



15583 - WFC3 UVIS Contamination Monitor (staring and scans)

Cycle: 26, Proposal Category: CAL/WFC3

(Availability Mode: RESTRICTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) GRW+70D5824	WFC3/UVIS	2	16-Jul-2019 17:04:14.0	yes
02	(2) GD153	WFC3/UVIS	2	16-Jul-2019 17:04:21.0	yes
03	(1) GRW+70D5824	WFC3/UVIS	2	16-Jul-2019 17:04:28.0	yes
04	(2) GD153	WFC3/UVIS	2	16-Jul-2019 17:04:35.0	yes
05	(1) GRW+70D5824	WFC3/UVIS	2	16-Jul-2019 17:04:42.0	yes
06	(2) GD153	WFC3/UVIS	2	16-Jul-2019 17:04:48.0	yes
07	(2) GD153	WFC3/UVIS	2	16-Jul-2019 17:04:55.0	yes
08	(1) GRW+70D5824	WFC3/UVIS	2	16-Jul-2019 17:05:02.0	yes
09	(1) GRW+70D5824	WFC3/UVIS	2	16-Jul-2019 17:05:09.0	yes
10	(2) GD153	WFC3/UVIS	2	16-Jul-2019 17:05:15.0	yes

20 Total Orbits Used

ABSTRACT

This proposal acquires data to measure the photometric throughput of WFC3 as a function of time as well as check for the presence of possible contaminants on the optics. There are ten iterations in the cycle, one iteration every five weeks. Each iteration obtains one orbit of dithered and one orbit of scanned subarray observations of a white dwarf spectrophotometric standard star on both chips through a sub-sample of UVIS filters (including staring mode w/ grism G280).

OBSERVING DESCRIPTION

Goals: Periodically measure the photometric throughput of WFC3 during the cycle in a subset of key filters in the UVIS channel. The data provide a monitor of the stellar flux as a function of time and wavelength as well as check for the presence of possible contaminants on the detector windows. While no contamination effects have been detected with prior staring-mode data, small amplitude, long-term photometric drifts are present in some filters (Gosmeyer et al., ISR 2014-20). These drifts do not appear to be due to changes in shutter behavior (Sahu et al., ISR 2015-12).

Description of the Observations: To make interpretation simple, we wish to schedule the scanning observations very near in time to similar ones made in staring mode of the same standard stars. Hence, each visit will obtain A) staring mode subarray observations of a standard star in a subsample of filters in the UVIS, on both UVIS detectors and B) scanning mode data of the same star and filters in the same visit. Given the greater precision of the scanned mode (0.1% rms, i.e. ~5x improved over staring mode, per epoch, ISR 2017-21), we expect to gradually transition from staring mode to scanning mode, with this cycle providing additional validation and contemporaneous data to stitch the future scanned results to the past staring mode results.

There are 10 visits total, spaced as evenly as possible without overlapping annual weeks. There are 2 orbits/visit (1 staring, 1 scanning) for the standard star being observed.

The white dwarf standard GRW+70D5824 has been used for past monitors but recent analyses have questioned its flux stability (Bohlin & Landolt 2015, AJ 149, 122B). As a result, we propose to include it and another white dwarf spectrophotometric standard (GD153) with equal weight. This second standard has an added benefit of being schedulable throughout the year in 1-Gyro mode.

The last visit from the Cycle 25 contamination proposal completes in Nov 2018 (GD153).

For a smooth transition and even time sampling, this means the Cycle 26 visits will occur every ~34 days or as target visibility allows:

Filter coverage in staring mode visits:

2-pt dither line for each of F218W, F225W, F275W, F438W, F606W, F814W plus a single F336W on each chip
one G280 exposure and one F300X reference image

If a particular orbit visibility is too short (typically the case for GD153, less so for GRW+70), one or more as needed of the 2-pt exposures will be reduced to a single image.

Filter coverage in scanning mode visits: same as above except no G280 due to order overlap.

This program 15583 follows its staring+scanning mode predecessor 15398.

Proposal 15583 - grw - iteration 1 (01) - WFC3 UVIS Contamination Monitor (staring and scans)

Tue Jul 16 21:05:17 GMT 2019

Visit	Proposal 15583, grw - iteration 1 (01), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 50%; BETWEEN 01-JAN-2019 AND 11-JAN-2019 <i>Comments: grw visibility ends Feb 15</i>															
	(grw - iteration 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 1 (01)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 1 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (F218W UVIS2 I (01.017)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS2 I (01.019)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS2 I (01.021)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS2 I (01.023)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS2 I (01.025)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS2 I (01.027)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS2 I (01.029)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F218W UVIS1 I (01.031)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS1 I (01.032)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS1 I (01.033)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS1 I (01.034)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS1 I (01.035)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS1 I (01.036)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS1 I (01.037)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser															
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=0.145 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(1-5), (8-13)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-5), (8-13)							
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Fixed Targets	<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>(1)</td> <td>GRW+70D5824 Alt Name1: PRIMARY</td> <td> RA: 13 38 51.1700 (204.7132083d) Dec: +70 17 7.85 (70.28551d) Equinox: J2000 </td> <td> Proper Motion RA: -0.0798 sec of time/yr Proper Motion Dec: -0.0262 arcsec/yr Epoch of Position: 1991.25 </td> <td> V=12.77 B-V = -9.0e-2 </td> <td>Reference Frame: WFPC2 OBSERVATIONS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	GRW+70D5824 Alt Name1: PRIMARY	RA: 13 38 51.1700 (204.7132083d) Dec: +70 17 7.85 (70.28551d) Equinox: J2000	Proper Motion RA: -0.0798 sec of time/yr Proper Motion Dec: -0.0262 arcsec/yr Epoch of Position: 1991.25	V=12.77 B-V = -9.0e-2	Reference Frame: WFPC2 OBSERVATIONS			
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<i>Comments:</i> <i>Category=STAR</i> <i>Description=[DA]</i>																

Proposal 15583 - grw - iteration 1 (01) - WFC3 UVIS Contamination Monitor (staring and scans)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F218W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; FLASH=12.	Pattern 1, Exps 1-5 in grw - iteration 1 (01) (1)	17.6 Secs (35.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F225W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; FLASH=12.	Pattern 1, Exps 1-5 in grw - iteration 1 (01) (1)	6.3 Secs (12.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F275W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; FLASH=12.	Pattern 1, Exps 1-5 in grw - iteration 1 (01) (1)	6.0 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F438W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; FLASH=12.	Pattern 1, Exps 1-5 in grw - iteration 1 (01) (1)	3.1 Secs (6.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F814W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; FLASH=12.	Pattern 1, Exps 1-5 in grw - iteration 1 (01) (1)	6.2 Secs (12.4 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	F606W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; FLASH=12.		1.3 Secs (1.3 Secs) [==>]	[1]
	7	F336W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; FLASH=12.0		4.0 Secs (4 Secs) [==>]	[1]
	8	F218W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; FLASH=12.	Pattern 1, Exps 8-13 in grw - iteration 1 (01) (1)	17.6 Secs (35.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F225W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; FLASH=12.0	Pattern 1, Exps 8-13 in grw - iteration 1 (01) (1)	6.3 Secs (12.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	10	F275W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; FLASH=12.0	Pattern 1, Exps 8-13 in grw - iteration 1 (01) (1)	6.0 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F336W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; FLASH=12.0	Pattern 1, Exps 8-13 in grw - iteration 1 (01) (1)	4.0 Secs (8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	12	F438W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; FLASH=12.0	Pattern 1, Exps 8-13 in grw - iteration 1 (01) (1)	3.1 Secs (6.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	13	F606W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; FLASH=12.	Pattern 1, Exps 8-13 in grw - iteration 1 (01) (1)	1.3 Secs (2.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	14	F814W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; FLASH=12.		6.2 Secs (6.2 Secs) [==>]	[1]

Proposal 15583 - grw - iteration 1 (01) - WFC3 UVIS Contamination Monitor (staring and scans)

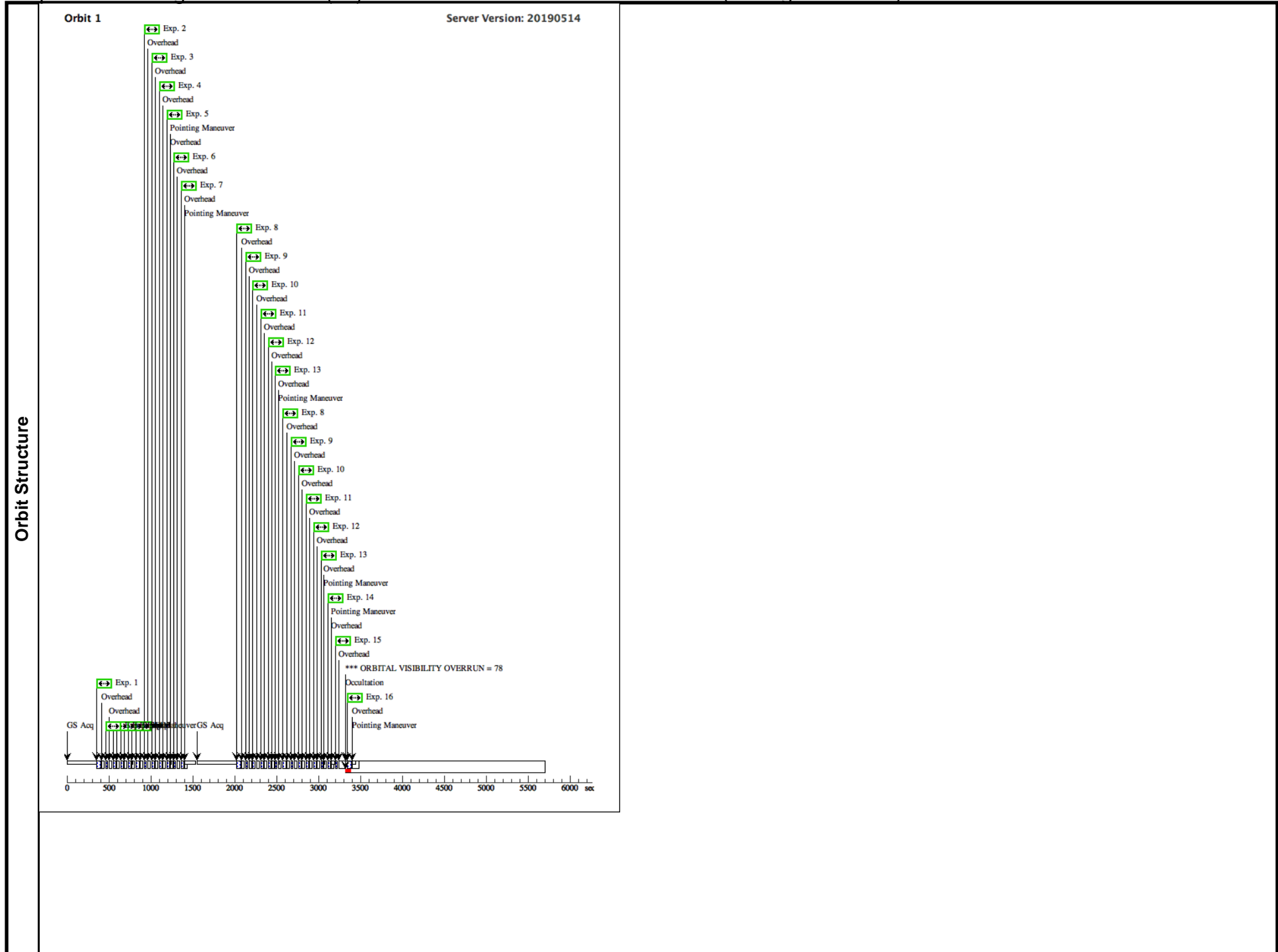
15	G280 reference image (F300X) subarray on chip 2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS	F300X	AMP=D; SIZEAXIS2=768; CENTERAXIS2=1026; FLASH=12.0	POS TARG 0.0,-50.		1.0 Secs (1 Secs) [==>]	[1]
<p>Comments: Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
16	G280 image, chip2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS	G280	SIZEAXIS2=768; CENTERAXIS2=1026; AMP=D; FLASH=12.0	POS TARG 0.0,-50.		40. Secs (40 Secs) [==>]	[1]
<p>Comments: Only "UVIS" aperture is allowed with G280, so a postarg is used to move the target to UVIS2. Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
17	F218W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
18	F218W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
19	F225W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
20	F225W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
21	F275W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
22	F275W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - grw - iteration 1 (01) - WFC3 UVIS Contamination Monitor (staring and scans)

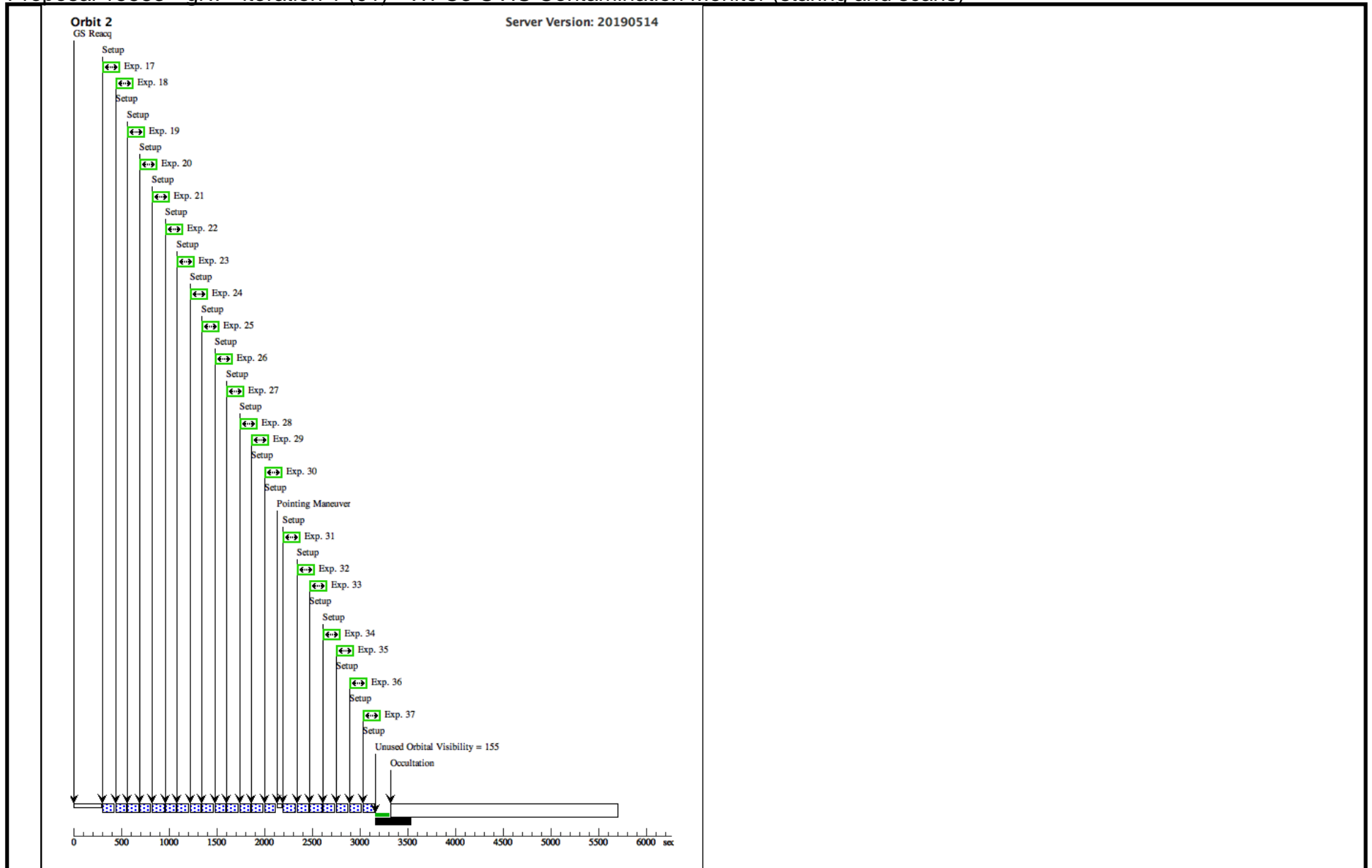
23	F336W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
24	F336W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
25	F438W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
26	F438W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
27	F606W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
28	F606W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
29	F814W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
30	F814W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
31	F218W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - grw - iteration 1 (01) - WFC3 UVIS Contamination Monitor (staring and scans)

