



16518 - WFC3 Focus Cross Calibration

Cycle: 28, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

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	(2) M22OFFSET2	WFC3/UVIS	1	23-May-2022 17:00:15.0	yes
02	(2) M22OFFSET2	WFC3/UVIS	1	23-May-2022 17:00:16.0	yes
03	(2) M22OFFSET2	WFC3/UVIS	1	23-May-2022 17:00:17.0	yes
04	(2) M22OFFSET2	WFC3/UVIS	1	23-May-2022 17:00:18.0	yes
05	(2) M22OFFSET2	WFC3/UVIS	1	23-May-2022 17:00:19.0	yes
06	(2) M22OFFSET2	WFC3/UVIS	1	23-May-2022 17:00:19.0	yes

6 Total Orbits Used

ABSTRACT

This program will be used to cross-calibrate the HST focus in two WFC3/UVIS filters using interleaved exposures in F410M and F606W. It will supplement the existing CAL/OTA Focus & Optical Monitor program, which executes every 2 months in F410M, and will allow us to tie the observations to the WFC3 PSF database and phylogram-type plots (Anderson and Bedin 2017, MNRAS 470, p. 948), which include far more

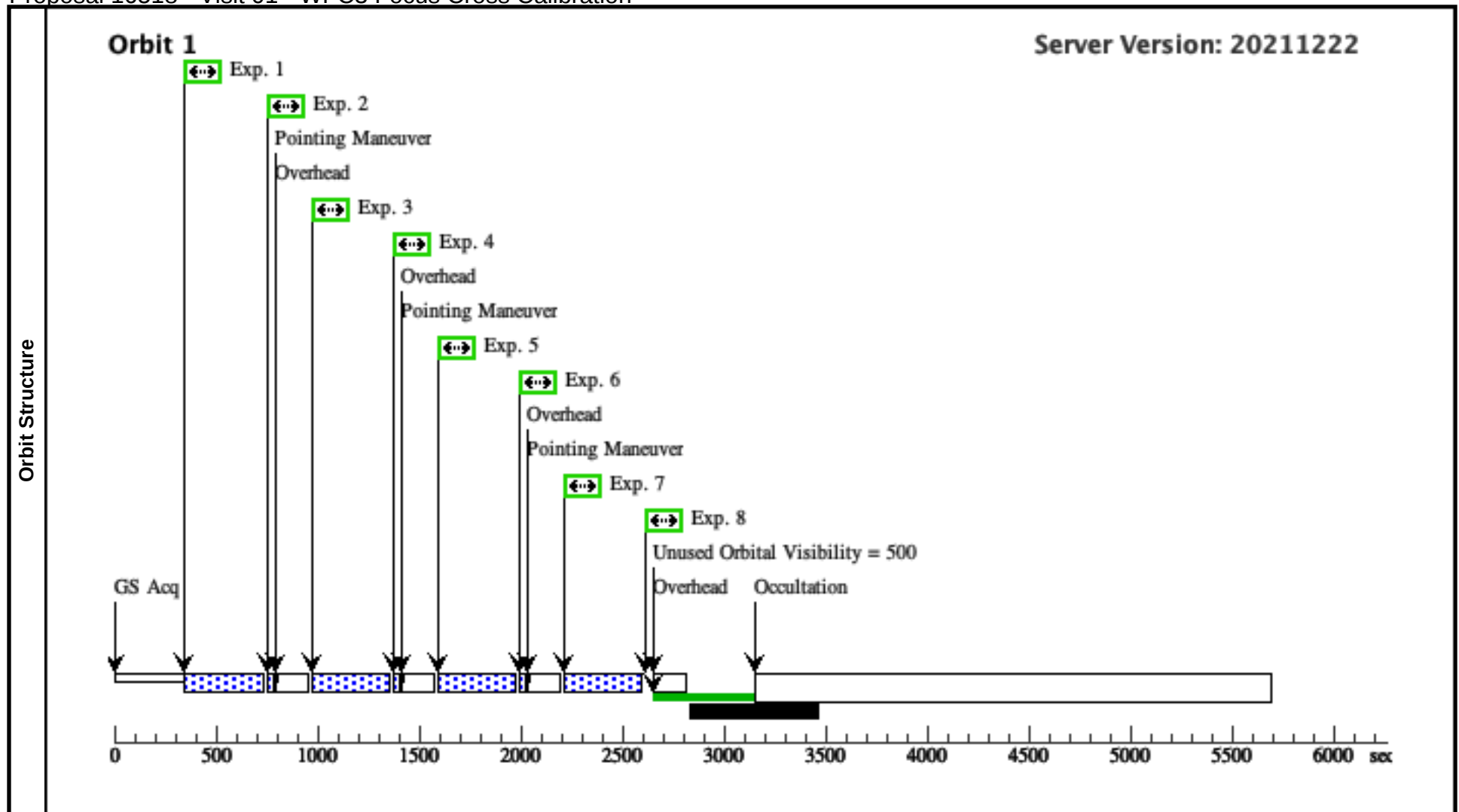
observations in F606W than in F410M. It will supplement the results obtained from interleaved exposures in F410M and F606W in program 15585.

