



## 14863 - ACS photometric calibration

Cycle: 24, Proposal Category: CAL/ACS

(Availability Mode: RESTRICTED)

### INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
<b>Dr. Ralph C. Bohlin (PI) (Contact)</b>	<b>Space Telescope Science Institute</b>	<b>bohlin@stsci.edu</b>
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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) G191B2B	ACS/WFC	1	09-Feb-2017 21:01:15.0	yes
02	(2) GD153	ACS/WFC	1	09-Feb-2017 21:01:17.0	yes
03	(3) GD71	ACS/WFC	1	09-Feb-2017 21:01:19.0	yes
04	(4) KF08T3	ACS/WFC	1	09-Feb-2017 21:01:21.0	yes
05	(4) KF08T3	ACS/WFC	1	09-Feb-2017 21:01:23.0	yes
06	(4) KF08T3	ACS/WFC	1	09-Feb-2017 21:01:25.0	yes
07	(4) KF08T3 NONE WAVE	STIS/CCD	1	09-Feb-2017 21:01:27.0	yes
08	(4) KF08T3 NONE WAVE	STIS/CCD	1	09-Feb-2017 21:01:28.0	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>
09	(4) KF08T3 NONE WAVE	STIS/CCD	1	09-Feb-2017 21:01:29.0	yes

9 Total Orbits Used

## ABSTRACT

Purposes:

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a) Monitor the ACSW CCD change in sensitivity over time with visits to the 3 primary WD standard stars, GD71, GD153, and G191B2B. Verify and refine the WFC photometric calibrations and repeatability measure. Single bright stars with photon statistical noise of ~0.2% are a more precise and straightforward approach than trying to use the multitude of stars in 47 Tuc to monitor the changing sensitivity. This part of the program has executed annually since Cycle 19. (3 ACS orbits)

b) Establish a new K type standard star to bolster the study of inflight bandpass shifts. Currently, most of the weight on the measurement of the ACS filter bandpass shifts is on the one lone K star KF06T2. To make a good standard with the required sub-percent precision requires at least 3 observations. Because STIS spectra are reference SEDs for the ACS flux calibration, the new standard requires 3 STIS orbits plus 3 ACS orbits with the usual selection of the most important broadband filters. Three observations are required because the instrumental repeatability ranges up to a scatter of ~1%, as illustrated for F435W in the Figure. There are four CALSPEC K stars with NICMOS heritage SEDs. Of the 3 without a STIS SED extension, KF08T3 differs from KF06T2 by the most in V and in spectral type. (6 orbits)

Description:

To achieve our 1% photometry goal, a repeated annual program is required to maintain the correction precision at sub-percent levels for the combined effects of CTE and photon sensitivity that both change over time. The ACS photometry for the bright standard stars in this program pushes the bright limit and has a 0.2-0.3% statistical photon error. This minimal investment in resources is required to characterize the most important WFC filters. The new K standard will verify and refine the published bandpass corrections for F435W and F814W, while providing a sounder basis for future bandpass corrections.

Duplicate Data:

The WD observation are repeats but are required to provide additional measures of sensitivity changes and to improve the precision of the sparse data set that is already available. Calibrations are time variable, which is not a duplication by definition, i.e. ACS rather than the stars can vary.

**OBSERVING DESCRIPTION**

Orbit Summary for Cycle 24 See BELOW for Phase 2 details.

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Instrum	Star	Sp. T.	Orbits	
WFC	GD153	DA1.2	1	ACS
WFC	GD71	DA1.5	1	ACS
WFC	G91B2B	DA.8	1	ACS
WFC	KF08T3	K0.5III	3	ACS
STIS	KF08T3	...	3	STIS

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Total      9 Orbits

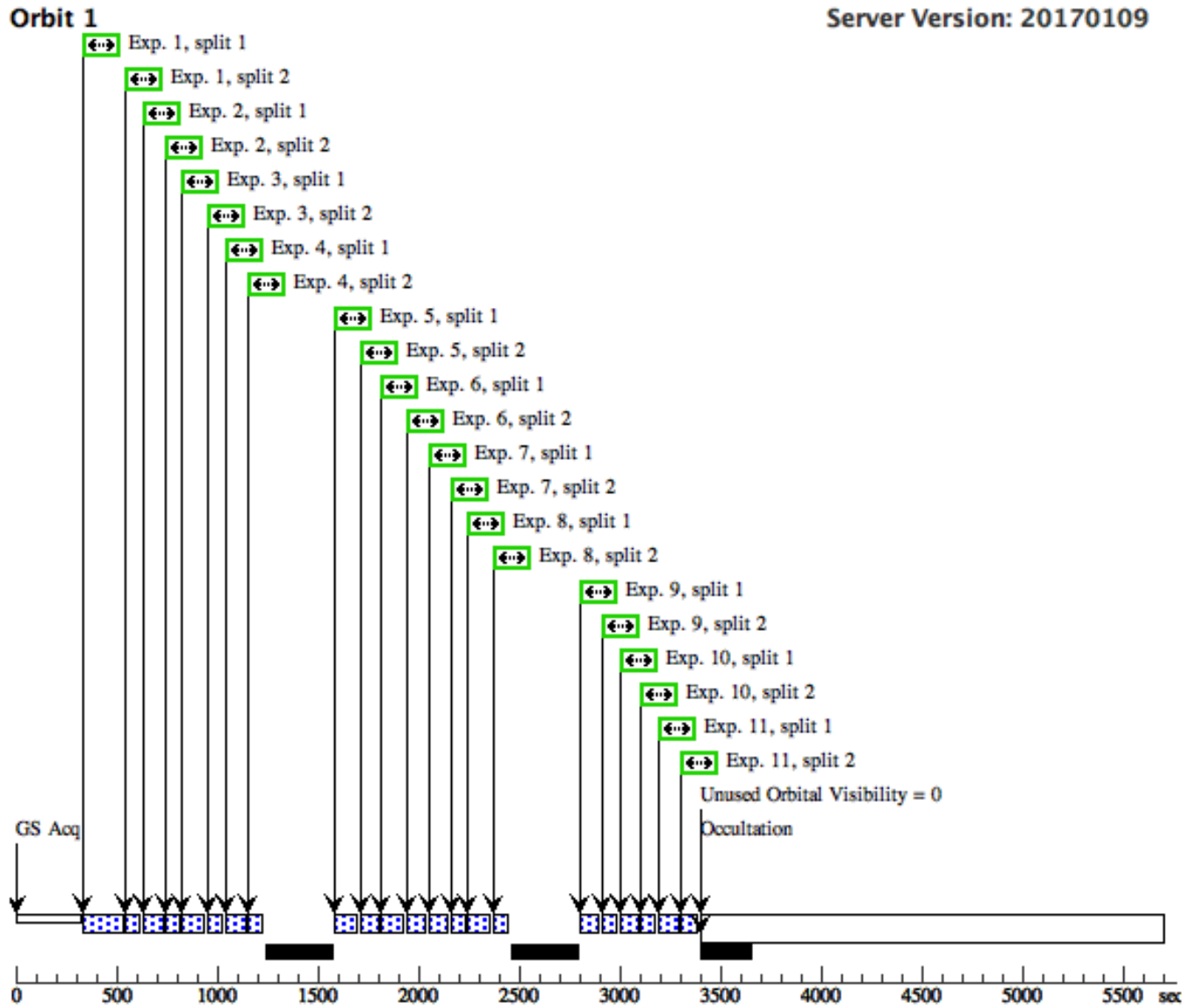
Proposal 14863 - ACS G191 (01) - ACS photometric calibration

