



13577 - UVIS Grism: Flux Calibration Monitoring

Cycle: 21, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Norbert Pirzkal (PI) (Contact)	Space Telescope Science Institute	npirzkal@stsci.edu
Dr. Gabriel Brammer (CoI)	Space Telescope Science Institute	brammer@stsci.edu

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) GD-71	WFC3/UVIS	1	31-Oct-2013 21:03:10.0	yes
02	(1) GD-71	WFC3/UVIS	1	31-Oct-2013 21:03:29.0	yes

2 Total Orbits Used

ABSTRACT

Flux calibration of the UVIS CHIP1 and CHIP2 using GD-71 as a calibrator

OBSERVING DESCRIPTION

Three (3) positions on each CHIP will repeat (critical as they show +1 and -1 orders) previously observed position and verify the stability of this mode.

Proposal 13577 - Visit 01 - UVIS Grism: Flux Calibration Monitoring

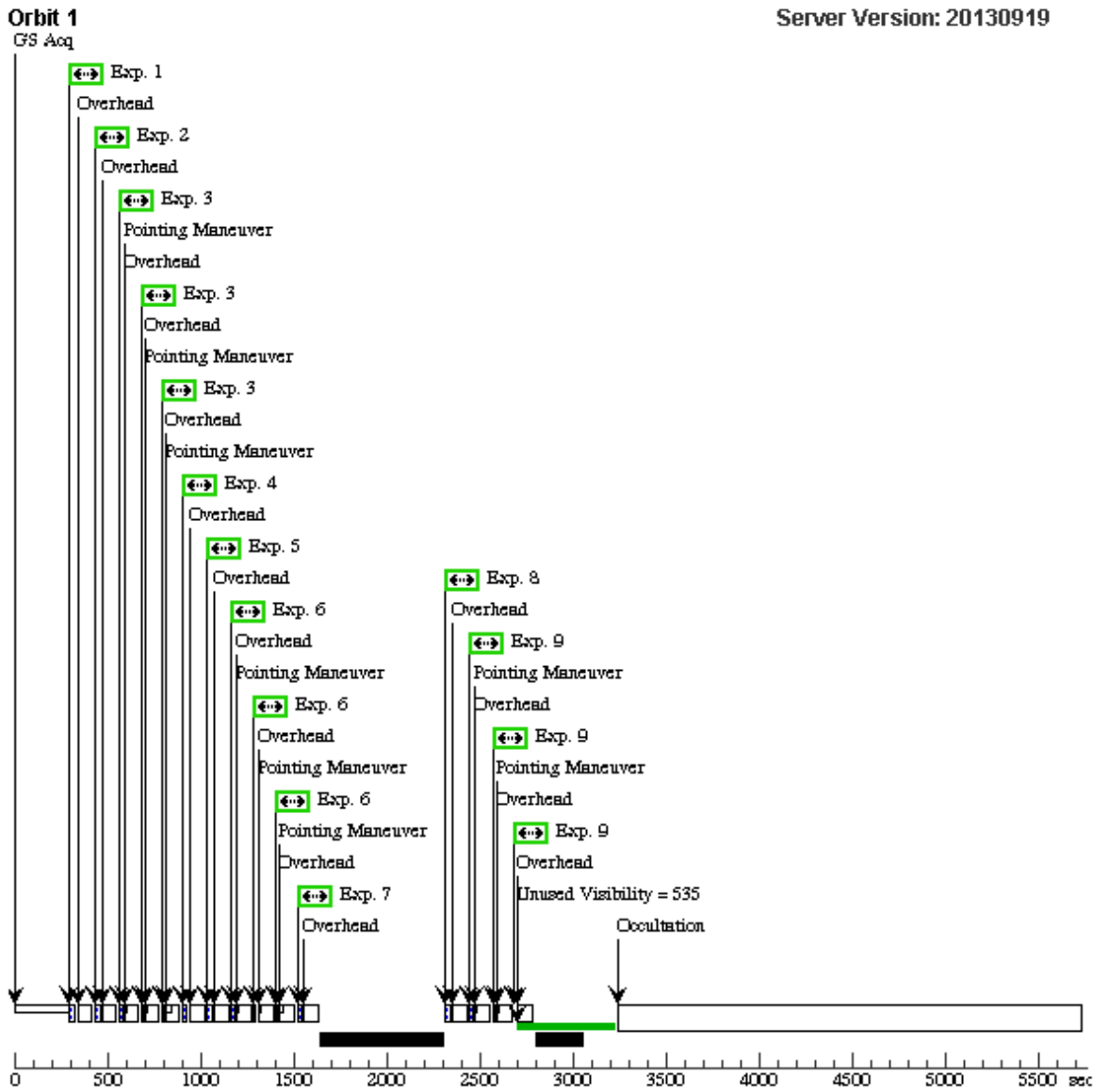
Fri Nov 01 01:03:38 GMT 2013

Visit	Proposal 13577, Visit 01 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 (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					
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), (6), (9)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	GD-71	RA: 05 52 27.6300 (88.1151250d) Dec: +15 53 13.37 (15.88705d) Equinox: J2000		V=13.06	Reference Frame: ICRS

Proposal 13577 - Visit 01 - UVIS Grism: Flux Calibration Monitoring

#	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) GD-71 200LP	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,60.0		0.5 Secs (0.5 Secs) [==>]	[1]
	2	Chip 1 UC F (1) GD-71 300X	WFC3/UVIS, ACCUM, G280-REF	F300X	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,60.0		0.5 Secs (0.5 Secs) [==>]	[1]
	3	Chip 1 UC (1) GD-71 G280	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=B	POS TARG 0.0,60.0	Pattern 1, Exps 3-3 i n Visit 01 (1)	10 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	4	Chip 1 C F2 (1) GD-71 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) GD-71 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) GD-71 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)	10 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	7	Chip 1 LC F (1) GD-71 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) GD-71 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) GD-71 280	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)	10 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]

Orbit Structure



Proposal 13577 - Visit 02 - UVIS Grism: Flux Calibration Monitoring

Fri Nov 01 01:03:41 GMT 2013

