



12707 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Cycle: 19, 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) G191B2B	WFC3/UVIS	1	24-Oct-2011 21:31:05.0	yes
02	(2) G191B2B	WFC3/UVIS	1	24-Oct-2011 21:31:54.0	yes
03	(2) G191B2B	WFC3/UVIS	1	24-Oct-2011 21:32:36.0	yes
04	(2) G191B2B	WFC3/UVIS	1	24-Oct-2011 21:33:21.0	yes
05	(2) G191B2B	WFC3/UVIS	1	24-Oct-2011 21:34:02.0	yes
06	(2) G191B2B	WFC3/UVIS	1	24-Oct-2011 21:34:42.0	yes
07	(2) G191B2B	WFC3/UVIS	1	24-Oct-2011 21:35:28.0	yes
08	(2) G191B2B	WFC3/UVIS	1	24-Oct-2011 21:36:15.0	yes
09	(2) G191B2B	WFC3/UVIS	1	24-Oct-2011 21:37:01.0	yes
10	(2) G191B2B	WFC3/UVIS	1	24-Oct-2011 21:37:44.0	yes

10 Total Orbits Used

ABSTRACT

We will step the bright spectrophotometric star G191B2B across the entire UVIS detector. The test will focus on repeating the Cy17 experiment of measuring the relative spatial stability with improved sampling and over the entire spectral range of the detector using four of the most frequently used filters, namely F275W, F438W, F606W, and F814W.

OBSERVING DESCRIPTION

Repeating the Cy 17 supplemental program to step a standard star over the detector in a larger set of filters.

We request 10 orbits to move a spectrophotometric standard, G191B2B, in a 512 subarray over several dither positions on both UVIS1 and UVIS2 in the four most popular UVIS filters (F275W, F438W, F606W and F814W). POSTARGs have been calculated to step the star over the flare and cover the entire detector and a two point (fine) dither is executed at each step.

Proposal 12707 - Visit 01 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Tue Oct 25 01:38:02 GMT 2011

Visit	Proposal 12707, Visit 01, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)			
	Diagnostics	(Visit 01) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR		
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Patterns		#	Primary Pattern	Secondary Pattern
		(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false
				Exposures
			(1-4), (5-8), (9-12), (13-16), (17-20)	

Proposal 12707 - Visit 01 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	G191B2B	RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000	Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000	V=11.781+/-0.01	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. proper motions added as per Table 2 of COS TIR 2009-02(v2), by Wolff by Deustua on 15 Feb 2011</i></p>						

Proposal 12707 - Visit 01 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.88,- 36.57; GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-4 i n Visit 01 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.88,- 36.57	Pattern 1, Exps 1-4 i n Visit 01 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.88,- 36.57	Pattern 1, Exps 1-4 i n Visit 01 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.88,- 36.57	Pattern 1, Exps 1-4 i n Visit 01 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.70,- 11.04	Pattern 1, Exps 5-8 i n Visit 01 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.70,- 11.04	Pattern 1, Exps 5-8 i n Visit 01 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

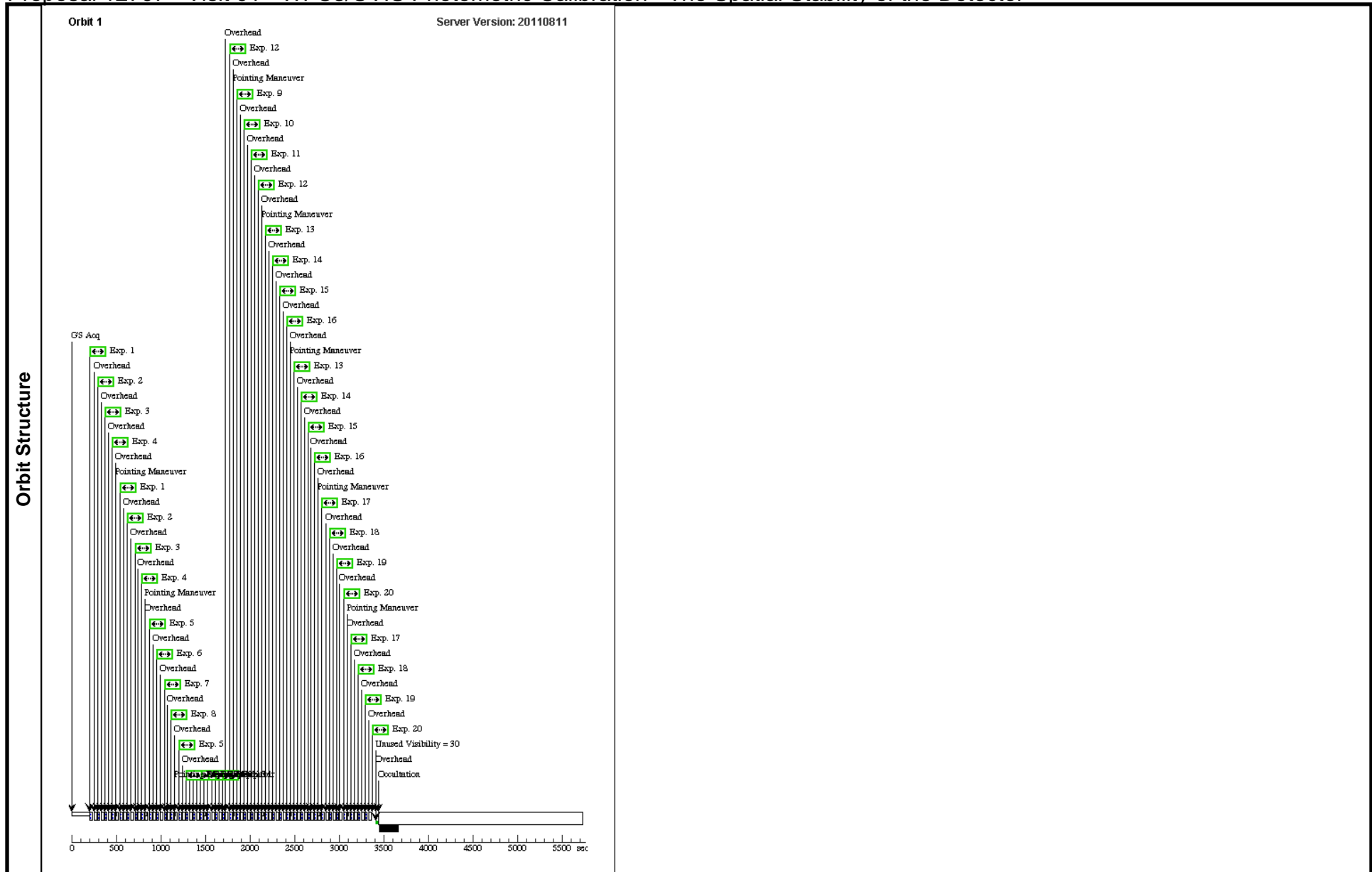
Proposal 12707 - Visit 01 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

7	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.70,- 11.04	Pattern 1, Exps 5-8 i n Visit 01 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
8	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.70,- 11.04	Pattern 1, Exps 5-8 i n Visit 01 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
9	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.60,2 .66	Pattern 1, Exps 9-12 in Visit 01 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
10	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.60,2 .66	Pattern 1, Exps 9-12 in Visit 01 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
11	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.60,2 .66	Pattern 1, Exps 9-12 in Visit 01 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
12	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.60,2 .66	Pattern 1, Exps 9-12 in Visit 01 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
13	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.42,2 8.04	Pattern 1, Exps 13-1 6 in Visit 01 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 01 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

