



## 16581 - WFC3 UVIS Grism Wavelength Calibration

Cycle: 29, 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	30-Jun-2021 16:04:46.0	yes

1 Total Orbits Used

### ABSTRACT

Observations of the wavelength calibrator WR-14. The target is placed near the center of each CHIP for continuing monitoring of calibration at these locations. The target is also placed at a previously observed position on CHIP2 to compare with previous wavelength solutions. The exposure times are 0.5s for the imaging, 2.5s for the G280 exposures.

Monitoring positions (POSTARGS) are:

[0 30] - CHIP 1

[0 -49] - CHIP 2

Additional position (POSTARGS) is:

[60 -49] - CHIP 2

**OBSERVING DESCRIPTION**

Calibrator is moved across the field of view and observed using F200LP, F300X, and G280

Proposal 16581 - 60 -49 AMP D and 0 -49 AMP D and 0 30 AMP B (01) - WFC3 UVIS Grism Wavelength Calibration

<b>Visit</b>	<b>Proposal 16581, 60 -49 AMP D and 0 -49 AMP D and 0 30 AMP B (01)</b> <span style="float: right;">Wed Jun 30 20:04:47 GMT 2021</span>					
	<b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-APR-2022:00:00:00 AND 01-AUG-2022:00:00:00					
<b>Diagnostics</b>	(Chip 2 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 2 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 2 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 2 UC 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 2 UC 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 2 UC 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 UC 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 UC 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 UC 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						
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>		
	(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), (6), (9)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
	(1)	WR14 Alt Name1: HD76536	RA: 08 54 59.1671 (133.7465296d) Dec: -47 35 32.66 (-47.59241d) Equinox: J2000	Proper Motion RA: -4.528 mas/yr Proper Motion Dec: 5.387 mas/yr Epoch of Position: 2000	V=8.93	Reference Frame: ICRS
<i>Comments:</i> <i>Category=STAR</i> <i>Description=[WOLF RAYET - WC]</i>						

Proposal 16581 - 60 -49 AMP D and 0 -49 AMP D and 0 30 AMP B (01) - WFC3 UVIS Grism Wavelength Calibration

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	Chip 2 UC F (1) WR14 200LP	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 60,-49		0.5 Secs (0.5 Secs) [==>]	[1]
	2	Chip 2 UC F (1) WR14 300X	WFC3/UVIS, ACCUM, G280-REF	F300X	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 60,-49		0.5 Secs (0.5 Secs) [==>]	[1]
	3	Chip 2 UC (1) WR14 G280	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 60,-49	Pattern 1, Exps 3-3 i n 60 -49 AMP D and 0 -49 AMP D and 0 30 AMP B (01) (1)	2.5 Secs (7.5 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	4	Chip 2 UC F (1) WR14 200LP	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0,-49		0.5 Secs (0.5 Secs) [==>]	[1]
	5	Chip 2 UC F (1) WR14 300X	WFC3/UVIS, ACCUM, G280-REF	F300X	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0,-49		0.5 Secs (0.5 Secs) [==>]	[1]
	6	Chip 2 UC (1) WR14 G280	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0,-49	Pattern 1, Exps 6-6 i n 60 -49 AMP D and 0 -49 AMP D and 0 30 AMP B (01) (1)	2.5 Secs (7.5 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	7	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 0,30		0.5 Secs (0.5 Secs) [==>]	[1]
	8	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 0,30		0.5 Secs (0.5 Secs) [==>]	[1]
	9	Chip 1 UC (1) WR14 G280	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0,30	Pattern 1, Exps 9-9 i n 60 -49 AMP D and 0 -49 AMP D and 0 30 AMP B (01) (1)	2.5 Secs (7.5 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]

