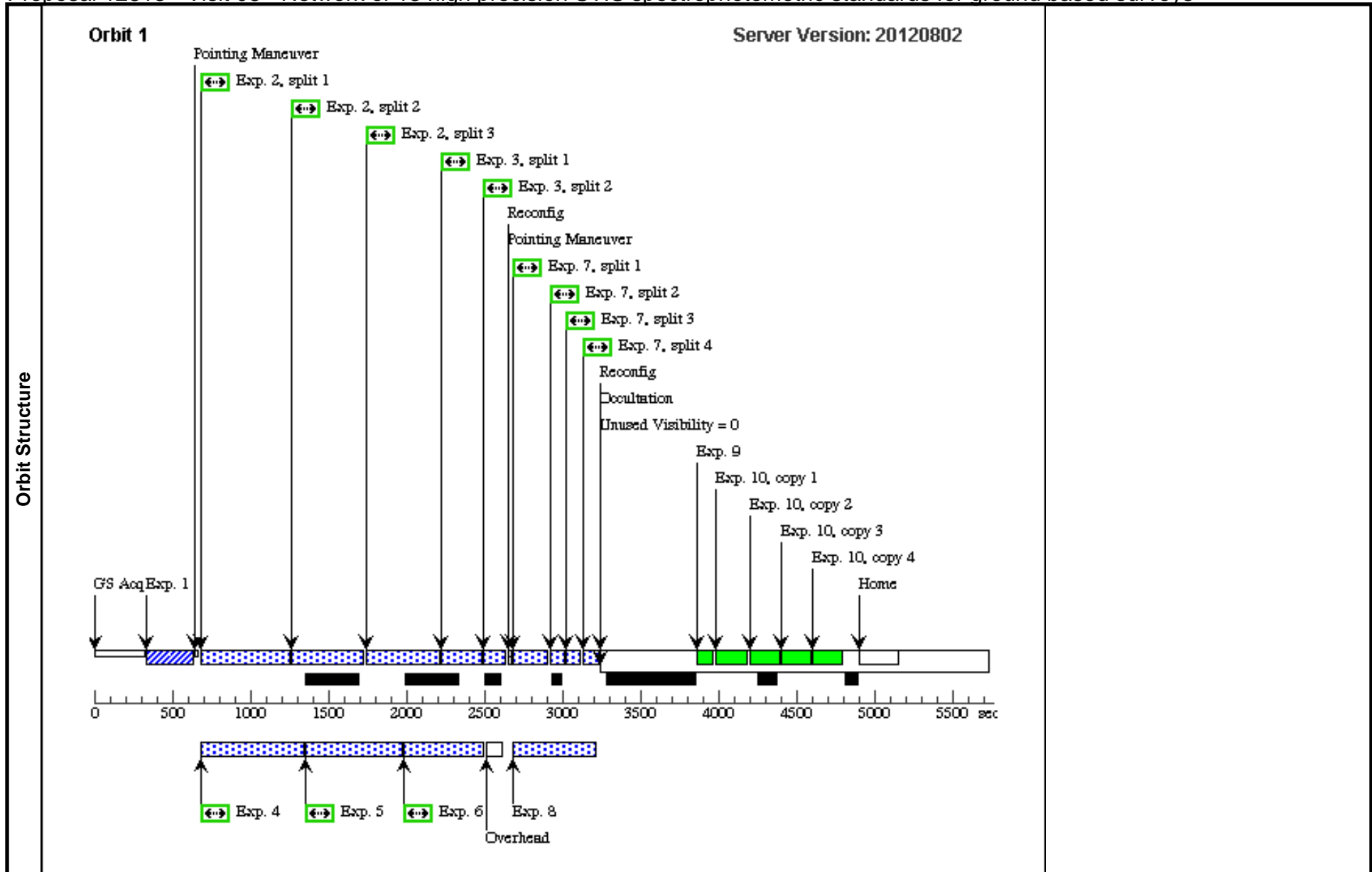


Proposal 12813 - Visit 08 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Visit	Proposal 12813, Visit 08, implementation Tue Aug 21 01:08:54 GMT 2012 Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(Visit 08) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	BD21D0607	RA: 04 14 35.5200 (63.6480000d) Dec: +22 21 4.30 (22.35119d) Equinox: J2000	Proper Motion RA: 426.35 mas/yr Proper Motion Dec: -301.49 mas/yr Epoch of Position: 2000	V=9.23+/-0.02 T/logg/[Fe/H] = 6300/4.0/-1.67	Reference Frame: ICRS

