



15065 - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way Globular Clusters

Cycle: 25, Proposal Category: GO
(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Roger Cohen (PI) (Contact)	Space Telescope Science Institute	rcohen@stsci.edu
Dr. Jason S. Kalirai (CoI)	Space Telescope Science Institute	jkalirai@stsci.edu
Dr. Andrea Bellini (CoI)	Space Telescope Science Institute	bellini@stsci.edu
Dr. Thomas M. Brown (CoI)	Space Telescope Science Institute	tbrown@stsci.edu
Dr. Matteo Correnti (CoI)	Space Telescope Science Institute	correnti@stsci.edu

VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(3) NGC-6342 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:19.0	yes
02	(3) NGC-6342 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:21.0	yes
03	(1) NGC-6256 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:22.0	yes
04	(1) NGC-6256 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:24.0	yes
05	(2) NGC-6325 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:25.0	yes

Proposal 15065 (STScI Edit Number: 0, Created: Monday, July 17, 2017 2:01:47 PM EST) - Overview

<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>
06	(2) NGC-6325 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:27.0	yes
07	(4) NGC-6355 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:29.0	yes
08	(4) NGC-6355 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:30.0	yes
09	(5) NGC-6380 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:32.0	yes
10	(5) NGC-6380 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:33.0	yes
11	(6) NGC-6401 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:35.0	yes
12	(6) NGC-6401 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:37.0	yes
13	(7) NGC-6453 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:38.0	yes
14	(7) NGC-6453 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:40.0	yes
15	(8) NGC-6558 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:41.0	yes
16	(8) NGC-6558 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:43.0	yes
17	(9) NGC-6642 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:44.0	yes
18	(9) NGC-6642 ANY	ACS/WFC WFC3/IR	1	17-Jul-2017 15:01:45.0	yes

18 Total Orbits Used

ABSTRACT

We propose a systematic investigation of the ages and dynamics of the Galactic globular clusters (GGCs) located in the inner Milky Way. By targeting bulge GGCs that have a first epoch of deep archival ACS/WFC or WFC3/UVIS imaging and obtaining a second epoch of deep (S/N>100 at the main sequence turnoff) ACS/WFC F606W, F814W imaging, we will exploit 7-14 year time baselines to measure precise (<0.5 Gyr) relative ages from proper motion (PM) cleaned color-magnitude diagrams.

Archival imaging confirms that our target clusters occupy a unique location in GGC parameter space with regard to location, concentration, metallicity and HB morphology. Therefore, the proposed observations allow the first study of a statistically-significant sample of GGCs in the regime of strong disk/bulge shocking with regard to both ages and dynamics. Specifically, by simultaneously measuring ages and proper motions, we may perform a direct, self-consistent empirical comparison at fixed metallicity between our target clusters and well-studied Treasury Survey (GO-10775) GGCs with known ages and orbits to test the following recent hypotheses:

- 1) Present day GGCs close to the Galactic center ($R < 3$ kpc) formed in situ.
- 2) Location in the GGC age-metallicity plane is determined by progenitor mass.
- 3) Metal-intermediate blue horizontal branch GGCs in the bulge are as old as their ancient metal-poor halo counterparts.

Lastly, we will exploit the parallel capabilities of HST to expand our WFC3/IR two-filter parallel imaging survey of the bulge and disk (GO-14074, PI:Cohen) to 25 sightlines, allowing the first quantitative test for spatial variation in the bulge mass function.

OBSERVING DESCRIPTION

We plan to obtain second epoch ACS/WFC F606W, F814W imaging of nine Galactic globular clusters located towards the Galactic bulge and disk. Each target will be imaged for a total of two one-orbit visits, one per filter. Within each orbit, we employ the proven strategy of one short (10-60s depending on extinction, to leave the HB unsaturated) and four long, dithered exposures. An 80 pixel dither step in x and y is used to cover the chip gap and mitigate defector defects, and at each step, a sub-pixel offset in 0.25pix increments is added to optimize pixel phase space sampling for astrometric precision.

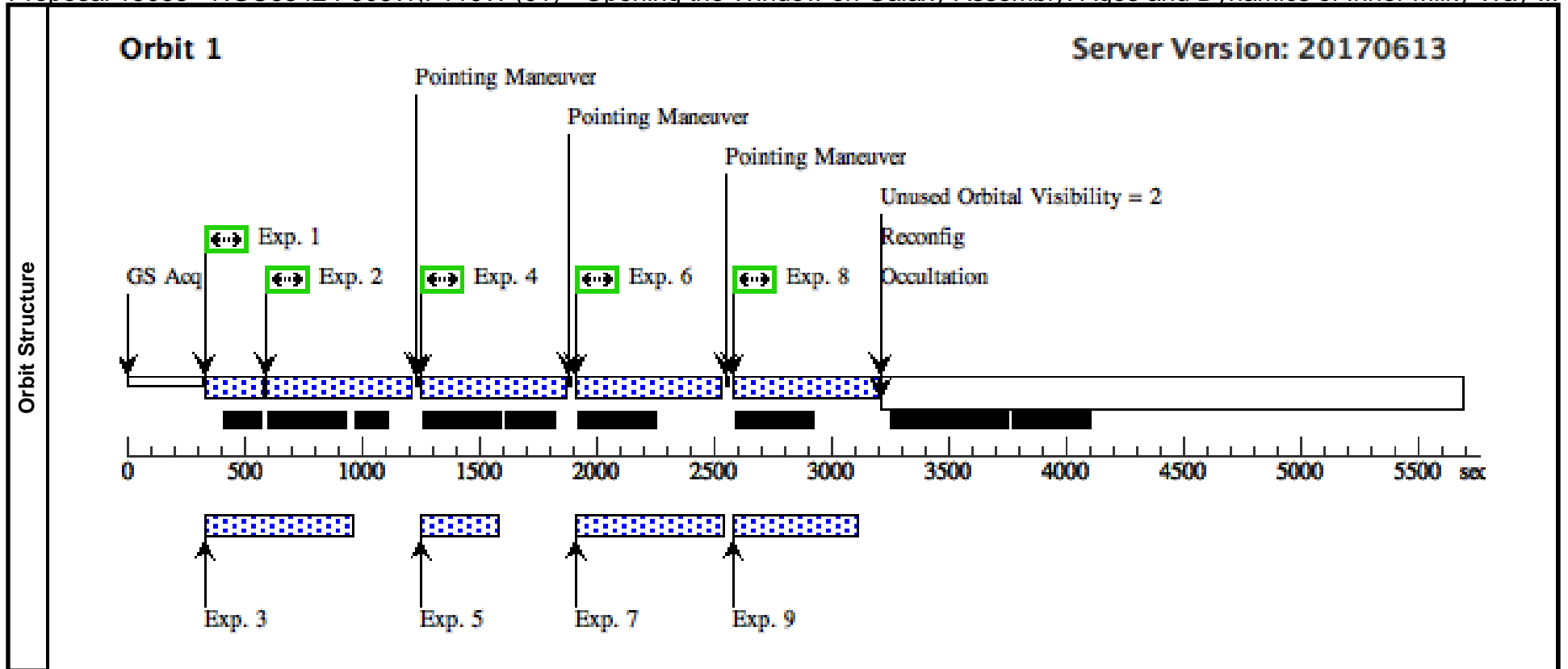
Coordinated parallels are obtained with WFC3/IR F110W,F160W for all targets, using one orbit per filter as for the primary fields, and STEP100 exposure sequences as the best compromise between photometric depth and dynamic range, with values of NSAMP determined by the ability to hide buffer dumps.

Target positions (and apertures) and ORIENTs are constrained to maximize the spatial overlap with first epoch archival imaging.

Proposal 15065 - NGC6342 F606W,F110W (01) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:47 GMT 2017

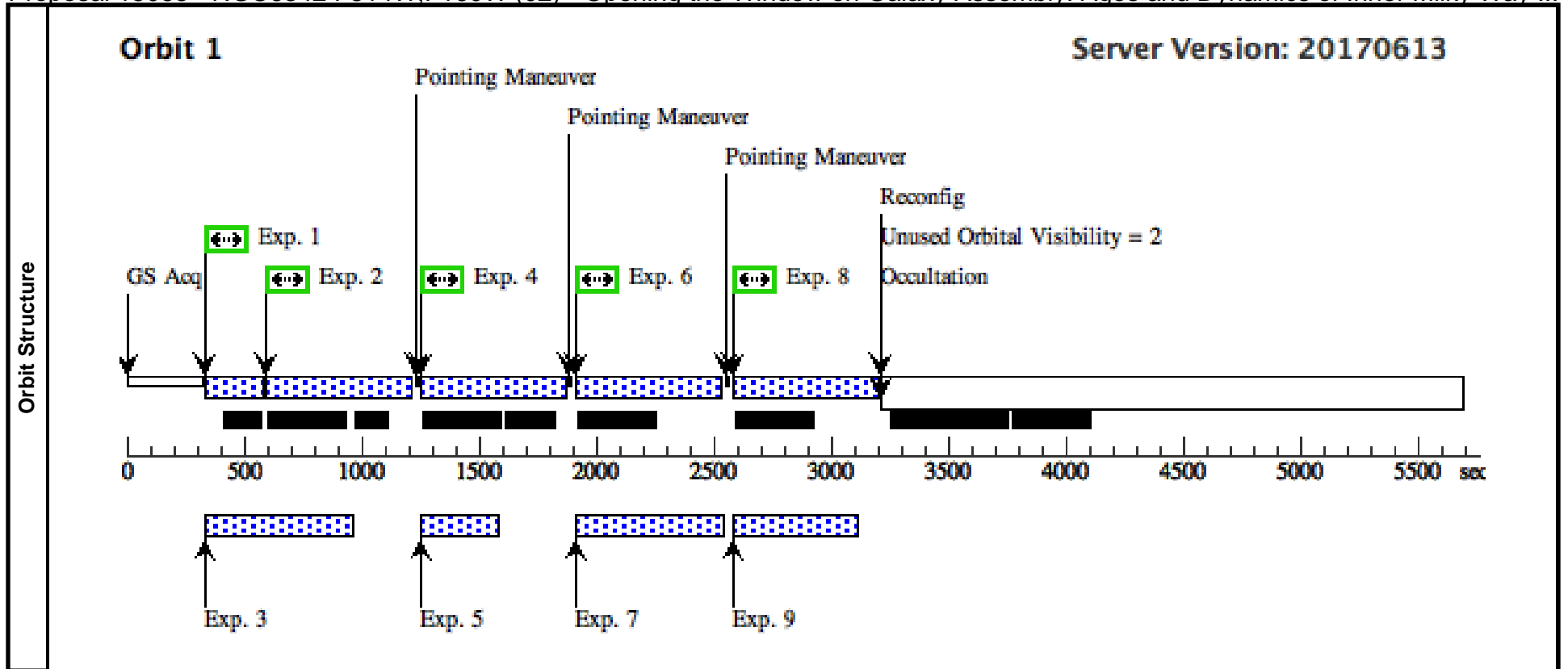
Visit	Proposal 15065, NGC6342 F606W,F110W (01) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 312D TO 337 D; ORIENT 40D TO 62 D; ORIENT 127D TO 158 D; ORIENT 219D TO 243 D									
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (3) NGC-6342 RA: 17 21 11.3013 (260.2970888d) Dec: -19 35 43.68 (-19.59547d) Equinox: J2000 Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F606W short	(3) NGC-6342	ACS/WFC, ACCUM, WFCENTER	F606W		SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6342 F606W,F110W (01)	10 Secs (10 Secs) [==>]	[1]
	2	F606W Long 1	(3) NGC-6342	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6342 F606W,F110W (01)	499 Secs (493 Secs) [==>493.0 Secs]	[1]
	3	F110W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6342 F606W,F110W (01)	599.232292 Secs (599.232 Secs) [==>]	[1]
	4	F606W Long 2	(3) NGC-6342	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6342 F606W,F110W (01)	499 Secs (493 Secs) [==>493.0 Secs]	[1]
	5	F110W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6342 F606W,F110W (01)	299.231323 Secs (299.231 Secs) [==>]	[1]
	6	F606W Long 3	(3) NGC-6342	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6342 F606W,F110W (01)	499 Secs (493 Secs) [==>493.0 Secs]	[1]
	7	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6342 F606W,F110W (01)	599.232292 Secs (599.232 Secs) [==>]	[1]
	8	F606W Long 4	(3) NGC-6342	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6342 F606W,F110W (01)	499 Secs (493 Secs) [==>493.0 Secs]	[1]
	9	F110W nsa mp=11	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6342 F606W,F110W (01)	499.231969 Secs (499.232 Secs) [==>]	[1]