Visit	Proposal 13577, Visit 02 Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)				
	(Visit 02) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 02) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 02) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 02) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 02) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 02) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 02) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 02) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 02) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 02) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
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), (6), (9)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	GD-71	RA: 05 52 27.6300 (88.1151250d) Dec: +15 53 13.37 (15.88705d) Equinox: J2000		V=13.06
					Miscellaneous
					Reference Frame: ICRS

Proposal 13577 - Visit 02 - UVIS Grism: Flux Calibration Monitoring

#	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) GD-71 200LP	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0.0,-25. 0		0.5 Secs (0.5 Secs) [==>]	[1]
	2	Chip 2 UC F (1) GD-71 300X	WFC3/UVIS, ACCUM, G280-REF	F300X	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0.0,-25. 0		0.5 Secs (0.5 Secs) [==>]	[1]
	3	Chip 1 UC (1) GD-71 G280	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0.0,-25. 0	Pattern 1, Exps 3-3 i n Visit 02 (1)	10 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	4	Chip 2 C F2 (1) GD-71 00LP	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0.0,-80		0.5 Secs (0.5 Secs) [==>]	[1]
	5	Chip 2 C F3 (1) GD-71 00X	WFC3/UVIS, ACCUM, G280-REF	F300X	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0.0,-80		0.5 Secs (0.5 Secs) [==>]	[1]
	6	Chip 1 C G2 (1) GD-71 80	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0.0,-80	Pattern 1, Exps 6-6 i n Visit 02 (1)	10 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	7	Chip 2 LC F (1) GD-71 200LP	WFC3/UVIS, ACCUM, G280-REF	F200LP	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0.0,-50		0.5 Secs (0.5 Secs) [==>]	[1]
	8	Chip 2 LC F (1) GD-71 300X	WFC3/UVIS, ACCUM, G280-REF	F300X	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0.0,-50		0.5 Secs (0.5 Secs) [==>]	[1]
	9	Chip 1 LC G (1) GD-71 280	WFC3/UVIS, ACCUM, UVIS	G280	CR-SPLIT=NO; SIZEAXIS2=768; CENTERAXIS2=T ARGET; AMP=D	POS TARG 0.0,-50	Pattern 1, Exps 9-9 i n Visit 02 (1)	10 Secs (30 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]

Orbit Structure