Proposal 12813 - Visit 08 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(8) BD21D0607	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs [==>]	[1]
	2	G230LB-E1	(8) BD21D0607	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=3; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 08	1302 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	3	G430L-E1	(8) BD21D0607	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 08	206 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 08	510 Secs [==>]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 2-6 in Visit 08	510 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 08	510 Secs [==>]	[1]
	7	G750L	(8) BD21D0607	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-8 in Visit 08	252 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	8	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=11		Prime + Parallel Group 7-8 in Visit 08	[==>]	[1]
	9	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
10	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	

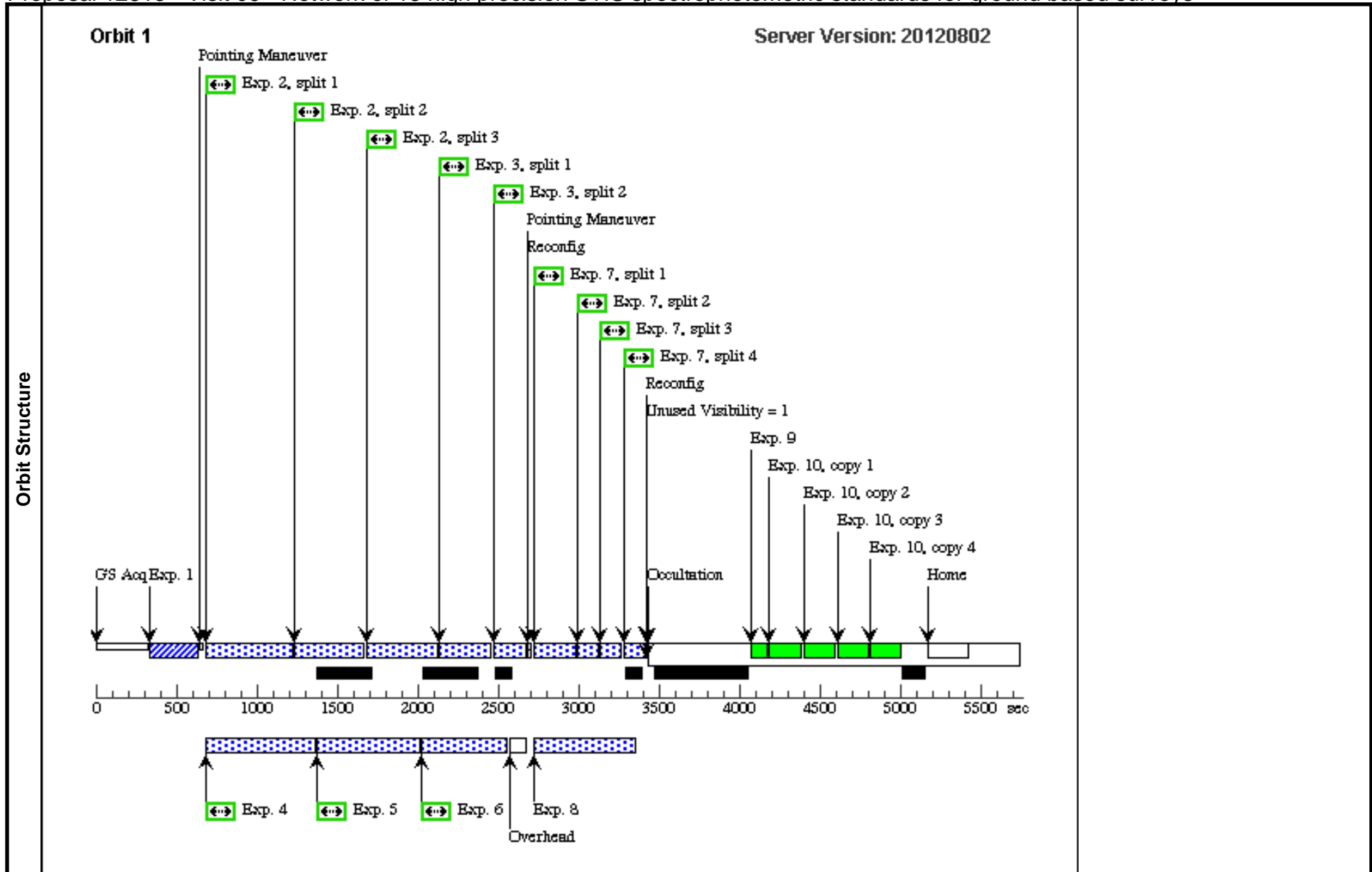


Proposal 12813 - Visit 09 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Visit	Proposal 12813, Visit 09, implementation Tue Aug 21 01:08:55 GMT 2012 Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)					
	(Visit 09) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	BD54D1216	RA: 08 19 22.5700 (124.8440417d) Dec: +54 05 9.60 (54.08600d) Equinox: J2000	Proper Motion RA: -34.95 mas/yr Proper Motion Dec: -628.96 mas/yr Epoch of Position: 2000	V=9.73+/-0.02 T/logg/[Fe/H] = 5900/4.2/-1.70	Reference Frame: ICRS