Proposal 15065 - NGC6342 F814W,F160W (02) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

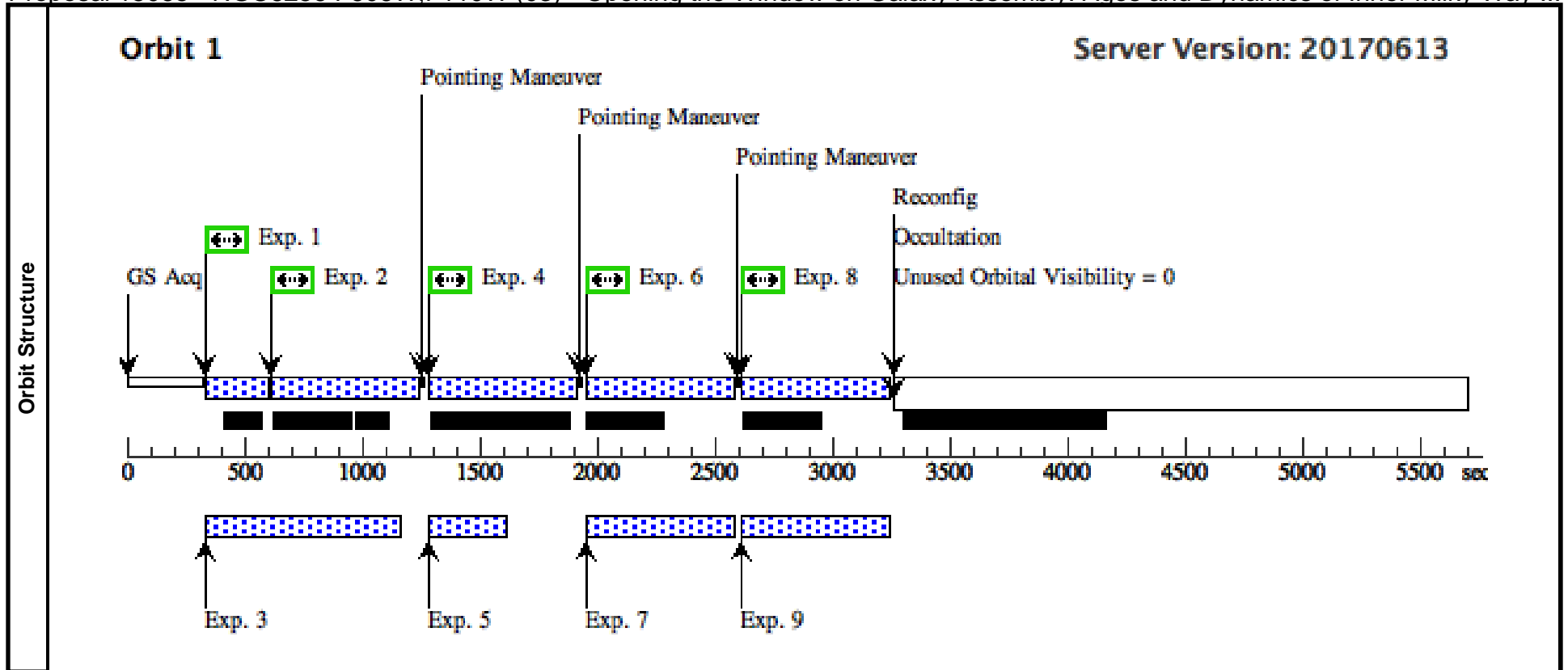
Visit	Proposal 15065, NGC6342 F814W,F160W (02) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 01																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>NGC-6342</td> <td>RA: 17 21 11.3013 (260.2970888d) Dec: -19 35 43.68 (-19.59547d) Equinox: J2000</td> <td></td> <td>V=10.01</td> <td>Reference Frame: NED</td> </tr> <tr> <td colspan="6"><i>Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS</i></td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	NGC-6342	RA: 17 21 11.3013 (260.2970888d) Dec: -19 35 43.68 (-19.59547d) Equinox: J2000		V=10.01	Reference Frame: NED	<i>Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS</i>				
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Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	F814W short	(3) NGC-6342	ACS/WFC, ACCUM, WFCENTER	F814W			SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6342 F814W,F160W (02)	10 Secs (10 Secs) [==>]	[1]																	
	2	F814W Long 1	(3) NGC-6342	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6342 F814W,F160W (02)	498 Secs (493 Secs) [==>493.0 Secs]	[1]																	
	3	F160W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6342 F814W,F160W (02)	599.232292 Secs (599.232 Secs) [==>]	[1]																	
	4	F814W Long 2	(3) NGC-6342	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6342 F814W,F160W (02)	498 Secs (493 Secs) [==>493.0 Secs]	[1]																	
	5	F160W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6342 F814W,F160W (02)	299.231323 Secs (299.231 Secs) [==>]	[1]																	
	6	F814W Long 3	(3) NGC-6342	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6342 F814W,F160W (02)	498 Secs (493 Secs) [==>493.0 Secs]	[1]																	
	7	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6342 F814W,F160W (02)	599.232292 Secs (599.232 Secs) [==>]	[1]																	
	8	F814W Long 4	(3) NGC-6342	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6342 F814W,F160W (02)	498 Secs (493 Secs) [==>493.0 Secs]	[1]																	
	9	F160W nsa mp=11	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=11; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6342 F814W,F160W (02)	499.231969 Secs (499.232 Secs) [==>]	[1]																	



Proposal 15065 - NGC6256 F606W,F110W (03) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

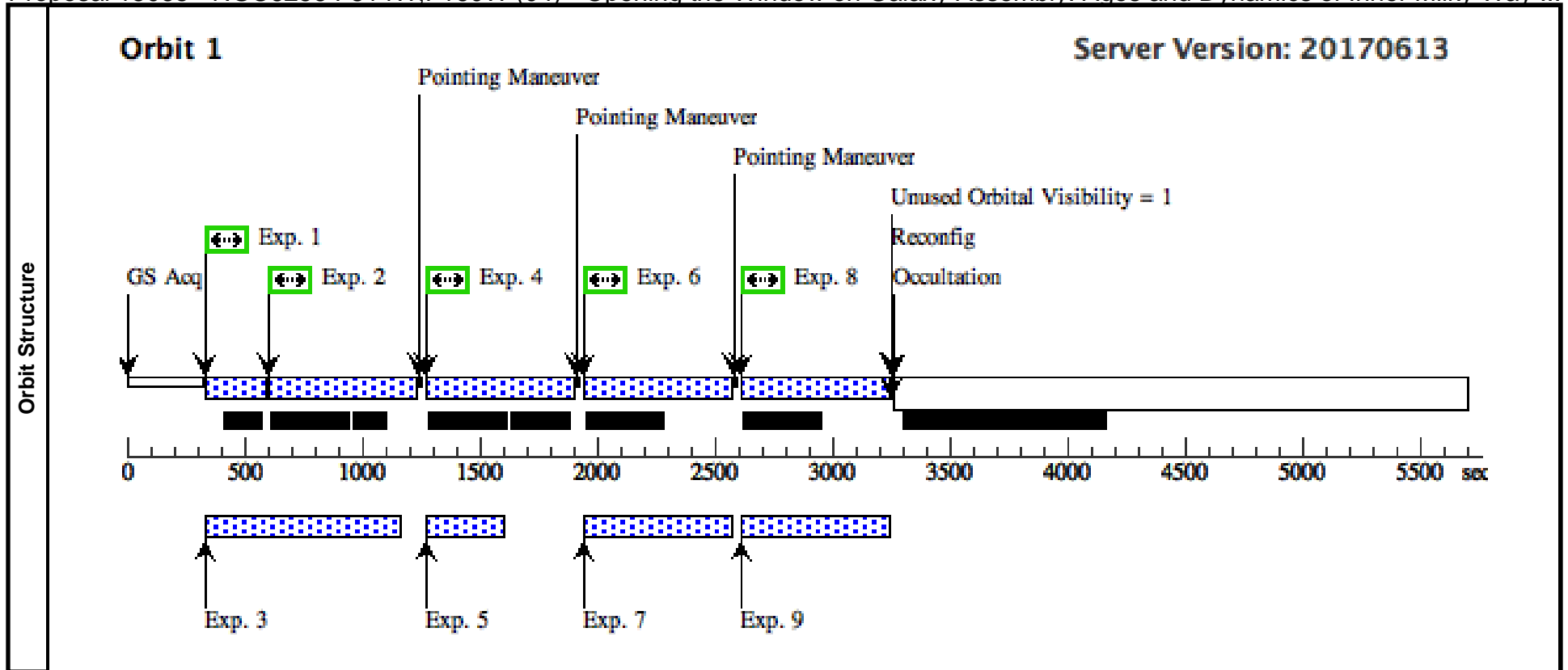
Visit	Proposal 15065, NGC6256 F606W,F110W (03) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 32D TO 56 D; ORIENT 116D TO 150 D; ORIENT 212D TO 238 D; ORIENT 294D TO 320 D																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</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>NGC-6256</td> <td>RA: 16 59 35.4300 (254.8976250d) Dec: -37 07 39.03 (-37.12751d) Equinox: J2000</td> <td></td> <td>V=11.29</td> <td>Reference Frame: NED</td> </tr> </tbody> </table> <p><i>Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	NGC-6256	RA: 16 59 35.4300 (254.8976250d) Dec: -37 07 39.03 (-37.12751d) Equinox: J2000		V=11.29
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(1)	NGC-6256	RA: 16 59 35.4300 (254.8976250d) Dec: -37 07 39.03 (-37.12751d) Equinox: J2000		V=11.29	Reference Frame: NED																	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit												
	1	F606W short	(1) NGC-6256	ACS/WFC, ACCUM, WFCENTER	F606W		SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6256 F606W,F110W (03)	60 Secs (60 Secs) [==>]	[1]												
	2	F606W Long 1	(1) NGC-6256	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6256 F606W,F110W (03)	498 Secs (502 Secs) [==>502.0 Secs]	[1]												
	3	F110W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6256 F606W,F110W (03)	799.232938 Secs (799.233 Secs) [==>]	[1]												
	4	F606W Long 2	(1) NGC-6256	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6256 F606W,F110W (03)	498 Secs (502 Secs) [==>502.0 Secs]	[1]												
	5	F110W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6256 F606W,F110W (03)	299.231323 Secs (299.231 Secs) [==>]	[1]												
	6	F606W Long 3	(1) NGC-6256	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6256 F606W,F110W (03)	498 Secs (502 Secs) [==>502.0 Secs]	[1]												
	7	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6256 F606W,F110W (03)	599.232292 Secs (599.232 Secs) [==>]	[1]												
	8	F606W Long 4	(1) NGC-6256	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6256 F606W,F110W (03)	498 Secs (502 Secs) [==>502.0 Secs]	[1]												
	9	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6256 F606W,F110W (03)	599.232292 Secs (599.232 Secs) [==>]	[1]												



Proposal 15065 - NGC6256 F814W,F160W (04) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