OBSERVING DESCRIPTION

We propose to observe the open cluster NGC2158 for 5 contiguous orbits when it is at a nearly anti-solar position to achieve progressively colder orbits (increasingly negative despace). The target is within 1 degree of the anti-solar position on December 24. One earlier visit will be made to verify the exposure times. Each orbit should be non-interruptible to maximize the number of interpolations that can be performed across F606W exposures.

Proposal 16518 - Visit 01 - WFC3 Focus Cross Calibration

Visit	Proposal 16518, Visit 01, completed										Mon May 23 21:00:20 GMT 2022	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: BETWEEN 28-FEB-2022:00:00:00 AND 18-MAR-2022:00:00:00											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(2)	M22OFFSET2	RA: 18 36 13.4187 (279.0559113d) Dec: -23 53 37.65 (-23.89379d) Equinox: J2000				V=15.5		Reference Frame: ICRS			
	Comments: magnitude of a typical star in the field											
	Category=STELLAR CLUSTER Description=[GLOBULAR CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=20	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 01	185 Secs (185 Secs) [==>]		[1]	
	2		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=20; BLADE=A	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 01	5 Secs (5 Secs) [==>]		[1]	
	3		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=20	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 01	185 Secs (185 Secs) [==>]		[1]	
	4		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=20; BLADE=A	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 01	5 Secs (5 Secs) [==>]		[1]	
	5		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=20	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 01	185 Secs (185 Secs) [==>]		[1]	
	6		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=20; BLADE=A	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 01	5 Secs (5 Secs) [==>]		[1]	
	7		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=20	POS TARG -0.060,0.095	Sequence 1-8 Non-Int in Visit 01	185 Secs (185 Secs) [==>]		[1]	
	8		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=20; BLADE=A	POS TARG -0.060,0.095	Sequence 1-8 Non-Int in Visit 01	5 Secs (5 Secs) [==>]		[1]	