Proposal 12813 - Visit 09 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

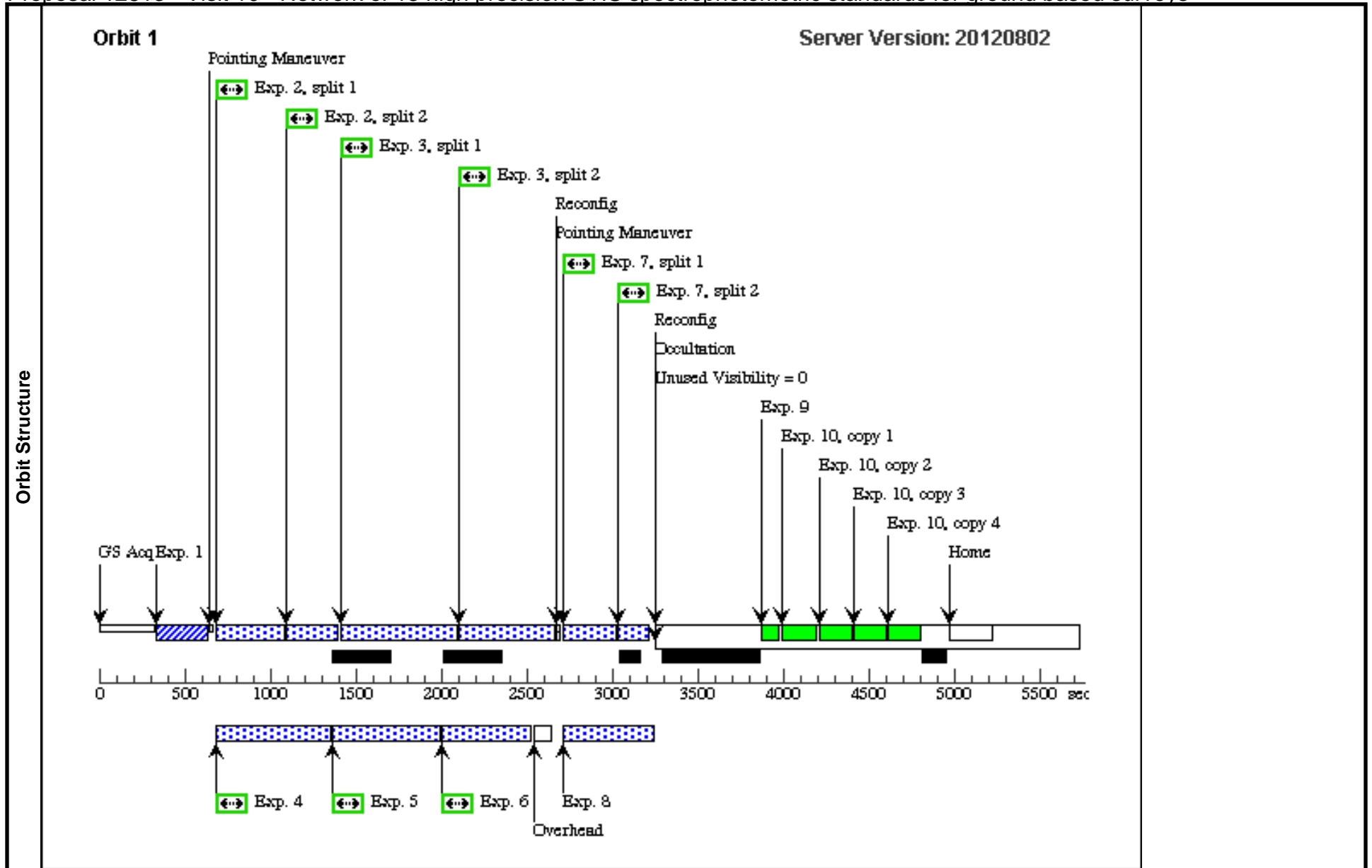
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(9) BD54D1216	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs [==>]	[1]
	2	G230LB-E1	(9) BD54D1216	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=3; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 09	1215 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	3	G430L-E1	(9) BD54D1216	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 09	330 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 09	530 Secs [==>]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 09	530 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 2-6 in Visit 09	530 Secs [==>]	[1]
	7	G750L	(9) BD54D1216	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-8 in Visit 09	400 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	8	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=12		Prime + Parallel Group 7-8 in Visit 09	[==>]	[1]
	9	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
10	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	



Proposal 12813 - Visit 10 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Tue Aug 21 01:08:57 GMT 2012