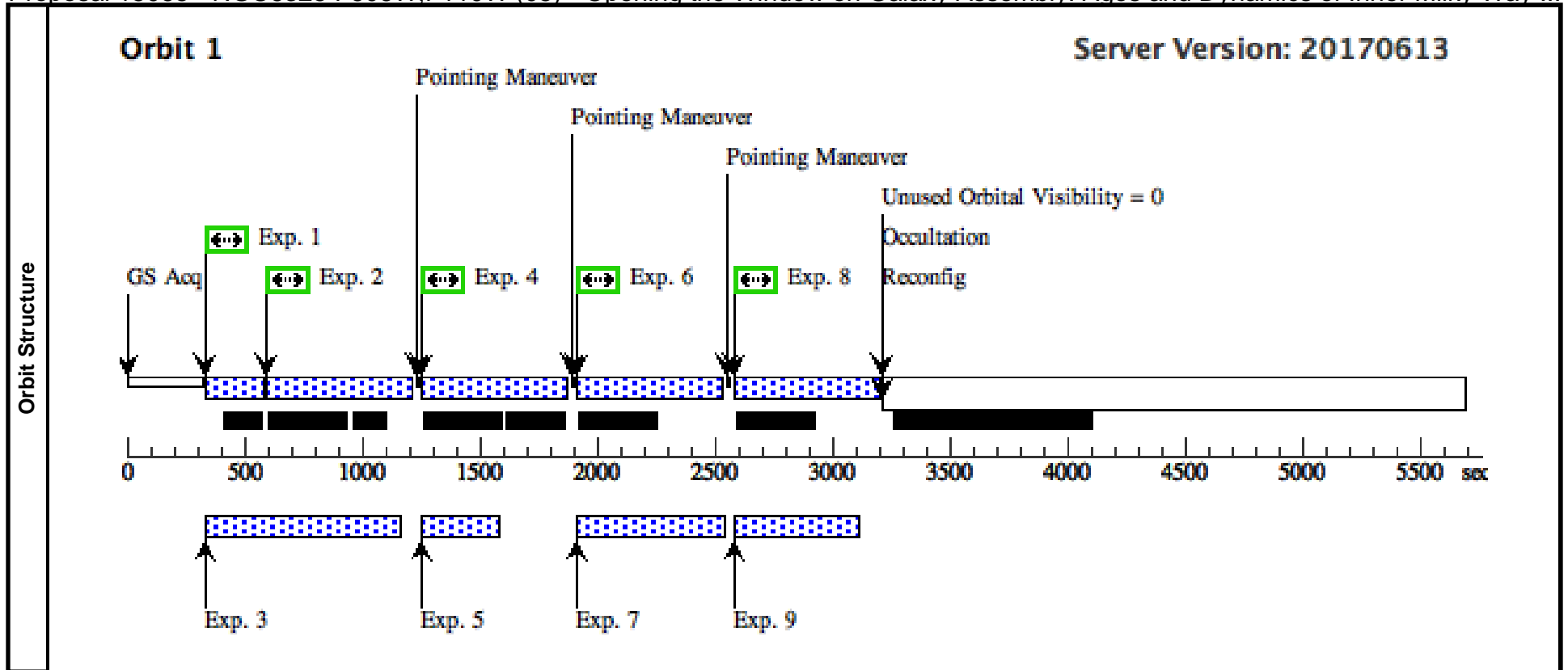
Visit	Proposal 15065, NGC6256 F814W,F160W (04) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 03									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(1)	NGC-6256	RA: 16 59 35.4300 (254.8976250d) Dec: -37 07 39.03 (-37.12751d) Equinox: J2000		V=11.29	Reference Frame: NED				
	<i>Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F814W short	(1) NGC-6256	ACS/WFC, ACCUM, WFCENTER	F814W		SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6256 F814W,F160W (04)	49 Secs (49 Secs) [==>]	[1]
	2	F814W Long 1	(1) NGC-6256	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6256 F814W,F160W (04)	509 Secs (505 Secs) [==>505.0 Secs]	[1]
	3	F160W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6256 F814W,F160W (04)	799.232938 Secs (799.233 Secs) [==>]	[1]
	4	F814W Long 2	(1) NGC-6256	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6256 F814W,F160W (04)	509 Secs (505 Secs) [==>505.0 Secs]	[1]
	5	F160W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6256 F814W,F160W (04)	299.231323 Secs (299.231 Secs) [==>]	[1]
	6	F814W Long 3	(1) NGC-6256	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6256 F814W,F160W (04)	509 Secs (505 Secs) [==>505.0 Secs]	[1]
	7	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6256 F814W,F160W (04)	599.232292 Secs (599.232 Secs) [==>]	[1]
	8	F814W Long 4	(1) NGC-6256	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6256 F814W,F160W (04)	509 Secs (505 Secs) [==>505.0 Secs]	[1]
	9	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6256 F814W,F160W (04)	599.232292 Secs (599.232 Secs) [==>]	[1]



Proposal 15065 - NGC6325 F606W,F110W (05) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

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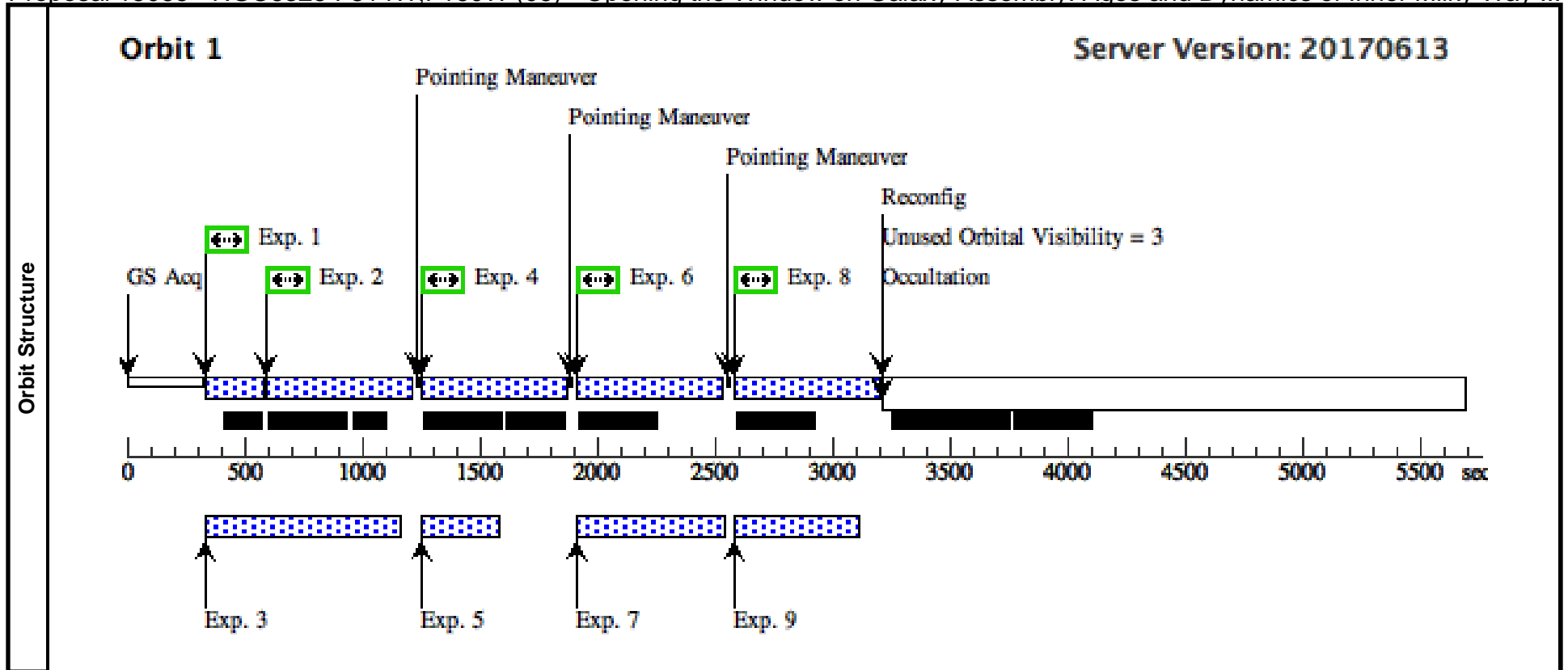
Visit	Proposal 15065, NGC6325 F606W,F110W (05) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 47D TO 67 D; ORIENT 130D TO 163 D; ORIENT 227D TO 245 D; ORIENT 312D TO 340 D										
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (2) NGC-6325 RA: 17 17 57.6345 (259.4901438d) Dec: -23 45 22.55 (-23.75626d) Equinox: J2000 Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	F606W short	(2) NGC-6325	ACS/WFC, ACCUM, WFCENTER	F606W			SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6325 F606W,F110W (05)	30 Secs (30 Secs) [==>]	[1]
	2	F606W Long 1	(2) NGC-6325	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6325 F606W,F110W (05)	498 Secs (494 Secs) [==>494.0 Secs]	[1]
	3	F110W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6325 F606W,F110W (05)	799.232938 Secs (799.233 Secs) [==>]	[1]
	4	F606W Long 2	(2) NGC-6325	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6325 F606W,F110W (05)	498 Secs (494 Secs) [==>494.0 Secs]	[1]
	5	F110W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6325 F606W,F110W (05)	299.231323 Secs (299.231 Secs) [==>]	[1]
	6	F606W Long 3	(2) NGC-6325	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6325 F606W,F110W (05)	498 Secs (494 Secs) [==>494.0 Secs]	[1]
	7	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6325 F606W,F110W (05)	599.232292 Secs (599.232 Secs) [==>]	[1]
	8	F606W Long 4	(2) NGC-6325	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6325 F606W,F110W (05)	498 Secs (494 Secs) [==>494.0 Secs]	[1]
	9	F110W nsa mp=11	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=11; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6325 F606W,F110W (05)	499.231969 Secs (499.232 Secs) [==>]	[1]



Proposal 15065 - NGC6325 F814W,F160W (06) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