<b>Visit</b>	<b>Proposal 14863, ACS G191 (01), completed</b> <span style="float: right;">Fri Feb 10 02:01:30 GMT 2017</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: BEFORE 30-SEP-2017:00:00:00 Comments: ACS G191 Postarg to WFC1-1K position for all exposures in this visit.																	
	<b>Fixed Targets</b>	<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>G191B2B</td> <td>RA: 05 05 30.6128 (76.3775533d) Dec: +52 49 51.96 (52.83110d) Equinox: J2000</td> <td>Proper Motion RA: 7.45 mas/yr Proper Motion Dec: -89.5 mas/yr Parallax: .0167" Epoch of Position: 2000 Radial Velocity: 69 km/sec</td> <td>V=11.781</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	G191B2B	RA: 05 05 30.6128 (76.3775533d) Dec: +52 49 51.96 (52.83110d) Equinox: J2000	Proper Motion RA: 7.45 mas/yr Proper Motion Dec: -89.5 mas/yr Parallax: .0167" Epoch of Position: 2000 Radial Velocity: 69 km/sec	V=11.781	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Extended=NO			
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(1)	G191B2B	RA: 05 05 30.6128 (76.3775533d) Dec: +52 49 51.96 (52.83110d) Equinox: J2000	Proper Motion RA: 7.45 mas/yr Proper Motion Dec: -89.5 mas/yr Parallax: .0167" Epoch of Position: 2000 Radial Velocity: 69 km/sec	V=11.781	Reference Frame: ICRS													

Proposal 14863 - ACS G191 (01) - ACS photometric calibration

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) G191B2B	ACS/WFC, ACCUM, WFC1B-1K	F435W	CR-SPLIT=2	POS TARG 25.59,-0.99		4 Secs (4 Secs)	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
	2		(1) G191B2B	ACS/WFC, ACCUM, WFC1B-1K	F814W	CR-SPLIT=2	SAME POS AS 1		4.0 Secs (4 Secs)	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
	3		(1) G191B2B	ACS/WFC, ACCUM, WFC1B-1K	F475W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs)	
									[==>(Split 1)]	[1]
									[==>(Split 2)]	
	4		(1) G191B2B	ACS/WFC, ACCUM, WFC1B-1K	F555W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs)	
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
5		(1) G191B2B	ACS/WFC, ACCUM, WFC1B-1K	F658N	CR-SPLIT=2	SAME POS AS 1		34 Secs (34 Secs)		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
6	(ACS.sp.240 965)	(1) G191B2B	ACS/WFC, ACCUM, WFC1B-1K	G800L	CR-SPLIT=2; AUTOIMAGE=NO	SAME POS AS 1		44.0 Secs (44 Secs)		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
7		(1) G191B2B	ACS/WFC, ACCUM, WFC1B-1K	F606W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs)		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
8		(1) G191B2B	ACS/WFC, ACCUM, WFC1B-1K	F775W	CR-SPLIT=2	SAME POS AS 1		4.0 Secs (4 Secs)		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
9		(1) G191B2B	ACS/WFC, ACCUM, WFC1B-1K	F625W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs)		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
10	(ACS.im.84 1051)	(1) G191B2B	ACS/WFC, ACCUM, WFC1B-1K	F550M	CR-SPLIT=2	SAME POS AS 1		4.0 Secs (4 Secs)		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		
11		(1) G191B2B	ACS/WFC, ACCUM, WFC1B-1K	F850LP	CR-SPLIT=2	SAME POS AS 1		16.0 Secs (16 Secs)		
								[==>(Split 1)]	[1]	
								[==>(Split 2)]		