14	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.42,2 8.04	Pattern 1, Exps 13-1 6 in Visit 01 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
15	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.42,2 8.04	Pattern 1, Exps 13-1 6 in Visit 01 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
16	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.42,2 8.04	Pattern 1, Exps 13-1 6 in Visit 01 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
17	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -58.85,1 3.37	Pattern 1, Exps 17-2 0 in Visit 01 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
18	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -58.85,1 3.37	Pattern 1, Exps 17-2 0 in Visit 01 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
19	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -58.85,1 3.37	Pattern 1, Exps 17-2 0 in Visit 01 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
20	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -58.85,1 3.37	Pattern 1, Exps 17-2 0 in Visit 01 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 01 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector



Proposal 12707 - Visit 02 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Tue Oct 25 01:38:15 GMT 2011

Visit	Proposal 12707, Visit 02, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
Diagnostics	(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 (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					
Patterns	#	Primary Pattern (1) Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing=	Secondary Pattern Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	Exposures (1-4), (5-8), (9-12), (13-16), (17-20)		
Fixed Targets	#	Name (2) G191B2B	Target Coordinates RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000	Targ. Coord. Corrections Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000	Fluxes V=11.781+/-0.01	Miscellaneous Reference Frame: ICRS <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. proper motions added as per Table 2 of COS TIR 2009-02(v2), by Wolff by Deustua on 15 Feb 2011</i>

Proposal 12707 - Visit 02 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

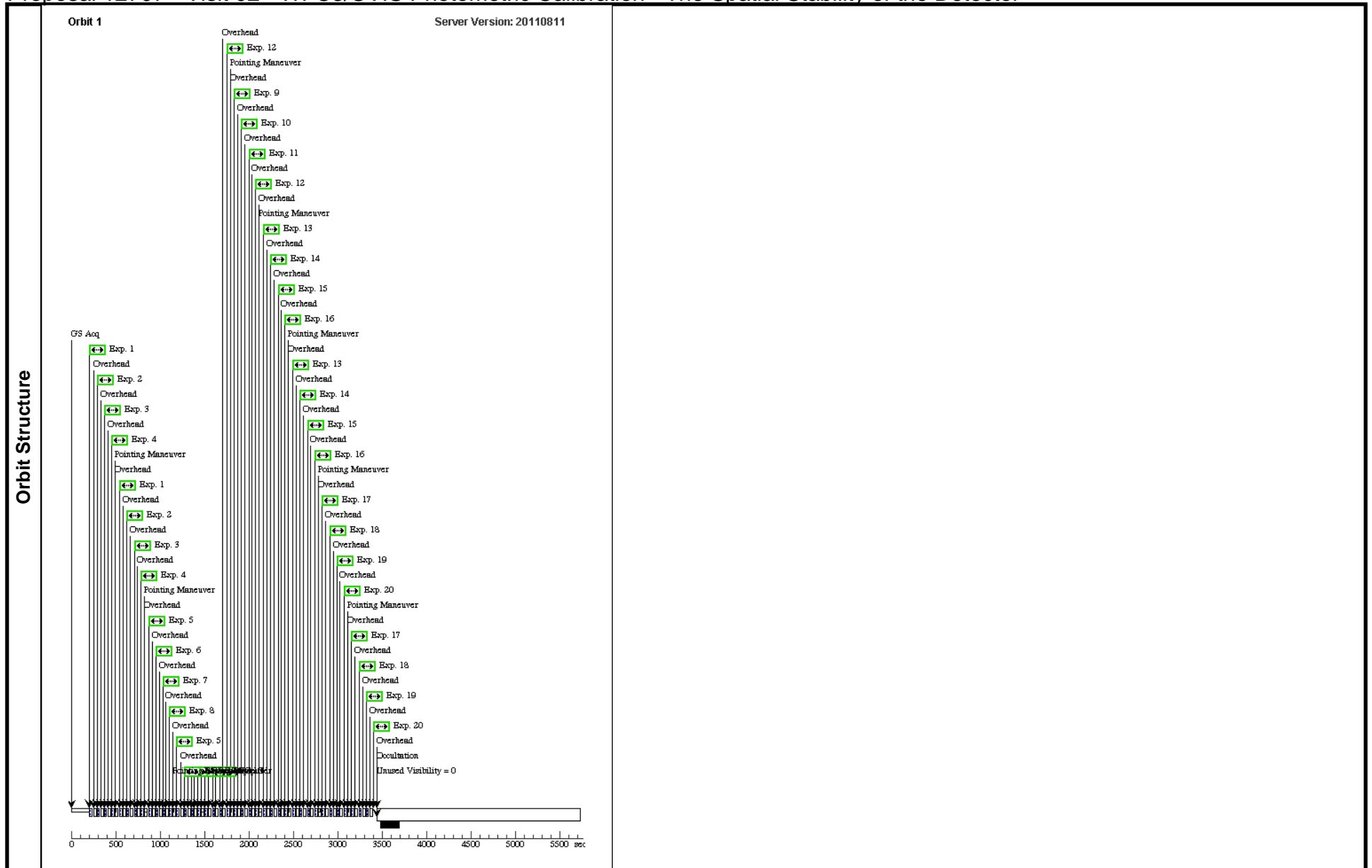
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -57.11,- 23.75; GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-4 i n Visit 02 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -57.11,- 23.75	Pattern 1, Exps 1-4 i n Visit 02 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -57.11,- 23.75	Pattern 1, Exps 1-4 i n Visit 02 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -57.11,- 23.75	Pattern 1, Exps 1-4 i n Visit 02 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -48.19,2 9.72	Pattern 1, Exps 5-8 i n Visit 02 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -48.19,2 9.72	Pattern 1, Exps 5-8 i n Visit 02 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 02 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

7	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -48.19,2 9.72	Pattern 1, Exps 5-8 i n Visit 02 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
8	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -48.19,2 9.72	Pattern 1, Exps 5-8 i n Visit 02 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
9	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -39.34,- 4.90	Pattern 1, Exps 9-12 in Visit 02 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
10	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -39.34,- 4.90	Pattern 1, Exps 9-12 in Visit 02 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
11	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -39.34,- 4.90	Pattern 1, Exps 9-12 in Visit 02 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
12	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -39.34,- 4.90	Pattern 1, Exps 9-12 in Visit 02 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
13	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.57,- 34.03	Pattern 1, Exps 13-1 6 in Visit 02 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 02 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

14	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.57,- 34.03	Pattern 1, Exps 13-1 6 in Visit 02 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
15	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.57,- 34.03	Pattern 1, Exps 13-1 6 in Visit 02 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
16	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.57,- 34.03	Pattern 1, Exps 13-1 6 in Visit 02 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
17	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -20.91,- 23.36	Pattern 1, Exps 17-2 0 in Visit 02 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
18	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -20.91,- 23.36	Pattern 1, Exps 17-2 0 in Visit 02 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
19	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -20.91,- 23.36	Pattern 1, Exps 17-2 0 in Visit 02 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
20	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -20.91,- 23.36	Pattern 1, Exps 17-2 0 in Visit 02 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 12707 - Visit 03 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Tue Oct 25 01:38:21 GMT 2011

Visit	Proposal 12707, Visit 03, implementation					
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
Diagnostics	(Visit 03) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(Visit 03) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(Visit 03) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(Visit 03) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
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	(Visit 03) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(Visit 03) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
Patterns	#	Primary Pattern	Secondary Pattern			
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				
			(1-4), (5-8), (9-12), (13-16), (17-20)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	G191B2B	RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000	Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000	V=11.781+/-0.01	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. proper motions added as per Table 2 of COS TIR 2009-02(v2), by Wolff by Deustua on 15 Feb 2011</i>					