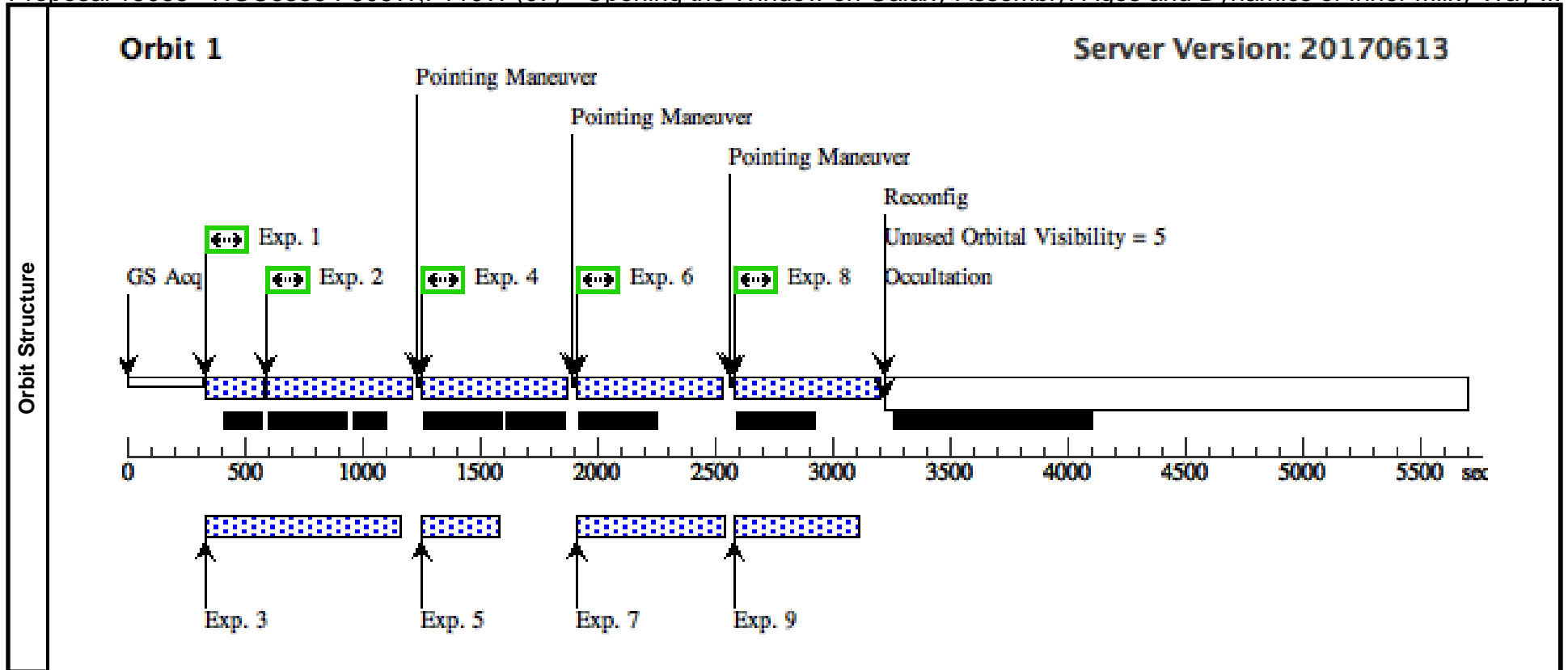
Visit	Proposal 15065, NGC6325 F814W,F160W (06) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 05																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>NGC-6325</td> <td>RA: 17 17 57.6345 (259.4901438d) Dec: -23 45 22.55 (-23.75626d) Equinox: J2000</td> <td></td> <td>V=10.33</td> <td>Reference Frame: NED</td> </tr> </tbody> </table> <p><i>Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	NGC-6325	RA: 17 17 57.6345 (259.4901438d) Dec: -23 45 22.55 (-23.75626d) Equinox: J2000		V=10.33
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(2)	NGC-6325	RA: 17 17 57.6345 (259.4901438d) Dec: -23 45 22.55 (-23.75626d) Equinox: J2000		V=10.33	Reference Frame: NED																	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit												
	1	F814W short	(2) NGC-6325	ACS/WFC, ACCUM, WFCENTER	F814W			SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6325 F814W,F160W (06)	30 Secs (30 Secs) [==>]	[1]											
	2	F814W Long 1	(2) NGC-6325	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6325 F814W,F160W (06)	509 Secs (493 Secs) [==>493.0 Secs]	[1]											
	3	F160W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6325 F814W,F160W (06)	799.232938 Secs (799.233 Secs) [==>]	[1]											
	4	F814W Long 2	(2) NGC-6325	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6325 F814W,F160W (06)	509 Secs (493 Secs) [==>493.0 Secs]	[1]											
	5	F160W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6325 F814W,F160W (06)	299.231323 Secs (299.231 Secs) [==>]	[1]											
	6	F814W Long 3	(2) NGC-6325	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6325 F814W,F160W (06)	509 Secs (493 Secs) [==>493.0 Secs]	[1]											
	7	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6325 F814W,F160W (06)	599.232292 Secs (599.232 Secs) [==>]	[1]											
	8	F814W Long 4	(2) NGC-6325	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6325 F814W,F160W (06)	509 Secs (493 Secs) [==>493.0 Secs]	[1]											
	9	F160W nsa mp=11	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=11; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6325 F814W,F160W (06)	499.231969 Secs (499.232 Secs) [==>]	[1]											



Proposal 15065 - NGC6355 F606W,F110W (07) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

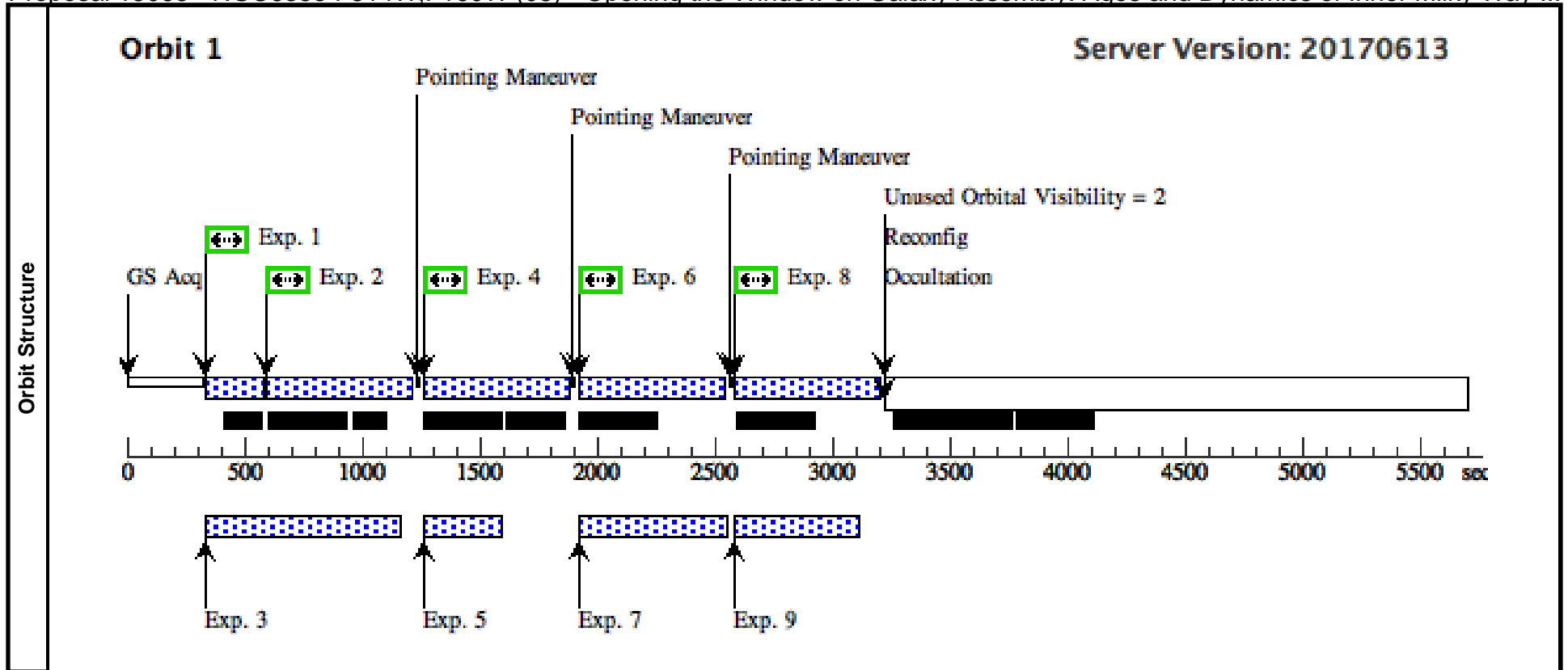
Visit	Proposal 15065, NGC6355 F606W,F110W (07) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 37D TO 58 D; ORIENT 125D TO 151 D; ORIENT 219D TO 246 D; ORIENT 305D TO 328 D										
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (4) NGC-6355 RA: 17 24 0.7578 (261.0031575d) Dec: -26 21 34.96 (-26.35971d) Equinox: J2000 Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	F606W short	(4) NGC-6355	ACS/WFC, ACCUM, WFCENTER	F606W			SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6355 F606W,F110W (07)	30 Secs (30 Secs) [==>]	[1]
	2	F606W Long 1	(4) NGC-6355	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6355 F606W,F110W (07)	498 Secs (495 Secs) [==>495.0 Secs]	[1]
	3	F110W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6355 F606W,F110W (07)	799.232938 Secs (799.233 Secs) [==>]	[1]
	4	F606W Long 2	(4) NGC-6355	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6355 F606W,F110W (07)	498 Secs (495 Secs) [==>495.0 Secs]	[1]
	5	F110W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6355 F606W,F110W (07)	299.231323 Secs (299.231 Secs) [==>]	[1]
	6	F606W Long 3	(4) NGC-6355	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6355 F606W,F110W (07)	498 Secs (495 Secs) [==>495.0 Secs]	[1]
	7	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6355 F606W,F110W (07)	599.232292 Secs (599.232 Secs) [==>]	[1]
	8	F606W Long 4	(4) NGC-6355	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6355 F606W,F110W (07)	498 Secs (495 Secs) [==>495.0 Secs]	[1]
	9	F110W nsa mp=11	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=11; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6355 F606W,F110W (07)	499.231969 Secs (499.232 Secs) [==>]	[1]



Proposal 15065 - NGC6355 F814W,F160W (08) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

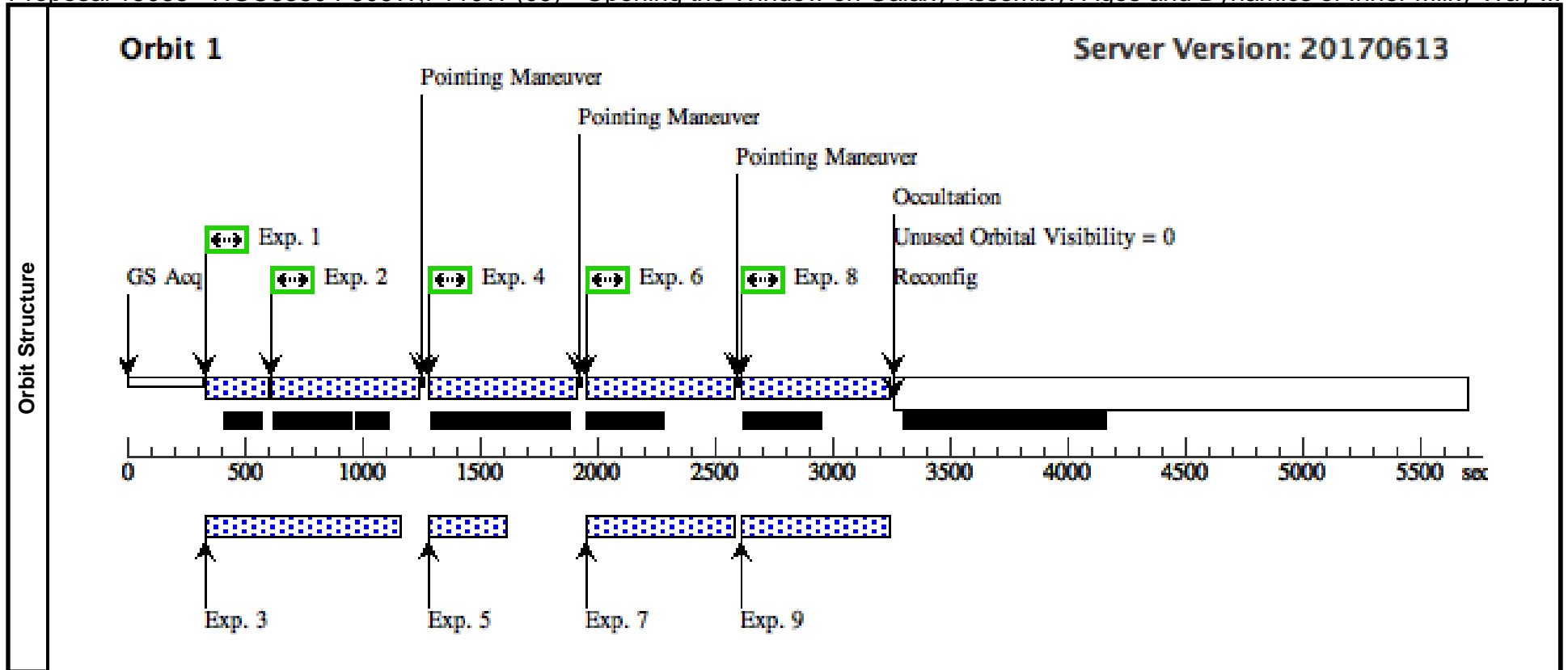
Visit	Proposal 15065, NGC6355 F814W,F160W (08) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 07																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(4)</td> <td>NGC-6355</td> <td>RA: 17 24 0.7578 (261.0031575d) Dec: -26 21 34.96 (-26.35971d) Equinox: J2000</td> <td></td> <td>V=9.14</td> <td>Reference Frame: NED</td> </tr> <tr> <td colspan="6"><i>Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS</i></td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(4)	NGC-6355	RA: 17 24 0.7578 (261.0031575d) Dec: -26 21 34.96 (-26.35971d) Equinox: J2000		V=9.14	Reference Frame: NED	<i>Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(4)	NGC-6355	RA: 17 24 0.7578 (261.0031575d) Dec: -26 21 34.96 (-26.35971d) Equinox: J2000		V=9.14	Reference Frame: NED																							
<i>Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS</i>																												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	F814W short	(4) NGC-6355	ACS/WFC, ACCUM, WFCENTER	F814W			SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6355 F814W,F160W (08)	30 Secs (30 Secs) [==>]	[1]																	
	2	F814W Long 1	(4) NGC-6355	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6355 F814W,F160W (08)	509 Secs (496 Secs) [==>496.0 Secs]	[1]																	
	3	F160W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6355 F814W,F160W (08)	799.232938 Secs (799.233 Secs) [==>]	[1]																	
	4	F814W Long 2	(4) NGC-6355	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6355 F814W,F160W (08)	509 Secs (496 Secs) [==>496.0 Secs]	[1]																	
	5	F160W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6355 F814W,F160W (08)	299.231323 Secs (299.231 Secs) [==>]	[1]																	
	6	F814W Long 3	(4) NGC-6355	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6355 F814W,F160W (08)	509 Secs (496 Secs) [==>496.0 Secs]	[1]																	
	7	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6355 F814W,F160W (08)	599.232292 Secs (599.232 Secs) [==>]	[1]																	
	8	F814W Long 4	(4) NGC-6355	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6355 F814W,F160W (08)	509 Secs (496 Secs) [==>496.0 Secs]	[1]																	
	9	F160W nsa mp=11	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=11; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6355 F814W,F160W (08)	499.231969 Secs (499.232 Secs) [==>]	[1]																	