Orbit Structure

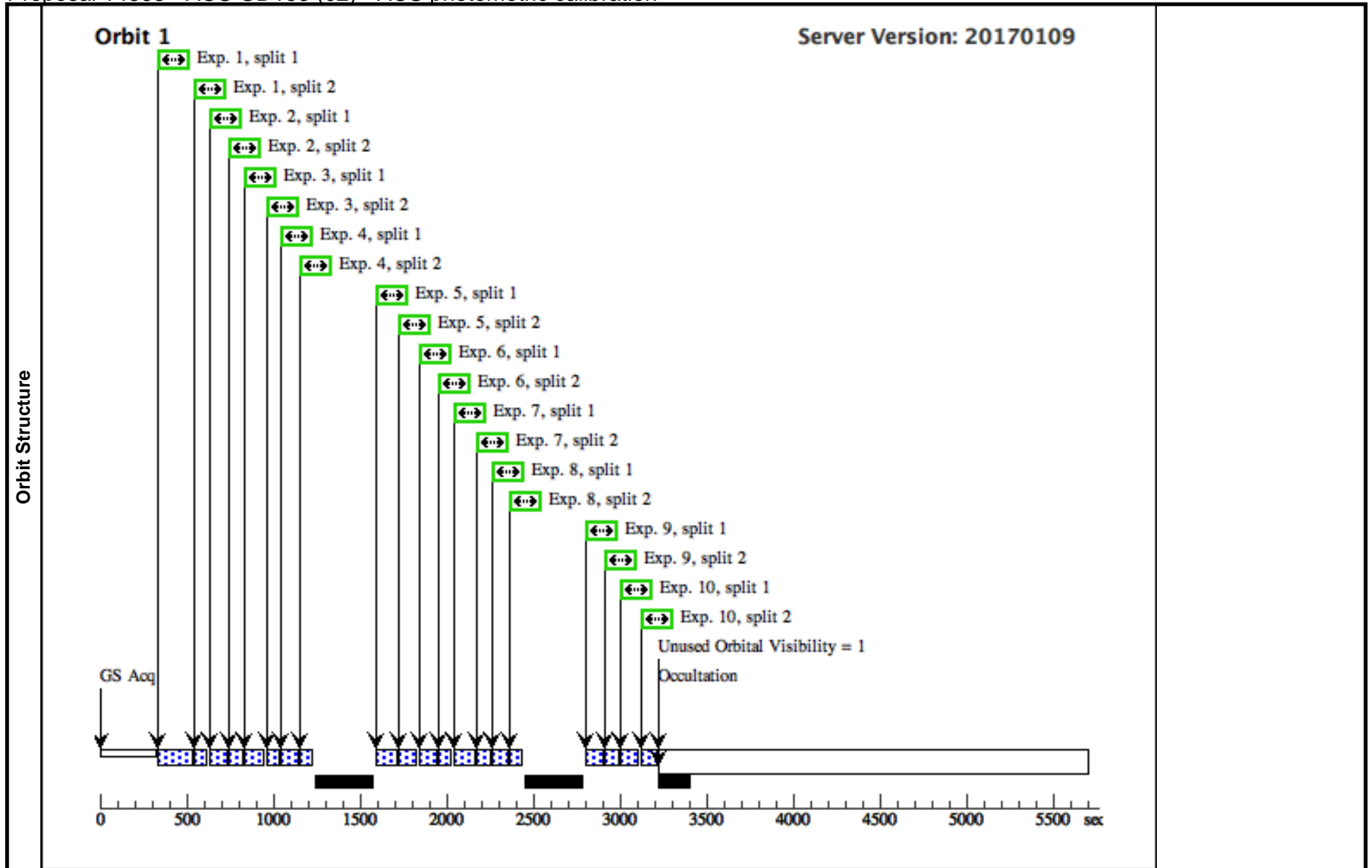


Proposal 14863 - ACS GD153 (02) - ACS photometric calibration

Fri Feb 10 02:01:31 GMT 2017

Visit	<b>Proposal 14863, ACS GD153 (02), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: BEFORE 30-SEP-2017:00:00:00 Comments: ACS GD153 Postarg to WFC1-1K position for all exposures in this visit.									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(2)	GD153	RA: 12 57 2.3370 (194.2597375d) Dec: +22 01 52.68 (22.03130d) Equinox: J2000	Proper Motion RA: -46 mas/yr Proper Motion Dec: -204 mas/yr Epoch of Position: 2000 Radial Velocity: 67 km/sec	V=13.349	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(2)	GD153	ACS/WFC, ACCUM, WFC1B-1K	F435W	CR-SPLIT=2	POS TARG 25.59,-0.99; GS ACQ SCENARI O BASE1B3		4 Secs (4 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	2	(2)	GD153	ACS/WFC, ACCUM, WFC1B-1K	F814W	CR-SPLIT=2	SAME POS AS 1		8.0 Secs (8 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	3	(2)	GD153	ACS/WFC, ACCUM, WFC1B-1K	F475W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	4	(2)	GD153	ACS/WFC, ACCUM, WFC1B-1K	F555W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	5	(2)	GD153	ACS/WFC, ACCUM, WFC1B-1K	F658N	CR-SPLIT=2	SAME POS AS 1		54 Secs (54 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	6	(2)	GD153	ACS/WFC, ACCUM, WFC1B-1K	F606W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	7	(2)	GD153	ACS/WFC, ACCUM, WFC1B-1K	F775W	CR-SPLIT=2	SAME POS AS 1		8.0 Secs (8 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	8	(2)	GD153	ACS/WFC, ACCUM, WFC1B-1K	F625W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	9	(2)	GD153	ACS/WFC, ACCUM, WFC1B-1K	F550M	CR-SPLIT=2	SAME POS AS 1		12 Secs (12 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
10	(2)	GD153	ACS/WFC, ACCUM, WFC1B-1K	F850LP	CR-SPLIT=2	SAME POS AS 1		28.0 Secs (28 Secs) [==>(Split 1)] [==>(Split 2)]	[1]	



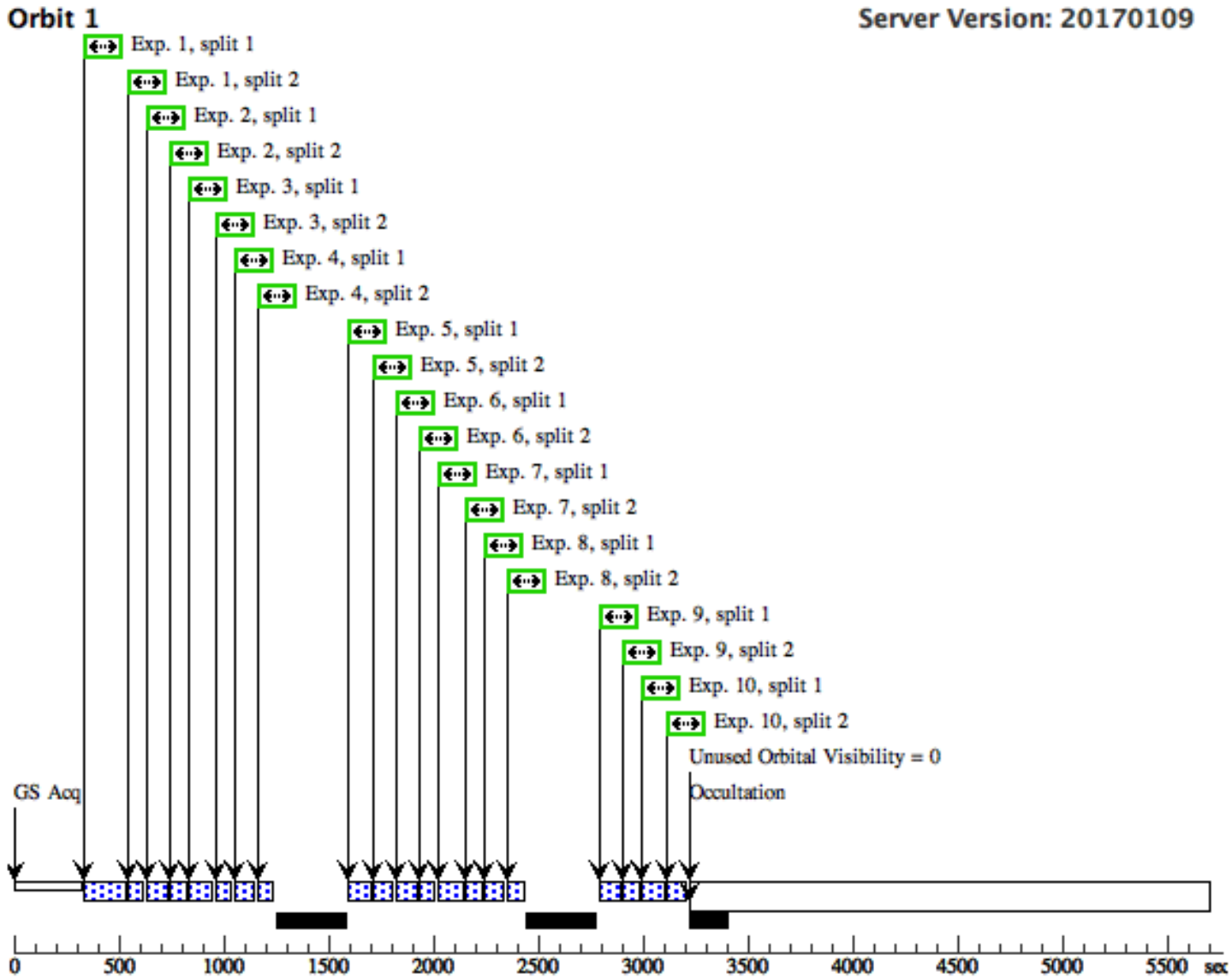


Proposal 14863 - ACS GD71 (03) - ACS photometric calibration

Fri Feb 10 02:01:31 GMT 2017

Visit	<b>Proposal 14863, ACS GD71 (03), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: ACS/WFC Special Requirements: BEFORE 30-SEP-2017:00:00:00 Comments: ACS GD71 Postarg to WFC1-1K position for all exposures in this visit.									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	GD71	RA: 05 52 27.6140 (88.1150583d) Dec: +15 53 13.75 (15.88715d) Equinox: J2000	Proper Motion RA: 76 mas/yr Proper Motion Dec: -172 mas/yr Epoch of Position: 2000 Radial Velocity: 12 km/sec	V=13.032	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(3) GD71		ACS/WFC, ACCUM, WFC1B-1K	F435W	CR-SPLIT=2	POS TARG 25.6,+1.5		4 Secs (4 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	2	(3) GD71		ACS/WFC, ACCUM, WFC1B-1K	F814W	CR-SPLIT=2	SAME POS AS 1		10 Secs (10 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	3	(3) GD71		ACS/WFC, ACCUM, WFC1B-1K	F555W	CR-SPLIT=2	SAME POS AS 1		6 Secs (6 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	4	(3) GD71		ACS/WFC, ACCUM, WFC1B-1K	F475W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	5	(3) GD71		ACS/WFC, ACCUM, WFC1B-1K	F658N	CR-SPLIT=2	SAME POS AS 1		42 Secs (42 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	6	(3) GD71		ACS/WFC, ACCUM, WFC1B-1K	F606W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	7	(3) GD71		ACS/WFC, ACCUM, WFC1B-1K	F775W	CR-SPLIT=2	SAME POS AS 1		10 Secs (10 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	8	(3) GD71		ACS/WFC, ACCUM, WFC1B-1K	F625W	CR-SPLIT=2	SAME POS AS 1		8 Secs (8 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	9	(3) GD71		ACS/WFC, ACCUM, WFC1B-1K	F550M	CR-SPLIT=2	SAME POS AS 1		12 Secs (12 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	10	(3) GD71		ACS/WFC, ACCUM, WFC1B-1K	F850LP	CR-SPLIT=2	SAME POS AS 1		38 Secs (38 Secs) [==>(Split 1)] [==>(Split 2)]	[1]