Proposal 12707 - Visit 03 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

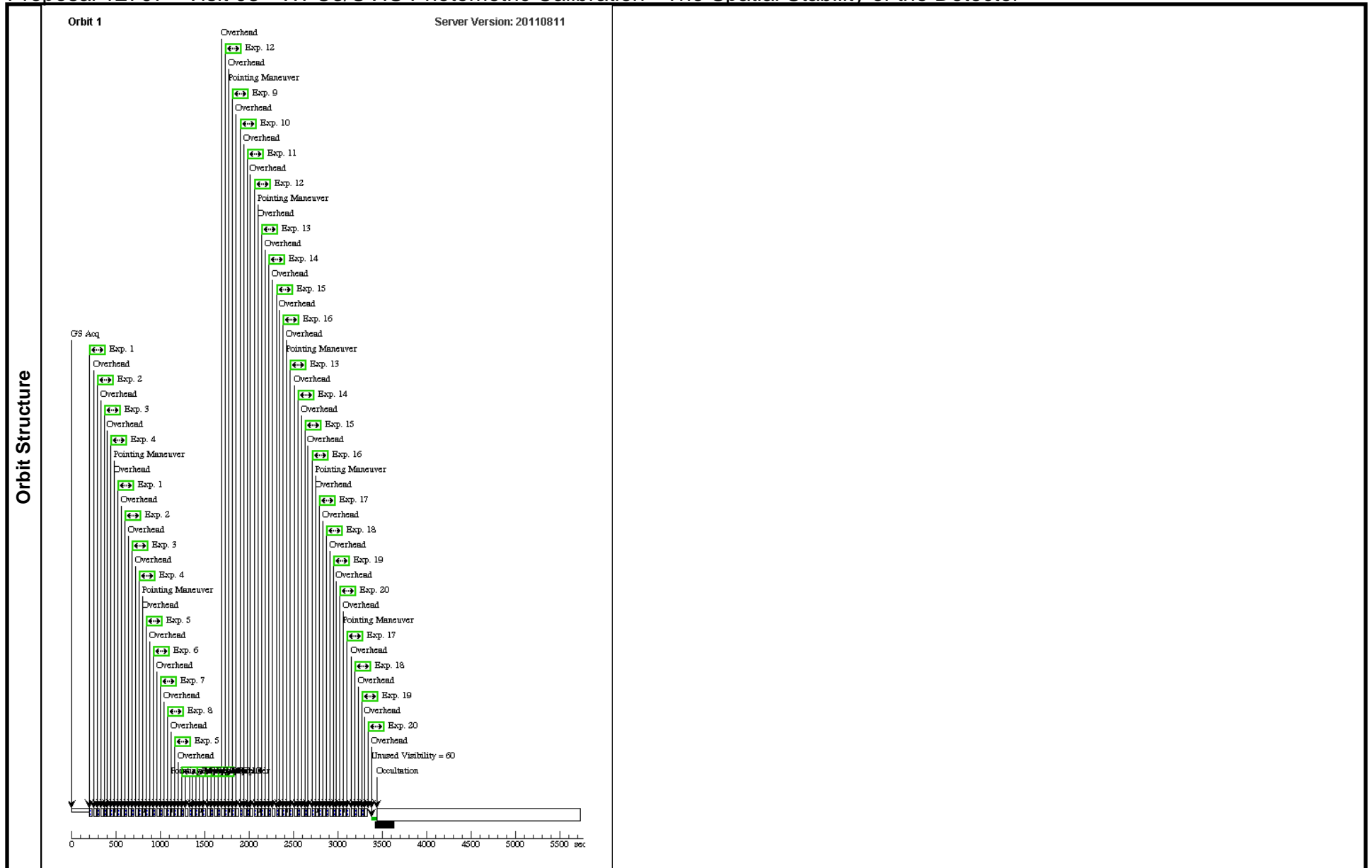
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -15.62,3 1.97; GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-4 i n Visit 03 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -15.62,3 1.97	Pattern 1, Exps 1-4 i n Visit 03 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -15.62,3 1.97	Pattern 1, Exps 1-4 i n Visit 03 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -15.62,3 1.97	Pattern 1, Exps 1-4 i n Visit 03 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -13.69,1 6.44	Pattern 1, Exps 5-8 i n Visit 03 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -13.69,1 6.44	Pattern 1, Exps 5-8 i n Visit 03 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 03 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

7	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -13.69,1 6.44	Pattern 1, Exps 5-8 i n Visit 03 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
8	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -13.69,1 6.44	Pattern 1, Exps 5-8 i n Visit 03 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
9	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -9.80,-2. 94	Pattern 1, Exps 9-12 in Visit 03 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
10	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -9.80,-2. 94	Pattern 1, Exps 9-12 in Visit 03 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
11	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -9.80,-2. 94	Pattern 1, Exps 9-12 in Visit 03 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
12	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -9.80,-2. 94	Pattern 1, Exps 9-12 in Visit 03 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
13	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 6.03,17. 78	Pattern 1, Exps 13-1 6 in Visit 03 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 03 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

14	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 6.03,17. 78	Pattern 1, Exps 13-1 6 in Visit 03 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
15	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 6.03,17. 78	Pattern 1, Exps 13-1 6 in Visit 03 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
16	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 6.03,17. 78	Pattern 1, Exps 13-1 6 in Visit 03 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
17	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 7.24,33. 55	Pattern 1, Exps 17-2 0 in Visit 03 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
18	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 7.24,33. 55	Pattern 1, Exps 17-2 0 in Visit 03 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
19	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 7.24,33. 55	Pattern 1, Exps 17-2 0 in Visit 03 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
20	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 7.24,33. 55	Pattern 1, Exps 17-2 0 in Visit 03 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 12707 - Visit 04 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Tue Oct 25 01:38:27 GMT 2011

Visit	Proposal 12707, Visit 04, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)														
	(Visit 04) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 04) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 04) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 04) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 04) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 04) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 04) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR (Visit 04) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR														
Diagnosics															
Patterns	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Pattern</th> <th>Secondary Pattern</th> <th>Exposures</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td> Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(1-4), (5-8), (9-12), (13-16), (17-20)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-4), (5-8), (9-12), (13-16), (17-20)						
	#	Primary Pattern	Secondary Pattern	Exposures											
(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-4), (5-8), (9-12), (13-16), (17-20)												
<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>G191B2B</td> <td> RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000 </td> <td> Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000 </td> <td>V=11.781+/-0.01</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. proper motions added as per Table 2 of COS TIR 2009-02(v2), by Wolff by Deustua on 15 Feb 2011</i></p>				#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	G191B2B	RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000	Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000	V=11.781+/-0.01	Reference Frame: ICRS
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous										
(2)	G191B2B	RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000	Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000	V=11.781+/-0.01	Reference Frame: ICRS										