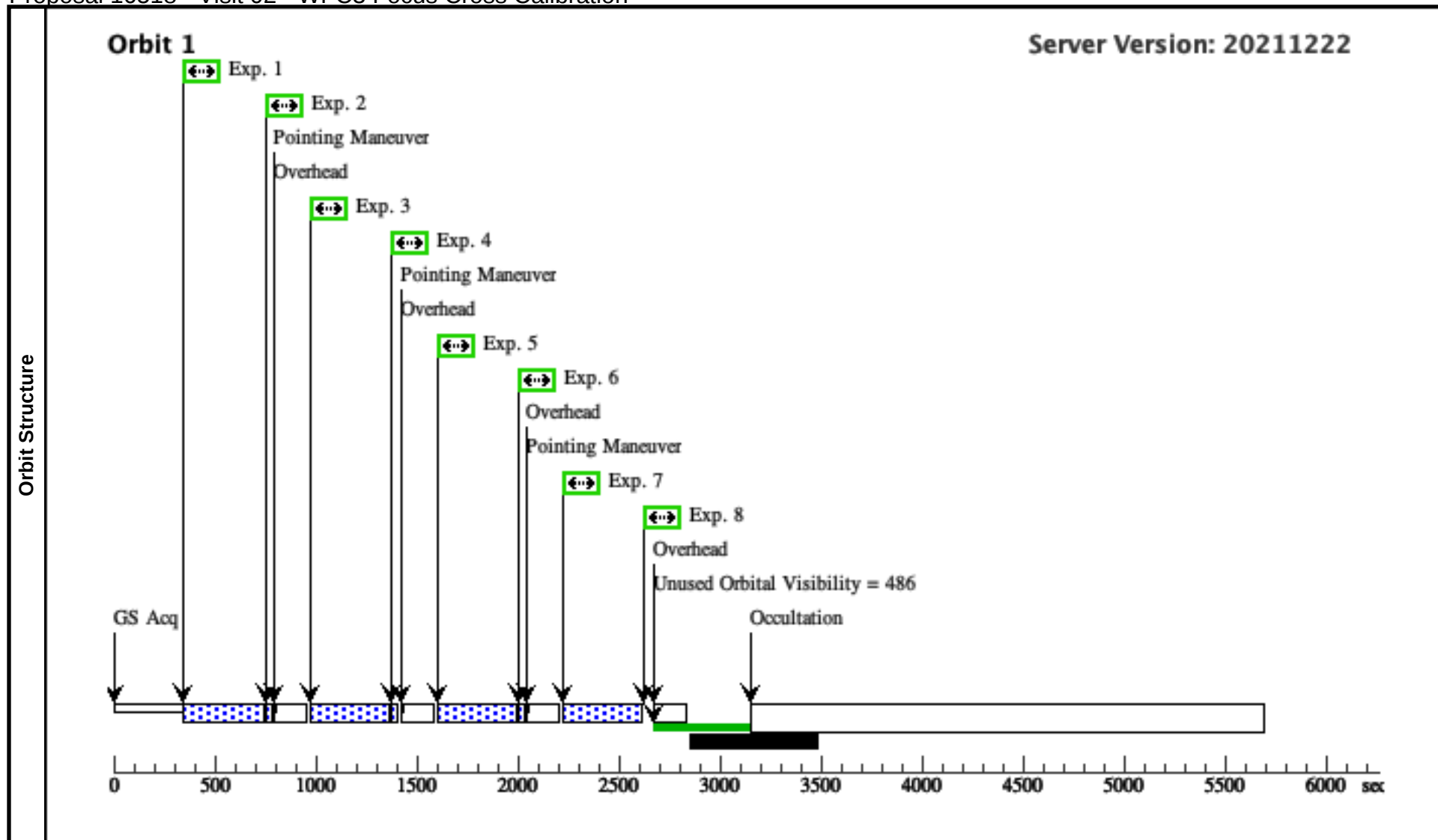
Proposal 16518 - Visit 02 - WFC3 Focus Cross Calibration

Visit	Proposal 16518, Visit 02, implementation					Mon May 23 21:00:20 GMT 2022
	Diagnostic Status: Warning					
Scientific Instruments: WFC3/UVIS						
Special Requirements: BETWEEN 21-JUN-2022:00:00:00 AND 09-JUL-2022:00:00:00: GROUP 02,03,04,05,06 WITHIN 5 Orbits						
Diagnostics	(Exposure 1 (Sequence 1-8 Non-Int in Visit 02)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 2 (Sequence 1-8 Non-Int in Visit 02)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 3 (Sequence 1-8 Non-Int in Visit 02)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 4 (Sequence 1-8 Non-Int in Visit 02)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 5 (Sequence 1-8 Non-Int in Visit 02)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 6 (Sequence 1-8 Non-Int in Visit 02)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 7 (Sequence 1-8 Non-Int in Visit 02)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 8 (Sequence 1-8 Non-Int in Visit 02)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	M22OFFSET2	RA: 18 36 13.4187 (279.0559113d)		V=15.5	Reference Frame: ICRS
			Dec: -23 53 37.65 (-23.89379d)			
			Equinox: J2000			
Comments: magnitude of a typical star in the field						
Category=STELLAR CLUSTER						
Description=[GLOBULAR CLUSTER]						

Mon May 23 21:00:20 GMT 2022

Proposal 16518 - Visit 02 - WFC3 Focus Cross Calibration

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 02	185 Secs (185 Secs) [==>]	[1]
	2		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 02	5 Secs (5 Secs) [==>]	[1]
	3		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 02	185 Secs (185 Secs) [==>]	[1]
	4		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 02	5 Secs (5 Secs) [==>]	[1]
	5		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 02	185 Secs (185 Secs) [==>]	[1]
	6		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 02	5 Secs (5 Secs) [==>]	[1]
	7		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG -0.060,0.095	Sequence 1-8 Non-Int in Visit 02	185 Secs (185 Secs) [==>]	[1]
	8		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG -0.060,0.095	Sequence 1-8 Non-Int in Visit 02	5 Secs (5 Secs) [==>]	[1]