32	F225W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
33	F275W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
34	F336W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
35	F438W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
36	F606W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]
37	F814W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 1 (01) Same Obset in Sequence 17-37 Non-Int in grw - iteration 1 (01)	59.9 Secs (59.9 Secs) [==>]	[2]



Proposal 15583 - grw - iteration 1 (01) - WFC3 UVIS Contamination Monitor (staring and scans)



Proposal 15583 - gd153 - iteration 2 (02) - WFC3 UVIS Contamination Monitor (staring and scans)

Tue Jul 16 21:05:17 GMT 2019

Visit	Proposal 15583, gd153 - iteration 2 (02), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 50%: BETWEEN 15-MAY-2019:00:00:00 AND 25-MAY-2019:00:00:00					
	Diagnosics (gd153 - iteration 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 2 (02)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 2 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (F218W UVIS2 I (02.017)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS2 I (02.019)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS2 I (02.021)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS2 I (02.023)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS2 I (02.025)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS2 I (02.027)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS2 I (02.029)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F218W UVIS1 I (02.031)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS1 I (02.032)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS1 I (02.033)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS1 I (02.034)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS1 I (02.035)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS1 I (02.036)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Patterns	#	Primary Pattern	Secondary Pattern	Exposures		
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-4), (8-12)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	GD153	RA: 12 57 2.3370 (194.2597375d) Dec: +22 01 52.68 (22.03130d) Equinox: J2000	Proper Motion RA: -46 mas/yr Proper Motion Dec: -204 mas/yr Epoch of Position: 2000	V=13.4	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[DA]						

Proposal 15583 - gd153 - iteration 2 (02) - WFC3 UVIS Contamination Monitor (staring and scans)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F218W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; FLASH=12.	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-4 in gd153 - iteration 2 (02) (1)	12.4 Secs (24.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F225W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-4 in gd153 - iteration 2 (02) (1)	5.0 Secs (10 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F275W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-4 in gd153 - iteration 2 (02) (1)	5.4 Secs (10.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F438W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-4 in gd153 - iteration 2 (02) (1)	5.5 Secs (11 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F814W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; FLASH=12.			11.5 Secs (11.5 Secs) [==>]	[1]
	6	F336W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; FLASH=12.			4.5 Secs (4.5 Secs) [==>]	[1]
	7	F606W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; FLASH=12.			3.0 Secs (3 Secs) [==>]	[1]
	8	F218W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in gd153 - iteration 2 (02) (1)	12.4 Secs (24.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F225W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in gd153 - iteration 2 (02) (1)	5.0 Secs (10 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	10	F275W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in gd153 - iteration 2 (02) (1)	5.4 Secs (10.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F438W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in gd153 - iteration 2 (02) (1)	5.5 Secs (11 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	12	F814W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in gd153 - iteration 2 (02) (1)	11.5 Secs (23 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	13	F606W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; FLASH=12.			3.0 Secs (3 Secs) [==>]	[1]
	14	F336W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; FLASH=12.0			4.5 Secs (4.5 Secs) [==>]	[1]

Proposal 15583 - gd153 - iteration 2 (02) - WFC3 UVIS Contamination Monitor (staring and scans)

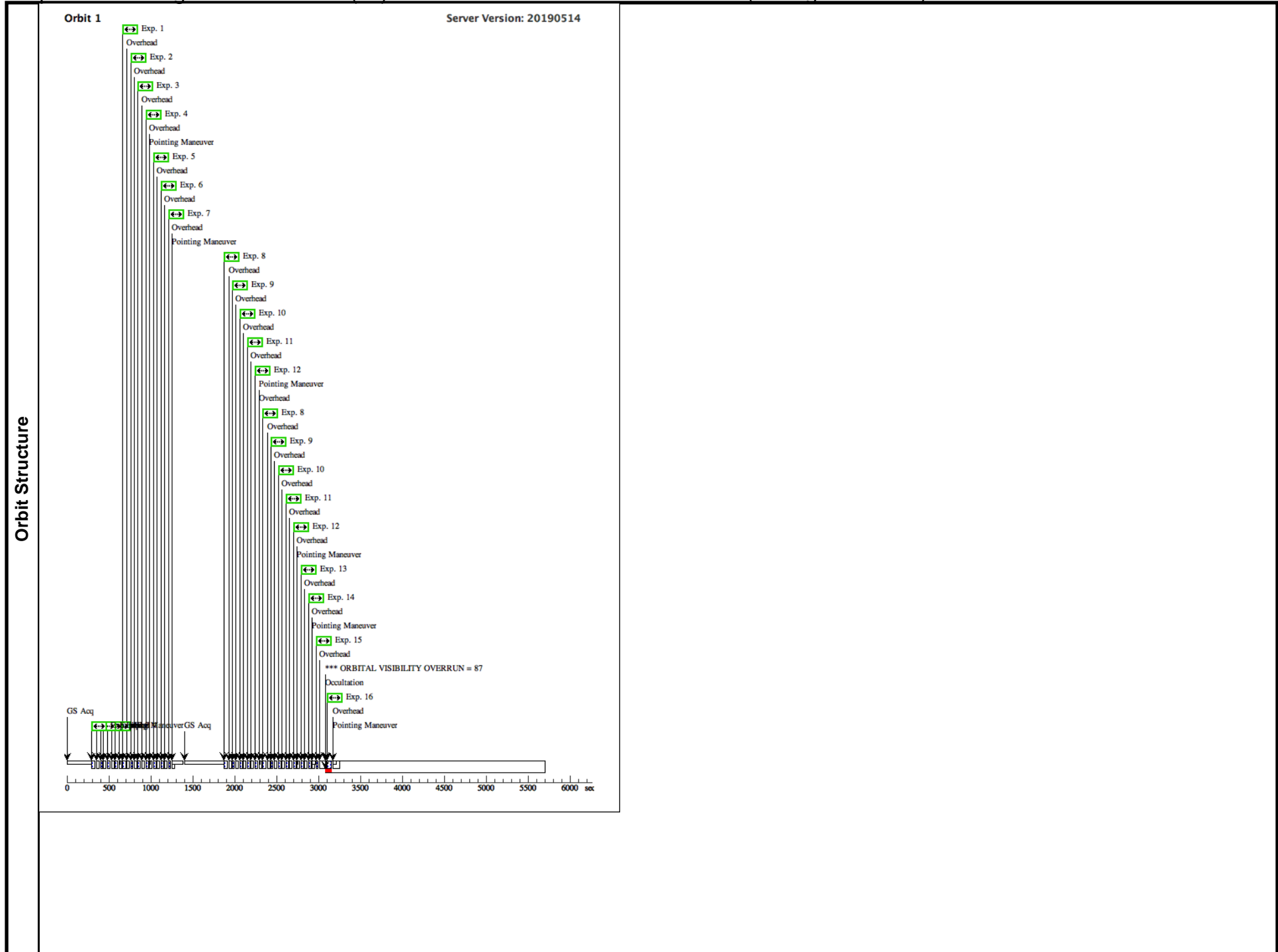
15	G280 reference image (F300X) subarray on chip 2 (2) GD153	WFC3/UVIS, ACCUM, UVIS	F300X	AMP=D; SIZEAXIS2=768; CENTERAXIS2=1026; FLASH=12.0	POS TARG 0.0,-50.		1.0 Secs (1 Secs) [==>]	[1]
<p>Comments: Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>								
16	G280 image, chip2 (2) GD153	WFC3/UVIS, ACCUM, UVIS	G280	SIZEAXIS2=768; CENTERAXIS2=1026; AMP=D; FLASH=12.0	POS TARG 0.0,-50.		40. Secs (40 Secs) [==>]	[1]
<p>Comments: Only "UVIS" aperture is allowed with G280, so a postarg is used to move the target to UVIS2. Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>								
17	F218W UVI S2 I (2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward; GS ACQ SCENARIO BASE1BE	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
18	F218W UVI S2 I (2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
19	F225W UVI S2 I (2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
20	F225W UVI S2 I (2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
21	F275W UVI S2 I (2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - gd153 - iteration 2 (02) - WFC3 UVIS Contamination Monitor (staring and scans)

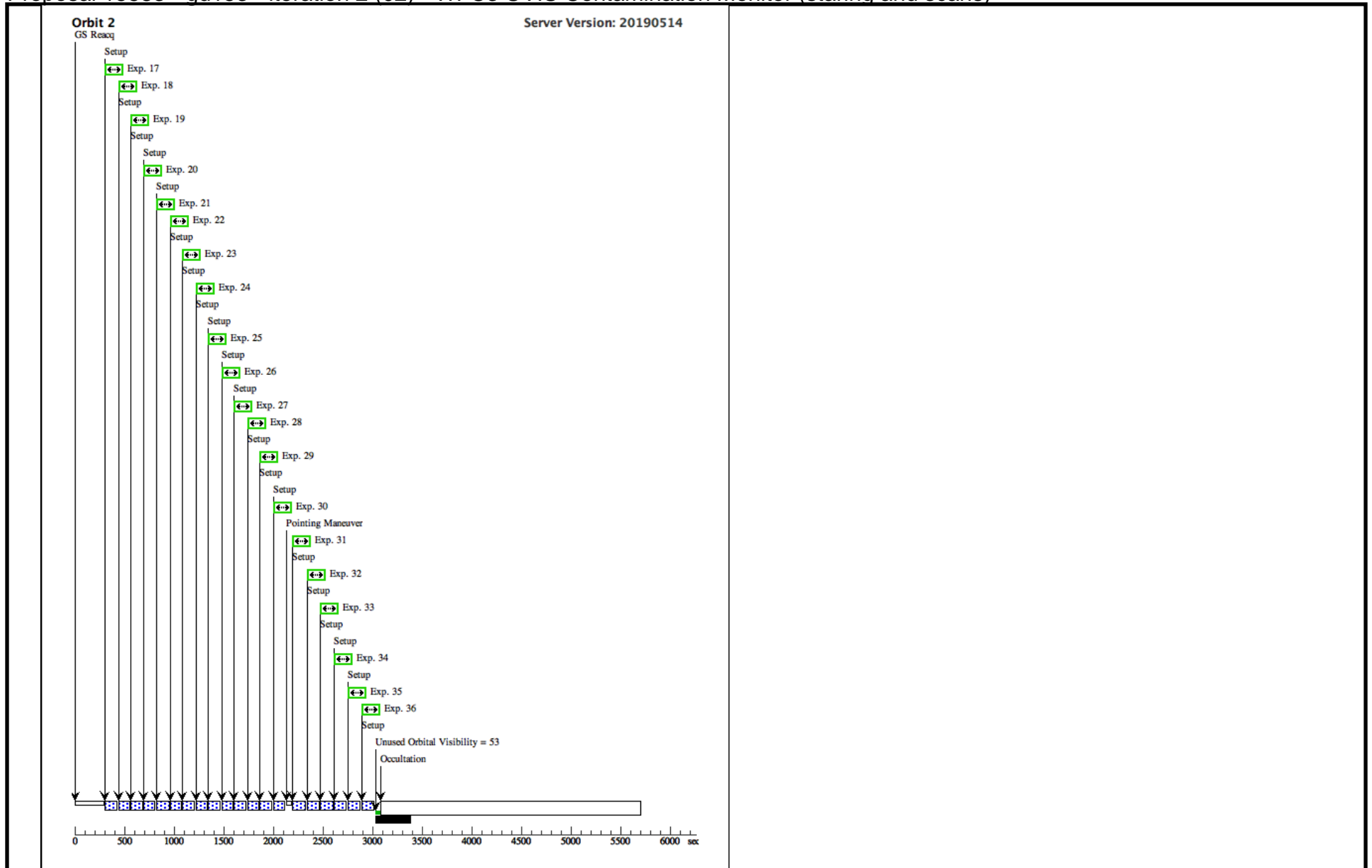
22	F275W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
23	F336W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
24	F336W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
25	F438W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
26	F438W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
27	F606W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
28	F606W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
29	F814W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - gd153 - iteration 2 (02) - WFC3 UVIS Contamination Monitor (staring and scans)

30	F814W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
31	F218W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
32	F225W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
33	F275W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
34	F336W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
35	F438W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]
36	F606W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-36 Non-Int in gd153 - iteration 2 (02) Same Obset in Sequence 17-36 Non-Int in gd153 - iteration 2 (02)	59.9 Secs (59.9 Secs) [==>]	[2]



Proposal 15583 - gd153 - iteration 2 (02) - WFC3 UVIS Contamination Monitor (staring and scans)



Proposal 15583 - grw - iteration 3 (03) - WFC3 UVIS Contamination Monitor (staring and scans)

Tue Jul 16 21:05:17 GMT 2019

Visit	Proposal 15583, grw - iteration 3 (03), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 50%; BETWEEN 05-MAR-2019 AND 15-MAR-2019 <i>Comments: target visibility ends Apr 11</i>															
	(grw - iteration 3 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 3 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 3 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 3 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 3 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 3 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 3 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 3 (03)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (F218W UVIS2 I (03.017)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS2 I (03.019)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS2 I (03.021)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS2 I (03.023)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS2 I (03.025)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS2 I (03.027)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS2 I (03.029)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F218W UVIS1 I (03.031)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS1 I (03.032)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS1 I (03.033)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS1 I (03.034)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS1 I (03.035)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS1 I (03.036)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS1 I (03.037)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser															
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=0.145 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(1-5), (8-12)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-5), (8-12)							
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Fixed Targets	<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>(1)</td> <td>GRW+70D5824 Alt Name1: PRIMARY</td> <td> RA: 13 38 51.1700 (204.7132083d) Dec: +70 17 7.85 (70.28551d) Equinox: J2000 </td> <td> Proper Motion RA: -0.0798 sec of time/yr Proper Motion Dec: -0.0262 arcsec/yr Epoch of Position: 1991.25 </td> <td> V=12.77 B-V = -9.0e-2 </td> <td>Reference Frame: WFPC2 OBSERVATIONS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	GRW+70D5824 Alt Name1: PRIMARY	RA: 13 38 51.1700 (204.7132083d) Dec: +70 17 7.85 (70.28551d) Equinox: J2000	Proper Motion RA: -0.0798 sec of time/yr Proper Motion Dec: -0.0262 arcsec/yr Epoch of Position: 1991.25	V=12.77 B-V = -9.0e-2	Reference Frame: WFPC2 OBSERVATIONS			
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(1)	GRW+70D5824 Alt Name1: PRIMARY	RA: 13 38 51.1700 (204.7132083d) Dec: +70 17 7.85 (70.28551d) Equinox: J2000	Proper Motion RA: -0.0798 sec of time/yr Proper Motion Dec: -0.0262 arcsec/yr Epoch of Position: 1991.25	V=12.77 B-V = -9.0e-2	Reference Frame: WFPC2 OBSERVATIONS											
<i>Comments: Category=STAR Description=[DA]</i>																