Proposal 15065 - NGC6380 F606W,F110W (09) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

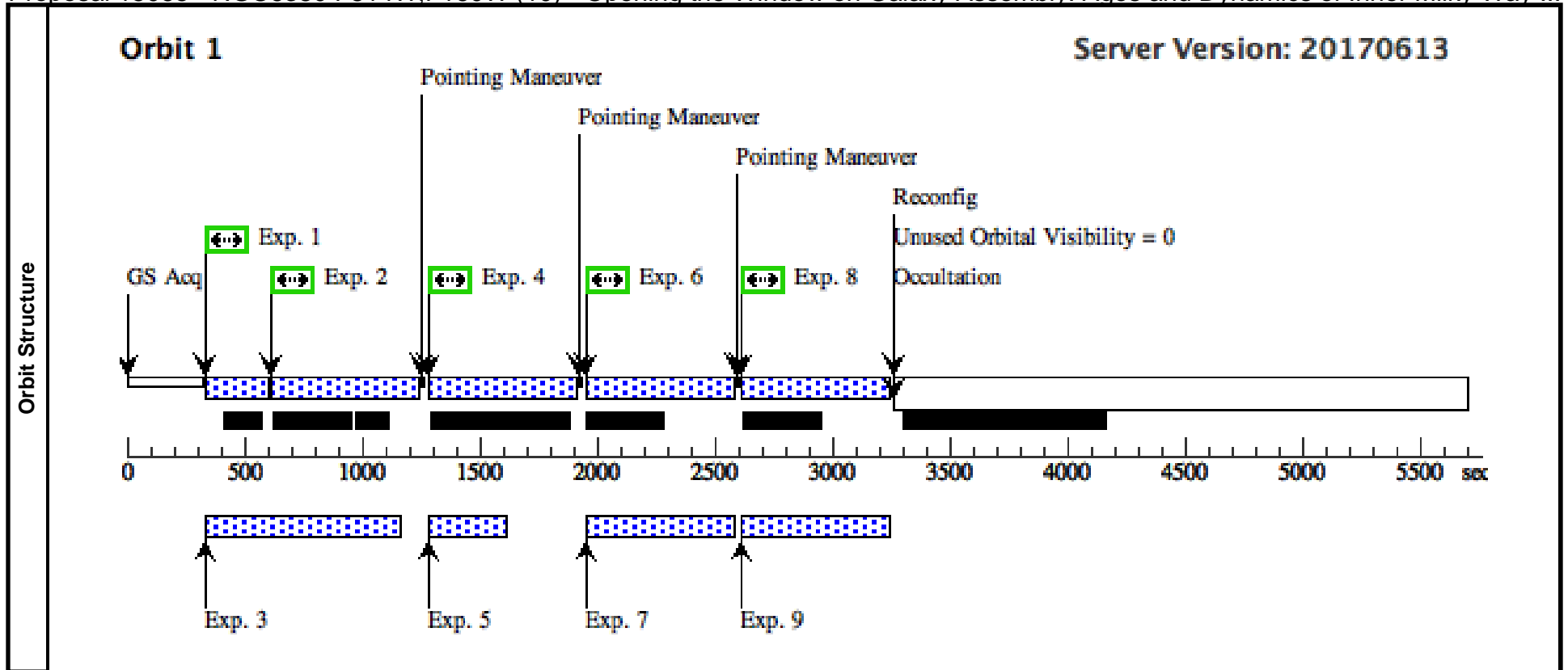
Visit	Proposal 15065, NGC6380 F606W,F110W (09) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 37D TO 59 D; ORIENT 122D TO 152 D; ORIENT 217D TO 237 D; ORIENT 301D TO 330 D																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>NGC-6380</td> <td>RA: 17 34 26.0056 (263.6083567d) Dec: -39 03 37.89 (-39.06052d) Equinox: J2000</td> <td></td> <td>V=11.31</td> <td>Reference Frame: NED</td> </tr> </tbody> </table> Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	NGC-6380	RA: 17 34 26.0056 (263.6083567d) Dec: -39 03 37.89 (-39.06052d) Equinox: J2000		V=11.31
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(5)	NGC-6380	RA: 17 34 26.0056 (263.6083567d) Dec: -39 03 37.89 (-39.06052d) Equinox: J2000		V=11.31	Reference Frame: NED																	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit												
	1	F606W short	(5) NGC-6380	ACS/WFC, ACCUM, WFCENTER	F606W			SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6380 F606W,F110W (09)	60 Secs (60 Secs) [==>]	[1]											
	2	F606W Long 1	(5) NGC-6380	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6380 F606W,F110W (09)	498 Secs (502 Secs) [==>502.0 Secs]	[1]											
	3	F110W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6380 F606W,F110W (09)	799.232938 Secs (799.233 Secs) [==>]	[1]											
	4	F606W Long 2	(5) NGC-6380	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6380 F606W,F110W (09)	498 Secs (502 Secs) [==>502.0 Secs]	[1]											
	5	F110W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6380 F606W,F110W (09)	299.231323 Secs (299.231 Secs) [==>]	[1]											
	6	F606W Long 3	(5) NGC-6380	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6380 F606W,F110W (09)	498 Secs (502 Secs) [==>502.0 Secs]	[1]											
	7	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6380 F606W,F110W (09)	599.232292 Secs (599.232 Secs) [==>]	[1]											
	8	F606W Long 4	(5) NGC-6380	ACS/WFC, ACCUM, WFCENTER	F606W			POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6380 F606W,F110W (09)	498 Secs (502 Secs) [==>502.0 Secs]	[1]											
	9	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6380 F606W,F110W (09)	599.232292 Secs (599.232 Secs) [==>]	[1]											



Proposal 15065 - NGC6380 F814W,F160W (10) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

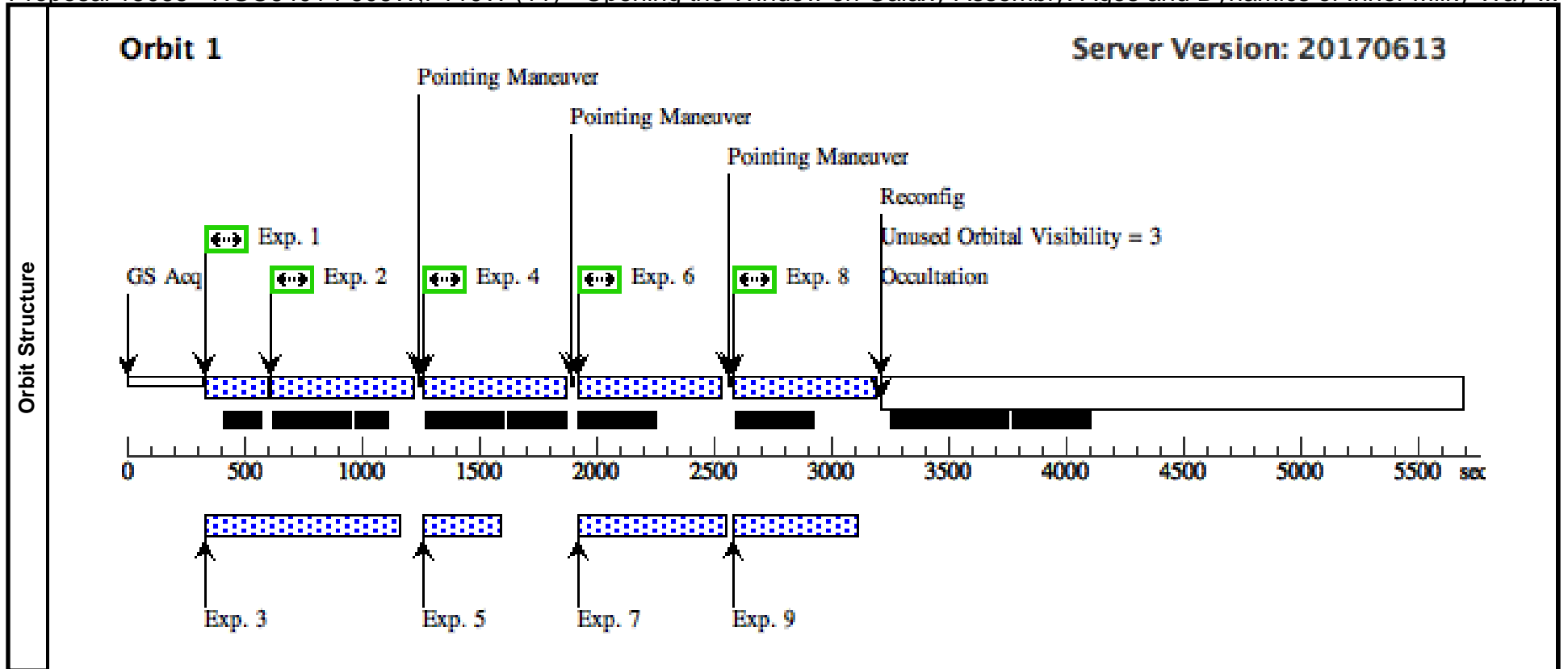
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	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>NGC-6380</td> <td>RA: 17 34 26.0056 (263.6083567d) Dec: -39 03 37.89 (-39.06052d) Equinox: J2000</td> <td></td> <td>V=11.31</td> <td>Reference Frame: NED</td> </tr> </tbody> </table> <p><i>Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	NGC-6380	RA: 17 34 26.0056 (263.6083567d) Dec: -39 03 37.89 (-39.06052d) Equinox: J2000		V=11.31
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(5)	NGC-6380	RA: 17 34 26.0056 (263.6083567d) Dec: -39 03 37.89 (-39.06052d) Equinox: J2000		V=11.31	Reference Frame: NED																	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit												
	1	F814W short	(5) NGC-6380	ACS/WFC, ACCUM, WFCENTER	F814W			SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6380 F814W,F160W (10)	60 Secs (60 Secs) [==>]	[1]											
	2	F814W Long 1	(5) NGC-6380	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6380 F814W,F160W (10)	509 Secs (502 Secs) [==>502.0 Secs]	[1]											
	3	F160W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6380 F814W,F160W (10)	799.232938 Secs (799.233 Secs) [==>]	[1]											
	4	F814W Long 2	(5) NGC-6380	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6380 F814W,F160W (10)	509 Secs (502 Secs) [==>502.0 Secs]	[1]											
	5	F160W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6380 F814W,F160W (10)	299.231323 Secs (299.231 Secs) [==>]	[1]											
	6	F814W Long 3	(5) NGC-6380	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6380 F814W,F160W (10)	509 Secs (502 Secs) [==>502.0 Secs]	[1]											
	7	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6380 F814W,F160W (10)	599.232292 Secs (599.232 Secs) [==>]	[1]											
	8	F814W Long 4	(5) NGC-6380	ACS/WFC, ACCUM, WFCENTER	F814W			POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6380 F814W,F160W (10)	509 Secs (502 Secs) [==>502.0 Secs]	[1]											
	9	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6380 F814W,F160W (10)	599.232292 Secs (599.232 Secs) [==>]	[1]											