Orbit Structure



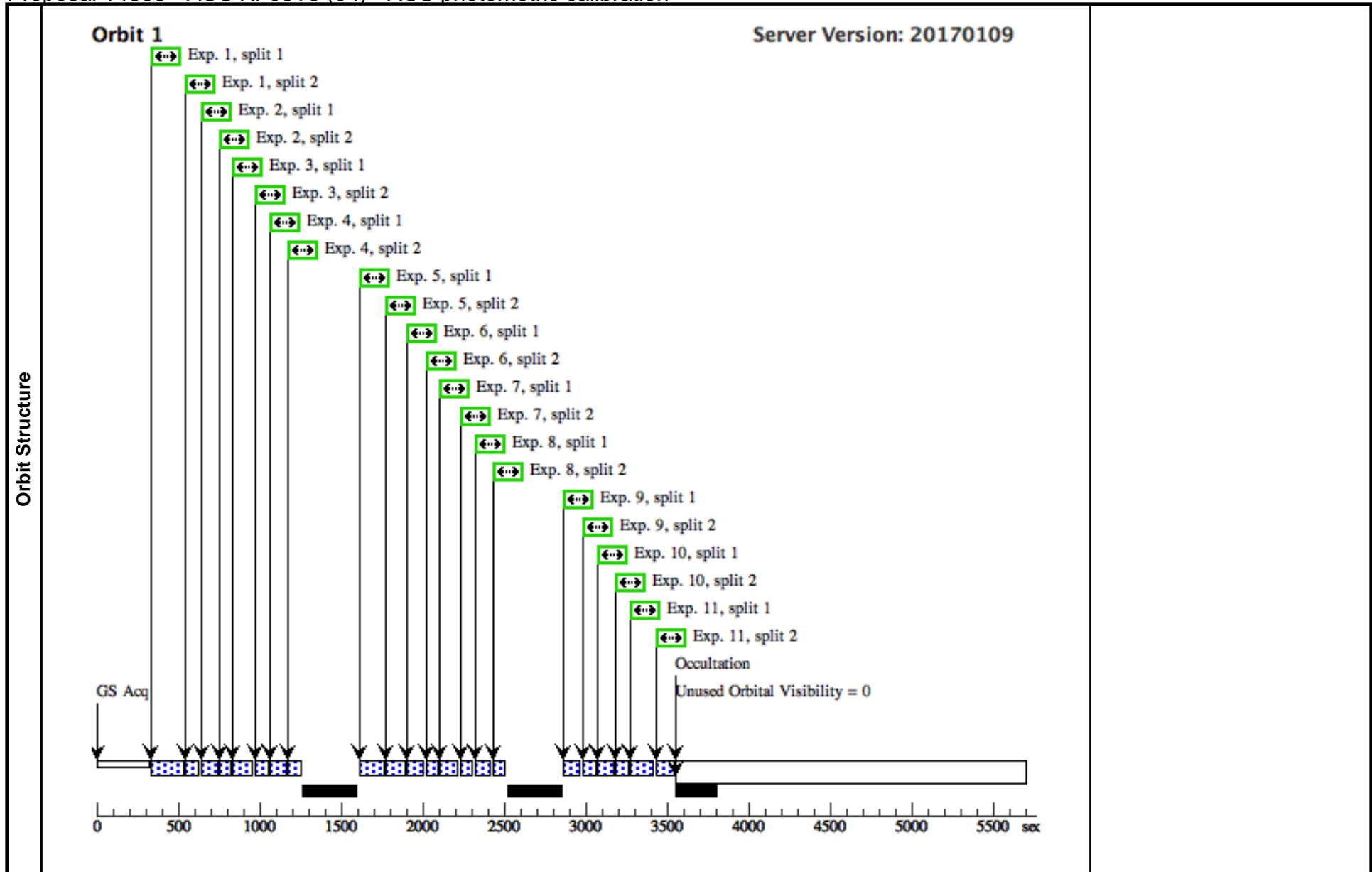
Proposal 14863 - ACS KF08T3 (04) - ACS photometric calibration

Fri Feb 10 02:01:31 GMT 2017

<b>Visit</b>	<p><b>Proposal 14863, ACS KF08T3 (04), scheduling</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: ACS/WFC</p> <p>Special Requirements: BEFORE 30-SEP-2017:00:00:00</p> <p><i>Comments: ACS KF08T3</i></p> <p><i>Postarg to WFC1-1K position for all exposures in this visit.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(4)		KF08T3	RA: 17 55 16.2230 (268.8175958d) Dec: +66 10 11.64 (66.16990d) Equinox: J2000	Proper Motion RA: 2.6 mas/yr Proper Motion Dec: -5.6 mas/yr Epoch of Position: 2000	V=13.18	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Extended=NO</i></p>						

Proposal 14863 - ACS KF08T3 (04) - ACS photometric calibration

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F435W	CR-SPLIT=2	POS TARG 25.9,+1. 9		24 Secs (24 Secs)	[1]
									[==>(Split 1)] [==>(Split 2)]	
	2	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F814W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs)	[1]
									[==>(Split 1)] [==>(Split 2)]	
	3	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F475W	CR-SPLIT=2	SAME POS AS 1		11 Secs (11 Secs)	[1]
									[==>(Split 1)] [==>(Split 2)]	
	4	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F555W	CR-SPLIT=2	SAME POS AS 1		9 Secs (9 Secs)	[1]
									[==>(Split 1)] [==>(Split 2)]	
	5	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F658N	CR-SPLIT=2	SAME POS AS 1		100 Secs (100 Secs)	[1]
									[==>(Split 1)] [==>(Split 2)]	
6	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F606W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs)	[1]	
								[==>(Split 1)] [==>(Split 2)]		
7	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F775W	CR-SPLIT=2	SAME POS AS 1		5 Secs (5 Secs)	[1]	
								[==>(Split 1)] [==>(Split 2)]		
8	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F625W	CR-SPLIT=2	SAME POS AS 1		5 Secs (5 Secs)	[1]	
								[==>(Split 1)] [==>(Split 2)]		
9	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F550M	CR-SPLIT=2	SAME POS AS 1		18 Secs (18 Secs)	[1]	
								[==>(Split 1)] [==>(Split 2)]		
10	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F850LP	CR-SPLIT=2	SAME POS AS 1		12 Secs (12 Secs)	[1]	
								[==>(Split 1)] [==>(Split 2)]		
11	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	G800L	CR-SPLIT=2; AUTOIMAGE=NO	SAME POS AS 1		70 Secs (70 Secs)	[1]	
								[==>(Split 1)] [==>(Split 2)]		