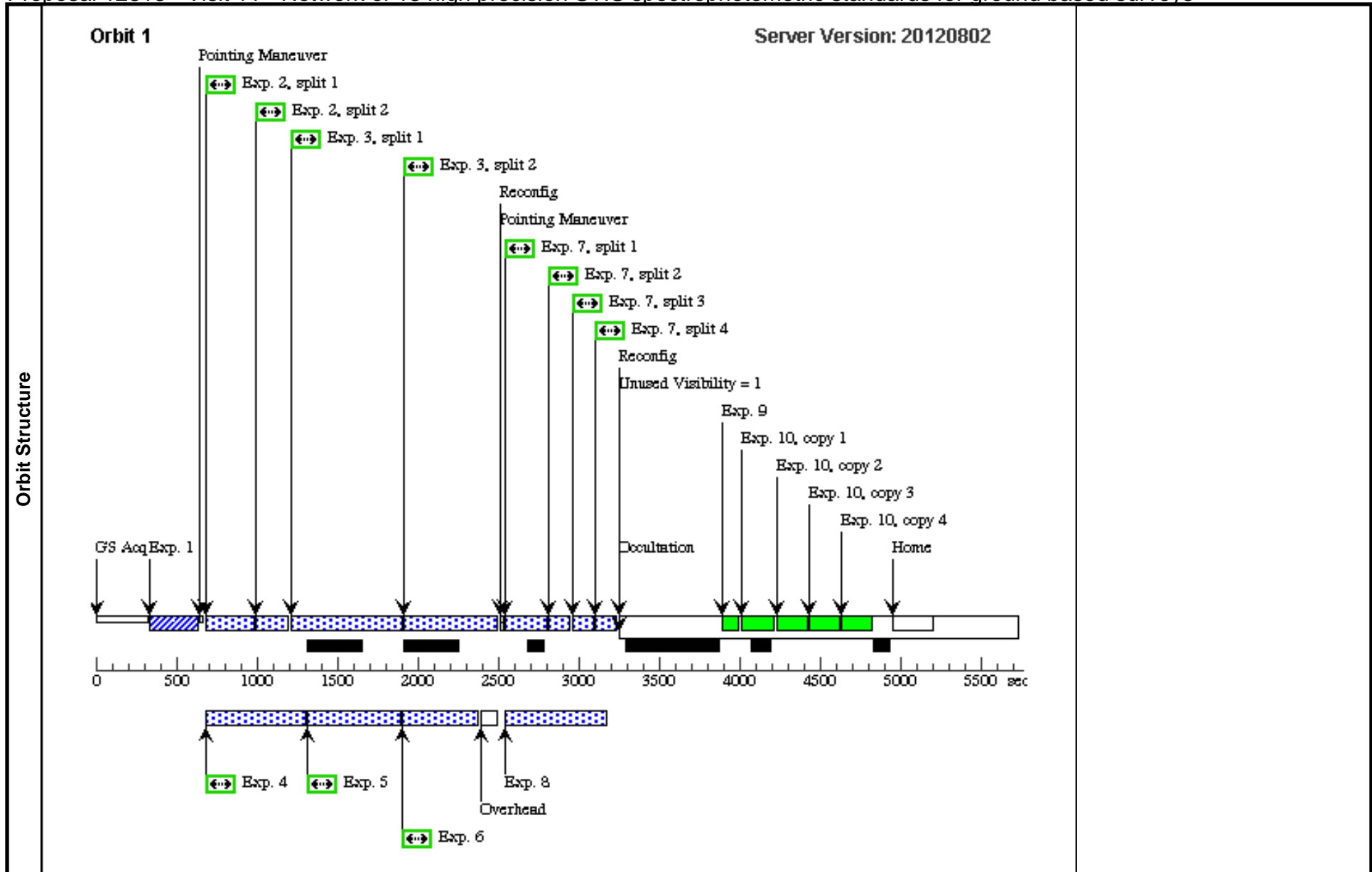
Visit	Proposal 12813, Visit 10, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	(Visit 10) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	BD29D2091	RA: 10 47 23.1600 (161.8465000d) Dec: +28 23 55.90 (28.39886d) Equinox: J2000	Proper Motion RA: 178.29 mas/yr Proper Motion Dec: -825.37 mas/yr Epoch of Position: 2000	V=10.26+/-0.02 T/logg/[Fe/H] = 5700/4.5/-1.98	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(10) BD29D2091	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs [==>]	[1]
	2	G430L-E1	(10) BD29D2091	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 10	530 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3	G230LB-E1	(10) BD29D2091	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 10	1048 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 10	520 Secs [==>]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 2-6 in Visit 10	520 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 10	520 Secs [==>]	[1]
	7	G750L	(10) BD29D2091	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-8 in Visit 10	300 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=11		Prime + Parallel Group 7-8 in Visit 10	[==>]	[1]
	9	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
10	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	



Proposal 12813 - Visit 11 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Tue Aug 21 01:08:58 GMT 2012

