



14387 - WFC3 UVIS Grism wavelength Calibration Stability

Cycle: 23, 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	27-Oct-2015 21:31:09.0	yes

1 Total Orbits Used

ABSTRACT

Verify and refine the UVIS wavelength calibration using WR14. These calibration 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 program 13578.

OBSERVING DESCRIPTION

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

Proposal 14387 - Visit 01 - WFC3 UVIS Grism wavelength Calibration Stability

Wed Oct 28 01:31:11 GMT 2015

Visit	Proposal 14387, Visit 01, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)						
	Diagnostics	(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 UC 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 UC 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 UC 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 (Chip 1 C F200LP (01.004)) 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 (01.005)) 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 (01.006)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (Chip 1 LC F200LP (01.007)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (Chip 1 LC F300X (01.008)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (Chip 1 LC G280 (01.009)) 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			
		(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				
				Exposures			
				(3), (6), (9)			
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(1)	WR14 Alt Name1: HD76536	RA: 08 54 59.1681 (133.7465338d) Dec: -47 35 32.67 (-47.59241d) Equinox: J2000		V=8.93	Reference Frame: ICRS

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#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Chip 1 UC F (1) WR14 200LP	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,45.0		0.5 Secs (0.5 Secs) [==>]	[1]
	2	Chip 1 UC F (1) WR14 300X	WFC3/UVIS, ACCUM, G280-REF	F300X	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,45.0		0.5 Secs (0.5 Secs) [==>]	[1]
	3	Chip 1 UC (1) WR14 G280	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,45.0	Pattern 1, Exps 3-3 i n Visit 01 (1)	2.5 Secs (7.5 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	4	Chip 1 C F2 (1) WR14 00LP	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]
	5	Chip 1 C F3 (1) WR14 00X	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]
	6	Chip 1 C G2 (1) WR14 80	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,5	Pattern 1, Exps 6-6 i n Visit 01 (1)	2.5 Secs (7.5 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	7	Chip 1 LC F (1) WR14 200LP	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,30		0.5 Secs (0.5 Secs) [==>]	[1]
	8	Chip 1 LC F (1) WR14 300X	WFC3/UVIS, ACCUM, G280-REF	F300X	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,30		0.5 Secs (0.5 Secs) [==>]	[1]
	9	Chip 1 LC G (1) WR14 280	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,30	Pattern 1, Exps 9-9 i n Visit 01 (1)	2.5 Secs (7.5 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]

Orbit Structure