Proposal 15065 - NGC6401 F606W,F110W (11) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

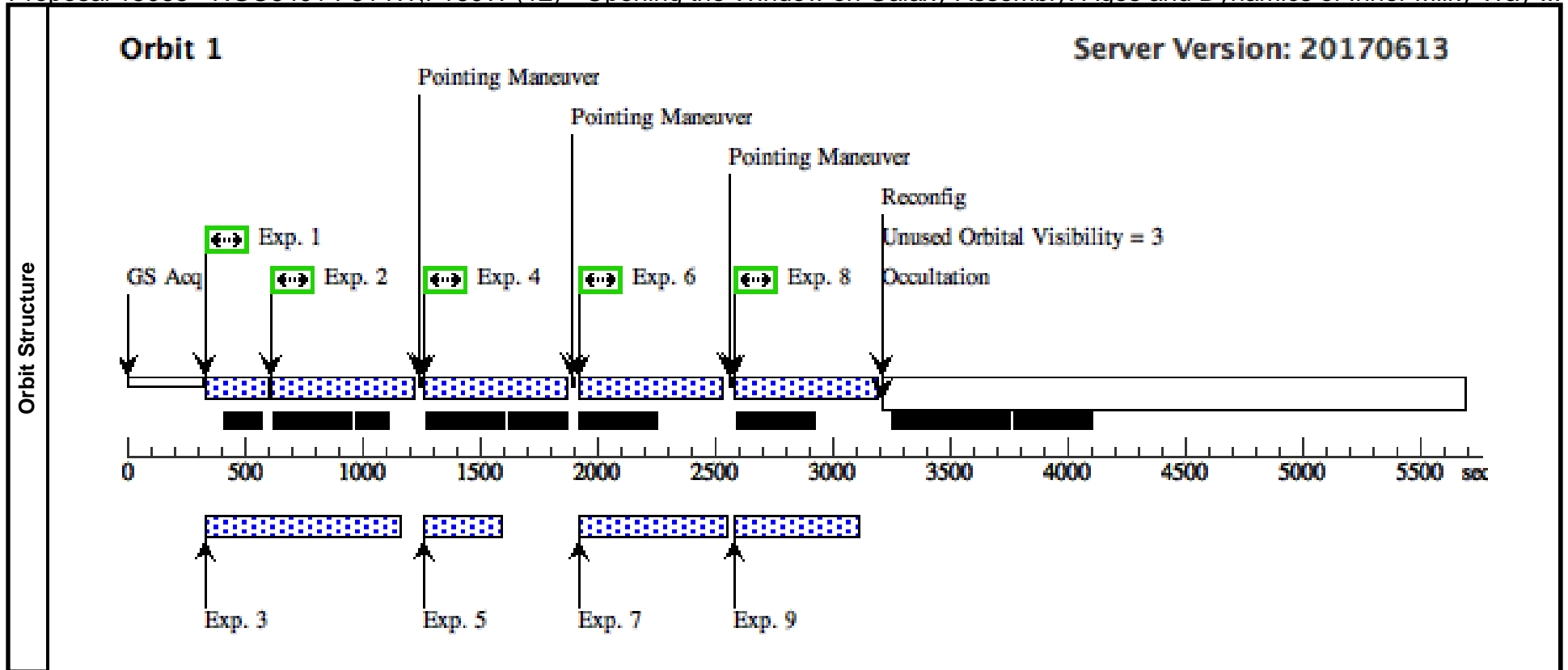
Visit	Proposal 15065, NGC6401 F606W,F110W (11) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 85D TO 100 D									
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (6) NGC-6401 RA: 17 38 37.5047 (264.6562696d) Dec: -23 54 25.61 (-23.90711d) Equinox: J2000 Comments: Target coords and ORIENTs set to allow ~full overlap with 1st epoch ACS/WFC								
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F606W short	(6) NGC-6401	ACS/WFC, ACCUM, WFC1	F606W		SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6401 F606W,F110W (11)	60 Secs (60 Secs) [==>]	[1]
	2	F606W Long 1	(6) NGC-6401	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6401 F606W,F110W (11)	498 Secs (487 Secs) [==>487.0 Secs]	[1]
	3	F110W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6401 F606W,F110W (11)	799.232938 Secs (799.233 Secs) [==>]	[1]
	4	F606W Long 2	(6) NGC-6401	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 3.997,4.141	Prime + Parallel Group 4-5 in NGC6401 F606W,F110W (11)	498 Secs (487 Secs) [==>487.0 Secs]	[1]
	5	F110W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6401 F606W,F110W (11)	299.231323 Secs (299.231 Secs) [==>]	[1]
	6	F606W Long 3	(6) NGC-6401	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6401 F606W,F110W (11)	498 Secs (487 Secs) [==>487.0 Secs]	[1]
	7	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6401 F606W,F110W (11)	599.232292 Secs (599.232 Secs) [==>]	[1]
	8	F606W Long 4	(6) NGC-6401	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6401 F606W,F110W (11)	498 Secs (487 Secs) [==>487.0 Secs]	[1]
	9	F110W nsa mp=11	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6401 F606W,F110W (11)	499.231969 Secs (499.232 Secs) [==>]	[1]



Proposal 15065 - NGC6401 F814W,F160W (12) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

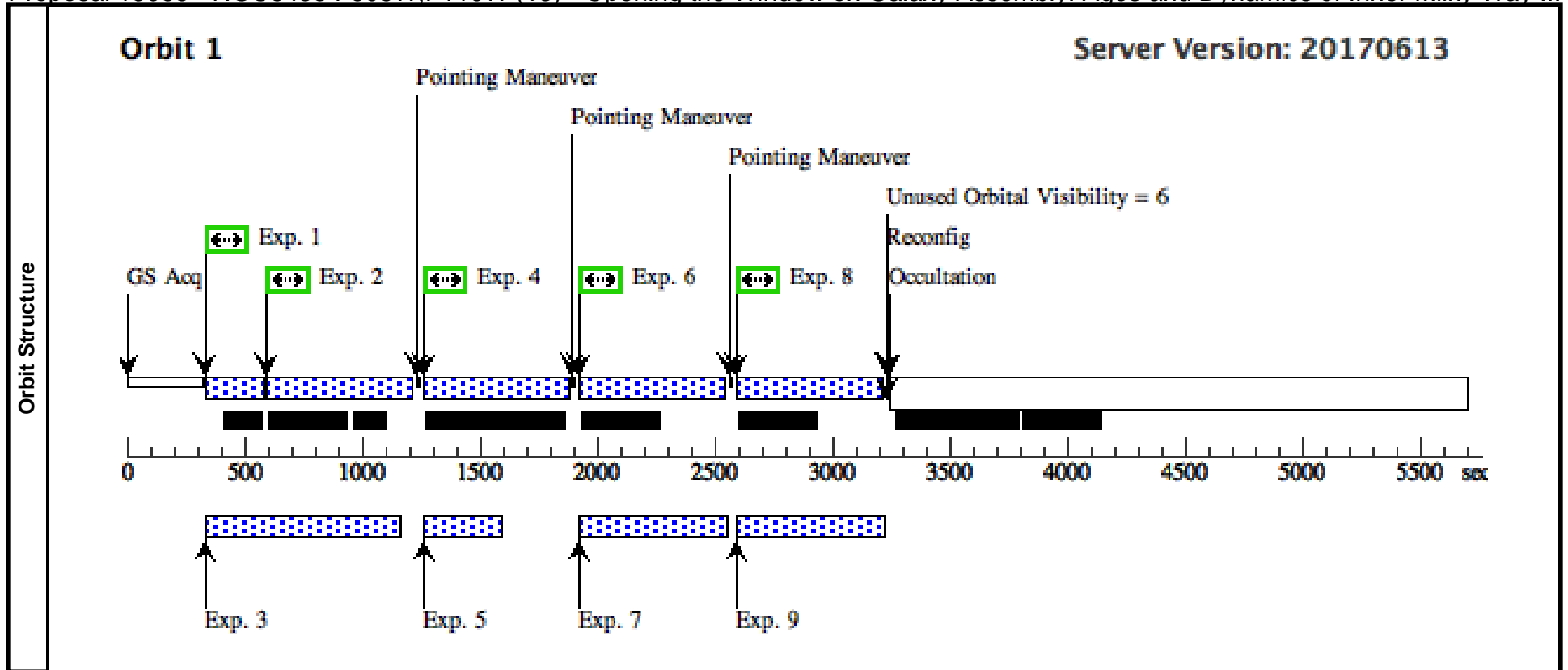
Visit	Proposal 15065, NGC6401 F814W,F160W (12) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 11									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(6)	NGC-6401	RA: 17 38 37.5047 (264.6562696d) Dec: -23 54 25.61 (-23.90711d) Equinox: J2000		V=9.45	Reference Frame: NED				
	<i>Comments: Target coords and ORIENTs set to allow ~full overlap with 1st epoch ACS/WFC</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F814W short	(6) NGC-6401	ACS/WFC, ACCUM, WFC1	F814W		SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6401 F814W,F160W (12)	60 Secs (60 Secs) [==>]	[1]
	2	F814W Long 1	(6) NGC-6401	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6401 F814W,F160W (12)	509 Secs (487 Secs) [==>487.0 Secs]	[1]
	3	F160W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6401 F814W,F160W (12)	799.232938 Secs (799.233 Secs) [==>]	[1]
	4	F814W Long 2	(6) NGC-6401	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6401 F814W,F160W (12)	509 Secs (487 Secs) [==>487.0 Secs]	[1]
	5	F160W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6401 F814W,F160W (12)	299.231323 Secs (299.231 Secs) [==>]	[1]
	6	F814W Long 3	(6) NGC-6401	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6401 F814W,F160W (12)	509 Secs (487 Secs) [==>487.0 Secs]	[1]
	7	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6401 F814W,F160W (12)	599.232292 Secs (599.232 Secs) [==>]	[1]
	8	F814W Long 4	(6) NGC-6401	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6401 F814W,F160W (12)	509 Secs (487 Secs) [==>487.0 Secs]	[1]
	9	F160W nsa mp=11	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6401 F814W,F160W (12)	499.231969 Secs (499.232 Secs) [==>]	[1]



Proposal 15065 - NGC6453 F606W,F110W (13) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