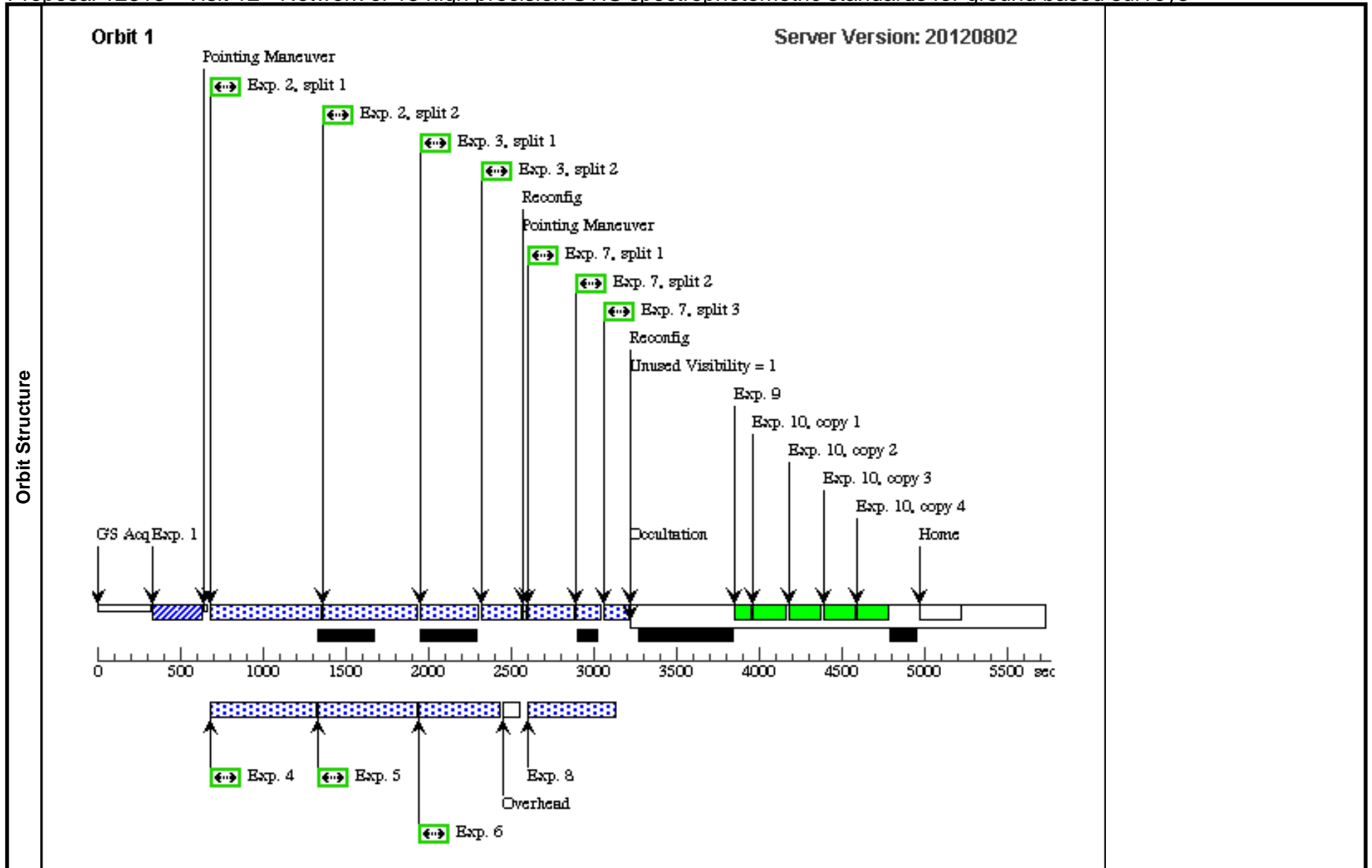
Visit	Proposal 12813, Visit 11, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	(Visit 11) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	BD26D2606	RA: 14 49 2.3600 (222.2598333d) Dec: +25 42 9.20 (25.70256d) Equinox: J2000	Proper Motion RA: -9.49 mas/yr Proper Motion Dec: -347.07 mas/yr Epoch of Position: 2000	V=9.73+/-0.02 T/logg/[Fe/H] = 5875/4.1/-2.48	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(11) BD26D2606	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs [==>]	[1]
	2	G430L-E1	(11) BD26D2606	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 11	330 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3	G230LB-E1	(11) BD26D2606	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 11	1082 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 2-6 in Visit 11	470 Secs [==>]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 11	470 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 11	470 Secs [==>]	[1]
	7	G750L	(11) BD26D2606	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=4; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-8 in Visit 11	400 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	8	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=12		Prime + Parallel Group 7-8 in Visit 11	[==>]	[1]
	9	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
10	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	



Proposal 12813 - Visit 12 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Tue Aug 21 01:08:59 GMT 2012