Proposal 15583 - grw - iteration 3 (03) - WFC3 UVIS Contamination Monitor (staring and scans)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
Exposures	1	F218W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; FLASH=12.	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-5 in grw - iteration 3 (03) (1)	17.6 Secs (35.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F225W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in grw - iteration 3 (03) (1)	6.3 Secs (12.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F275W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in grw - iteration 3 (03) (1)	6.0 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F438W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in grw - iteration 3 (03) (1)	3.1 Secs (6.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F606W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in grw - iteration 3 (03) (1)	1.3 Secs (2.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	F814W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; FLASH=12.			6.2 Secs (6.2 Secs) [==>]	[1]
	7	F336W-UVI S1	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; FLASH=12.0			4.0 Secs (4 Secs) [==>]	[1]
	8	F218W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in grw - iteration 3 (03) (1)	17.6 Secs (35.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F225W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 3 (03) (1)	6.3 Secs (12.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	10	F275W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 3 (03) (1)	6.0 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F438W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 3 (03) (1)	3.1 Secs (6.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	12	F814W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in grw - iteration 3 (03) (1)	6.2 Secs (12.4 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	13	F336W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; FLASH=12.0			4.0 Secs (4 Secs) [==>]	[1]
	14	F606W-UVI S2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; FLASH=12.			1.3 Secs (1.3 Secs) [==>]	[1]

Proposal 15583 - grw - iteration 3 (03) - WFC3 UVIS Contamination Monitor (staring and scans)

15	G280 reference image (F300X) subarray on chip 2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS	F300X	AMP=D; SIZEAXIS2=768; CENTERAXIS2=1026; FLASH=12.0	POS TARG 0.0,-50.	1.0 Secs (1 Secs) [==>]	[1]	
<p>Comments: Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
16	G280 image, chip2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS	G280	SIZEAXIS2=768; CENTERAXIS2=1026; AMP=D; FLASH=12.0	POS TARG 0.0,-50.	40. Secs (40 Secs) [==>]	[1]	
<p>Comments: Only "UVIS" aperture is allowed with G280, so a postarg is used to move the target to UVIS2. Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
17	F218W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
18	F218W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
19	F225W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
20	F225W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
21	F275W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
22	F275W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]

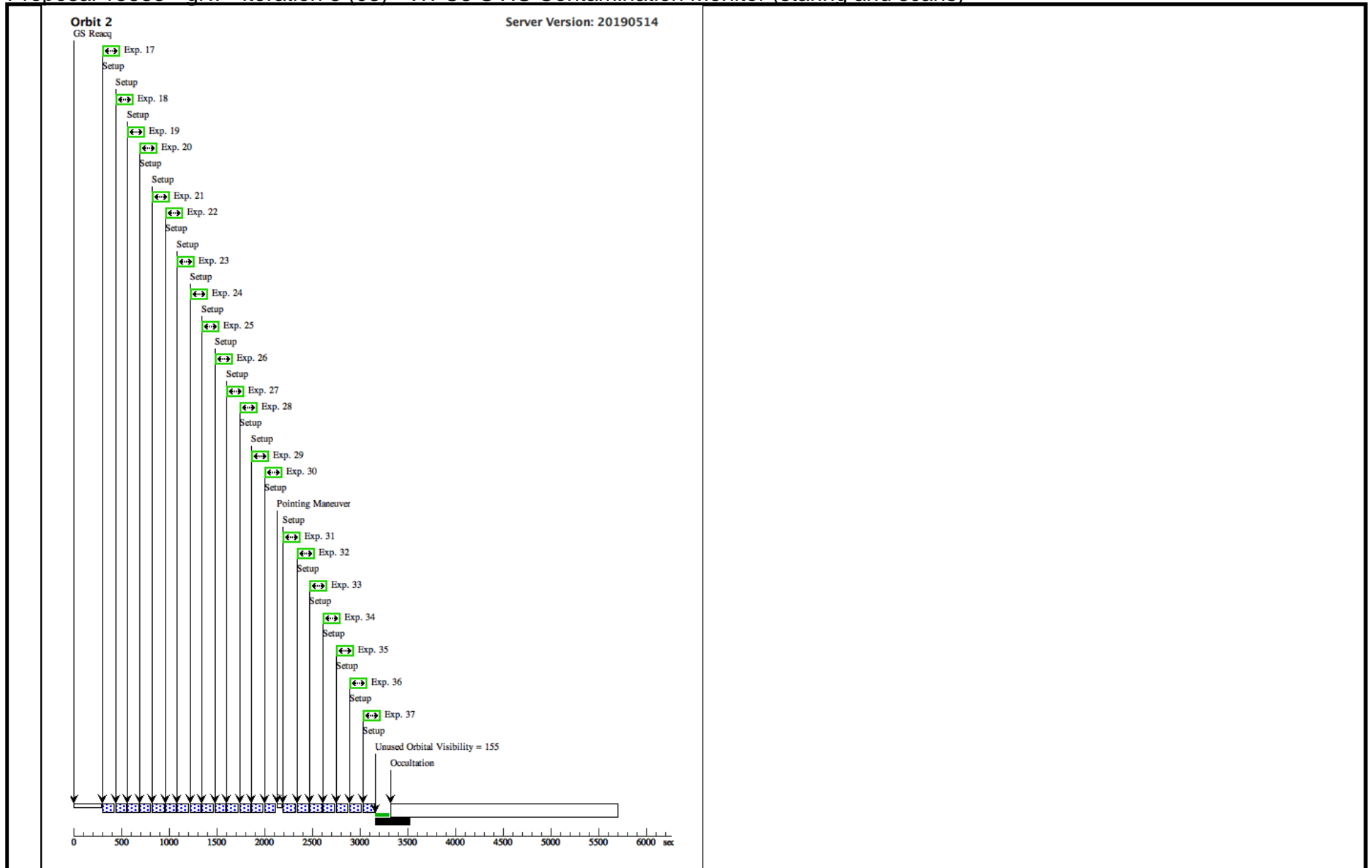
Proposal 15583 - grw - iteration 3 (03) - WFC3 UVIS Contamination Monitor (staring and scans)

23	F336W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
24	F336W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
25	F438W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
26	F438W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
27	F606W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
28	F606W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
29	F814W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
30	F814W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
31	F218W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - grw - iteration 3 (03) - WFC3 UVIS Contamination Monitor (staring and scans)

32	F225W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
33	F275W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
34	F336W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
35	F438W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
36	F606W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]
37	F814W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 3 (03) Same Obset in Sequence 17-37 Non-Int in grw - iteration 3 (03)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - grw - iteration 3 (03) - WFC3 UVIS Contamination Monitor (staring and scans)



Proposal 15583 - gd153 - iteration 4 (04) - WFC3 UVIS Contamination Monitor (staring and scans)

Tue Jul 16 21:05:18 GMT 2019

Visit	Proposal 15583, gd153 - iteration 4 (04), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 50%; BETWEEN 05-APR-2019 AND 15-APR-2019															
	(gd153 - iteration 4 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 4 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 4 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 4 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 4 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 4 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 4 (04)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 4 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (F218W UVIS2 I (04.015)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS2 I (04.017)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS2 I (04.019)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS2 I (04.021)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS2 I (04.023)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS2 I (04.025)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS2 I (04.027)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F218W UVIS1 I (04.029)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS1 I (04.030)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS1 I (04.031)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS1 I (04.032)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS1 I (04.033)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS1 I (04.034)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser															
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=0.145 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(1-5), (8-13)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-5), (8-13)							
	#	Primary Pattern	Secondary Pattern	Exposures												
(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-5), (8-13)													
Fixed Targets	<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>GD153</td> <td> RA: 12 57 2.3370 (194.2597375d) Dec: +22 01 52.68 (22.03130d) Equinox: J2000 </td> <td> Proper Motion RA: -46 mas/yr Proper Motion Dec: -204 mas/yr Epoch of Position: 2000 </td> <td>V=13.4</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	GD153	RA: 12 57 2.3370 (194.2597375d) Dec: +22 01 52.68 (22.03130d) Equinox: J2000	Proper Motion RA: -46 mas/yr Proper Motion Dec: -204 mas/yr Epoch of Position: 2000	V=13.4	Reference Frame: ICRS			
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous										
(2)	GD153	RA: 12 57 2.3370 (194.2597375d) Dec: +22 01 52.68 (22.03130d) Equinox: J2000	Proper Motion RA: -46 mas/yr Proper Motion Dec: -204 mas/yr Epoch of Position: 2000	V=13.4	Reference Frame: ICRS											
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[DA]																

Proposal 15583 - gd153 - iteration 4 (04) - WFC3 UVIS Contamination Monitor (staring and scans)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F218W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; FLASH=12.	GS ACQ SCENARIO BASE1B3	Pattern 1, Exps 1-5 in gd153 - iteration 4 (04) (1)	12.4 Secs (24.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F225W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in gd153 - iteration 4 (04) (1)	5.0 Secs (10 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F275W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in gd153 - iteration 4 (04) (1)	5.4 Secs (10.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F438W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in gd153 - iteration 4 (04) (1)	5.5 Secs (11 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F814W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in gd153 - iteration 4 (04) (1)	11.5 Secs (23 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	F336W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; FLASH=12.			4.5 Secs (4.5 Secs) [==>]	[1]
	7	F606W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; FLASH=12.			3.0 Secs (3 Secs) [==>]	[1]
	8	F218W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-13 in gd153 - iteration 4 (04) (1)	12.4 Secs (24.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F225W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-13 in gd153 - iteration 4 (04) (1)	5.0 Secs (10 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	10	F275W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-13 in gd153 - iteration 4 (04) (1)	5.4 Secs (10.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F438W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-13 in gd153 - iteration 4 (04) (1)	5.5 Secs (11 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	12	F606W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-13 in gd153 - iteration 4 (04) (1)	3.0 Secs (6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	13	F814W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-13 in gd153 - iteration 4 (04) (1)	11.5 Secs (23 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	14	F336W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; FLASH=12.0			4.5 Secs (4.5 Secs) [==>]	[1]

Proposal 15583 - gd153 - iteration 4 (04) - WFC3 UVIS Contamination Monitor (staring and scans)

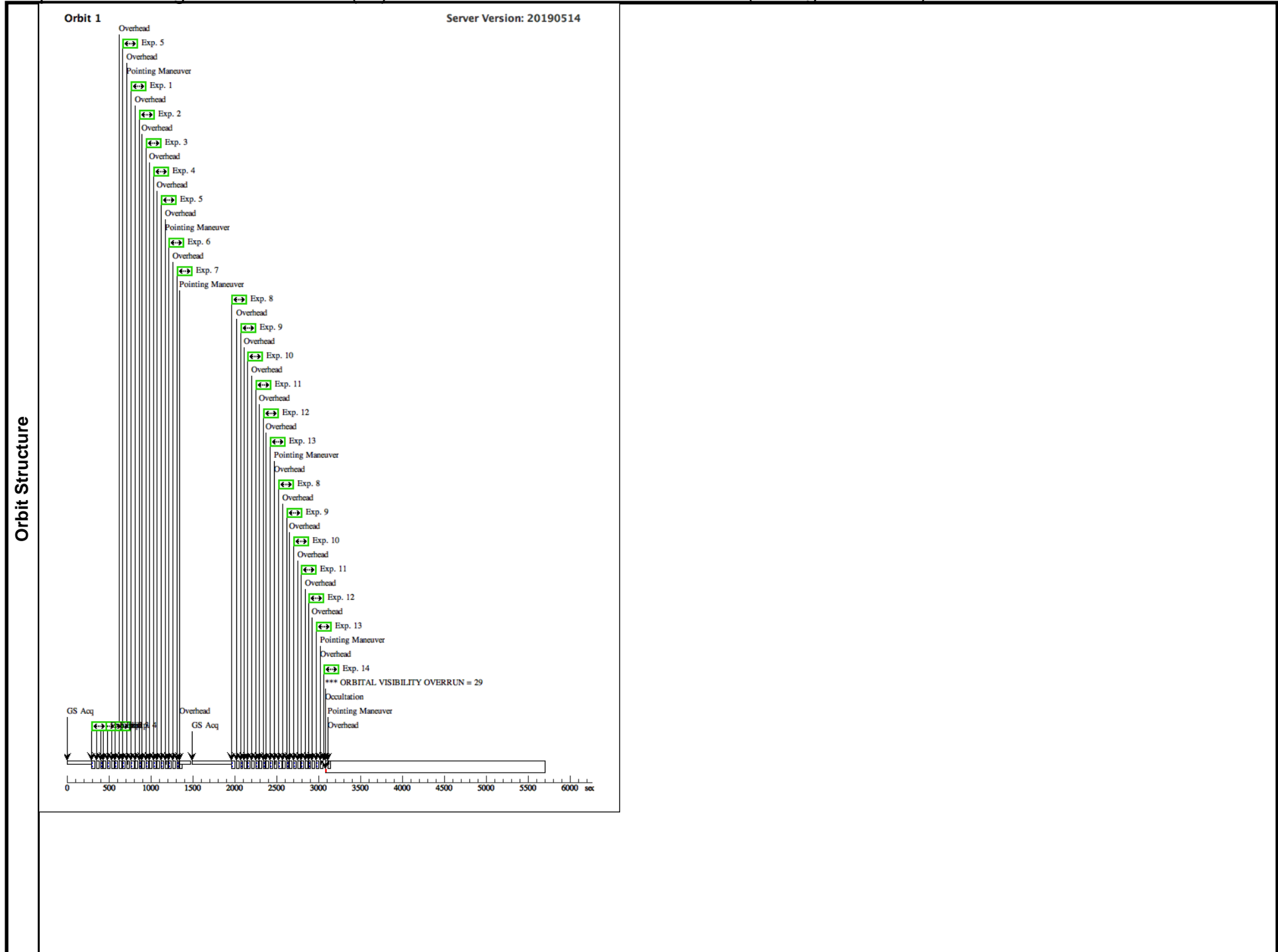
15	F218W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward; GS ACQ SCENARI O BASE1BE	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
16	F218W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
17	F225W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
18	F225W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
19	F275W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
20	F275W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
21	F336W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
22	F336W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - gd153 - iteration 4 (04) - WFC3 UVIS Contamination Monitor (staring and scans)