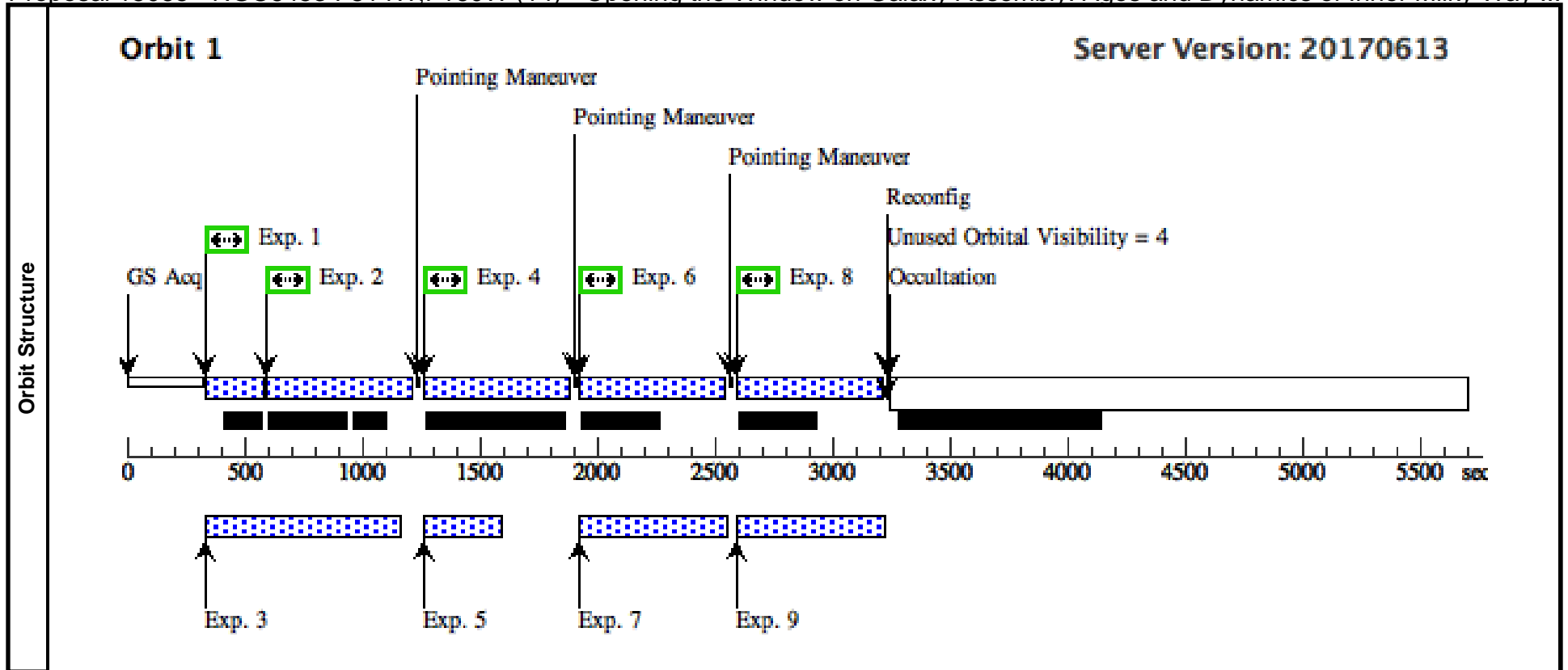
Visit	Proposal 15065, NGC6453 F606W,F110W (13) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 142D TO 168 D; ORIENT 327D TO 359 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(7)	NGC-6453	RA: 17 50 50.6505 (267.7110437d) Dec: -34 35 11.48 (-34.58652d) Equinox: J2000			V=10.08	Reference Frame: NED			
	<i>Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F606W short	(7) NGC-6453	ACS/WFC, ACCUM, WFCENTER	F606W		SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6453 F606W,F110W (13)	40 Secs (40 Secs) [==>]	[1]
	2	F606W Long 1	(7) NGC-6453	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6453 F606W,F110W (13)	498 Secs (498 Secs) [==>498.0 Secs]	[1]
	3	F110W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6453 F606W,F110W (13)	799.232938 Secs (799.233 Secs) [==>]	[1]
	4	F606W Long 2	(7) NGC-6453	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6453 F606W,F110W (13)	498 Secs (498 Secs) [==>498.0 Secs]	[1]
	5	F110W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6453 F606W,F110W (13)	299.231323 Secs (299.231 Secs) [==>]	[1]
	6	F606W Long 3	(7) NGC-6453	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6453 F606W,F110W (13)	498 Secs (498 Secs) [==>498.0 Secs]	[1]
	7	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6453 F606W,F110W (13)	599.232292 Secs (599.232 Secs) [==>]	[1]
	8	F606W Long 4	(7) NGC-6453	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6453 F606W,F110W (13)	498 Secs (498 Secs) [==>498.0 Secs]	[1]
	9	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6453 F606W,F110W (13)	599.232292 Secs (599.232 Secs) [==>]	[1]



Proposal 15065 - NGC6453 F814W,F160W (14) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

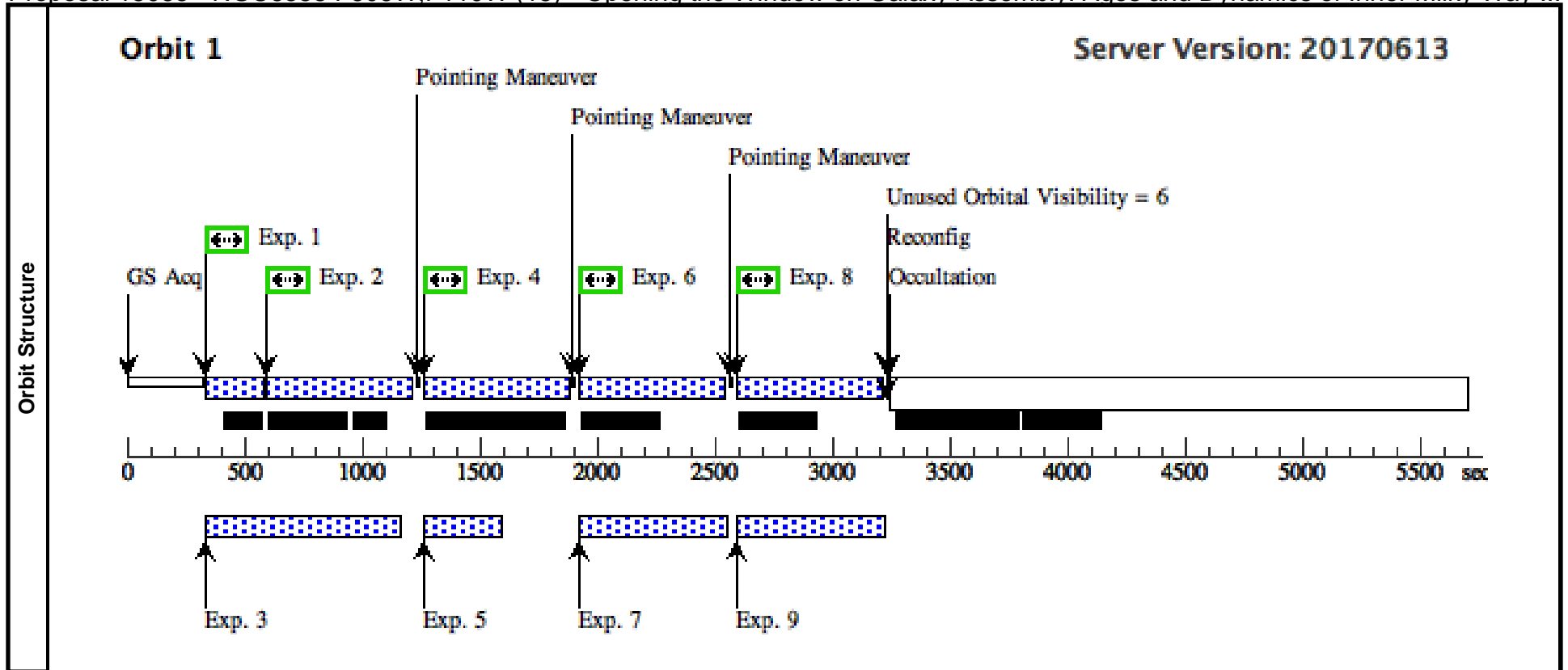
Visit	Proposal 15065, NGC6453 F814W,F160W (14) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 13									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(7)	NGC-6453	RA: 17 50 50.6505 (267.7110437d) Dec: -34 35 11.48 (-34.58652d) Equinox: J2000		V=10.08	Reference Frame: NED				
	<i>Comments: Target coords and ORIENTs set to allow full overlap with 1st epoch WFC3/UVIS</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F814W short	(7) NGC-6453	ACS/WFC, ACCUM, WFCENTER	F814W		SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6453 F814W,F160W (14)	30 Secs (30 Secs) [==>]	[1]
	2	F814W Long 1	(7) NGC-6453	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6453 F814W,F160W (14)	509 Secs (499 Secs) [==>499.0 Secs]	[1]
	3	F160W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6453 F814W,F160W (14)	799.232938 Secs (799.233 Secs) [==>]	[1]
	4	F814W Long 2	(7) NGC-6453	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6453 F814W,F160W (14)	509 Secs (499 Secs) [==>499.0 Secs]	[1]
	5	F160W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6453 F814W,F160W (14)	299.231323 Secs (299.231 Secs) [==>]	[1]
	6	F814W Long 3	(7) NGC-6453	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6453 F814W,F160W (14)	509 Secs (499 Secs) [==>499.0 Secs]	[1]
	7	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6453 F814W,F160W (14)	599.232292 Secs (599.232 Secs) [==>]	[1]
	8	F814W Long 4	(7) NGC-6453	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6453 F814W,F160W (14)	509 Secs (499 Secs) [==>499.0 Secs]	[1]
	9	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6453 F814W,F160W (14)	599.232292 Secs (599.232 Secs) [==>]	[1]



Proposal 15065 - NGC6558 F606W,F110W (15) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

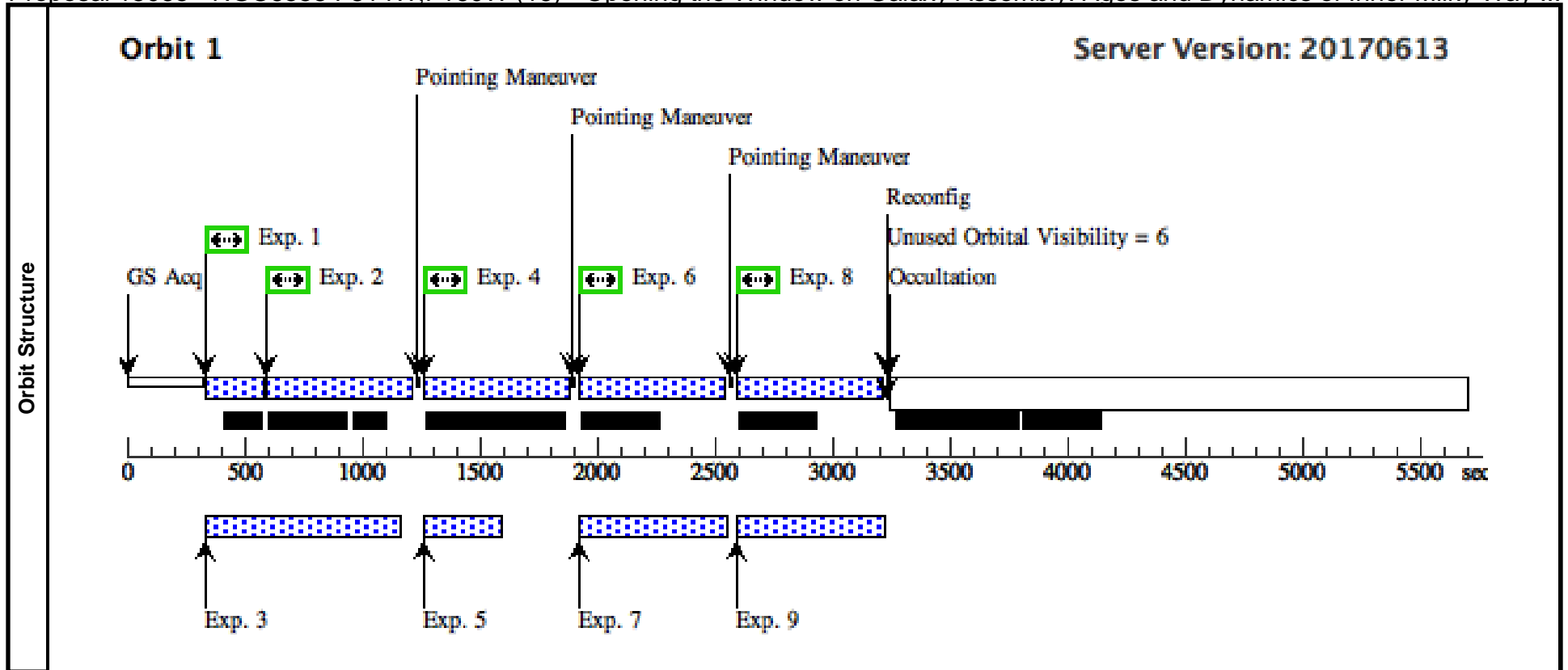
Visit	Proposal 15065, NGC6558 F606W,F110W (15) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 85D TO 95 D																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(8)</td> <td>NGC-6558</td> <td>RA: 18 10 17.9847 (272.5749363d) Dec: -31 45 45.08 (-31.76252d) Equinox: J2000</td> <td></td> <td>V=9.26</td> <td>Reference Frame: NED</td> </tr> </tbody> </table> <p><i>Comments: Target coords and ORIENTs set to allow ~full overlap with 1st epoch ACS/WFC</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(8)	NGC-6558	RA: 18 10 17.9847 (272.5749363d) Dec: -31 45 45.08 (-31.76252d) Equinox: J2000		V=9.26
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(8)	NGC-6558	RA: 18 10 17.9847 (272.5749363d) Dec: -31 45 45.08 (-31.76252d) Equinox: J2000		V=9.26	Reference Frame: NED																	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit												
	1	F606W short	(8) NGC-6558	ACS/WFC, ACCUM, WFC1	F606W			SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6558 F606W,F110W (15)	10 Secs (10 Secs) [==>]	[1]											
	2	F606W Long 1	(8) NGC-6558	ACS/WFC, ACCUM, WFC1	F606W			POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6558 F606W,F110W (15)	498 Secs (498 Secs) [==>498.0 Secs]	[1]											
	3	F110W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6558 F606W,F110W (15)	799.232938 Secs (799.233 Secs) [==>]	[1]											
	4	F606W Long 2	(8) NGC-6558	ACS/WFC, ACCUM, WFC1	F606W			POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6558 F606W,F110W (15)	498 Secs (498 Secs) [==>498.0 Secs]	[1]											
	5	F110W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6558 F606W,F110W (15)	299.231323 Secs (299.231 Secs) [==>]	[1]											
	6	F606W Long 3	(8) NGC-6558	ACS/WFC, ACCUM, WFC1	F606W			POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6558 F606W,F110W (15)	498 Secs (498 Secs) [==>498.0 Secs]	[1]											
	7	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6558 F606W,F110W (15)	599.232292 Secs (599.232 Secs) [==>]	[1]											
	8	F606W Long 4	(8) NGC-6558	ACS/WFC, ACCUM, WFC1	F606W			POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6558 F606W,F110W (15)	498 Secs (498 Secs) [==>498.0 Secs]	[1]											
	9	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W		NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6558 F606W,F110W (15)	599.232292 Secs (599.232 Secs) [==>]	[1]											