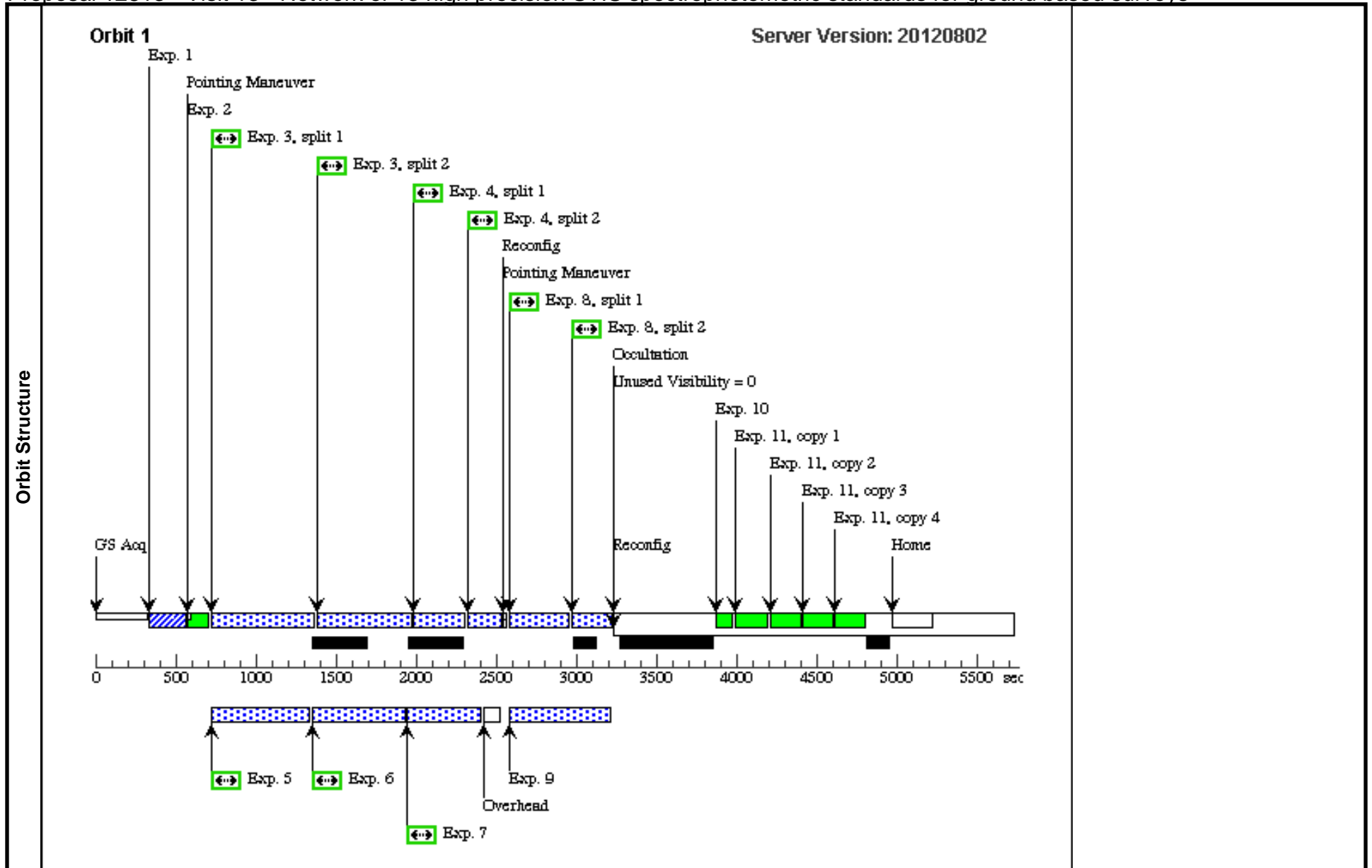
Visit	Proposal 12813, Visit 12, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	(Visit 12) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(12)	BD02D3375	RA: 17 39 45.6000 (264.9400000d) Dec: +02 24 59.60 (2.41656d) Equinox: J2000	Proper Motion RA: -364.21 mas/yr Proper Motion Dec: 74.81 mas/yr Epoch of Position: 2000	V=9.94+/-0.02 T/logg/[Fe/H] = 6140/4.31/-2.15	Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(12) BD02D3375	STIS/CCD, ACQ, F25ND3	MIRROR				1 Secs [==>]	[1]
	2	G230LB-E1	(12) BD02D3375	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 12	1072 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	3	G430L-E1	(12) BD02D3375	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 2-6 in Visit 12	400 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 2-6 in Visit 12	490 Secs [==>]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 12	490 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 2-6 in Visit 12	490 Secs [==>]	[1]
	7	G750L	(12) BD02D3375	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=3; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-8 in Visit 12	360 Secs [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	8	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=11		Prime + Parallel Group 7-8 in Visit 12	[==>]	[1]
	9	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
10	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	