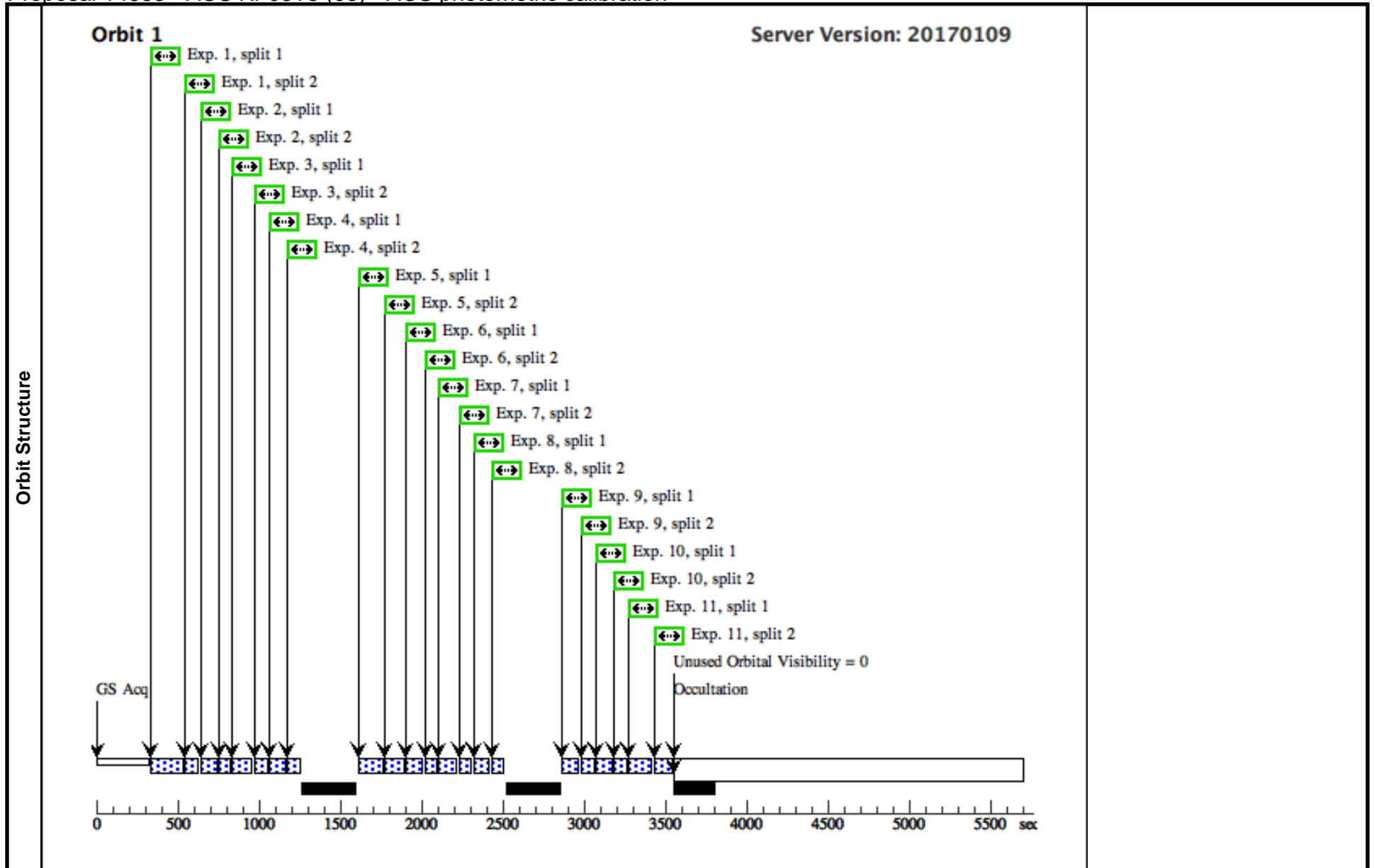
Proposal 14863 - ACS KF08T3 (05) - ACS photometric calibration

<b>Visit</b>	<p><b>Proposal 14863, ACS KF08T3 (05), scheduling</b> <span style="float: right;">Fri Feb 10 02:01:31 GMT 2017</span></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: ACS/WFC</p> <p>Special Requirements: AFTER 04 BY 18 D TO 300 D; BEFORE 30-SEP-2017:00:00:00</p> <p><i>Comments: ACS KF08T3</i></p> <p><i>Postarg to WFC1-1K position for all exposures in this visit.</i></p>												
	<b>Fixed Targets</b>	<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>(4)</td> <td>KF08T3</td> <td>RA: 17 55 16.2230 (268.8175958d) Dec: +66 10 11.64 (66.16990d) Equinox: J2000</td> <td>Proper Motion RA: 2.6 mas/yr Proper Motion Dec: -5.6 mas/yr Epoch of Position: 2000</td> <td>V=13.18</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Extended=NO</i></p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(4)	KF08T3	RA: 17 55 16.2230 (268.8175958d) Dec: +66 10 11.64 (66.16990d) Equinox: J2000	Proper Motion RA: 2.6 mas/yr Proper Motion Dec: -5.6 mas/yr Epoch of Position: 2000	V=13.18
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous								
(4)	KF08T3	RA: 17 55 16.2230 (268.8175958d) Dec: +66 10 11.64 (66.16990d) Equinox: J2000	Proper Motion RA: 2.6 mas/yr Proper Motion Dec: -5.6 mas/yr Epoch of Position: 2000	V=13.18	Reference Frame: ICRS								

Proposal 14863 - ACS KF08T3 (05) - ACS photometric calibration

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F435W	CR-SPLIT=2	POS TARG 25.9,+1. 9		24 Secs (24 Secs)	[1]
									[==>(Split 1)]	
									[==>(Split 2)]	
	2	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F814W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs)	[1]
									[==>(Split 1)]	
									[==>(Split 2)]	
	3	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F475W	CR-SPLIT=2	SAME POS AS 1		11 Secs (11 Secs)	[1]
									[==>(Split 1)]	
									[==>(Split 2)]	
	4	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F555W	CR-SPLIT=2	SAME POS AS 1		9 Secs (9 Secs)	[1]
								[==>(Split 1)]		
								[==>(Split 2)]		
5	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F658N	CR-SPLIT=2	SAME POS AS 1		100 Secs (100 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
6	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F606W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
7	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F775W	CR-SPLIT=2	SAME POS AS 1		5 Secs (5 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
8	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F625W	CR-SPLIT=2	SAME POS AS 1		5 Secs (5 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
9	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F550M	CR-SPLIT=2	SAME POS AS 1		18 Secs (18 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
10	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F850LP	CR-SPLIT=2	SAME POS AS 1		12 Secs (12 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
11	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	G800L	CR-SPLIT=2; AUTOIMAGE=NO	SAME POS AS 1		70 Secs (70 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		





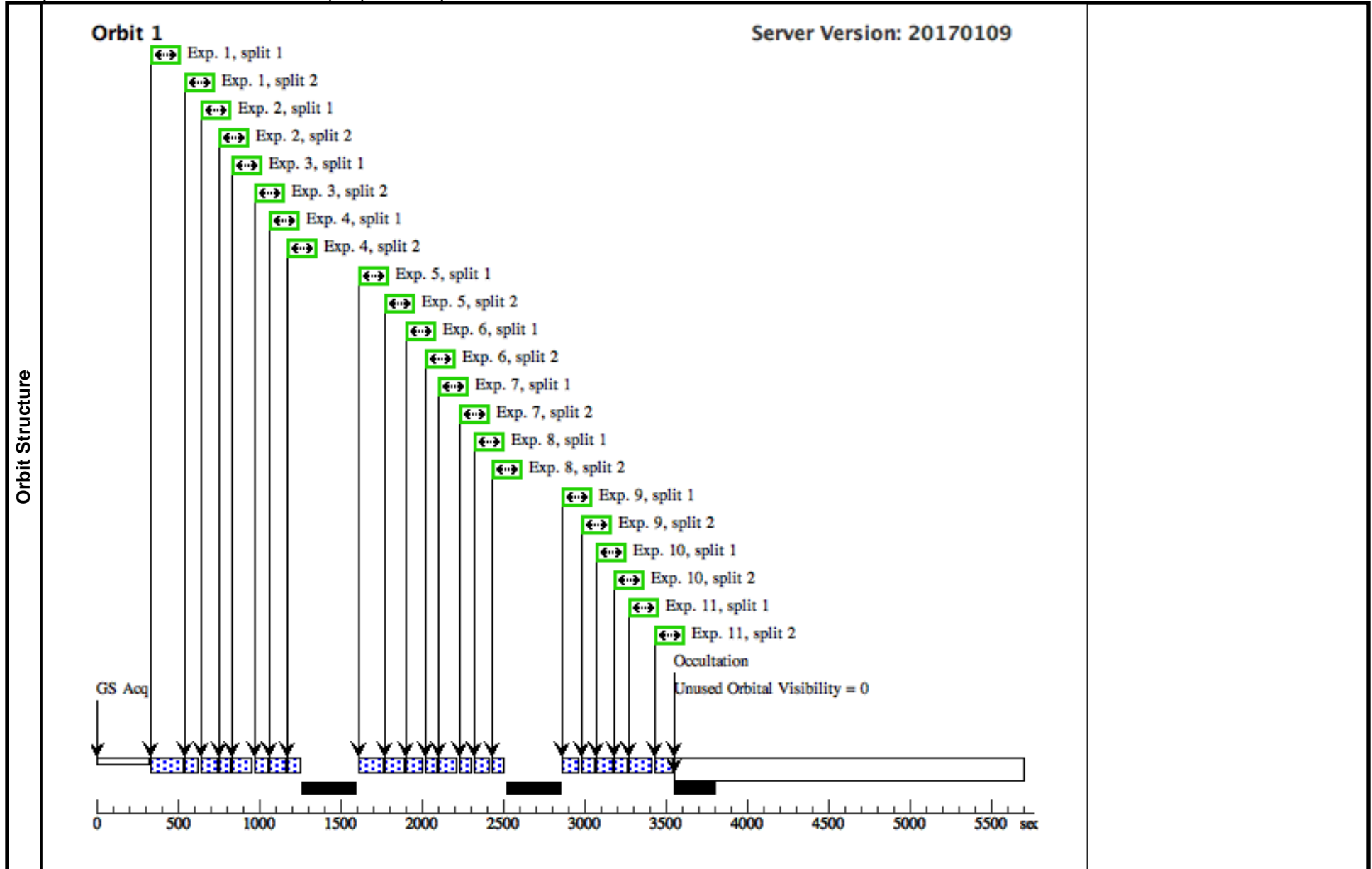
Proposal 14863 - ACS KF08T3 (06) - ACS photometric calibration