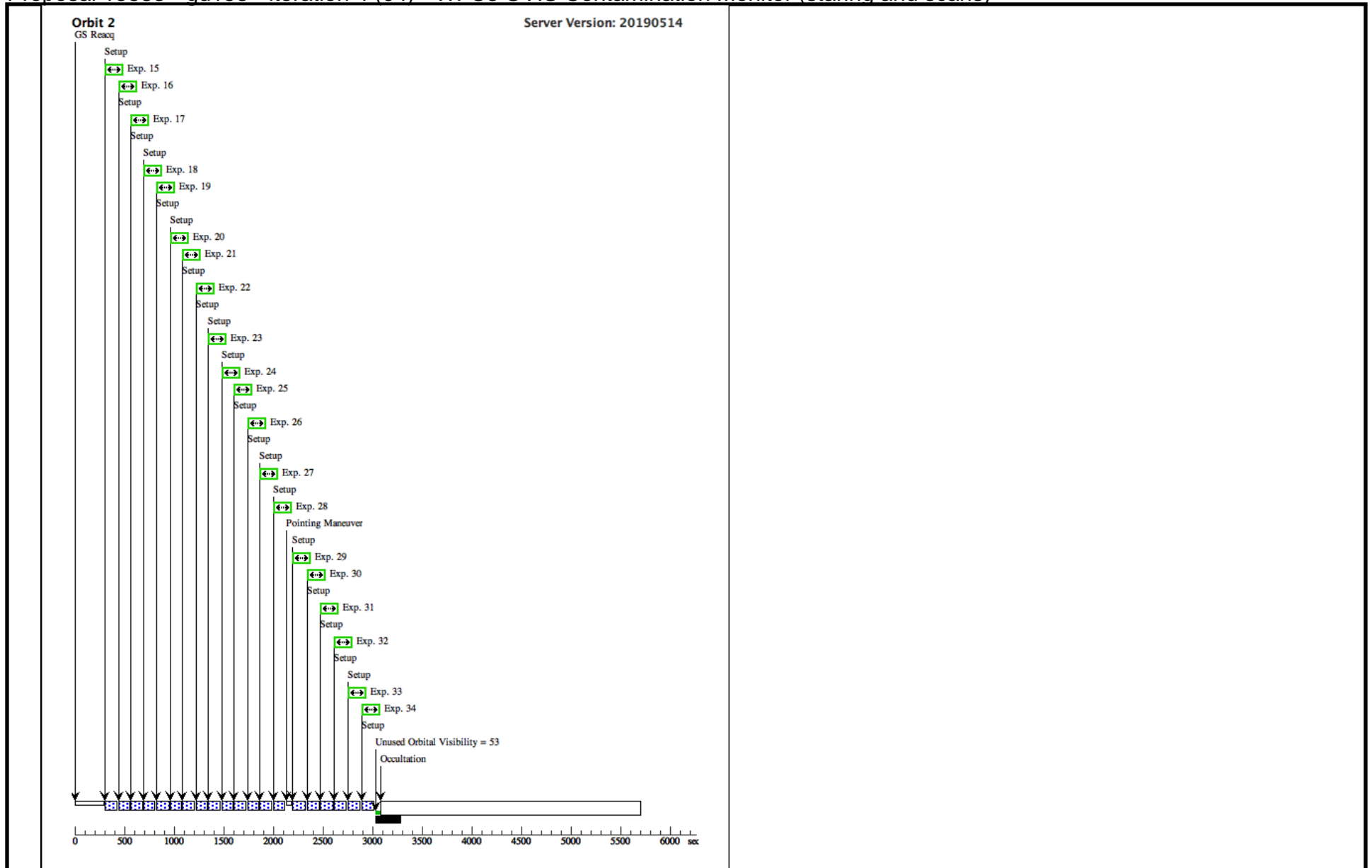
23	F438W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
24	F438W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
25	F606W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
26	F606W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
27	F814W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
28	F814W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
29	F218W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
30	F225W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - gd153 - iteration 4 (04) - WFC3 UVIS Contamination Monitor (staring and scans)

31	F275W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
32	F336W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
33	F438W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]
34	F606W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 4 (04) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 4 (0 4)	59.9 Secs (59.9 Secs) [==>]	[2]



Proposal 15583 - gd153 - iteration 4 (04) - WFC3 UVIS Contamination Monitor (staring and scans)



Proposal 15583 - grw - iteration 5 (05) - WFC3 UVIS Contamination Monitor (staring and scans)

Tue Jul 16 21:05:18 GMT 2019

Visit	Proposal 15583, grw - iteration 5 (05), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 50%: BETWEEN 28-SEP-2019:00:00:00 AND 07-OCT-2019:00:00:00						
	Diagnostics	(grw - iteration 5 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 5 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 5 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 5 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 5 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 5 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 5 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 5 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 5 (05)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 5 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (grw - iteration 5 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (F218W UVIS2 I (05.017)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS2 I (05.019)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS2 I (05.021)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS2 I (05.023)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS2 I (05.025)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS2 I (05.027)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS2 I (05.029)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F218W UVIS1 I (05.031)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS1 I (05.032)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS1 I (05.033)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS1 I (05.034)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS1 I (05.035)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS1 I (05.036)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS1 I (05.037)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Patterns		#	Primary Pattern	Secondary Pattern	Exposures		
		(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-7), (8-12)	
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(1)	GRW+70D5824 Alt Name1: PRIMARY	RA: 13 38 51.1700 (204.7132083d) Dec: +70 17 7.85 (70.28551d) Equinox: J2000	Proper Motion RA: -0.0798 sec of time/yr Proper Motion Dec: -0.0262 arcsec/yr Epoch of Position: 1991.25	V=12.77 B-V = -9.0e-2	Reference Frame: WFPC2 OBSERVATIONS
		Comments: Category=STAR Description=[DA]					

Proposal 15583 - grw - iteration 5 (05) - WFC3 UVIS Contamination Monitor (staring and scans)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F218W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-7 in grw - iteration 5 (05) (1)	17.6 Secs (35.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F225W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-7 in grw - iteration 5 (05) (1)	6.3 Secs (12.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F275W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-7 in grw - iteration 5 (05) (1)	6.0 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F336W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 1-7 in grw - iteration 5 (05) (1)	4.0 Secs (8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F438W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-7 in grw - iteration 5 (05) (1)	3.1 Secs (6.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	F606W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-7 in grw - iteration 5 (05) (1)	1.3 Secs (2.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	F814W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-7 in grw - iteration 5 (05) (1)	6.2 Secs (12.4 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	8	F218W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in grw - iteration 5 (05) (1)	17.6 Secs (35.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F225W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 5 (05) (1)	6.3 Secs (12.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	10	F275W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 5 (05) (1)	6.0 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F438W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 5 (05) (1)	3.1 Secs (6.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	12	F814W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in grw - iteration 5 (05) (1)	6.2 Secs (12.4 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	13	F336W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; FLASH=12.0			4.0 Secs (4 Secs) [==>]	[1]
	14	F606W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; FLASH=12.			1.3 Secs (1.3 Secs) [==>]	[1]

Proposal 15583 - grw - iteration 5 (05) - WFC3 UVIS Contamination Monitor (staring and scans)

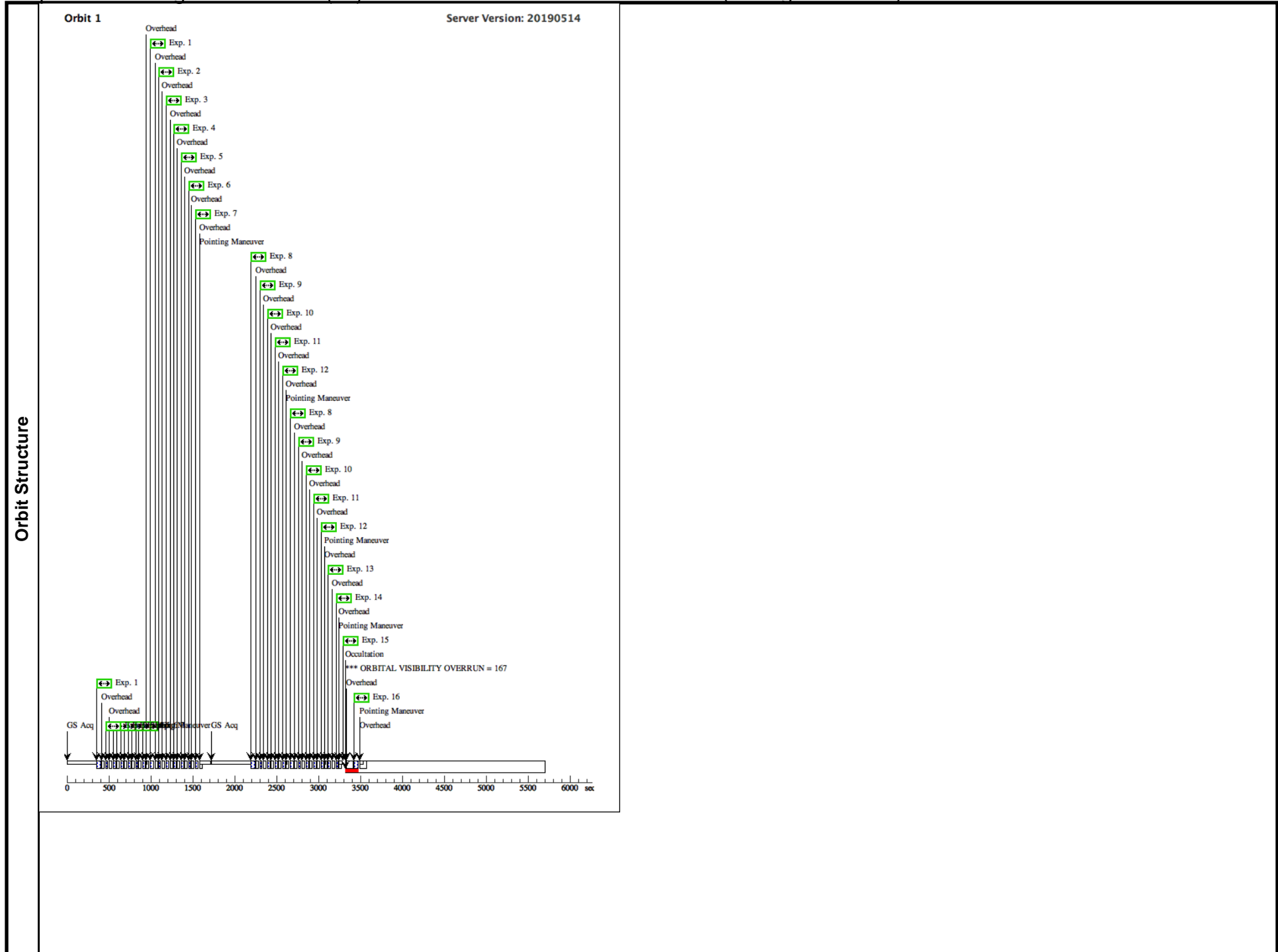
15	G280 reference image (F300X) subarray on chip 2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS	F300X	AMP=D; SIZEAXIS2=768; CENTERAXIS2=1026; FLASH=12.0	POS TARG 0.0,-50.	1.0 Secs (1 Secs) [==>]	[1]	
<p>Comments: Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
16	G280 image, chip2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS	G280	SIZEAXIS2=768; CENTERAXIS2=1026; AMP=D; FLASH=12.0	POS TARG 0.0,-50.	40. Secs (40 Secs) [==>]	[1]	
<p>Comments: Only "UVIS" aperture is allowed with G280, so a postarg is used to move the target to UVIS2. Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
17	F218W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward; GS ACQ SCENARIO BASE1BE	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
18	F218W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
19	F225W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
20	F225W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
21	F275W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
22	F275W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - grw - iteration 5 (05) - WFC3 UVIS Contamination Monitor (staring and scans)

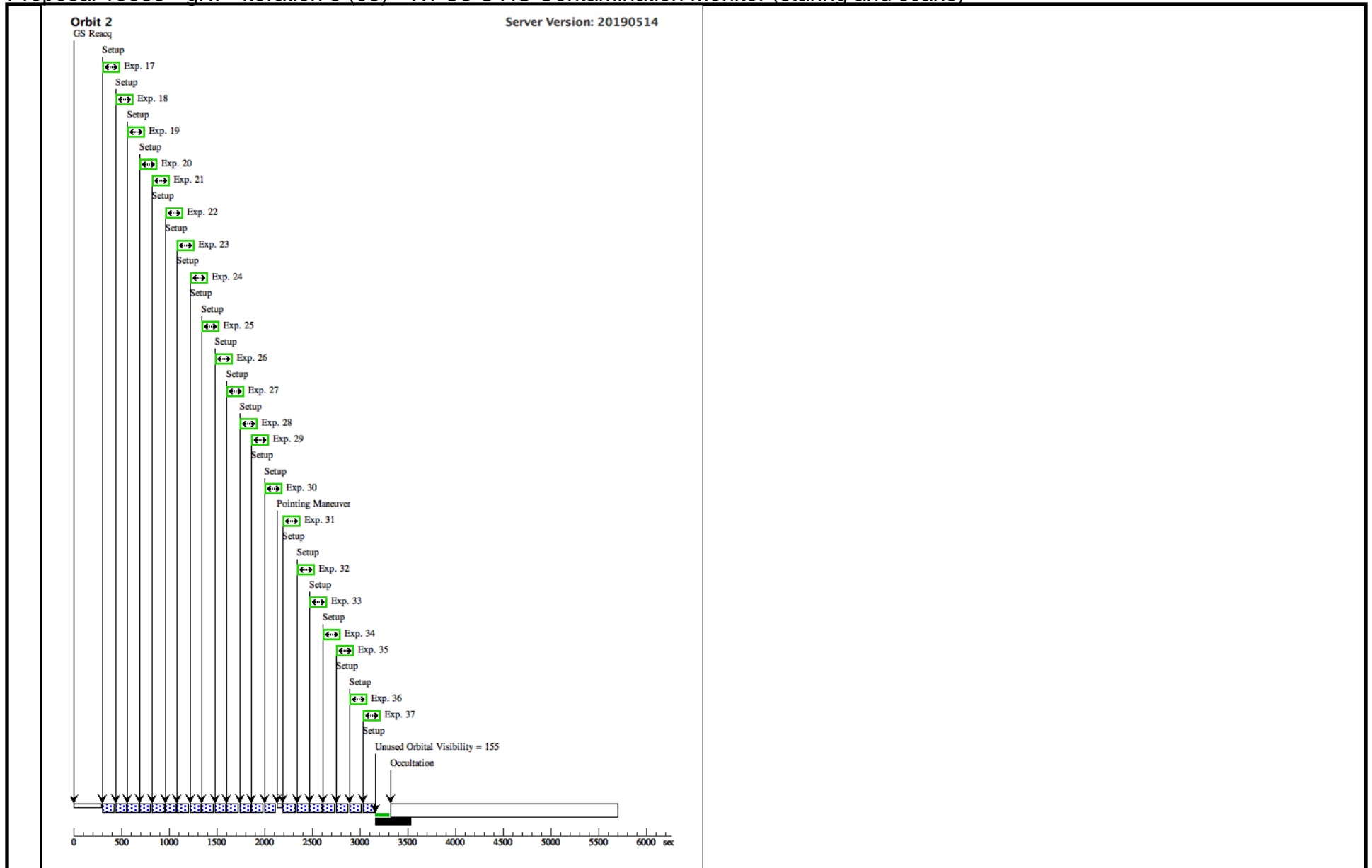
23	F336W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
24	F336W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
25	F438W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
26	F438W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
27	F606W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
28	F606W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
29	F814W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
30	F814W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
31	F218W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - grw - iteration 5 (05) - WFC3 UVIS Contamination Monitor (staring and scans)

