



15588 - WFC3 UVIS grism wavelength calibration

Cycle: 26, 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	(1) WR14	WFC3/UVIS	1	24-Sep-2019 10:00:17.0	yes
51	(1) WR14	WFC3/UVIS	1	24-Sep-2019 10:00:18.0	yes

2 Total Orbits Used

ABSTRACT

Verify and refine the UVIS wavelength calibration using WR14. These calibrations will improve our ability to process currently archived data as well as support current and future UVIS parallel observations. This program will monitor the calibration stability from the previous programs 13578, 14387, 14545, and 14995

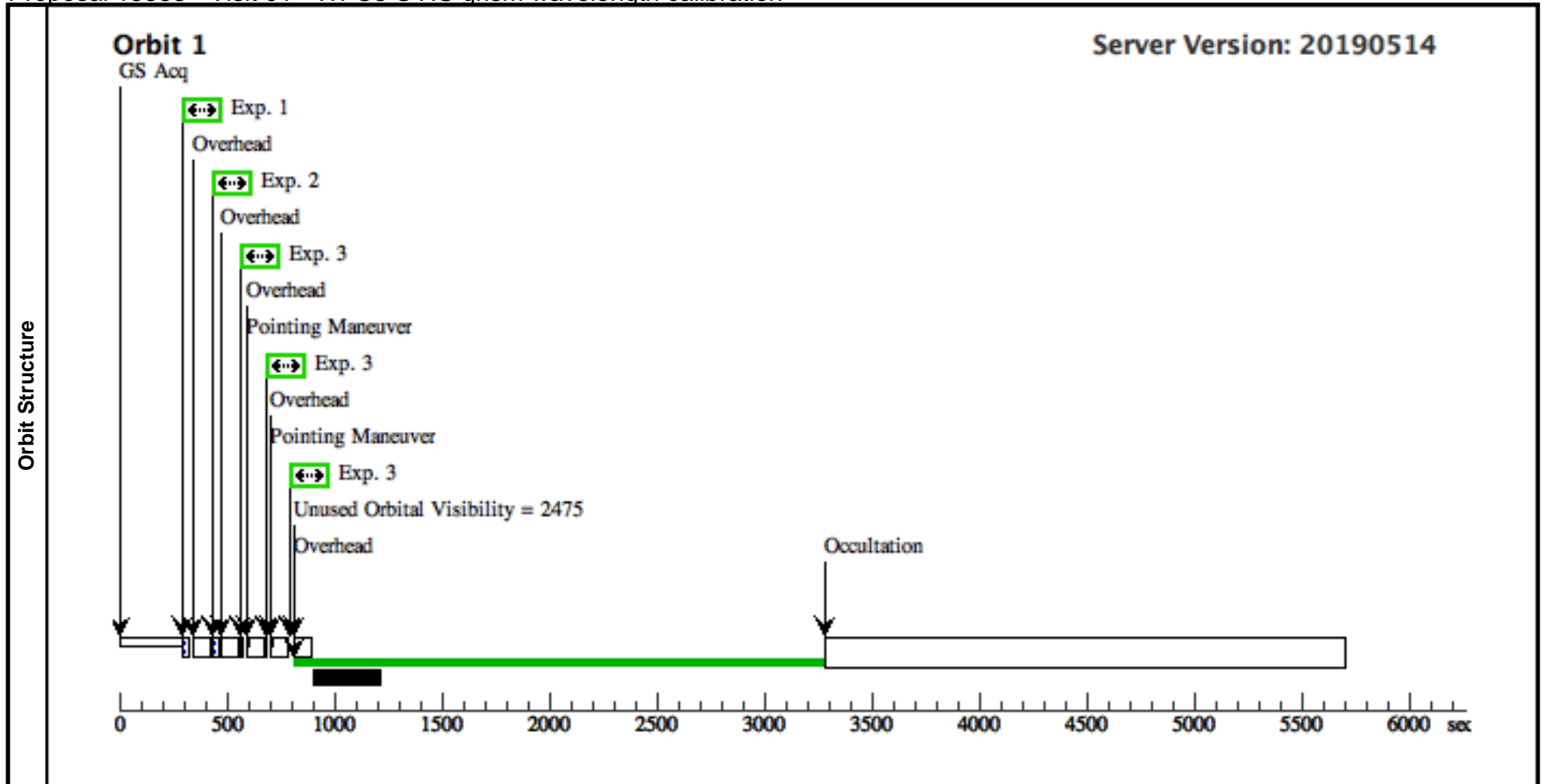
OBSERVING DESCRIPTION

Three (3) positions on CHIP1 will repeat previously observed position and verify the stability of this mode.

Proposal 15588 - Visit 01 - WFC3 UVIS grism wavelength calibration

Tue Sep 24 14:00:18 GMT 2019

Visit	Proposal 15588, Visit 01, completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	(Visit 01) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 01) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 01) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 01) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 01) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Chip 1 C F200LP (01.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (Chip 1 C F300X (01.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (Chip 1 C G280 (01.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Diagnosics										
Patterns	#	Primary Pattern	Secondary Pattern	Exposures						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(3)						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	WR14 Alt Name1: HD76536	RA: 08 54 59.1681 (133.7465337d) Dec: -47 35 32.67 (-47.59241d) Equinox: J2000		V=8.93	Reference Frame: ICRS				
Comments: Category=STAR Description=[WOLF RAYET - WC]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Chip 1 C F2 00LP	(1) WR14	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,5.0		0.5 Secs (0.5 Secs) [==>]	[1]
	2	Chip 1 C F3 00X	(1) WR14	WFC3/UVIS, ACCUM, G280-REF	F300X	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,5		0.5 Secs (0.5 Secs) [==>]	[1]
	3	Chip 1 C G2 80	(1) WR14	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,5	Pattern 1, Exps 3-3 in Visit 01 (1)	2.5 Secs (7.5 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]



Proposal 15588 - Visit 51 - WFC3 UVIS grism wavelength calibration

Tue Sep 24 14:00:19 GMT 2019

Visit	Proposal 15588, Visit 51 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	Diagnostics	(Visit 51) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 51) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 51) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 51) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 51) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Chip 1 C F200LP (51.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (Chip 1 C F300X (51.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (Chip 1 C G280 (51.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser									
Patterns		#	Primary Pattern				Secondary Pattern			Exposures	
		(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=0.145 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)	
Fixed Targets		#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
		(1)	WR14 Alt Name1: HD76536	RA: 08 54 59.1681 (133.7465337d) Dec: -47 35 32.67 (-47.59241d) Equinox: J2000				V=8.93	Reference Frame: ICRS		
Comments: Category=STAR Description=[WOLF RAYET - WC]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	Chip 1 C F2 00LP	(1) WR14	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,5.0		0.5 Secs (0.5 Secs) [==>]		[1]
	2	Chip 1 C F3 00X	(1) WR14	WFC3/UVIS, ACCUM, G280-REF	F300X	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,5		0.5 Secs (0.5 Secs) [==>]		[1]
	3	Chip 1 C G2 80	(1) WR14	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,5	Pattern 1, Exps 3-3 i n Visit 51 (1)	2.5 Secs (7.5 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]