Fri Feb 10 02:01:31 GMT 2017

<b>Visit</b>	<p><b>Proposal 14863, ACS KF08T3 (06), scheduling</b></p> <p><b>Diagnostic Status: No Diagnostics</b></p> <p>Scientific Instruments: ACS/WFC</p> <p>Special Requirements: AFTER 05 BY 18 D TO 300 D; BEFORE 30-SEP-2017:00:00:00</p> <p><i>Comments: ACS KF08T3</i></p> <p><i>Postarg to WFC1-1K position for all exposures in this visit.</i></p>					
	<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>
(4)		KF08T3	RA: 17 55 16.2230 (268.8175958d) Dec: +66 10 11.64 (66.16990d) Equinox: J2000	Proper Motion RA: 2.6 mas/yr Proper Motion Dec: -5.6 mas/yr Epoch of Position: 2000	V=13.18	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>Extended=NO</i></p>						

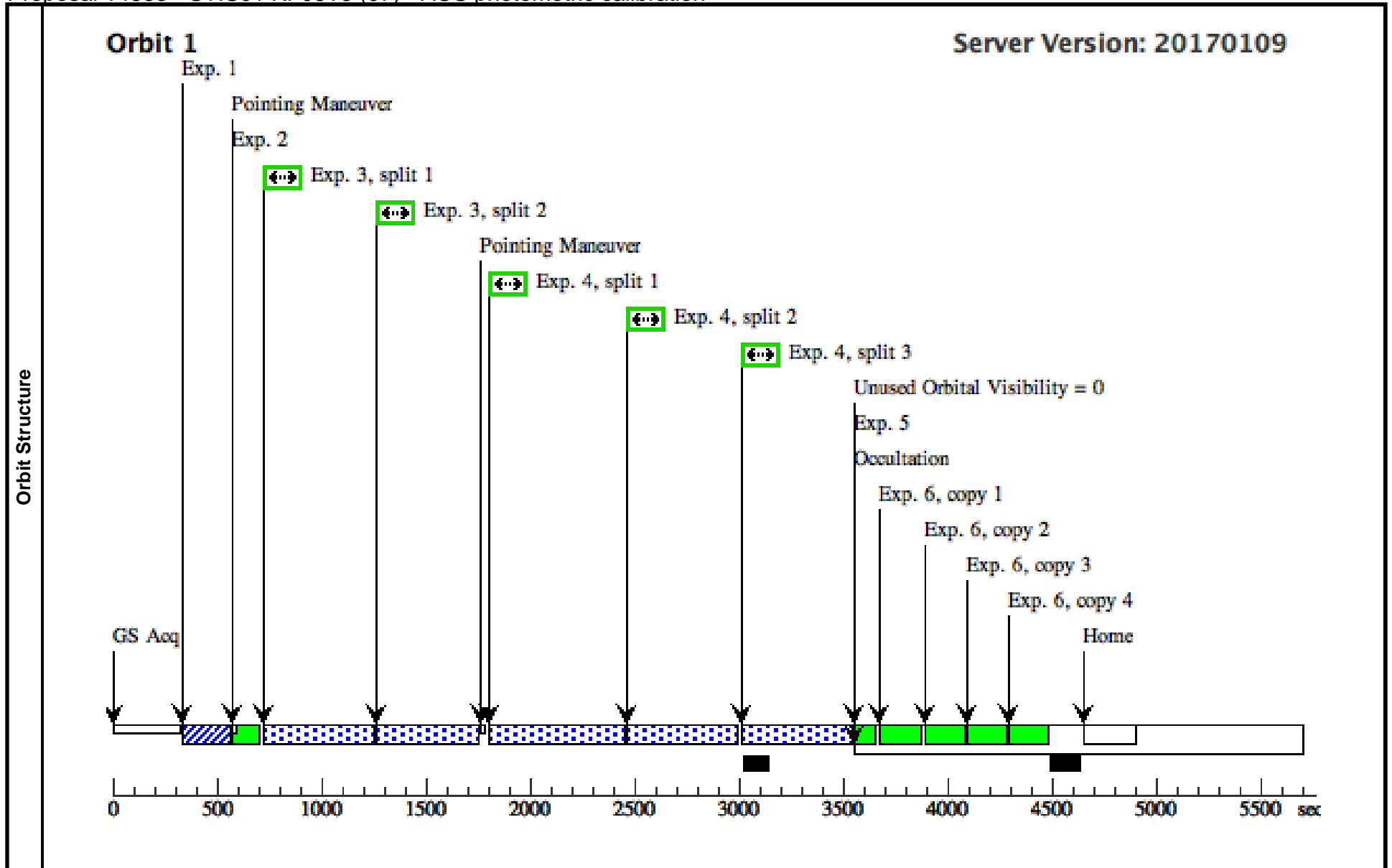
Proposal 14863 - ACS KF08T3 (06) - ACS photometric calibration

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F435W	CR-SPLIT=2	POS TARG 25.9,+1.9		24 Secs (24 Secs)	[1]
									[==>(Split 1)]	
									[==>(Split 2)]	
	2	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F814W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs)	[1]
									[==>(Split 1)]	
									[==>(Split 2)]	
	3	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F475W	CR-SPLIT=2	SAME POS AS 1		11 Secs (11 Secs)	[1]
									[==>(Split 1)]	
									[==>(Split 2)]	
	4	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F555W	CR-SPLIT=2	SAME POS AS 1		9 Secs (9 Secs)	[1]
								[==>(Split 1)]		
								[==>(Split 2)]		
5	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F658N	CR-SPLIT=2	SAME POS AS 1		100 Secs (100 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
6	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F606W	CR-SPLIT=2	SAME POS AS 1		4 Secs (4 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
7	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F775W	CR-SPLIT=2	SAME POS AS 1		5 Secs (5 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
8	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F625W	CR-SPLIT=2	SAME POS AS 1		5 Secs (5 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
9	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F550M	CR-SPLIT=2	SAME POS AS 1		18 Secs (18 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
10	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	F850LP	CR-SPLIT=2	SAME POS AS 1		12 Secs (12 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		
11	(4) KF08T3	(4) KF08T3	ACS/WFC, ACCUM, WFC1B-1K	G800L	CR-SPLIT=2; AUTOIMAGE=NO	SAME POS AS 1		70 Secs (70 Secs)	[1]	
								[==>(Split 1)]		
								[==>(Split 2)]		