Proposal 12707 - Visit 04 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

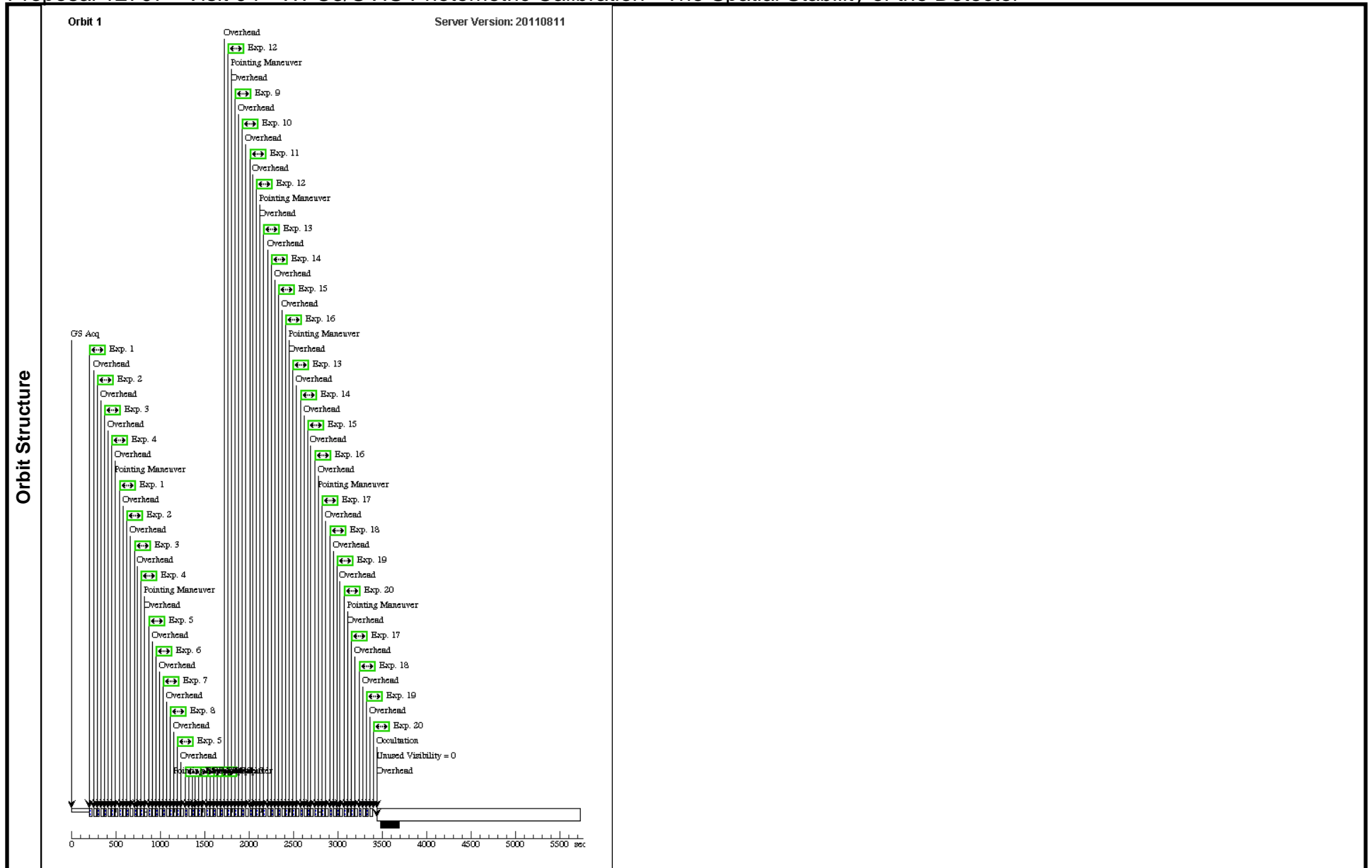
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 9.95,-15 .42; GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-4 i n Visit 04 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 9.95,-15 .42	Pattern 1, Exps 1-4 i n Visit 04 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 9.95,-15 .42	Pattern 1, Exps 1-4 i n Visit 04 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 9.95,-15 .42	Pattern 1, Exps 1-4 i n Visit 04 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 10.97,18 .11	Pattern 1, Exps 5-8 i n Visit 04 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 10.97,18 .11	Pattern 1, Exps 5-8 i n Visit 04 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 04 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

7	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 10.97,18 .11	Pattern 1, Exps 5-8 i n Visit 04 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
8	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 10.97,18 .11	Pattern 1, Exps 5-8 i n Visit 04 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
9	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 16.51,18 .49	Pattern 1, Exps 9-12 in Visit 04 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
10	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 16.51,18 .49	Pattern 1, Exps 9-12 in Visit 04 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
11	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 16.51,18 .49	Pattern 1, Exps 9-12 in Visit 04 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
12	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 16.51,18 .49	Pattern 1, Exps 9-12 in Visit 04 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
13	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 17.89,-1 .09	Pattern 1, Exps 13-1 6 in Visit 04 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 04 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

14	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 17.89,-1 .09	Pattern 1, Exps 13-1 6 in Visit 04 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
15	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 17.89,-1 .09	Pattern 1, Exps 13-1 6 in Visit 04 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
16	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 17.89,-1 .09	Pattern 1, Exps 13-1 6 in Visit 04 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
17	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 27.81,-3 0.08	Pattern 1, Exps 17-2 0 in Visit 04 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
18	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 27.81,-3 0.08	Pattern 1, Exps 17-2 0 in Visit 04 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
19	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 27.81,-3 0.08	Pattern 1, Exps 17-2 0 in Visit 04 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
20	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 27.81,-3 0.08	Pattern 1, Exps 17-2 0 in Visit 04 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Visit	Proposal 12707, Visit 05, implementation					
	Diagnostic Status: Warning					
	Scientific Instruments: WFC3/UVIS					
	Special Requirements: (none)					
	Diagnostics	(Visit 05) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
		(Visit 05) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
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Patterns		#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-4), (5-8), (9-12), (13-16), (17-20)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	G191B2B	RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000	Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000	V=11.781+/-0.01	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. proper motions added as per Table 2 of COS TIR 2009-02(v2), by Wolff by Deustua on 15 Feb 2011						

Proposal 12707 - Visit 05 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

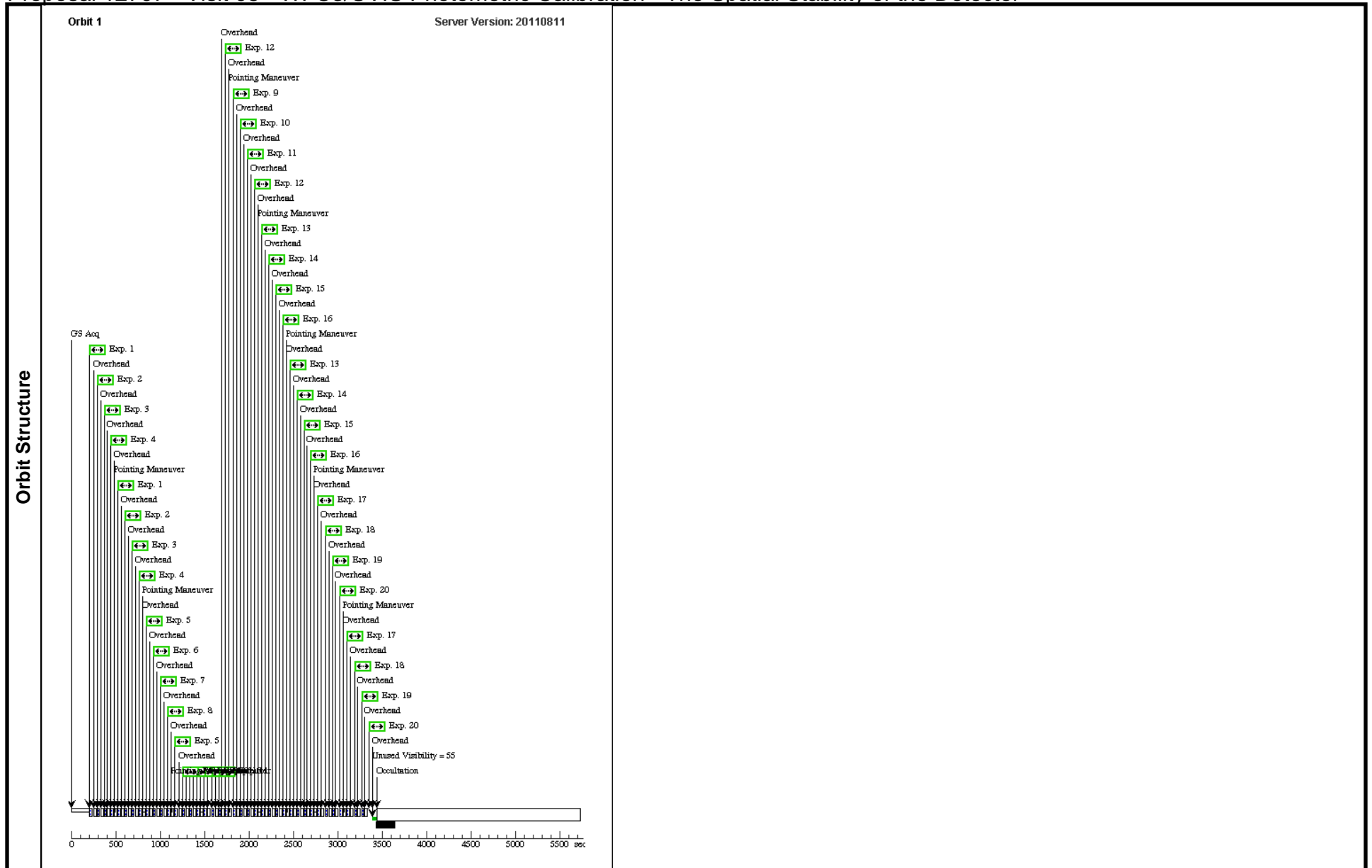
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 33.73,35 .38; GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-4 i n Visit 05 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 33.73,35 .38	Pattern 1, Exps 1-4 i n Visit 05 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 33.73,35 .38	Pattern 1, Exps 1-4 i n Visit 05 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 33.73,35 .38	Pattern 1, Exps 1-4 i n Visit 05 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 47.69,-1 0.97	Pattern 1, Exps 5-8 i n Visit 05 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 47.69,-1 0.97	Pattern 1, Exps 5-8 i n Visit 05 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 05 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