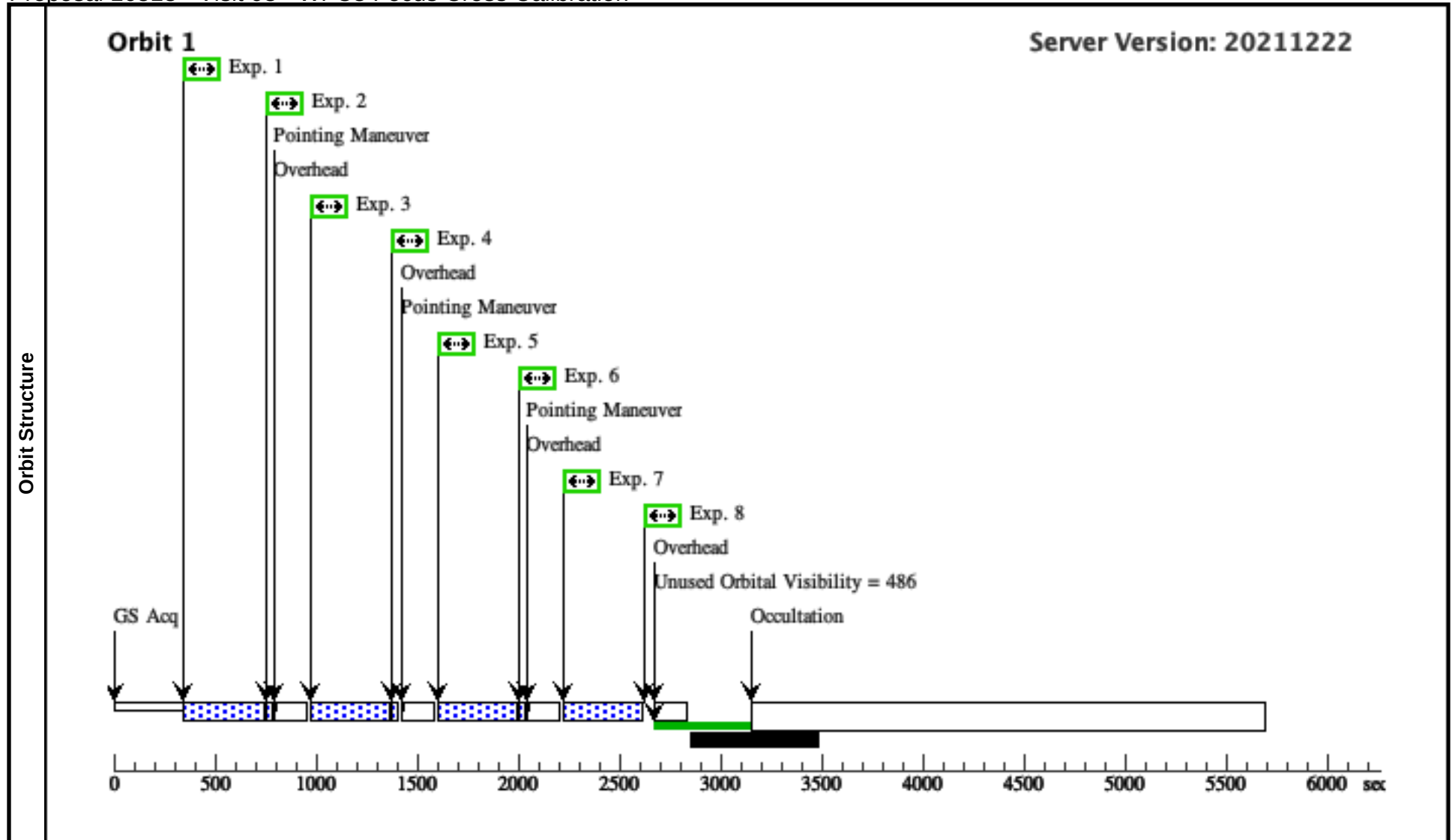


Proposal 16518 - Visit 03 - WFC3 Focus Cross Calibration

Visit	Proposal 16518, Visit 03, implementation					Mon May 23 21:00:20 GMT 2022
	Diagnostic Status: Warning					
Scientific Instruments: WFC3/UVIS						
Special Requirements: SAME ORIENT AS 02						
Diagnostics	(Exposure 1 (Sequence 1-8 Non-Int in Visit 03)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 2 (Sequence 1-8 Non-Int in Visit 03)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 3 (Sequence 1-8 Non-Int in Visit 03)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 4 (Sequence 1-8 Non-Int in Visit 03)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 5 (Sequence 1-8 Non-Int in Visit 03)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 6 (Sequence 1-8 Non-Int in Visit 03)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 7 (Sequence 1-8 Non-Int in Visit 03)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 8 (Sequence 1-8 Non-Int in Visit 03)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	M22OFFSET2	RA: 18 36 13.4187 (279.0559113d)		V=15.5	Reference Frame: ICRS
			Dec: -23 53 37.65 (-23.89379d)			
			Equinox: J2000			
	Comments: magnitude of a typical star in the field					
Category=STELLAR CLUSTER						
Description=[GLOBULAR CLUSTER]						

Proposal 16518 - Visit 03 - WFC3 Focus Cross Calibration

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 03	185 Secs (185 Secs) [==>]	[1]
	2		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 03	5 Secs (5 Secs) [==>]	[1]
	3		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 03	185 Secs (185 Secs) [==>]	[1]
	4		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 03	5 Secs (5 Secs) [==>]	[1]
	5		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 03	185 Secs (185 Secs) [==>]	[1]
	6		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 03	5 Secs (5 Secs) [==>]	[1]
	7		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG -0.060,0.095	Sequence 1-8 Non-Int in Visit 03	185 Secs (185 Secs) [==>]	[1]
	8		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG -0.060,0.095	Sequence 1-8 Non-Int in Visit 03	5 Secs (5 Secs) [==>]	[1]