Proposal 14863 - STIS01 KF08T3 (07) - ACS photometric calibration

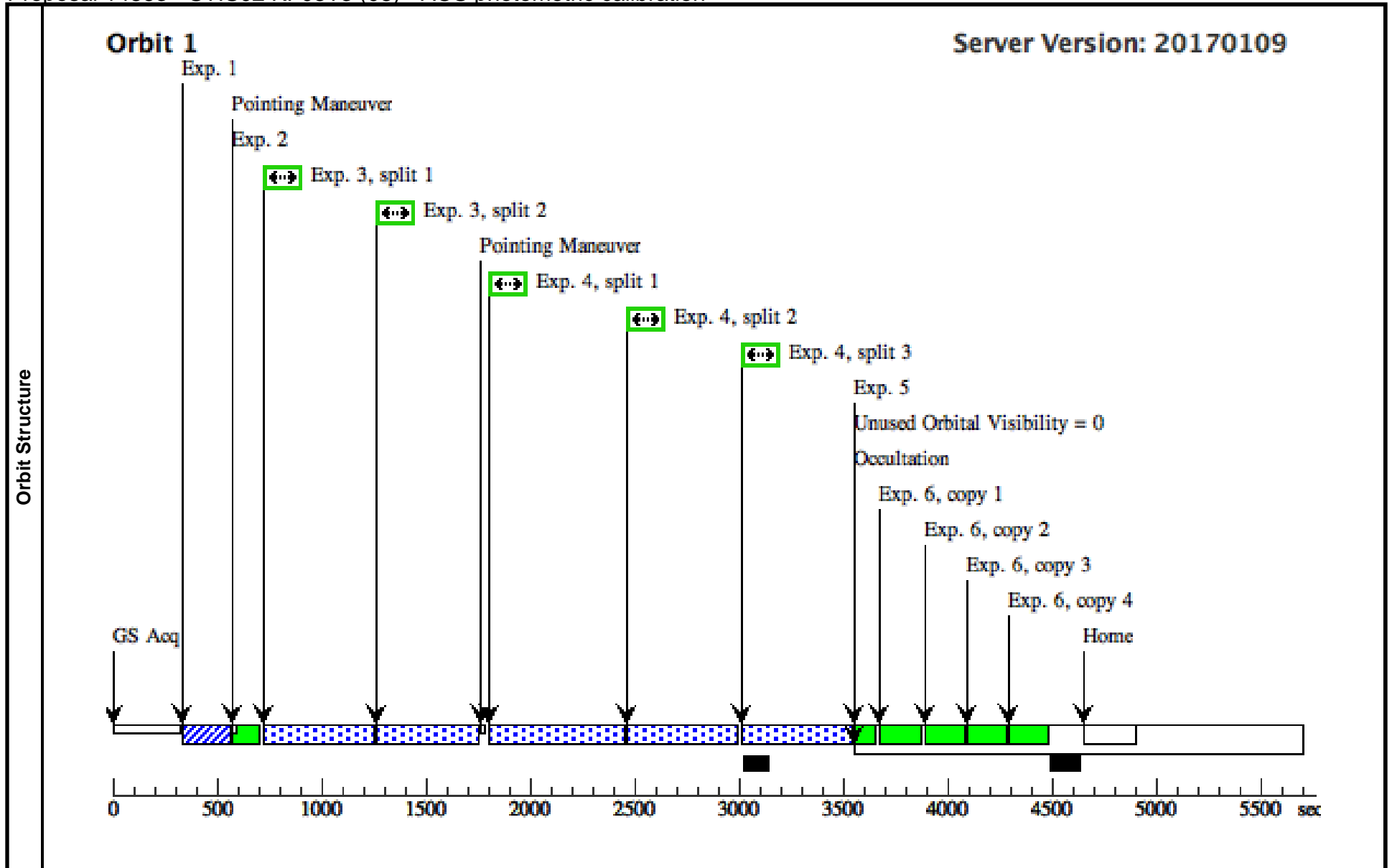
<b>Visit</b>	Proposal 14863, STIS01 KF08T3 (07), completed <span style="float: right;">Fri Feb 10 02:01:31 GMT 2017</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: STIS/CCD Special Requirements: BEFORE 16-JUL-2017:00:00:00																																																																																														
	<b>Diagnosics</b> (STIS01 KF08T3 (07)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION																																																																																														
<b>Fixed Targets</b>	<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>(4)</td> <td>KF08T3</td> <td>RA: 17 55 16.2230 (268.8175958d) Dec: +66 10 11.64 (66.16990d) Equinox: J2000</td> <td>Proper Motion RA: 2.6 mas/yr Proper Motion Dec: -5.6 mas/yr Epoch of Position: 2000</td> <td>V=13.18</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>                  Extended=NO</p>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(4)	KF08T3	RA: 17 55 16.2230 (268.8175958d) Dec: +66 10 11.64 (66.16990d) Equinox: J2000	Proper Motion RA: 2.6 mas/yr Proper Motion Dec: -5.6 mas/yr Epoch of Position: 2000	V=13.18	Reference Frame: ICRS																																																																													
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<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1 ACQ</td> <td>(4) KF08T3</td> <td>STIS/CCD, ACQ, F28X50LP</td> <td>MIRROR</td> <td></td> <td></td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (07)</td> <td>0.4 Secs (0.4 Secs) [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>2 G430L WAVE AVE</td> <td>(4) KF08T3</td> <td>STIS/CCD, ACCUM, 52X0.1</td> <td>G430L 4300 A</td> <td></td> <td>NEW ALIGNMENT</td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (07)</td> <td>[==&gt;]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>3 G430L</td> <td>(4) KF08T3</td> <td>STIS/CCD, ACCUM, 52X2E1</td> <td>G430L 4300 A</td> <td>CR-SPLIT=2; GAIN=1; WAVECAL=NO</td> <td></td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (07)</td> <td>900.0 Secs (900 Secs) [==&gt;(Split 1)] [==&gt;(Split 2)]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: S/N &gt; 100 at &gt; 3000 A</i></td> </tr> <tr> <td>4</td> <td>4 G750L</td> <td>(4) KF08T3</td> <td>STIS/CCD, ACCUM, 52X2</td> <td>G750L 7751 A</td> <td>CR-SPLIT=3; GAIN=1; WAVECAL=NO</td> <td>MAX DUR 100.0 %; MIN DUR 99.0 %</td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (07)</td> <td>1494.0 Secs (1494 Secs) [==&gt;(Split 1)] [==&gt;(Split 2)] [==&gt;(Split 3)]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: S/N &gt; 100 at &lt; 9500 A</i></td> </tr> <tr> <td>5</td> <td>5 G750L-wave</td> <td>WAVE</td> <td>STIS/CCD, ACCUM, 52X0.1</td> <td>G750L 7751 A</td> <td></td> <td></td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (07)</td> <td>[==&gt;]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>6 G750L fringe</td> <td>NONE</td> <td>STIS/CCD, ACCUM, 0.3X0.09</td> <td>G750L 7751 A</td> <td>GAIN=4; LAMP=TUNGSTE N</td> <td></td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (07)</td> <td>120.0 Secs X 4 (480 Secs) [==&gt;(Copy 1)] [==&gt;(Copy 2)] [==&gt;(Copy 3)] [==&gt;(Copy 4)]</td> <td>[1]</td> </tr> </tbody> </table>						#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	1 ACQ	(4) KF08T3	STIS/CCD, ACQ, F28X50LP	MIRROR			Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	0.4 Secs (0.4 Secs) [==>]	[1]	2	2 G430L WAVE AVE	(4) KF08T3	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		NEW ALIGNMENT	Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	[==>]	[1]	3	3 G430L	(4) KF08T3	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO		Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	900.0 Secs (900 Secs) [==>(Split 1)] [==>(Split 2)]	[1]	<i>Comments: S/N &gt; 100 at &gt; 3000 A</i>										4	4 G750L	(4) KF08T3	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=3; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %	Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	1494.0 Secs (1494 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]	<i>Comments: S/N &gt; 100 at &lt; 9500 A</i>										5	5 G750L-wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	[==>]	[1]	6	6 G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTE N		Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	120.0 Secs X 4 (480 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																																						
1	1 ACQ	(4) KF08T3	STIS/CCD, ACQ, F28X50LP	MIRROR			Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	0.4 Secs (0.4 Secs) [==>]	[1]																																																																																						
2	2 G430L WAVE AVE	(4) KF08T3	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		NEW ALIGNMENT	Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	[==>]	[1]																																																																																						
3	3 G430L	(4) KF08T3	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO		Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	900.0 Secs (900 Secs) [==>(Split 1)] [==>(Split 2)]	[1]																																																																																						
<i>Comments: S/N &gt; 100 at &gt; 3000 A</i>																																																																																															
4	4 G750L	(4) KF08T3	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=3; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %	Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	1494.0 Secs (1494 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]																																																																																						
<i>Comments: S/N &gt; 100 at &lt; 9500 A</i>																																																																																															
5	5 G750L-wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	[==>]	[1]																																																																																						
6	6 G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTE N		Sequence 1-6 Non-Int in STIS01 KF08T3 (07)	120.0 Secs X 4 (480 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]																																																																																						