7	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 47.69,-1 0.97	Pattern 1, Exps 5-8 i n Visit 05 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
8	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 47.69,-1 0.97	Pattern 1, Exps 5-8 i n Visit 05 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
9	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 53.60,21 .01	Pattern 1, Exps 9-12 in Visit 05 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
10	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 53.60,21 .01	Pattern 1, Exps 9-12 in Visit 05 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
11	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 53.60,21 .01	Pattern 1, Exps 9-12 in Visit 05 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
12	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 53.60,21 .01	Pattern 1, Exps 9-12 in Visit 05 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
13	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.46,38 .27	Pattern 1, Exps 13-1 6 in Visit 05 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 05 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

14	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.46,38 .27	Pattern 1, Exps 13-1 6 in Visit 05 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
15	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.46,38 .27	Pattern 1, Exps 13-1 6 in Visit 05 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
16	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.46,38 .27	Pattern 1, Exps 13-1 6 in Visit 05 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
17	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.59,2. 75	Pattern 1, Exps 17-2 0 in Visit 05 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
18	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.59,2. 75	Pattern 1, Exps 17-2 0 in Visit 05 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
19	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.59,2. 75	Pattern 1, Exps 17-2 0 in Visit 05 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
20	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.59,2. 75	Pattern 1, Exps 17-2 0 in Visit 05 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 12707 - Visit 06 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Tue Oct 25 01:38:39 GMT 2011

Visit	Proposal 12707, Visit 06, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)			
	Diagnostics	(Visit 06) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR		
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(Visit 06) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR				
Patterns		#	Primary Pattern	Secondary Pattern
		(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	
Exposures				
(1-4), (5-8), (9-12), (13-16), (17-20)				

Proposal 12707 - Visit 06 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	G191B2B	RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000	Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000	V=11.781+/-0.01	Reference Frame: ICRS
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. proper motions added as per Table 2 of COS TIR 2009-02(v2), by Wolff by Deustua on 15 Feb 2011</i></p>						

Proposal 12707 - Visit 06 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

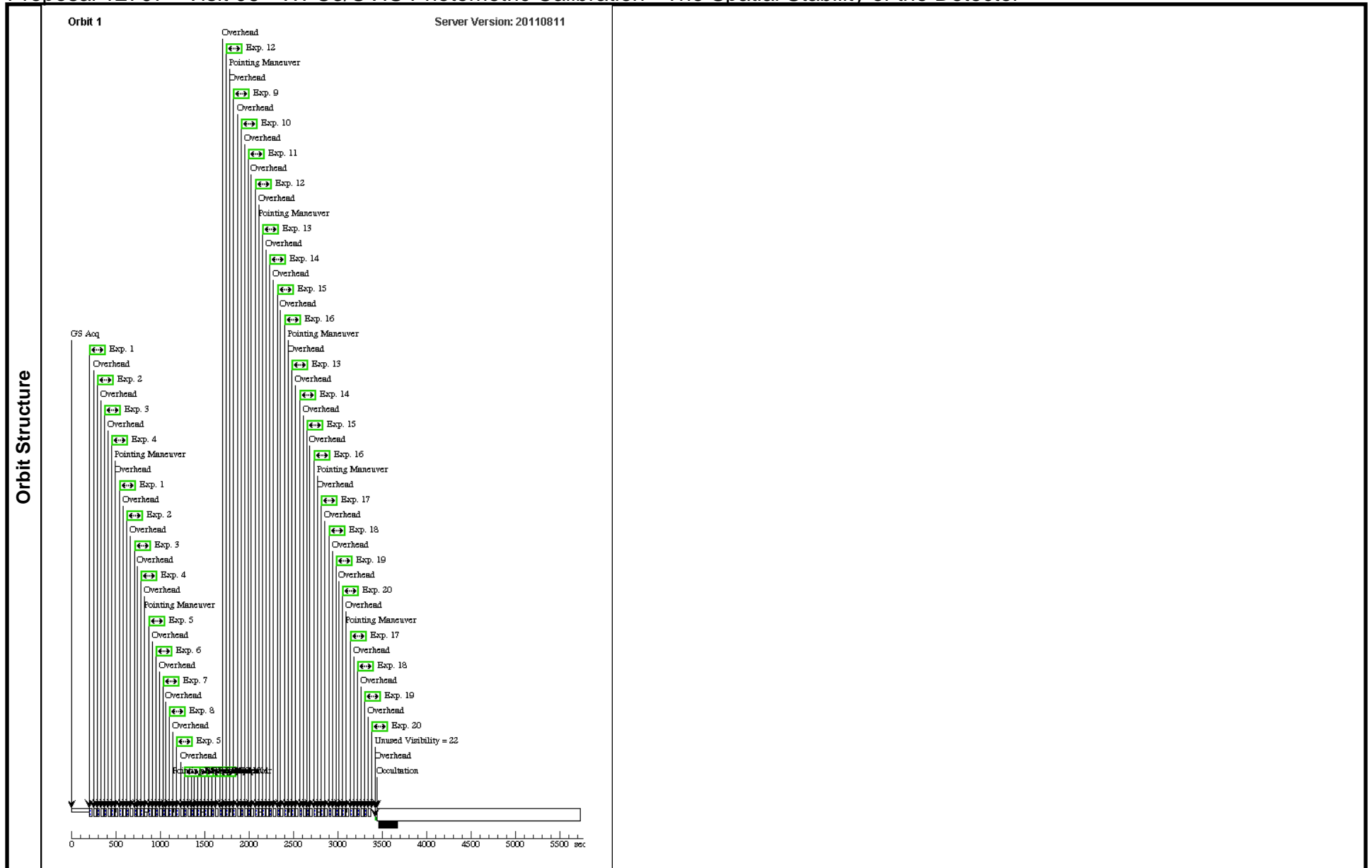
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.70,-2 6.98; GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-4 i n Visit 06 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.70,-2 6.98	Pattern 1, Exps 1-4 i n Visit 06 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.70,-2 6.98	Pattern 1, Exps 1-4 i n Visit 06 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS1-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.70,-2 6.98	Pattern 1, Exps 1-4 i n Visit 06 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 76.16,-2 8.57	Pattern 1, Exps 5-8 i n Visit 06 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 76.16,-2 8.57	Pattern 1, Exps 5-8 i n Visit 06 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 06 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