Proposal 12813 - Visit 13 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Tue Aug 21 01:09:00 GMT 2012

Visit	Proposal 12813, Visit 13, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none)									
	(Visit 13) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(13)	GJ7541A	RA: 19 20 34.9234 (290.1455142d) Dec: -07 40 0.07 (-7.66669d) Equinox: J2000	Proper Motion RA: -60.87 mas/yr Proper Motion Dec: -162.15 mas/yr Epoch of Position: 2000	V=12.29	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(13) GJ7541A	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs [==>]	[1]
	2	G230LB wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G230LB 2375 A				[==>]	[1]
	3	G230LB-E1	(13) GJ7541A	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 3-7 in Visit 13	1124 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	G430L-E1	(13) GJ7541A	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 3-7 in Visit 13	340 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 3-7 in Visit 13	465 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 3-7 in Visit 13	465 Secs [==>]	[1]
	7	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 3-7 in Visit 13	465 Secs [==>]	[1]
	8	G750L	(13) GJ7541A	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 8-9 in Visit 13	432 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	9	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=12		Prime + Parallel Group 8-9 in Visit 13	[==>]	[1]
	10	G750L wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
11	Fringe flat	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTEN; WAVECAL=NO			120.0 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	



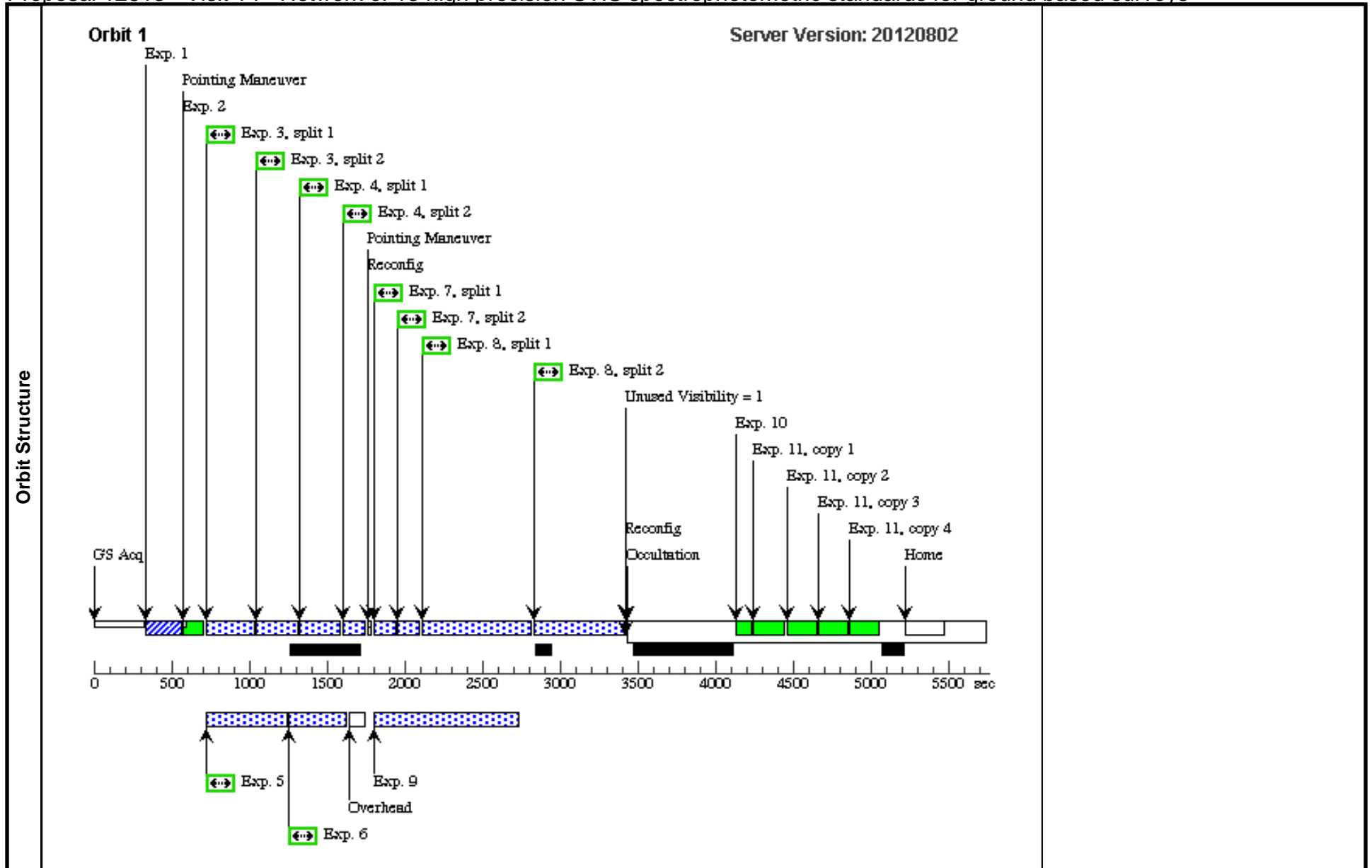
Proposal 12813 - Visit 14 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Tue Aug 21 01:09:01 GMT 2012