Proposal 14863 - STIS02 KF08T3 (08) - ACS photometric calibration

Fri Feb 10 02:01:31 GMT 2017

<b>Visit</b>	Proposal 14863, STIS02 KF08T3 (08), scheduling <b>Diagnostic Status: Warning</b> Scientific Instruments: STIS/CCD Special Requirements: AFTER 07 BY 14 D TO 300 D; BEFORE 16-JUL-2017:00:00:00									
	(STIS02 KF08T3 (08)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(4)	KF08T3	RA: 17 55 16.2230 (268.8175958d) Dec: +66 10 11.64 (66.16990d) Equinox: J2000	Proper Motion RA: 2.6 mas/yr Proper Motion Dec: -5.6 mas/yr Epoch of Position: 2000	V=13.18	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Extended=NO										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	1 ACQ	(4) KF08T3	STIS/CCD, ACQ, F28X50LP	MIRROR			Sequence 1-6 Non-Int in STIS02 KF08T3 (08)	0.4 Secs (0.4 Secs) [==>]	[1]
	2	2 G430L WAVE AVE	(4) KF08T3	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		NEW ALIGNMENT	Sequence 1-6 Non-Int in STIS02 KF08T3 (08)	[==>]	[1]
	3	3 G430L	(4) KF08T3	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO		Sequence 1-6 Non-Int in STIS02 KF08T3 (08)	900.0 Secs (900 Secs) [==>(Split 1)] [==>(Split 2)]	[1]
	Comments: S/N > 100 at > 3000 A									
	4	4 G750L	(4) KF08T3	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=3; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %	Sequence 1-6 Non-Int in STIS02 KF08T3 (08)	1494.0 Secs (1494 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]
	Comments: S/N > 100 at < 9500 A									
5	5 G750L-wave	(4) KF08T3	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			Sequence 1-6 Non-Int in STIS02 KF08T3 (08)	[==>]	[1]	
6	6 G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTE N		Sequence 1-6 Non-Int in STIS02 KF08T3 (08)	120.0 Secs X 4 (480 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]	





Proposal 14863 - STIS01 KF08T3 (09) - ACS photometric calibration

Fri Feb 10 02:01:31 GMT 2017

<b>Visit</b>	<b>Proposal 14863, STIS01 KF08T3 (09), scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: STIS/CCD Special Requirements: AFTER 08 BY 14 D TO 300 D; BEFORE 16-JUL-2017:00:00:00																																																																																																			
	<b>Diagnosics</b> (STIS01 KF08T3 (09)) Warning (Orbit Planner): MISSING FRINGE FLAT CALIBRATION																																																																																																			
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(4)	KF08T3	RA: 17 55 16.2230 (268.8175958d) Dec: +66 10 11.64 (66.16990d) Equinox: J2000	Proper Motion RA: 2.6 mas/yr Proper Motion Dec: -5.6 mas/yr Epoch of Position: 2000	V=13.18	Reference Frame: ICRS																																																																																															
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Extended=NO																																																																																																				
<b>Exposures</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1 ACQ</td> <td>(4) KF08T3</td> <td>STIS/CCD, ACQ, F28X50LP</td> <td>MIRROR</td> <td></td> <td></td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (09)</td> <td>0.4 Secs (0.4 Secs) [==&gt;]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>2 G430L WAVE AVE</td> <td>(4) KF08T3</td> <td>STIS/CCD, ACCUM, 52X0.1</td> <td>G430L 4300 A</td> <td></td> <td>NEW ALIGNMENT</td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (09)</td> <td>[==&gt;]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>3 G430L</td> <td>(4) KF08T3</td> <td>STIS/CCD, ACCUM, 52X2E1</td> <td>G430L 4300 A</td> <td>CR-SPLIT=2; GAIN=1; WAVECAL=NO</td> <td></td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (09)</td> <td>900.0 Secs (900 Secs) [==&gt;(Split 1)] [==&gt;(Split 2)]</td> <td>[1]</td> </tr> <tr> <td colspan="10">Comments: S/N &gt; 100 at &gt; 3000 A</td> </tr> <tr> <td>4</td> <td>4 G750L</td> <td>(4) KF08T3</td> <td>STIS/CCD, ACCUM, 52X2</td> <td>G750L 7751 A</td> <td>CR-SPLIT=3; GAIN=1; WAVECAL=NO</td> <td>MAX DUR 100.0 %; MIN DUR 99.0 %</td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (09)</td> <td>1494.0 Secs (1494 Secs) [==&gt;(Split 1)] [==&gt;(Split 2)] [==&gt;(Split 3)]</td> <td>[1]</td> </tr> <tr> <td colspan="10">Comments: S/N &gt; 100 at &lt; 9500 A</td> </tr> <tr> <td>5</td> <td>5 G750L-wave</td> <td>WAVE</td> <td>STIS/CCD, ACCUM, 52X0.1</td> <td>G750L 7751 A</td> <td></td> <td></td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (09)</td> <td>[==&gt;]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>6 G750L fringe</td> <td>NONE</td> <td>STIS/CCD, ACCUM, 0.3X0.09</td> <td>G750L 7751 A</td> <td>GAIN=4; LAMP=TUNGSTE N</td> <td></td> <td>Sequence 1-6 Non-Int in STIS01 KF08T3 (09)</td> <td>120.0 Secs X 4 (480 Secs) [==&gt;(Copy 1)] [==&gt;(Copy 2)] [==&gt;(Copy 3)] [==&gt;(Copy 4)]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	1 ACQ	(4) KF08T3	STIS/CCD, ACQ, F28X50LP	MIRROR			Sequence 1-6 Non-Int in STIS01 KF08T3 (09)	0.4 Secs (0.4 Secs) [==>]	[1]	2	2 G430L WAVE AVE	(4) KF08T3	STIS/CCD, ACCUM, 52X0.1	G430L 4300 A		NEW ALIGNMENT	Sequence 1-6 Non-Int in STIS01 KF08T3 (09)	[==>]	[1]	3	3 G430L	(4) KF08T3	STIS/CCD, ACCUM, 52X2E1	G430L 4300 A	CR-SPLIT=2; GAIN=1; WAVECAL=NO		Sequence 1-6 Non-Int in STIS01 KF08T3 (09)	900.0 Secs (900 Secs) [==>(Split 1)] [==>(Split 2)]	[1]	Comments: S/N > 100 at > 3000 A										4	4 G750L	(4) KF08T3	STIS/CCD, ACCUM, 52X2	G750L 7751 A	CR-SPLIT=3; GAIN=1; WAVECAL=NO	MAX DUR 100.0 %; MIN DUR 99.0 %	Sequence 1-6 Non-Int in STIS01 KF08T3 (09)	1494.0 Secs (1494 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)]	[1]	Comments: S/N > 100 at < 9500 A										5	5 G750L-wave	WAVE	STIS/CCD, ACCUM, 52X0.1	G750L 7751 A			Sequence 1-6 Non-Int in STIS01 KF08T3 (09)	[==>]	[1]	6	6 G750L fringe	NONE	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A	GAIN=4; LAMP=TUNGSTE N		Sequence 1-6 Non-Int in STIS01 KF08T3 (09)	120.0 Secs X 4 (480 Secs) [==>(Copy 1)] [==>(Copy 2)] [==>(Copy 3)] [==>(Copy 4)]	[1]
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