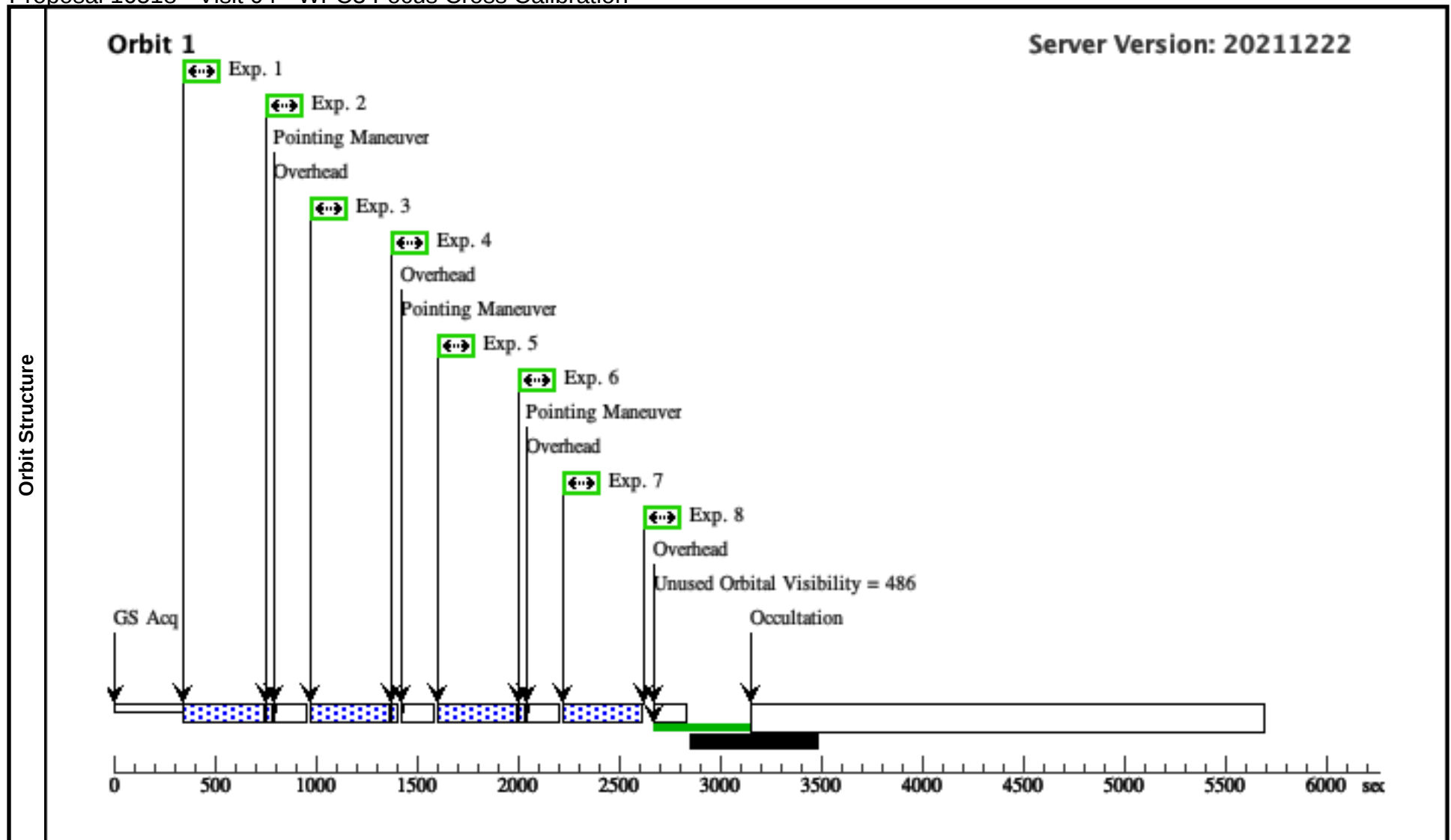


Proposal 16518 - Visit 04 - WFC3 Focus Cross Calibration

Visit	Proposal 16518, Visit 04, implementation					Mon May 23 21:00:20 GMT 2022
	Diagnostic Status: Warning					
Scientific Instruments: WFC3/UVIS						
Special Requirements: SAME ORIENT AS 02						
Diagnostics	(Exposure 1 (Sequence 1-8 Non-Int in Visit 04)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 2 (Sequence 1-8 Non-Int in Visit 04)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 3 (Sequence 1-8 Non-Int in Visit 04)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 4 (Sequence 1-8 Non-Int in Visit 04)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 5 (Sequence 1-8 Non-Int in Visit 04)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 6 (Sequence 1-8 Non-Int in Visit 04)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 7 (Sequence 1-8 Non-Int in Visit 04)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 8 (Sequence 1-8 Non-Int in Visit 04)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	M22OFFSET2	RA: 18 36 13.4187 (279.0559113d)		V=15.5	Reference Frame: ICRS
			Dec: -23 53 37.65 (-23.89379d)			
			Equinox: J2000			
	Comments: magnitude of a typical star in the field					
Category=STELLAR CLUSTER						
Description=[GLOBULAR CLUSTER]						

Proposal 16518 - Visit 04 - WFC3 Focus Cross Calibration

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 04	185 Secs (185 Secs) [==>]	[1]
	2		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 04	5 Secs (5 Secs) [==>]	[1]
	3		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 04	185 Secs (185 Secs) [==>]	[1]
	4		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 04	5 Secs (5 Secs) [==>]	[1]
	5		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 04	185 Secs (185 Secs) [==>]	[1]
	6		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 04	5 Secs (5 Secs) [==>]	[1]
	7		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG -0.060,0.095	Sequence 1-8 Non-Int in Visit 04	185 Secs (185 Secs) [==>]	[1]
	8		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG -.060,0.095	Sequence 1-8 Non-Int in Visit 04	5 Secs (5 Secs) [==>]	[1]