Visit	Proposal 12813, Visit 14, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: stis G191B2B visit; high-S/N obs. at standard and E1 positions</i>																
	Diagnosics (Visit 14) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(14)</td> <td>G191B2B</td> <td>RA: 05 05 30.6100 (76.3775417d) Dec: +52 49 51.96 (52.83110d) Equinox: J2000</td> <td>Proper Motion RA: 7.45 mas/yr Proper Motion Dec: -89.54 mas/yr Epoch of Position: 2000</td> <td>V=11.78+/-0.01 HST WD standard</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(14)	G191B2B	RA: 05 05 30.6100 (76.3775417d) Dec: +52 49 51.96 (52.83110d) Equinox: J2000	Proper Motion RA: 7.45 mas/yr Proper Motion Dec: -89.54 mas/yr Epoch of Position: 2000	V=11.78+/-0.01 HST WD standard	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(14)	G191B2B	RA: 05 05 30.6100 (76.3775417d) Dec: +52 49 51.96 (52.83110d) Equinox: J2000	Proper Motion RA: 7.45 mas/yr Proper Motion Dec: -89.54 mas/yr Epoch of Position: 2000	V=11.78+/-0.01 HST WD standard	Reference Frame: ICRS												

Proposal 12813 - Visit 14 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1	(14) G191B2B	STIS/CCD, ACQ, F28X50LP	MIRROR				0.4 Secs [==>]	[1]
	2	G230LB-wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G230LB 2375 A				[==>]	[1]
	3	G230LB-E1	(14) G191B2B	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=2; GAIN=4		Prime + Parallel Group 3-6 in Visit 14	468.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	G430L-E1	(14) G191B2B	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 3-6 in Visit 14	220.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 3-6 in Visit 14	375 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 3-6 in Visit 14	375 Secs [==>]	[1]
	7	G430L	(14) G191B2B	STIS/CCD, ACCUM, 52X2	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 14	220.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8	G750L	(14) G191B2B	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-9 in Visit 14	1100.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	9	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=15		Prime + Parallel Group 7-9 in Visit 14	[==>]	[1]
	10	G750L-wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
11	G750-fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	



Proposal 12813 - Visit 15 - Network of 13 high precision STIS spectrophotometric standards for ground based surveys

Tue Aug 21 01:09:02 GMT 2012

Visit	Proposal 12813, Visit 15, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, WFC3/IR, WFC3/UVIS Special Requirements: (none) <i>Comments: STIS GD71</i> <i>Repeat of Visit 01 of 11999</i>									
	Diagnosics (Visit 15) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(15)	GD71	RA: 05 52 27.6100 (88.1150417d) Dec: +15 53 13.75 (15.88715d) Equinox: J2000	Proper Motion RA: 85 mas/yr Proper Motion Dec: -174 mas/yr Epoch of Position: 2000	V=13.032+/-0.01 HST WD standard	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQ	(15) GD71	STIS/CCD, ACQ, F28X50LP	MIRROR				.9 Secs [==>]	[1]
	2	G230LB WAVE AVE	(15) GD71	STIS/CCD, ACCUM, 52X0.1	G230LB 2375 A				[==>]	[1]
	3	G230LB-E1	(15) GD71	STIS/CCD, ACCUM, 52X2E1	G230LB 2375 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 3-6 in Visit 15	600.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	4	G430L-E1	(15) GD71	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 3-6 in Visit 15	308.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	5	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W			Prime + Parallel Group 3-6 in Visit 15	490 Secs [==>]	[1]
	6	F336W	ANY	WFC3/UVIS, ACCUM, UVIS	F336W	CR-SPLIT=NO		Prime + Parallel Group 3-6 in Visit 15	490 Secs [==>]	[1]
	7	G750L	(15) GD71	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=2; GAIN=4; WAVECAL=NO		Prime + Parallel Group 7-8 in Visit 15	1000.0 Secs [==>(Split 1)] [==>(Split 2)]	[1]
	8	F160W	ANY	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=STEP100; NSAMP=15		Prime + Parallel Group 7-8 in Visit 15	[==>]	[1]
	9	G750L WAVE VE	(15) GD71	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A				[==>]	[1]
10	G750L Tungsten	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	LAMP=TUNGSTEN; GAIN=4			120 Secs X 4 [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	