32	F225W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
33	F275W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
34	F336W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
35	F438W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
36	F606W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]
37	F814W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 5 (05) Same Obset in Sequence 17-37 Non-Int in grw - iteration 5 (05)	59.9 Secs (59.9 Secs) [==>]	[2]



Proposal 15583 - grw - iteration 5 (05) - WFC3 UVIS Contamination Monitor (staring and scans)



Proposal 15583 - gd153 - iteration 6 (06) - WFC3 UVIS Contamination Monitor (staring and scans)

Tue Jul 16 21:05:18 GMT 2019

Visit	Proposal 15583, gd153 - iteration 6 (06), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 50%; BETWEEN 12-JUN-2019:00:00:00 AND 22-JUN-2019:00:00:00															
	(gd153 - iteration 6 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 6 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 6 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 6 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 6 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 6 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 6 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 6 (06)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 6 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (gd153 - iteration 6 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (gd153 - iteration 6 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (gd153 - iteration 6 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (F218W UVIS2 I (06.017)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS2 I (06.019)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS2 I (06.021)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS2 I (06.023)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS2 I (06.025)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS2 I (06.027)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS2 I (06.029)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F218W UVIS1 I (06.031)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS1 I (06.032)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS1 I (06.033)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS1 I (06.034)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS1 I (06.035)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS1 I (06.036)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS1 I (06.037)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser															
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=0.145 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(1-5), (8-13)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-5), (8-13)							
	#	Primary Pattern	Secondary Pattern	Exposures												
(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-5), (8-13)													
Fixed Targets	<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>GD153</td> <td> RA: 12 57 2.3370 (194.2597375d) Dec: +22 01 52.68 (22.03130d) Equinox: J2000 </td> <td> Proper Motion RA: -46 mas/yr Proper Motion Dec: -204 mas/yr Epoch of Position: 2000 </td> <td>V=13.4</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	GD153	RA: 12 57 2.3370 (194.2597375d) Dec: +22 01 52.68 (22.03130d) Equinox: J2000	Proper Motion RA: -46 mas/yr Proper Motion Dec: -204 mas/yr Epoch of Position: 2000	V=13.4	Reference Frame: ICRS			
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(2)	GD153	RA: 12 57 2.3370 (194.2597375d) Dec: +22 01 52.68 (22.03130d) Equinox: J2000	Proper Motion RA: -46 mas/yr Proper Motion Dec: -204 mas/yr Epoch of Position: 2000	V=13.4	Reference Frame: ICRS											
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[DA]																

Proposal 15583 - gd153 - iteration 6 (06) - WFC3 UVIS Contamination Monitor (staring and scans)

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F218W-UVI S1	(2) GD153	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in gd153 - iteration 6 (06) (1)	12.4 Secs (24.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F225W-UVI S1	(2) GD153	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in gd153 - iteration 6 (06) (1)	5.0 Secs (10 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F275W-UVI S1	(2) GD153	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in gd153 - iteration 6 (06) (1)	5.4 Secs (10.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F438W-UVI S1	(2) GD153	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in gd153 - iteration 6 (06) (1)	5.5 Secs (11 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F606W-UVI S1	(2) GD153	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in gd153 - iteration 6 (06) (1)	3.0 Secs (6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	F336W-UVI S1	(2) GD153	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; FLASH=12.			4.5 Secs (4.5 Secs) [==>]	[1]
	7	F814W-UVI S1	(2) GD153	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; FLASH=12.			11.5 Secs (11.5 Secs) [==>]	[1]
	8	F218W-UVI S2	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-13 in gd153 - iteration 6 (06) (1)	12.4 Secs (24.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F225W-UVI S2	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-13 in gd153 - iteration 6 (06) (1)	5.0 Secs (10 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	10	F275W-UVI S2	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-13 in gd153 - iteration 6 (06) (1)	5.4 Secs (10.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F438W-UVI S2	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-13 in gd153 - iteration 6 (06) (1)	5.5 Secs (11 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	12	F606W-UVI S2	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-13 in gd153 - iteration 6 (06) (1)	3.0 Secs (6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	13	F814W-UVI S2	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-13 in gd153 - iteration 6 (06) (1)	11.5 Secs (23 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
14	F336W-UVI S2	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; FLASH=12.0			4.5 Secs (4.5 Secs) [==>]	[1]	

Proposal 15583 - gd153 - iteration 6 (06) - WFC3 UVIS Contamination Monitor (staring and scans)

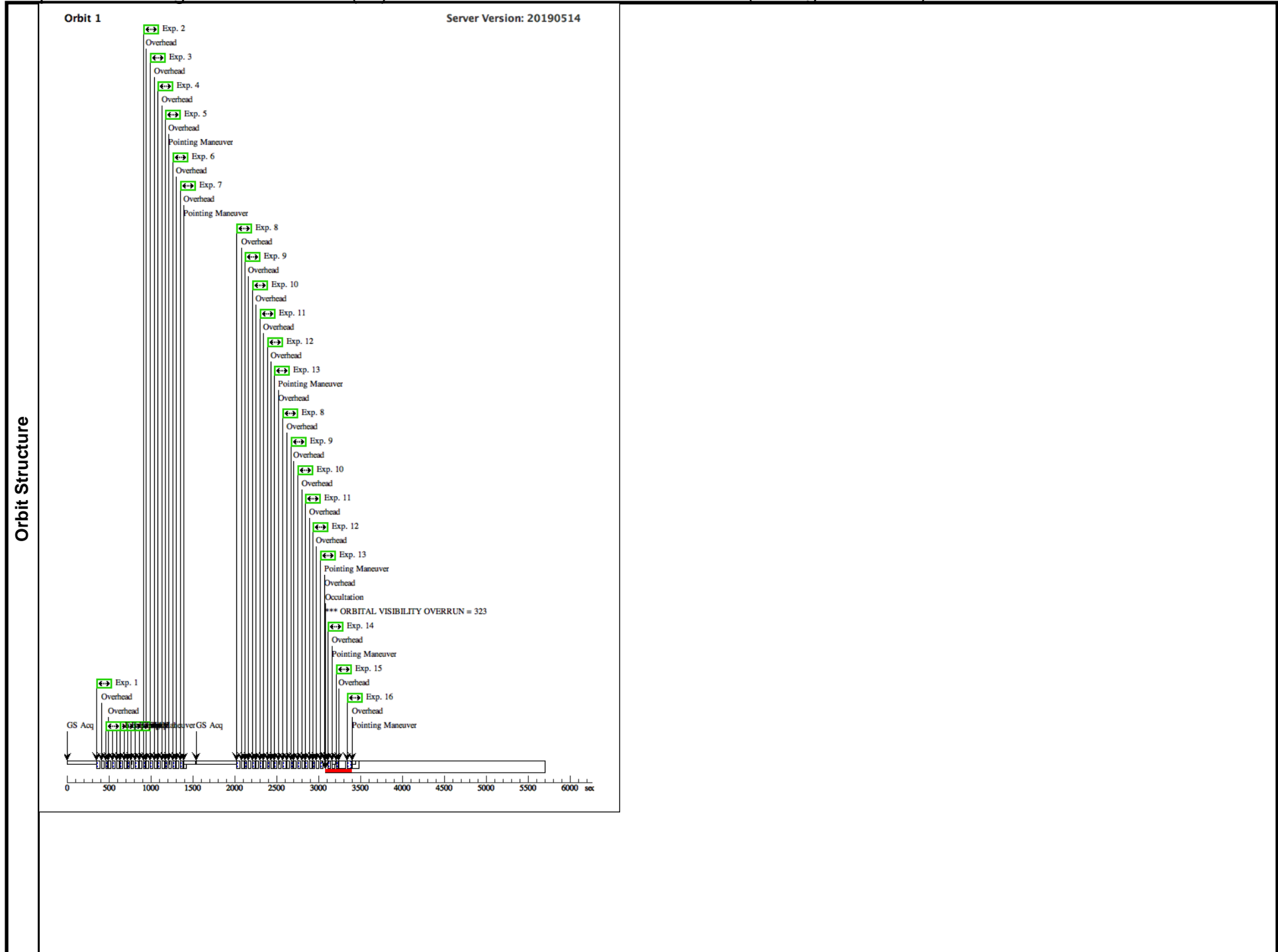
15	G280 reference image (F300X) subarray on chip 2	(2) GD153	WFC3/UVIS, ACCUM, UVIS	F300X	AMP=D; SIZEAXIS2=768; CENTERAXIS2=1026; FLASH=12.0	POS TARG 0.0,-50.	1.0 Secs (1 Secs) [==>]	[1]	
<p>Comments: Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
16	G280 image, chip2	(2) GD153	WFC3/UVIS, ACCUM, UVIS	G280	SIZEAXIS2=768; CENTERAXIS2=1026; AMP=D; FLASH=12.0	POS TARG 0.0,-50.	40. Secs (40 Secs) [==>]	[1]	
<p>Comments: Only "UVIS" aperture is allowed with G280, so a postarg is used to move the target to UVIS2. Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
17	F218W UVI S2 I	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward; GS ACQ SCENARIO BASE1BE	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
18	F218W UVI S2 I	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
19	F225W UVI S2 I	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
20	F225W UVI S2 I	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
21	F275W UVI S2 I	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - gd153 - iteration 6 (06) - WFC3 UVIS Contamination Monitor (staring and scans)

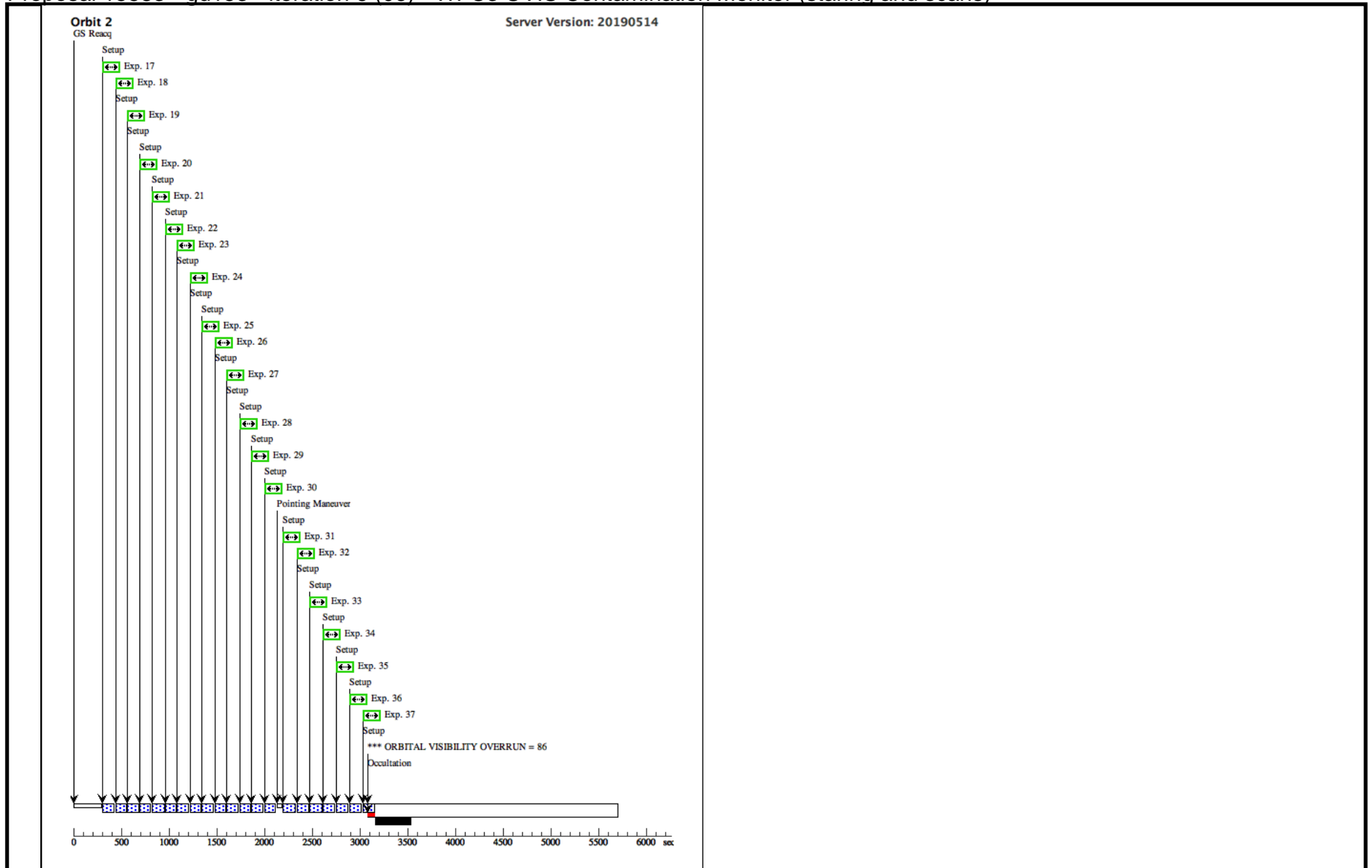
22	F275W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
23	F336W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
24	F336W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
25	F438W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
26	F438W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
27	F606W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
28	F606W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
29	F814W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - gd153 - iteration 6 (06) - WFC3 UVIS Contamination Monitor (staring and scans)

30	F814W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
31	F218W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
32	F225W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
33	F275W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
34	F336W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
35	F438W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
36	F606W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]
37	F814W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 6 (06) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 6 (06)	59.9 Secs (59.9 Secs) [==>]	[2]



Proposal 15583 - gd153 - iteration 6 (06) - WFC3 UVIS Contamination Monitor (staring and scans)



Proposal 15583 - gd153 - iteration 7 (07) - WFC3 UVIS Contamination Monitor (staring and scans)

Tue Jul 16 21:05:18 GMT 2019

Visit	Proposal 15583, gd153 - iteration 7 (07), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 50%; BETWEEN 21-JUL-2019 AND 01-AUG-2019:00:00:00 <i>Comments: No GD153 visibility Aug 12-Nov 22 so doing Aug iteration with GD, Sep/Oct iterations with GRW.</i>						
	Diagnostics	(gd153 - iteration 7 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 7 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 7 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 7 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 7 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 7 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 7 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 7 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 7 (07)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 7 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (gd153 - iteration 7 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (gd153 - iteration 7 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (gd153 - iteration 7 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (F218W UVIS2 I (07.017)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS2 I (07.019)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS2 I (07.021)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS2 I (07.023)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS2 I (07.025)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS2 I (07.027)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS2 I (07.029)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F218W UVIS1 I (07.031)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS1 I (07.032)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS1 I (07.033)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS1 I (07.034)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS1 I (07.035)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS1 I (07.036)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS1 I (07.037)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Patterns		#	Primary Pattern	Secondary Pattern	Exposures		
		(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-6), (8-12)		
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(2)	GD153	RA: 12 57 2.3370 (194.2597375d) Dec: +22 01 52.68 (22.03130d) Equinox: J2000	Proper Motion RA: -46 mas/yr Proper Motion Dec: -204 mas/yr Epoch of Position: 2000	V=13.4	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=STAR Description=[DA]							