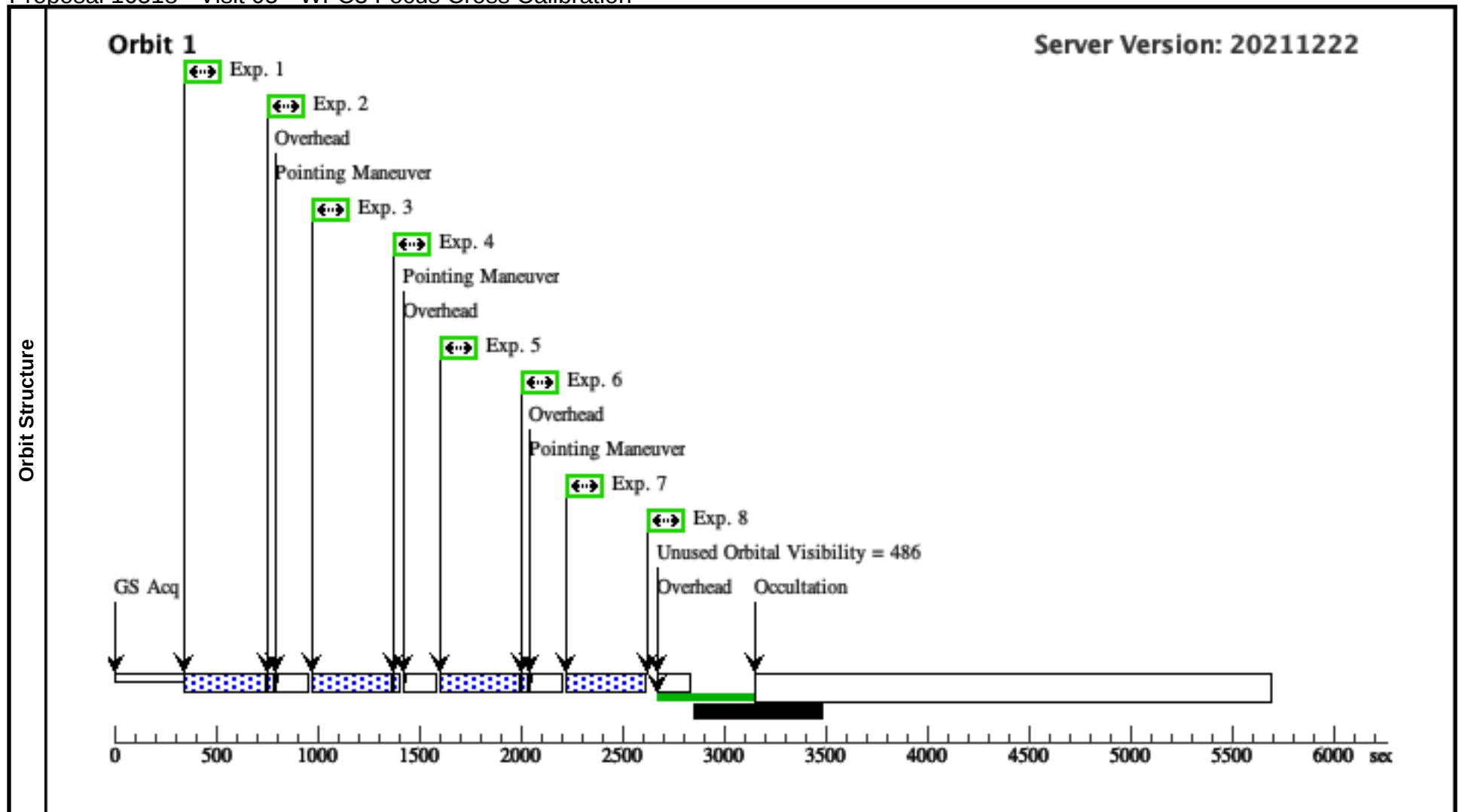


Proposal 16518 - Visit 05 - WFC3 Focus Cross Calibration

Visit	Proposal 16518, Visit 05, implementation					Mon May 23 21:00:20 GMT 2022
	Diagnostic Status: Warning					
Scientific Instruments: WFC3/UVIS						
Special Requirements: SAME ORIENT AS 02						
Diagnostics	(Exposure 1 (Sequence 1-8 Non-Int in Visit 05)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 2 (Sequence 1-8 Non-Int in Visit 05)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 3 (Sequence 1-8 Non-Int in Visit 05)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 4 (Sequence 1-8 Non-Int in Visit 05)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 5 (Sequence 1-8 Non-Int in Visit 05)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 6 (Sequence 1-8 Non-Int in Visit 05)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 7 (Sequence 1-8 Non-Int in Visit 05)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
	(Exposure 8 (Sequence 1-8 Non-Int in Visit 05)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	M22OFFSET2	RA: 18 36 13.4187 (279.0559113d)		V=15.5	Reference Frame: ICRS
			Dec: -23 53 37.65 (-23.89379d)			
			Equinox: J2000			
	Comments: magnitude of a typical star in the field					
Category=STELLAR CLUSTER						
Description=[GLOBULAR CLUSTER]						