7	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 76.16,-2 8.57	Pattern 1, Exps 5-8 i n Visit 06 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
8	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 76.16,-2 8.57	Pattern 1, Exps 5-8 i n Visit 06 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
9	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 76.05,1. 13	Pattern 1, Exps 9-12 in Visit 06 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
10	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 76.05,1. 13	Pattern 1, Exps 9-12 in Visit 06 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
11	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 76.05,1. 13	Pattern 1, Exps 9-12 in Visit 06 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
12	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 76.05,1. 13	Pattern 1, Exps 9-12 in Visit 06 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
13	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.91,37 .48	Pattern 1, Exps 13-1 6 in Visit 06 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 06 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

14	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.91,37 .48	Pattern 1, Exps 13-1 6 in Visit 06 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
15	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.91,37 .48	Pattern 1, Exps 13-1 6 in Visit 06 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
16	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 75.91,37 .48	Pattern 1, Exps 13-1 6 in Visit 06 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
17	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 52.78,-8 .26	Pattern 1, Exps 17-2 0 in Visit 06 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
18	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 52.78,-8 .26	Pattern 1, Exps 17-2 0 in Visit 06 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
19	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 52.78,-8 .26	Pattern 1, Exps 17-2 0 in Visit 06 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
20	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 52.78,-8 .26	Pattern 1, Exps 17-2 0 in Visit 06 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 12707 - Visit 07 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Tue Oct 25 01:38:50 GMT 2011

Visit	<p>Proposal 12707, Visit 07, implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: WFC3/UVIS</p> <p>Special Requirements: (none)</p>					
Diagnostics	<p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p> <p>(Visit 07) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR</p>					
Patterns	#	<p>Primary Pattern</p> <p>Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing=</p>	<p>Secondary Pattern</p> <p>Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false</p>	<p>Exposures</p> <p>(1-4), (5-8), (9-12), (13-16), (17-20)</p>		
Fixed Targets	#	<p>Name</p> <p>G191B2B</p>	<p>Target Coordinates</p> <p>RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000</p>	<p>Targ. Coord. Corrections</p> <p>Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000</p>	<p>Fluxes</p> <p>V=11.781+/-0.01</p>	<p>Miscellaneous</p> <p>Reference Frame: ICRS</p> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. proper motions added as per Table 2 of COS TIR 2009-02(v2), by Wolff by Deustua on 15 Feb 2011</i></p>

Proposal 12707 - Visit 07 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

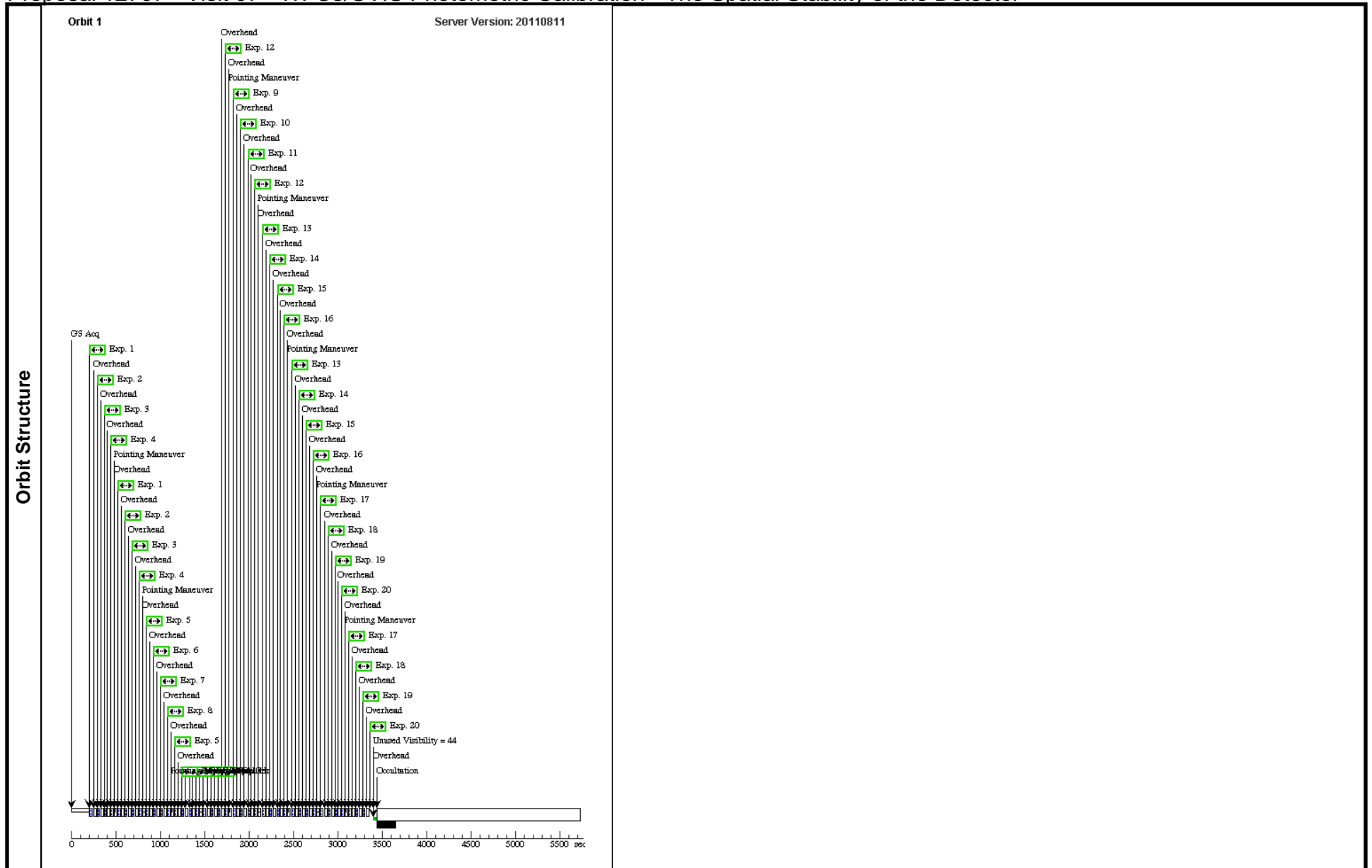
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 46.00,-3 0.31; GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-4 i n Visit 07 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 46.00,-3 0.31	Pattern 1, Exps 1-4 i n Visit 07 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 46.00,-3 0.31	Pattern 1, Exps 1-4 i n Visit 07 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 46.00,-3 0.31	Pattern 1, Exps 1-4 i n Visit 07 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 43.95,-0 .79	Pattern 1, Exps 5-8 i n Visit 07 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 43.95,-0 .79	Pattern 1, Exps 5-8 i n Visit 07 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 07 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

7	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 43.95,-0 .79	Pattern 1, Exps 5-8 i n Visit 07 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
8	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 43.95,-0 .79	Pattern 1, Exps 5-8 i n Visit 07 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
9	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 43.91,35 .47	Pattern 1, Exps 9-12 in Visit 07 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
10	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 43.91,35 .47	Pattern 1, Exps 9-12 in Visit 07 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
11	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 43.91,35 .47	Pattern 1, Exps 9-12 in Visit 07 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
12	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 43.91,35 .47	Pattern 1, Exps 9-12 in Visit 07 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
13	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 35.55,7. 49	Pattern 1, Exps 13-1 6 in Visit 07 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 07 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

14	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 35.55,7. 49	Pattern 1, Exps 13-1 6 in Visit 07 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
15	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 35.55,7. 49	Pattern 1, Exps 13-1 6 in Visit 07 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
16	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 35.55,7. 49	Pattern 1, Exps 13-1 6 in Visit 07 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
17	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 29.98,-3 1.24	Pattern 1, Exps 17-2 0 in Visit 07 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
18	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 29.98,-3 1.24	Pattern 1, Exps 17-2 0 in Visit 07 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
19	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 29.98,-3 1.24	Pattern 1, Exps 17-2 0 in Visit 07 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
20	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 29.98,-3 1.24	Pattern 1, Exps 17-2 0 in Visit 07 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 12707 - Visit 08 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Tue Oct 25 01:38:57 GMT 2011