Proposal 15583 - gd153 - iteration 7 (07) - WFC3 UVIS Contamination Monitor (staring and scans)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F218W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 7 (07) (1)	12.4 Secs (24.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F225W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 7 (07) (1)	5.0 Secs (10 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F275W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 7 (07) (1)	5.4 Secs (10.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F438W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 7 (07) (1)	5.5 Secs (11 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F606W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 7 (07) (1)	3.0 Secs (6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	F814W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 7 (07) (1)	11.5 Secs (23 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	F336W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; FLASH=12.			4.5 Secs (4.5 Secs) [==>]	[1]
	8	F218W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in gd153 - iteration 7 (07) (1)	12.4 Secs (24.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F225W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in gd153 - iteration 7 (07) (1)	5.0 Secs (10 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	10	F275W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in gd153 - iteration 7 (07) (1)	5.4 Secs (10.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F438W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in gd153 - iteration 7 (07) (1)	5.5 Secs (11 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	12	F606W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in gd153 - iteration 7 (07) (1)	3.0 Secs (6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	13	F336W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; FLASH=12.0			4.5 Secs (4.5 Secs) [==>]	[1]
	14	F814W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; FLASH=12.			11.5 Secs (11.5 Secs) [==>]	[1]

Proposal 15583 - gd153 - iteration 7 (07) - WFC3 UVIS Contamination Monitor (staring and scans)

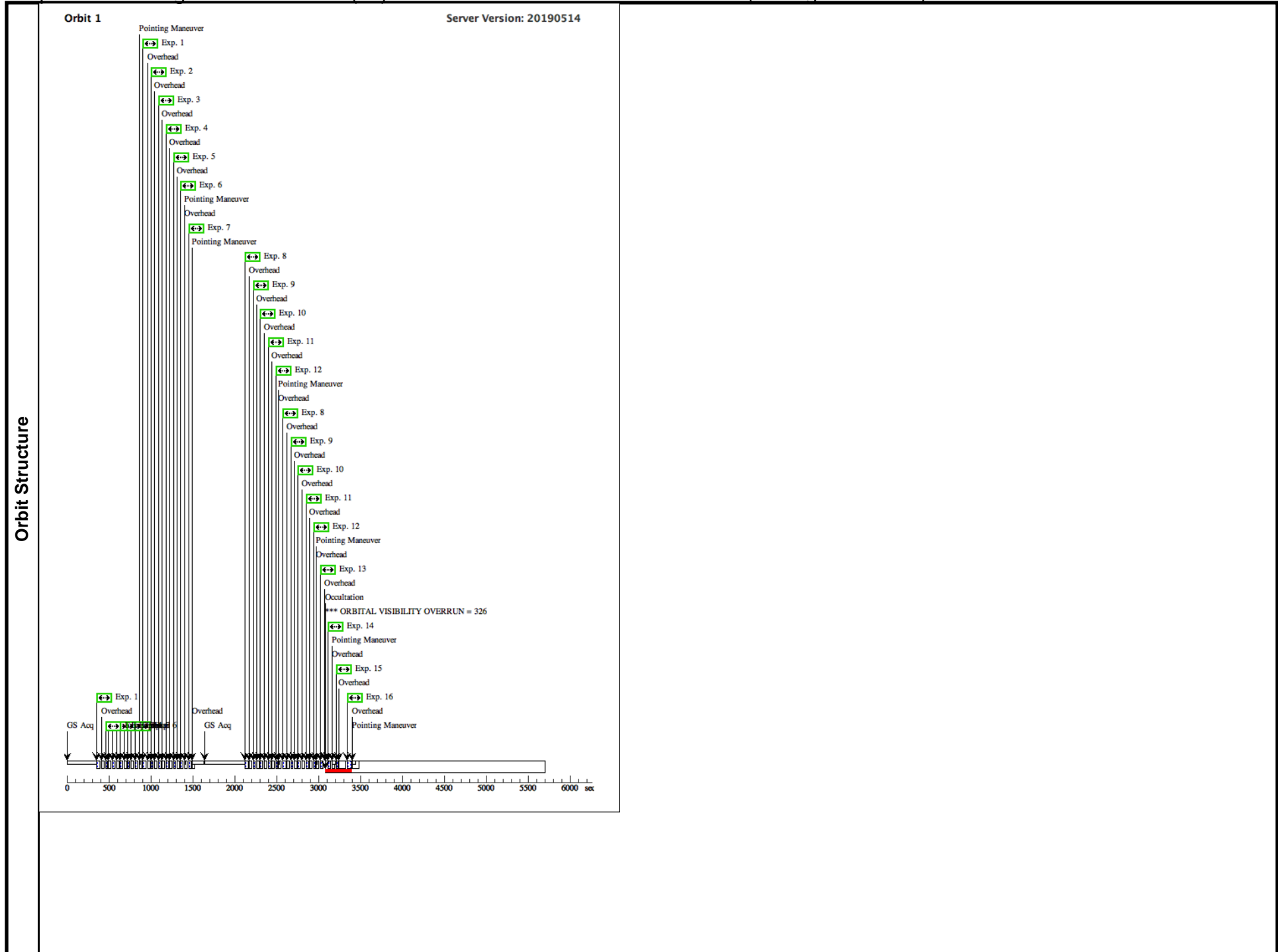
15	G280 reference image (F300X) subarray on chip 2	(2) GD153	WFC3/UVIS, ACCUM, UVIS	F300X	AMP=D; SIZEAXIS2=768; CENTERAXIS2=1026; FLASH=12.0	POS TARG 0.0,-50.	1.0 Secs (1 Secs) [==>]	[1]	
<p>Comments: Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
16	G280 image, chip2	(2) GD153	WFC3/UVIS, ACCUM, UVIS	G280	SIZEAXIS2=768; CENTERAXIS2=1026; AMP=D; FLASH=12.0	POS TARG 0.0,-50.	40. Secs (40 Secs) [==>]	[1]	
<p>Comments: Only "UVIS" aperture is allowed with G280, so a postarg is used to move the target to UVIS2. Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
17	F218W UVI S2 I	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward; GS ACQ SCENARIO BASE1BE	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
18	F218W UVI S2 I	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
19	F225W UVI S2 I	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
20	F225W UVI S2 I	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
21	F275W UVI S2 I	(2) GD153	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - gd153 - iteration 7 (07) - WFC3 UVIS Contamination Monitor (staring and scans)

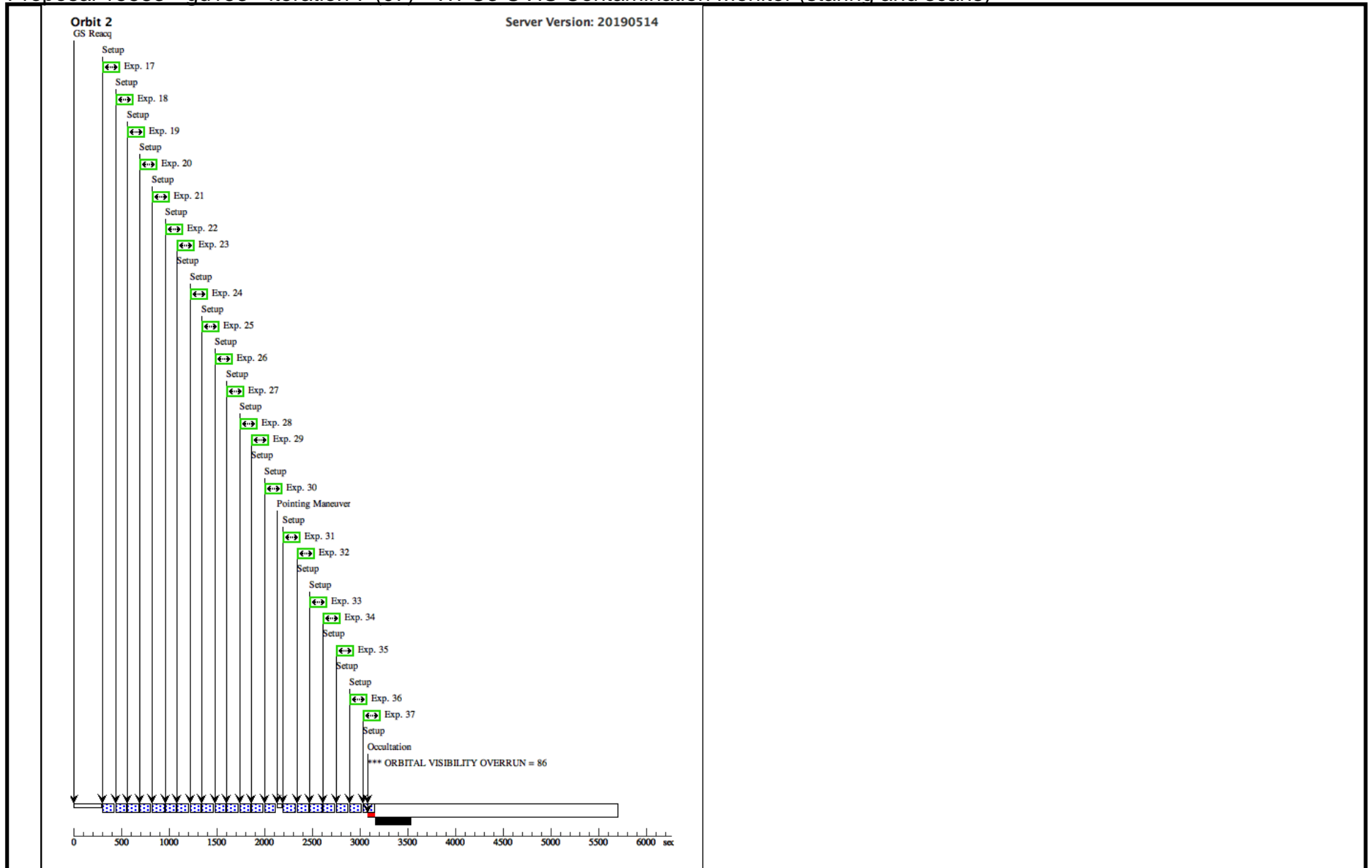
22	F275W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
23	F336W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
24	F336W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
25	F438W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
26	F438W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
27	F606W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
28	F606W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
29	F814W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - gd153 - iteration 7 (07) - WFC3 UVIS Contamination Monitor (staring and scans)

30	F814W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
31	F218W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
32	F225W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
33	F275W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
34	F336W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
35	F438W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
36	F606W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]
37	F814W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in gd153 - iteration 7 (07) Same Obset in Sequence 17-37 Non-Int in gd153 - iteration 7 (07)	59.9 Secs (59.9 Secs) [==>]	[2]



Proposal 15583 - gd153 - iteration 7 (07) - WFC3 UVIS Contamination Monitor (staring and scans)



Proposal 15583 - grw - iteration 8 (08) - WFC3 UVIS Contamination Monitor (staring and scans)

Tue Jul 16 21:05:18 GMT 2019

Visit	Proposal 15583, grw - iteration 8 (08), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 50%; BETWEEN 20-AUG-2019 AND 30-AUG-2019:00:00:00 <i>Comments: No GD153 visibility Aug 12-Nov 22 so doing Aug iteration with GD, Sep/Oct iterations with GRW.</i>					
	Diagnostics	(grw - iteration 8 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 8 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 8 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 8 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 8 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 8 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 8 (08)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (F218W UVIS2 I (08.017)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS2 I (08.019)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS2 I (08.021)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS2 I (08.023)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS2 I (08.025)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS2 I (08.027)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS2 I (08.029)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F218W UVIS1 I (08.031)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS1 I (08.032)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS1 I (08.033)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS1 I (08.034)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS1 I (08.035)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS1 I (08.036)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS1 I (08.037)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser				
Patterns		#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-5), (8-12)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	GRW+70D5824 Alt Name1: PRIMARY	RA: 13 38 51.1700 (204.7132083d) Dec: +70 17 7.85 (70.28551d) Equinox: J2000	Proper Motion RA: -0.0798 sec of time/yr Proper Motion Dec: -0.0262 arcsec/yr Epoch of Position: 1991.25	V=12.77 B-V = -9.0e-2	Reference Frame: WFPC2 OBSERVATIONS
<i>Comments: Category=STAR Description=[DA]</i>						

Proposal 15583 - grw - iteration 8 (08) - WFC3 UVIS Contamination Monitor (staring and scans)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F218W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; FLASH=12.	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-5 in grw - iteration 8 (08) (1)	17.6 Secs (35.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F225W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in grw - iteration 8 (08) (1)	6.3 Secs (12.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F275W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in grw - iteration 8 (08) (1)	6.0 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F336W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 1-5 in grw - iteration 8 (08) (1)	4.0 Secs (8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F438W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-5 in grw - iteration 8 (08) (1)	3.1 Secs (6.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	F814W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; FLASH=12.			6.2 Secs (6.2 Secs) [==>]	[1]
	7	F606W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; FLASH=12.			1.3 Secs (1.3 Secs) [==>]	[1]
	8	F218W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in grw - iteration 8 (08) (1)	17.6 Secs (35.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F225W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 8 (08) (1)	6.3 Secs (12.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	10	F275W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 8 (08) (1)	6.0 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F438W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 8 (08) (1)	3.1 Secs (6.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	12	F606W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in grw - iteration 8 (08) (1)	1.3 Secs (2.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	13	F814W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; FLASH=12.			6.2 Secs (6.2 Secs) [==>]	[1]
	14	F336W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; FLASH=12.0			4.0 Secs (4 Secs) [==>]	[1]

Proposal 15583 - grw - iteration 8 (08) - WFC3 UVIS Contamination Monitor (staring and scans)