Proposal 16518 - Visit 05 - WFC3 Focus Cross Calibration

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 05	185 Secs (185 Secs) [==>]	[1]
	2		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 05	5 Secs (5 Secs) [==>]	[1]
	3		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 05	185 Secs (185 Secs) [==>]	[1]
	4		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 05	5 Secs (5 Secs) [==>]	[1]
	5		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 05	185 Secs (185 Secs) [==>]	[1]
	6		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 05	5 Secs (5 Secs) [==>]	[1]
	7		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG -0.060,0.095	Sequence 1-8 Non-Int in Visit 05	185 Secs (185 Secs) [==>]	[1]
	8		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG -0.060,0.095	Sequence 1-8 Non-Int in Visit 05	5 Secs (5 Secs) [==>]	[1]



Proposal 16518 - Visit 06 - WFC3 Focus Cross Calibration

Visit	Proposal 16518, Visit 06, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 02 Mon May 23 21:00:20 GMT 2022																						
Diagnostics	(Exposure 1 (Sequence 1-8 Non-Int in Visit 06)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser (Exposure 2 (Sequence 1-8 Non-Int in Visit 06)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser (Exposure 3 (Sequence 1-8 Non-Int in Visit 06)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser (Exposure 4 (Sequence 1-8 Non-Int in Visit 06)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser (Exposure 5 (Sequence 1-8 Non-Int in Visit 06)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser (Exposure 6 (Sequence 1-8 Non-Int in Visit 06)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser (Exposure 7 (Sequence 1-8 Non-Int in Visit 06)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser (Exposure 8 (Sequence 1-8 Non-Int in Visit 06)) Warning (Form): FLASH level may be too high for this exposure or a long subexposure. See extended explanation in the diagnostic browser																						
Fixed Targets	<table> <tr> <th>#</th><th>Name</th><th>Target Coordinates</th><th>Targ. Coord. Corrections</th><th>Fluxes</th><th>Miscellaneous</th></tr> <tr> <td>(2)</td><td>M22OFFSET2</td><td>RA: 18 36 13.4187 (279.0559113d) Dec: -23 53 37.65 (-23.89379d) Equinox: J2000</td><td></td><td>V=15.5</td><td>Reference Frame: ICRS</td></tr> <tr> <td colspan="6"> Comments: magnitude of a typical star in the field Category=STELLAR CLUSTER Description=[GLOBULAR CLUSTER] </td></tr> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	M22OFFSET2	RA: 18 36 13.4187 (279.0559113d) Dec: -23 53 37.65 (-23.89379d) Equinox: J2000		V=15.5	Reference Frame: ICRS	Comments: magnitude of a typical star in the field Category=STELLAR CLUSTER Description=[GLOBULAR CLUSTER]					
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 06	185 Secs (185 Secs) [==>]	[1]
	2		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.0,0.0	Sequence 1-8 Non-Int in Visit 06	5 Secs (5 Secs) [==>]	[1]
	3		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 06	185 Secs (185 Secs) [==>]	[1]
	4		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.158,0.070	Sequence 1-8 Non-Int in Visit 06	5 Secs (5 Secs) [==>]	[1]
	5		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 06	185 Secs (185 Secs) [==>]	[1]
	6		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG 0.099,0.165	Sequence 1-8 Non-Int in Visit 06	5 Secs (5 Secs) [==>]	[1]
	7		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F410M	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25	POS TARG -0.060,0.095	Sequence 1-8 Non-Int in Visit 06	185 Secs (185 Secs) [==>]	[1]
	8		(2) M22OFFSET2	WFC3/UVIS, ACCUM, UVIS2	F606W	SIZEAXIS1=2048; SIZEAXIS2=2048; FLASH=25; BLADE=A	POS TARG -0.060,0.095	Sequence 1-8 Non-Int in Visit 06	5 Secs (5 Secs) [==>]	[1]