Visit	Proposal 12707, Visit 08, implementation					
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
Diagnostics	(Visit 08) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(Visit 08) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(Visit 08) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(Visit 08) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
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	(Visit 08) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(Visit 08) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	Patterns	#	Primary Pattern		Secondary Pattern	Exposures
		(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1-4), (5-8), (9-12), (13-16), (17-20)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	G191B2B	RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000	Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000	V=11.781+/-0.01	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. proper motions added as per Table 2 of COS TIR 2009-02(v2), by Wolff by Deustua on 15 Feb 2011</i>						

Proposal 12707 - Visit 08 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

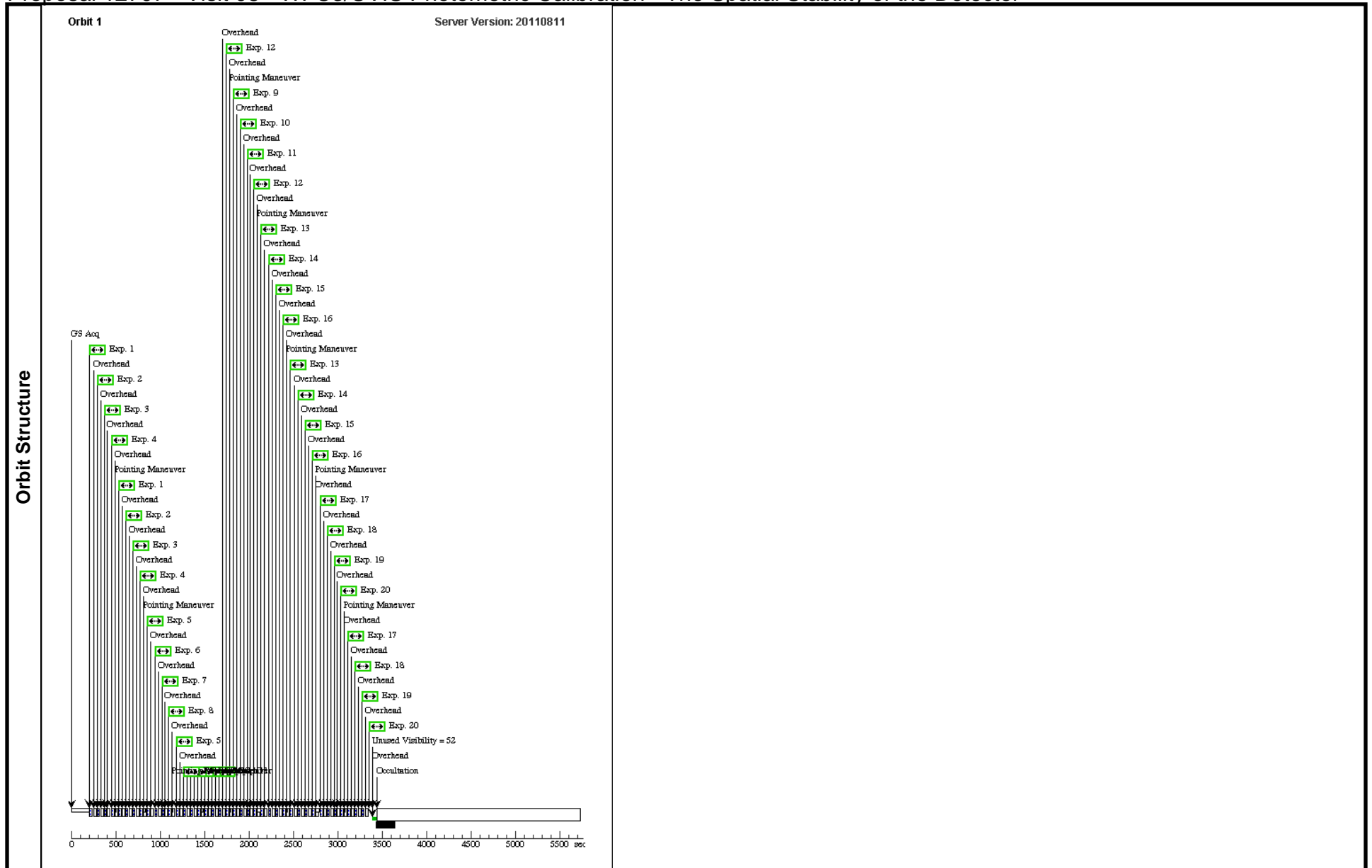
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 29.97,-1 1.22; GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-4 i n Visit 08 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 29.97,-1 1.22	Pattern 1, Exps 1-4 i n Visit 08 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 29.97,-1 1.22	Pattern 1, Exps 1-4 i n Visit 08 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 29.97,-1 1.22	Pattern 1, Exps 1-4 i n Visit 08 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 14.00,-1 2.16	Pattern 1, Exps 5-8 i n Visit 08 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 14.00,-1 2.16	Pattern 1, Exps 5-8 i n Visit 08 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 08 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

7	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 14.00,-1 2.16	Pattern 1, Exps 5-8 i n Visit 08 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
8	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 14.00,-1 2.16	Pattern 1, Exps 5-8 i n Visit 08 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
9	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 13.98,-3 2.16	Pattern 1, Exps 9-12 in Visit 08 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
10	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 13.98,-3 2.16	Pattern 1, Exps 9-12 in Visit 08 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
11	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 13.98,-3 2.16	Pattern 1, Exps 9-12 in Visit 08 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
12	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 13.98,-3 2.16	Pattern 1, Exps 9-12 in Visit 08 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
13	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 8.08,33. 23	Pattern 1, Exps 13-1 6 in Visit 08 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 08 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

14	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 8.08,33. 23	Pattern 1, Exps 13-1 6 in Visit 08 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
15	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 8.08,33. 23	Pattern 1, Exps 13-1 6 in Visit 08 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
16	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG 8.08,33. 23	Pattern 1, Exps 13-1 6 in Visit 08 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
17	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -0.78,-3 3.02	Pattern 1, Exps 17-2 0 in Visit 08 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
18	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -0.78,-3 3.02	Pattern 1, Exps 17-2 0 in Visit 08 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
19	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -0.78,-3 3.02	Pattern 1, Exps 17-2 0 in Visit 08 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
20	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -0.78,-3 3.02	Pattern 1, Exps 17-2 0 in Visit 08 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 12707 - Visit 09 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Tue Oct 25 01:39:03 GMT 2011

Visit	Proposal 12707, Visit 09, implementation					
	Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)					
Diagnostics	(Visit 09) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(Visit 09) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(Visit 09) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
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	(Visit 09) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	(Visit 09) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
(1)		Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-4), (5-8), (9-12), (13-16), (17-20)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	G191B2B	RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000	Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000	V=11.781+/-0.01	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. proper motions added as per Table 2 of COS TIR 2009-02(v2), by Wolff by Deustua on 15 Feb 2011</i>						