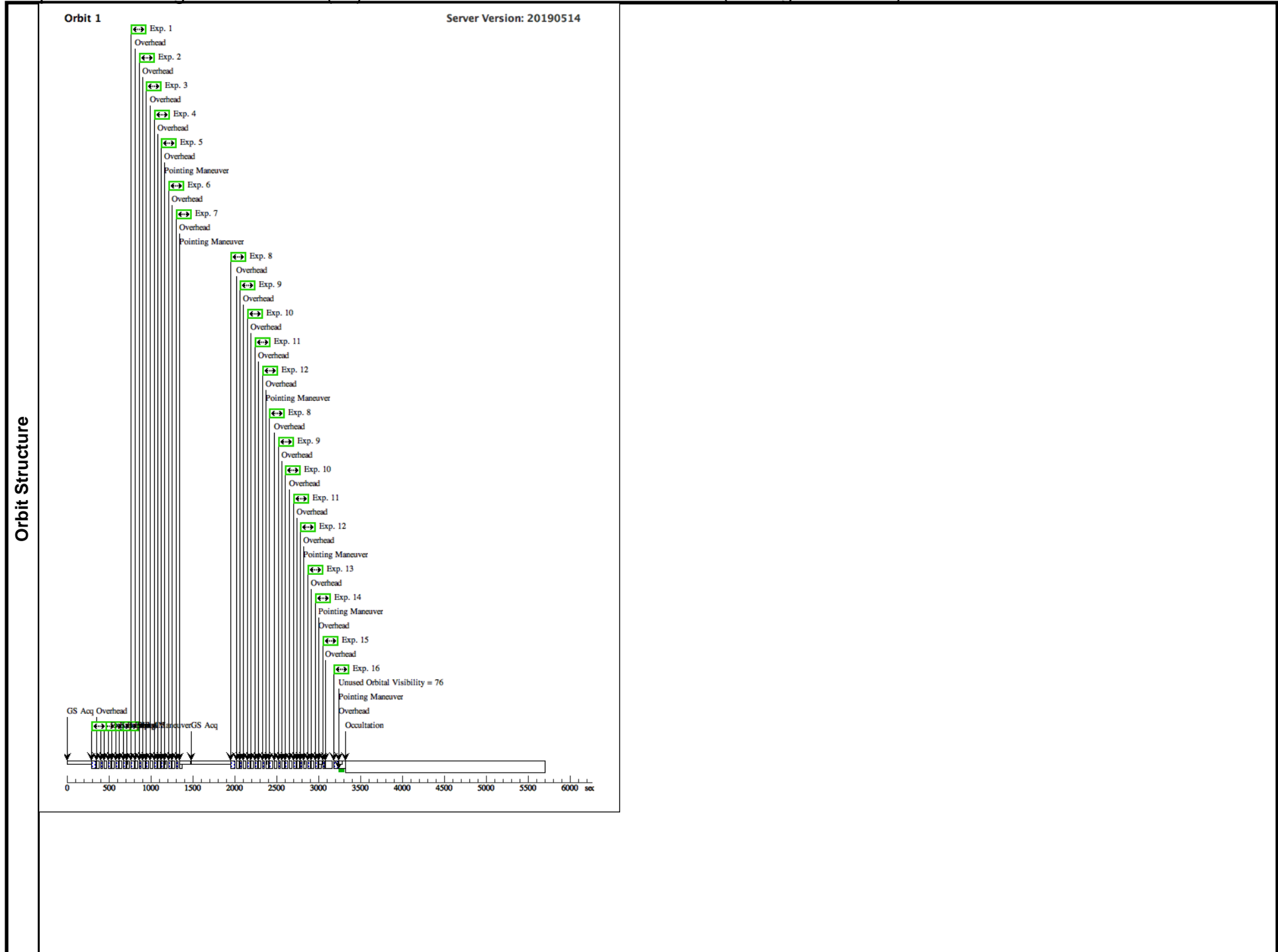
15	G280 reference image (F300X) subarray on chip 2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS	F300X	AMP=D; SIZEAXIS2=768; CENTERAXIS2=1026; FLASH=12.0	POS TARG 0.0,-50.	1.0 Secs (1 Secs) [==>]	[1]	
<p>Comments: Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
16	G280 image, chip2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS	G280	SIZEAXIS2=768; CENTERAXIS2=1026; AMP=D; FLASH=12.0	POS TARG 0.0,-50.	40. Secs (40 Secs) [==>]	[1]	
<p>Comments: Only "UVIS" aperture is allowed with G280, so a postarg is used to move the target to UVIS2. Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
17	F218W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward; GS ACQ SCENARIO BASE1BE	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
18	F218W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
19	F225W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
20	F225W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
21	F275W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
22	F275W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - grw - iteration 8 (08) - WFC3 UVIS Contamination Monitor (staring and scans)

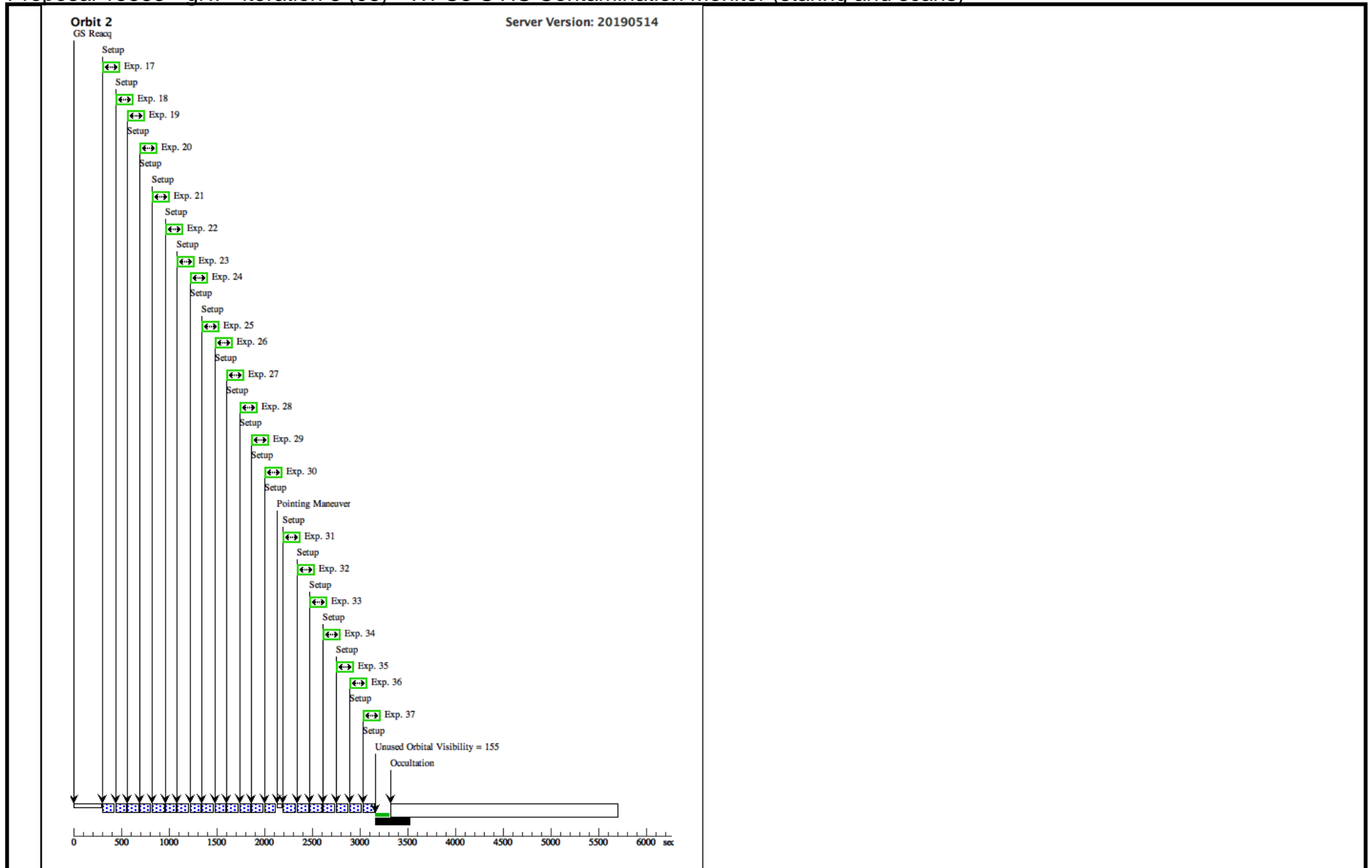
23	F336W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
24	F336W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
25	F438W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
26	F438W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
27	F606W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
28	F606W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
29	F814W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
30	F814W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
31	F218W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - grw - iteration 8 (08) - WFC3 UVIS Contamination Monitor (staring and scans)

32	F225W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
33	F275W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
34	F336W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
35	F438W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
36	F606W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]
37	F814W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 8 (08) Same Obset in Sequence 17-37 Non-Int in grw - iteration 8 (08)	59.9 Secs (59.9 Secs) [==>]	[2]



Proposal 15583 - grw - iteration 8 (08) - WFC3 UVIS Contamination Monitor (staring and scans)



Proposal 15583 - grw - iteration 9 (09) - WFC3 UVIS Contamination Monitor (staring and scans)

Tue Jul 16 21:05:19 GMT 2019

Visit	Proposal 15583, grw - iteration 9 (09), implementation Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 50%; BETWEEN 23-OCT-2019:00:00:00 AND 02-NOV-2019:00:00:00 <i>Comments: No GD153 visibility Aug 12-Nov 22 so doing Aug iteration with GD, Sep/Oct iterations with GRW.</i>																	
	Diagnostics	(grw - iteration 9 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 9 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 9 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 9 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 9 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 9 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 9 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 9 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 9 (09)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (grw - iteration 9 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (F218W UVIS2 I (09.017)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS2 I (09.019)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS2 I (09.021)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS2 I (09.023)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS2 I (09.025)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS2 I (09.027)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS2 I (09.029)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F218W UVIS1 I (09.031)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS1 I (09.032)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS1 I (09.033)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS1 I (09.034)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS1 I (09.035)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS1 I (09.036)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS1 I (09.037)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser																
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=0.145 Line Spacing= </td> <td> Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false </td> <td>(1-6), (8-12)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-6), (8-12)								
	#	Primary Pattern	Secondary Pattern	Exposures														
(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false	(1-6), (8-12)															
Fixed Targets	<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>(1)</td> <td>GRW+70D5824 Alt Name1: PRIMARY</td> <td> RA: 13 38 51.1700 (204.7132083d) Dec: +70 17 7.85 (70.28551d) Equinox: J2000 </td> <td> Proper Motion RA: -0.0798 sec of time/yr Proper Motion Dec: -0.0262 arcsec/yr Epoch of Position: 1991.25 </td> <td>V=12.77 B-V = -9.0e-2</td> <td>Reference Frame: WFPC2 OBSERVATIONS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	GRW+70D5824 Alt Name1: PRIMARY	RA: 13 38 51.1700 (204.7132083d) Dec: +70 17 7.85 (70.28551d) Equinox: J2000	Proper Motion RA: -0.0798 sec of time/yr Proper Motion Dec: -0.0262 arcsec/yr Epoch of Position: 1991.25	V=12.77 B-V = -9.0e-2	Reference Frame: WFPC2 OBSERVATIONS	<i>Comments: Category=STAR Description=[DA]</i>				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(1)	GRW+70D5824 Alt Name1: PRIMARY	RA: 13 38 51.1700 (204.7132083d) Dec: +70 17 7.85 (70.28551d) Equinox: J2000	Proper Motion RA: -0.0798 sec of time/yr Proper Motion Dec: -0.0262 arcsec/yr Epoch of Position: 1991.25	V=12.77 B-V = -9.0e-2	Reference Frame: WFPC2 OBSERVATIONS													

Proposal 15583 - grw - iteration 9 (09) - WFC3 UVIS Contamination Monitor (staring and scans)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F218W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; FLASH=12.	GS ACQ SCENARI O BASE1B3	Pattern 1, Exps 1-6 in grw - iteration 9 (09)(1)	17.6 Secs (35.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F225W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in grw - iteration 9 (09)(1)	6.3 Secs (12.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F275W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in grw - iteration 9 (09)(1)	6.0 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F438W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in grw - iteration 9 (09)(1)	3.1 Secs (6.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F606W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in grw - iteration 9 (09)(1)	1.3 Secs (2.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	F814W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in grw - iteration 9 (09)(1)	6.2 Secs (12.4 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	F336W-UVI S1	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; FLASH=12.0			4.0 Secs (4 Secs) [==>]	[1]
	8	F218W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in grw - iteration 9 (09)(1)	17.6 Secs (35.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F225W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 9 (09)(1)	6.3 Secs (12.6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	10	F275W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 9 (09)(1)	6.0 Secs (12 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F438W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in grw - iteration 9 (09)(1)	3.1 Secs (6.2 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	12	F814W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in grw - iteration 9 (09)(1)	6.2 Secs (12.4 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	13	F336W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; FLASH=12.0			4.0 Secs (4 Secs) [==>]	[1]
	14	F606W-UVI S2	(1) GRW+70D5824 WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; FLASH=12.			1.3 Secs (1.3 Secs) [==>]	[1]

Proposal 15583 - grw - iteration 9 (09) - WFC3 UVIS Contamination Monitor (staring and scans)

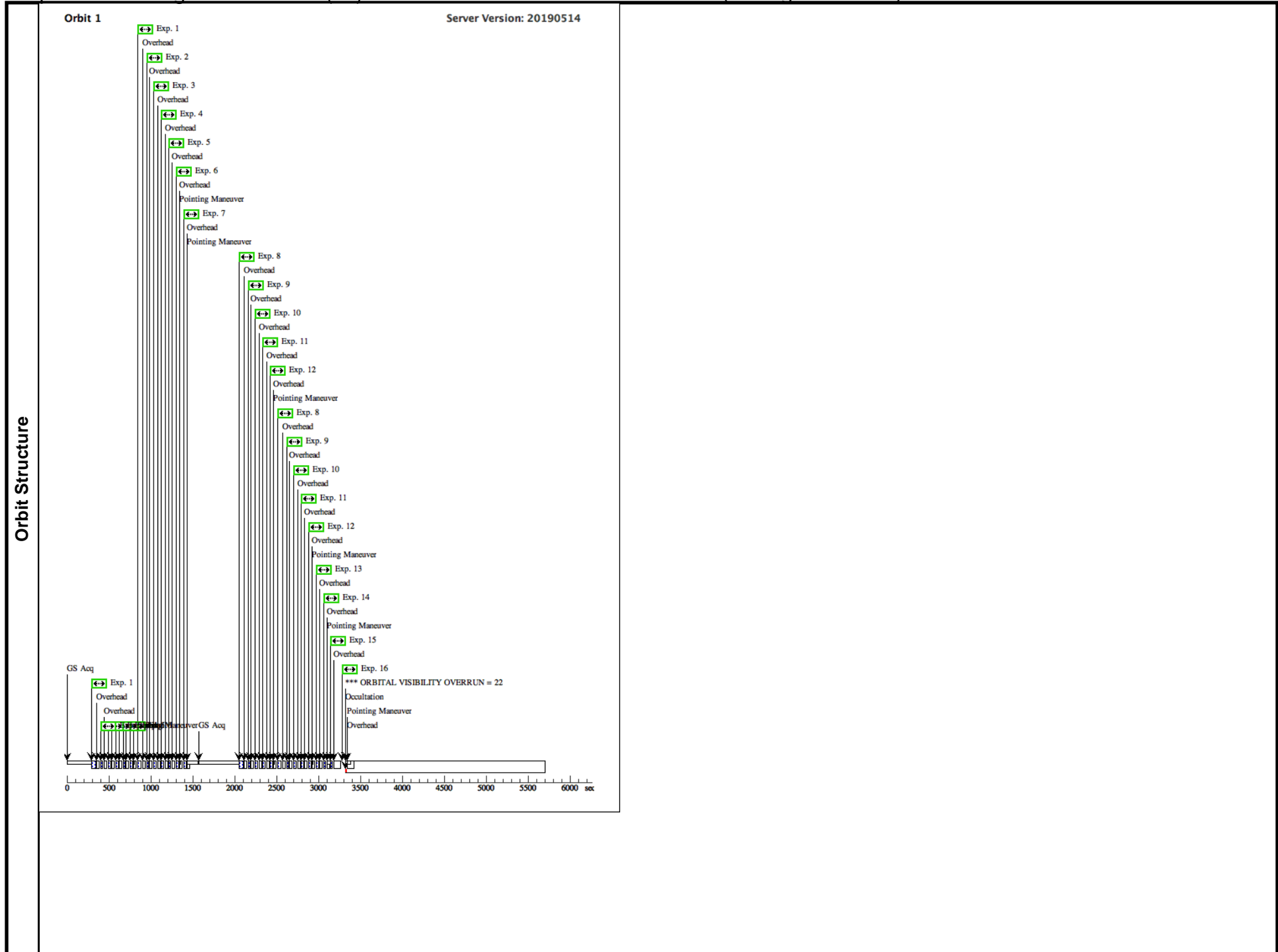
15	G280 reference image (F300X) subarray on chip 2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS	F300X	AMP=D; SIZEAXIS2=768; CENTERAXIS2=1026; FLASH=12.0	POS TARG 0.0,-50.	1.0 Secs (1 Secs) [==>]	[1]	
<p>Comments: Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
16	G280 image, chip2	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS	G280	SIZEAXIS2=768; CENTERAXIS2=1026; AMP=D; FLASH=12.0	POS TARG 0.0,-50.	40. Secs (40 Secs) [==>]	[1]	
<p>Comments: Only "UVIS" aperture is allowed with G280, so a postarg is used to move the target to UVIS2. Nominal "UVIS" aperture is ~10" above the chip gap on chip 1; a Y-postarg of about -50" places the target near the center of chip 2.</p> <p>SIZEAXIS2=768 is used to minimize data volume, while CENTERAXIS2 is used to center the subarray readout on the target location. The latter is set to 1026, to place the vertical center of the subarray at the vertical center of chip 2. These parameters are based upon similar observations obtained successfully in Cycle 17 (proposal 11934).</p>									
17	F218W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward; GS ACQ SCENARIO BASE1BE	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
18	F218W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
19	F225W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
20	F225W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
21	F275W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
22	F275W UVI S2 I	(1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - grw - iteration 9 (09) - WFC3 UVIS Contamination Monitor (staring and scans)