Proposal 15065 - NGC6558 F814W,F160W (16) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

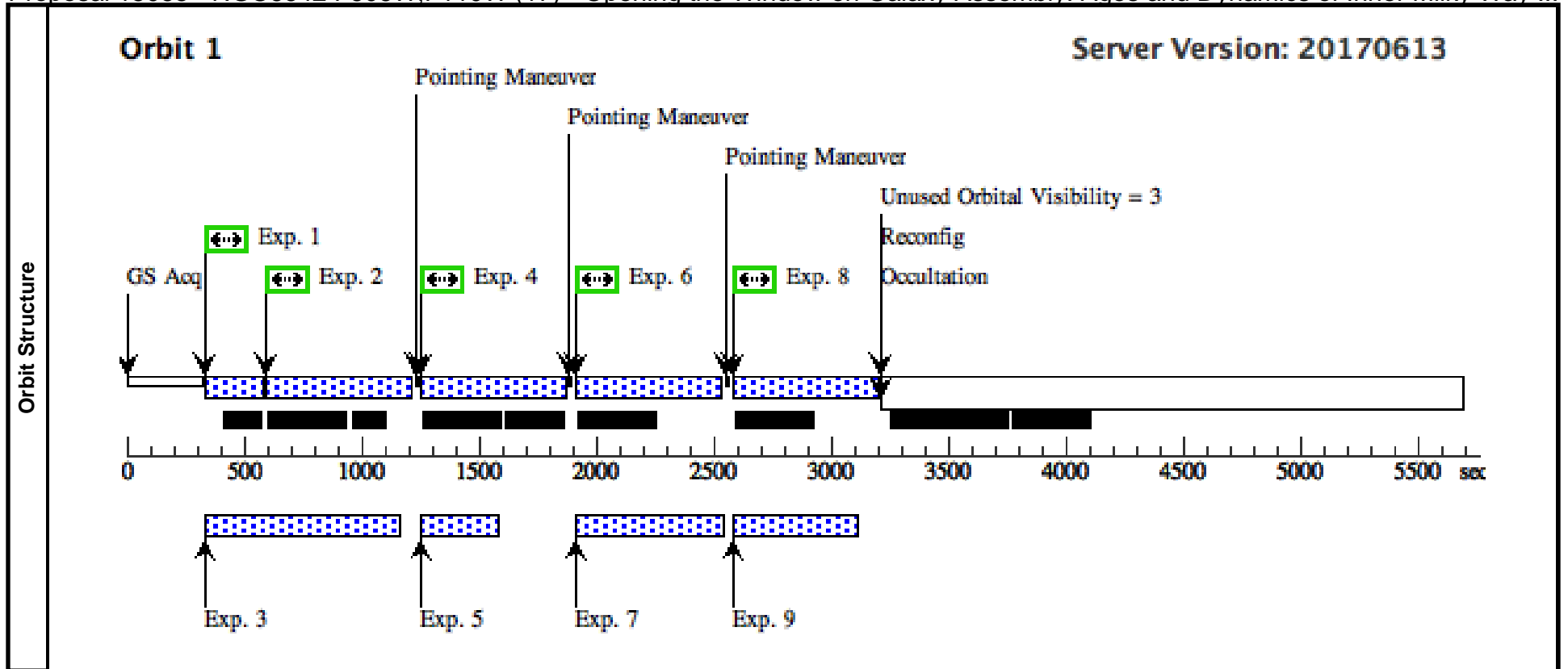
Visit	Proposal 15065, NGC6558 F814W,F160W (16) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 15									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(8)	NGC-6558	RA: 18 10 17.9847 (272.5749363d) Dec: -31 45 45.08 (-31.76252d) Equinox: J2000		V=9.26	Reference Frame: NED				
	<i>Comments: Target coords and ORIENTs set to allow ~full overlap with 1st epoch ACS/WFC</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F814W short	(8) NGC-6558	ACS/WFC, ACCUM, WFC1	F814W		SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6558 F814W,F160W (16)	10 Secs (10 Secs) [==>]	[1]
	2	F814W Long 1	(8) NGC-6558	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6558 F814W,F160W (16)	509 Secs (498 Secs) [==>498.0 Secs]	[1]
	3	F160W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6558 F814W,F160W (16)	799.232938 Secs (799.233 Secs) [==>]	[1]
	4	F814W Long 2	(8) NGC-6558	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6558 F814W,F160W (16)	509 Secs (498 Secs) [==>498.0 Secs]	[1]
	5	F160W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6558 F814W,F160W (16)	299.231323 Secs (299.231 Secs) [==>]	[1]
	6	F814W Long 3	(8) NGC-6558	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6558 F814W,F160W (16)	509 Secs (498 Secs) [==>498.0 Secs]	[1]
	7	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6558 F814W,F160W (16)	599.232292 Secs (599.232 Secs) [==>]	[1]
	8	F814W Long 4	(8) NGC-6558	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6558 F814W,F160W (16)	509 Secs (498 Secs) [==>498.0 Secs]	[1]
	9	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6558 F814W,F160W (16)	599.232292 Secs (599.232 Secs) [==>]	[1]



Proposal 15065 - NGC6642 F606W,F110W (17) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:48 GMT 2017

Visit	Proposal 15065, NGC6642 F606W,F110W (17) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: ORIENT 263D TO 273 D									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(9)	NGC-6642	RA: 18 31 53.7950 (277.9741458d) Dec: -23 28 41.29 (-23.47814d) Equinox: J2000		V=9.13	Reference Frame: NED				
	<i>Comments: Target coords and ORIENTs set to allow ~full overlap with 1st epoch ACS/WFC</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F606W short	(9) NGC-6642	ACS/WFC, ACCUM, WFC1	F606W		SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6642 F606W,F110W (17)	10 Secs (10 Secs) [==>]	[1]
	2	F606W Long 1	(9) NGC-6642	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6642 F606W,F110W (17)	498 Secs (493 Secs) [==>493.0 Secs]	[1]
	3	F110W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6642 F606W,F110W (17)	799.232938 Secs (799.233 Secs) [==>]	[1]
	4	F606W Long 2	(9) NGC-6642	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6642 F606W,F110W (17)	498 Secs (493 Secs) [==>493.0 Secs]	[1]
	5	F110W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6642 F606W,F110W (17)	299.231323 Secs (299.231 Secs) [==>]	[1]
	6	F606W Long 3	(9) NGC-6642	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6642 F606W,F110W (17)	498 Secs (493 Secs) [==>493.0 Secs]	[1]
	7	F110W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6642 F606W,F110W (17)	599.232292 Secs (599.232 Secs) [==>]	[1]
	8	F606W Long 4	(9) NGC-6642	ACS/WFC, ACCUM, WFC1	F606W		POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6642 F606W,F110W (17)	498 Secs (493 Secs) [==>493.0 Secs]	[1]
	9	F110W nsa mp=11	ANY	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=11; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6642 F606W,F110W (17)	499.231969 Secs (499.232 Secs) [==>]	[1]



Proposal 15065 - NGC6642 F814W,F160W (18) - Opening the Window on Galaxy Assembly: Ages and Dynamics of Inner Milky Way ...

Mon Jul 17 19:01:49 GMT 2017

Visit	Proposal 15065, NGC6642 F814W,F160W (18) Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, ACS/WFC Special Requirements: SAME ORIENT AS 17									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(9)	NGC-6642	RA: 18 31 53.7950 (277.9741458d) Dec: -23 28 41.29 (-23.47814d) Equinox: J2000		V=9.13	Reference Frame: NED				
	<i>Comments: Target coords and ORIENTs set to allow ~full overlap with 1st epoch ACS/WFC</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	F814W short	(9) NGC-6642	ACS/WFC, ACCUM, WFC1	F814W		SAME POS AS 2	Prime + Parallel Group 1-3 in NGC6642 F814W,F160W (18)	10 Secs (10 Secs) [==>]	[1]
	2	F814W Long 1	(9) NGC-6642	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 0.0,0.03 8	Prime + Parallel Group 1-3 in NGC6642 F814W,F160W (18)	509 Secs (493 Secs) [==>493.0 Secs]	[1]
	3	F160W nsa mp=14	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=STEP100		Prime + Parallel Group 1-3 in NGC6642 F814W,F160W (18)	799.232938 Secs (799.233 Secs) [==>]	[1]
	4	F814W Long 2	(9) NGC-6642	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 3.998,4.141	Prime + Parallel Group 4-5 in NGC6642 F814W,F160W (18)	509 Secs (493 Secs) [==>493.0 Secs]	[1]
	5	F160W nsa mp=9	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=9; SAMP-SEQ=STEP100		Prime + Parallel Group 4-5 in NGC6642 F814W,F160W (18)	299.231323 Secs (299.231 Secs) [==>]	[1]
	6	F814W Long 3	(9) NGC-6642	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 7.996,8.307	Prime + Parallel Group 6-7 in NGC6642 F814W,F160W (18)	509 Secs (493 Secs) [==>493.0 Secs]	[1]
	7	F160W nsa mp=12	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=12; SAMP-SEQ=STEP100		Prime + Parallel Group 6-7 in NGC6642 F814W,F160W (18)	599.232292 Secs (599.232 Secs) [==>]	[1]
	8	F814W Long 4	(9) NGC-6642	ACS/WFC, ACCUM, WFC1	F814W		POS TARG 11.994,12.436	Prime + Parallel Group 8-9 in NGC6642 F814W,F160W (18)	509 Secs (493 Secs) [==>493.0 Secs]	[1]
	9	F160W nsa mp=11	ANY	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=11; SAMP-SEQ=STEP100		Prime + Parallel Group 8-9 in NGC6642 F814W,F160W (18)	499.231969 Secs (499.232 Secs) [==>]	[1]