Proposal 12707 - Visit 09 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

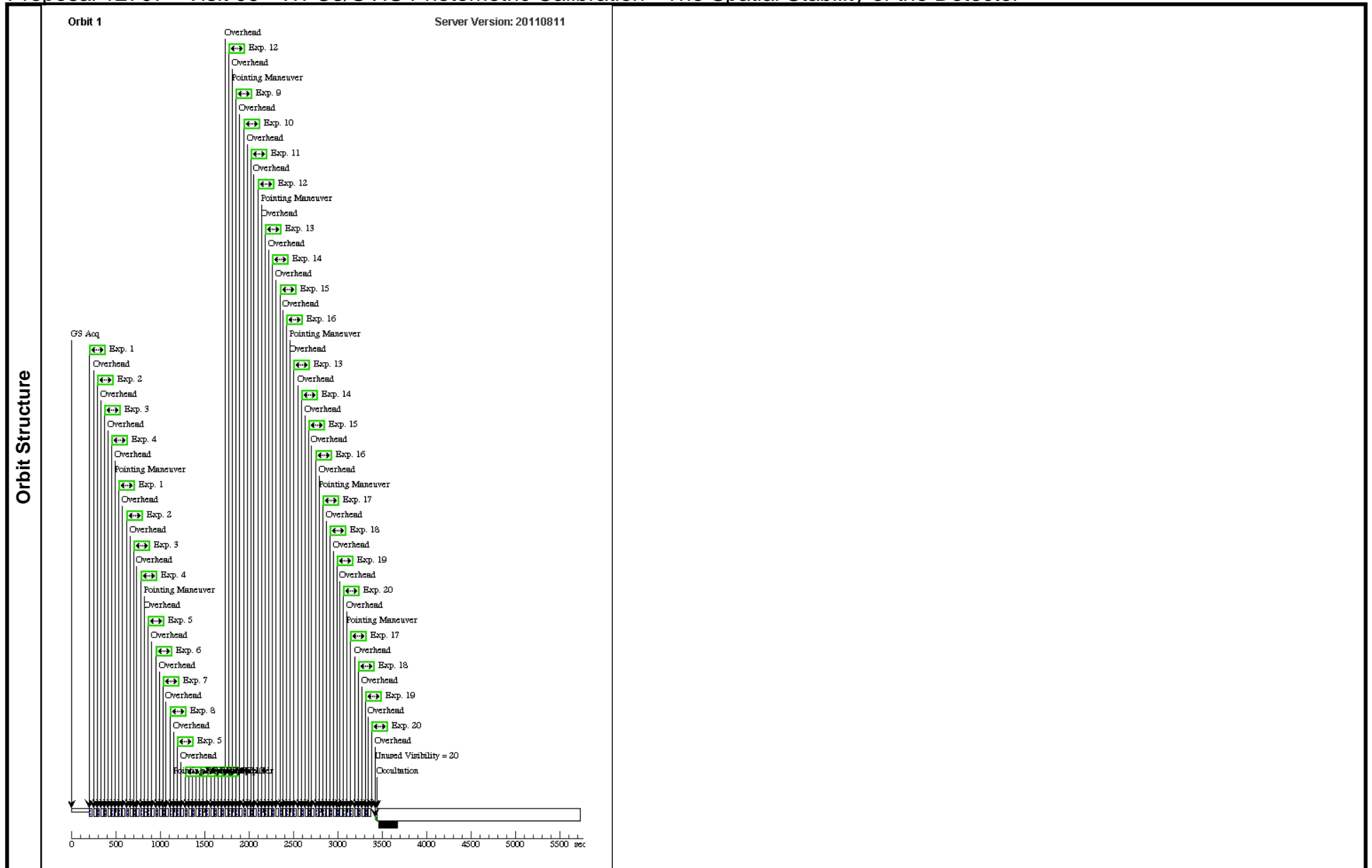
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -1.89,10 .79; GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-4 i n Visit 09 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -1.89,10 .79	Pattern 1, Exps 1-4 i n Visit 09 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -1.89,10 .79	Pattern 1, Exps 1-4 i n Visit 09 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -1.89,10 .79	Pattern 1, Exps 1-4 i n Visit 09 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.49,3 0.63	Pattern 1, Exps 5-8 i n Visit 09 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.49,3 0.63	Pattern 1, Exps 5-8 i n Visit 09 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 09 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

7	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.49,3 0.63	Pattern 1, Exps 5-8 i n Visit 09 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
8	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.49,3 0.63	Pattern 1, Exps 5-8 i n Visit 09 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
9	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.58,8 .85	Pattern 1, Exps 9-12 in Visit 09 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
10	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.58,8 .85	Pattern 1, Exps 9-12 in Visit 09 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
11	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.58,8 .85	Pattern 1, Exps 9-12 in Visit 09 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
12	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.58,8 .85	Pattern 1, Exps 9-12 in Visit 09 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
13	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.69,- 14.99	Pattern 1, Exps 13-1 6 in Visit 09 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 09 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

14	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.69,- 14.99	Pattern 1, Exps 13-1 6 in Visit 09 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
15	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.69,- 14.99	Pattern 1, Exps 13-1 6 in Visit 09 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
16	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.69,- 14.99	Pattern 1, Exps 13-1 6 in Visit 09 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
17	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.77,- 34.93	Pattern 1, Exps 17-2 0 in Visit 09 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
18	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.77,- 34.93	Pattern 1, Exps 17-2 0 in Visit 09 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
19	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.77,- 34.93	Pattern 1, Exps 17-2 0 in Visit 09 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
20	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -33.77,- 34.93	Pattern 1, Exps 17-2 0 in Visit 09 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Visit	<p>Proposal 12707, Visit 10, implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: (none)</p>
Diagnostics	(Visit 10) Warning (Orbit Planner): SUBARRAY OFF OF DETECTOR
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Proposal 12707 - Visit 10 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

Patterns	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.29 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	G191B2B	RA: 05 05 30.6700 (76.3777917d) Dec: +52 49 51.95 (52.83110d) Equinox: J2000	Proper Motion RA: 0.0007 sec of time/yr Proper Motion Dec: -0.0907 arcsec/yr Epoch of Position: 2000	V=11.781+/-0.01	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. proper motions added as per Table 2 of COS TIR 2009-02(v2), by Wolff by Deustua on 15 Feb 2011</i>						

Proposal 12707 - Visit 10 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
Exposures	1	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.84,2 8.95; GS ACQ SCENARI O SINGLE	Pattern 1, Exps 1-4 i n Visit 10 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.84,2 8.95	Pattern 1, Exps 1-4 i n Visit 10 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.84,2 8.95	Pattern 1, Exps 1-4 i n Visit 10 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.84,2 8.95	Pattern 1, Exps 1-4 i n Visit 10 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.89,2 2.25	Pattern 1, Exps 5-8 i n Visit 10 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.89,2 2.25	Pattern 1, Exps 5-8 i n Visit 10 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 10 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

7	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.89,2 2.25	Pattern 1, Exps 5-8 i n Visit 10 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
8	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -72.89,2 2.25	Pattern 1, Exps 5-8 i n Visit 10 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
9	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.00,6 .44	Pattern 1, Exps 9-12 in Visit 10 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
10	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.00,6 .44	Pattern 1, Exps 9-12 in Visit 10 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
11	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.00,6 .44	Pattern 1, Exps 9-12 in Visit 10 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
12	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.00,6 .44	Pattern 1, Exps 9-12 in Visit 10 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
13	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.18,- 17.34	Pattern 1, Exps 13-1 6 in Visit 10 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

Proposal 12707 - Visit 10 - WFC3/UVIS Photometric Calibration - The Spatial Stability of the Detector

14	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.18,- 17.34	Pattern 1, Exps 13-1 6 in Visit 10 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
15	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.18,- 17.34	Pattern 1, Exps 13-1 6 in Visit 10 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
16	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.18,- 17.34	Pattern 1, Exps 13-1 6 in Visit 10 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
17	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F275W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.32,- 37.23	Pattern 1, Exps 17-2 0 in Visit 10 (1)	1.5 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
18	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F438W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.32,- 37.23	Pattern 1, Exps 17-2 0 in Visit 10 (1)	1.3 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
19	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F606W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.32,- 37.23	Pattern 1, Exps 17-2 0 in Visit 10 (1)	0.7 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]
20	(2) G191B2B	WFC3/UVIS, ACCUM, UVIS2-FIX	F814W	CENTERAXIS1=T ARGET; CENTERAXIS2=T ARGET; SIZEAXIS1=512; SIZEAXIS2=512; CR-SPLIT=NO	POS TARG -73.32,- 37.23	Pattern 1, Exps 17-2 0 in Visit 10 (1)	3.0 Secs [==>(Pattern 1)] [==>(Pattern 2)]	[1]