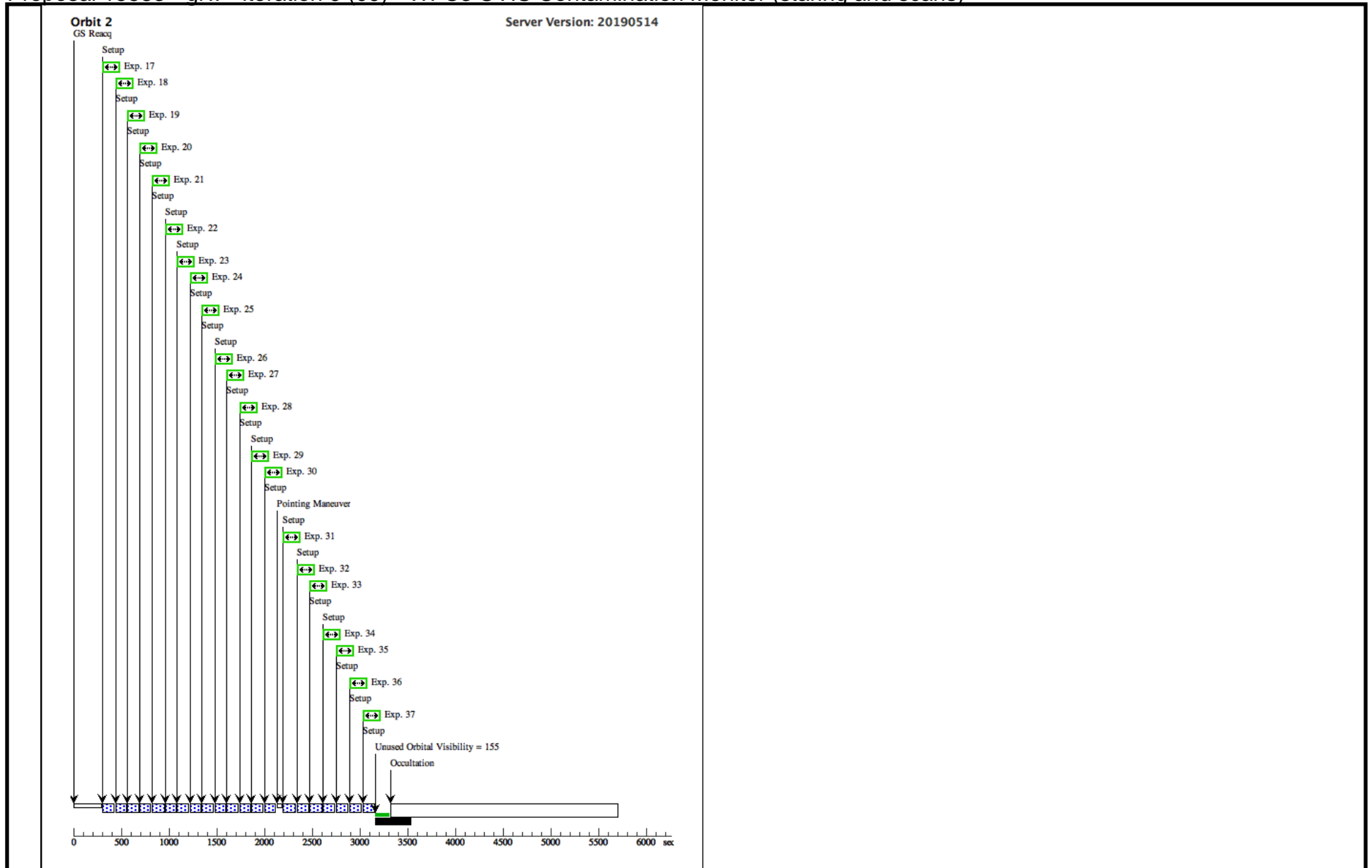
23	F336W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
24	F336W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
25	F438W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
26	F438W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
27	F606W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
28	F606W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
29	F814W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
30	F814W UVI S2 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
31	F218W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - grw - iteration 9 (09) - WFC3 UVIS Contamination Monitor (staring and scans)

32	F225W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
33	F275W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
34	F336W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
35	F438W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
36	F606W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]
37	F814W UVI S1 I (1) GRW+70D5824	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 17-37 Non-Int in grw - iteration 9 (09) Same Obset in Sequence 17-37 Non-Int in grw - iteration 9 (09)	59.9 Secs (59.9 Secs) [==>]	[2]



Proposal 15583 - grw - iteration 9 (09) - WFC3 UVIS Contamination Monitor (staring and scans)



Proposal 15583 - gd153 - iteration 10 (10) - WFC3 UVIS Contamination Monitor (staring and scans)

Tue Jul 16 21:05:19 GMT 2019

Visit	Proposal 15583, gd153 - iteration 10 (10), scheduling Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 50%: BETWEEN 11-NOV-2019:00:00:00 AND 21-NOV-2019:00:00:00						
	Diagnostics	(gd153 - iteration 10 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 10 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 10 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 10 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 10 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 10 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 10 (10)) Warning (Orbit Planner): MERGING RULE VIOLATED DURING AUTOMATIC MERGING (gd153 - iteration 10 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (gd153 - iteration 10 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (F218W UVIS2 I (10.015)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS2 I (10.017)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS2 I (10.019)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS2 I (10.021)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS2 I (10.023)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS2 I (10.025)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F814W UVIS2 I (10.027)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F218W UVIS1 I (10.029)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F225W UVIS1 I (10.030)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F275W UVIS1 I (10.031)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F336W UVIS1 I (10.032)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F438W UVIS1 I (10.033)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser (F606W UVIS1 I (10.034)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser					
Patterns		#	Primary Pattern	Secondary Pattern	Exposures		
		(1)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1-6), (8-12)	
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(2)	GD153	RA: 12 57 2.3370 (194.2597375d) Dec: +22 01 52.68 (22.03130d) Equinox: J2000	Proper Motion RA: -46 mas/yr Proper Motion Dec: -204 mas/yr Epoch of Position: 2000	V=13.4	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=STAR Description=[DA]							

Proposal 15583 - gd153 - iteration 10 (10) - WFC3 UVIS Contamination Monitor (staring and scans)

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	F218W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 10 (10) (1)	12.4 Secs (24.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	F225W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 10 (10) (1)	5.0 Secs (10 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	3	F275W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 10 (10) (1)	5.4 Secs (10.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	4	F438W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 10 (10) (1)	5.5 Secs (11 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	5	F606W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 10 (10) (1)	3.0 Secs (6 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	6	F814W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 1-6 in gd153 - iteration 10 (10) (1)	11.5 Secs (23 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	7	F336W-UVI (2) GD153 S1	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; FLASH=12.			4.5 Secs (4.5 Secs) [==>]	[1]
	8	F218W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in gd153 - iteration 10 (10) (1)	12.4 Secs (24.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	9	F225W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in gd153 - iteration 10 (10) (1)	5.0 Secs (10 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	10	F275W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in gd153 - iteration 10 (10) (1)	5.4 Secs (10.8 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	11	F438W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; FLASH=12.0		Pattern 1, Exps 8-12 in gd153 - iteration 10 (10) (1)	5.5 Secs (11 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	12	F814W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; FLASH=12.		Pattern 1, Exps 8-12 in gd153 - iteration 10 (10) (1)	11.5 Secs (23 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]
	13	F336W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; FLASH=12.0			4.5 Secs (4.5 Secs) [==>]	[1]
	14	F606W-UVI (2) GD153 S2	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; FLASH=12.			3.0 Secs (3 Secs) [==>]	[1]

Proposal 15583 - gd153 - iteration 10 (10) - WFC3 UVIS Contamination Monitor (staring and scans)

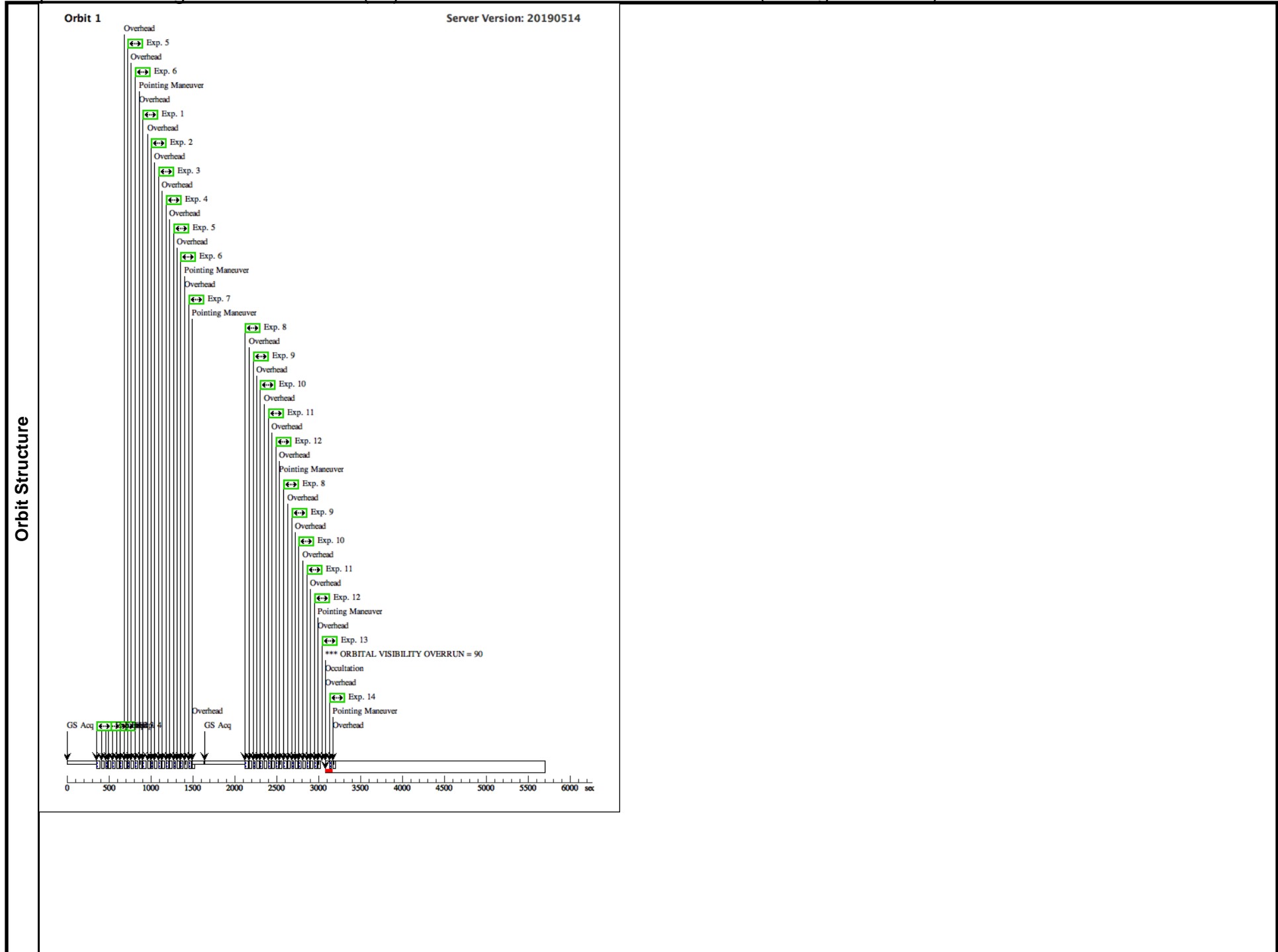
15	F218W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward; GS ACQ SCENARIO BASE1BE	Sequence 15-34 Non-Int in gd153 - iteration 10 (10) Same Obset in Sequence 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
16	F218W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F218W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 15-34 Non-Int in gd153 - iteration 10 (10) Same Obset in Sequence 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
17	F225W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 15-34 Non-Int in gd153 - iteration 10 (10) Same Obset in Sequence 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
18	F225W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F225W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 15-34 Non-Int in gd153 - iteration 10 (10) Same Obset in Sequence 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
19	F275W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 15-34 Non-Int in gd153 - iteration 10 (10) Same Obset in Sequence 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
20	F275W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F275W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 15-34 Non-Int in gd153 - iteration 10 (10) Same Obset in Sequence 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
21	F336W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Forward	Sequence 15-34 Non-Int in gd153 - iteration 10 (10) Same Obset in Sequence 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
22	F336W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F336W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Reverse	Sequence 15-34 Non-Int in gd153 - iteration 10 (10) Same Obset in Sequence 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - gd153 - iteration 10 (10) - WFC3 UVIS Contamination Monitor (staring and scans)

23	F438W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
24	F438W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F438W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
25	F606W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
26	F606W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F606W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
27	F814W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
28	F814W UVI (2) GD153 S2 I	WFC3/UVIS, ACCUM, UVIS2-C512C-SUB	F814W	CR-SPLIT=NO; BLADE=A; FLASH=12	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
29	F218W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F218W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
30	F225W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F225W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]

Proposal 15583 - gd153 - iteration 10 (10) - WFC3 UVIS Contamination Monitor (staring and scans)

31	F275W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F275W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
32	F336W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F336W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
33	F438W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F438W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,For ward	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]
34	F606W UVI (2) GD153 S1 I	WFC3/UVIS, ACCUM, UVIS1-C512A-SUB	F606W	CR-SPLIT=NO; BLADE=A	POS TARG 0,-3.75; SPATIAL SCAN 0.1 25,90.3 Degrees,Rev erse	Sequence 15-34 Non -Int in gd153 - iterati on 10 (10) Same Obset in Seque nce 15-34 Non-Int in gd153 - iteration 10 (10)	59.9 Secs (59.9 Secs) [==>]	[2]



Proposal 15583 - gd153 - iteration 10 (10) - WFC3 UVIS Contamination Monitor (staring and scans)

