



14182 - The Coma Cluster Core Project

Cycle: 23, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
Dr. Thomas H. Puzia (PI) (Contact)	Pontificia Universidad Catolica de Chile	tpuzia@astro.puc.cl
Dr. Paul Goudfrooij (CoI) (AdminUSPI)	Space Telescope Science Institute	goudfroo@stsci.edu
Prof. David Carter (CoI) (ESA Member)	Liverpool John Moores University	d.carter@ljmu.ac.uk
Prof. Puragra Guhathakurta (CoI)	University of California - Santa Cruz	raja@ucolick.org
Dr. Bahram Mobasher (CoI)	University of California - Riverside	mobasher@ucr.edu
Dr. Roberto P. Munoz (CoI)	Pontificia Universidad Catolica de Chile	rmunoz@astro.puc.cl
Dr. Paul Eigenthaler (CoI)	Pontificia Universidad Catolica de Chile	eigenth@astro.puc.cl
Ms. Yasna Ordenes (CoI)	Pontificia Universidad Catolica de Chile	yordenes@astro.puc.cl
Mr. Simon Angel (CoI)	Pontificia Universidad Catolica de Chile	sangel@astro.puc.cl
Mr. Matthew A. Taylor (CoI)	Pontificia Universidad Catolica de Chile	mtaylor@astro.puc.cl
Dr. Mark den Brok (CoI) (ESA Member)	Eidgenossische Technische Hochschule (ETH)	denbrokm@phys.ethz.ch
Dr. Elisa Toloba (CoI)	University of California - Santa Cruz	toloba@ucolick.org

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) TILE-01 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:16:29.0	yes
02	(2) TILE-02 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:16:32.0	yes

Proposal 14182 (STScI Edit Number: 4, Created: Friday, July 29, 2016 12:17:35 PM EST) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
03	(3) TILE-03 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:16:35.0	yes
04	(4) TILE-04 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:16:38.0	yes
05	(5) TILE-05 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:16:42.0	yes
06	(6) TILE-06 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:16:45.0	yes
07	(7) TILE-07 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:16:48.0	yes
08	(8) TILE-08 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:16:50.0	yes
09	(9) TILE-09 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:16:53.0	yes
10	(10) TILE-10 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:16:56.0	yes
11	(11) TILE-11 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:16:59.0	yes

Proposal 14182 (STScI Edit Number: 4, Created: Friday, July 29, 2016 12:17:35 PM EST) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
12	(12) TILE-12 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:17:02.0	yes
13	(13) TILE-13 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:17:05.0	yes
14	(14) TILE-14 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:17:08.0	yes
15	(15) TILE-15 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:17:11.0	yes
16	(16) TILE-16 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:17:13.0	yes
17	(17) TILE-17 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:17:17.0	yes
18	(18) TILE-18 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:17:20.0	yes
19	(19) TILE-19 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:17:22.0	yes
59	(22) TILE-19-COPY ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:17:25.0	yes

<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>
20	(20) TILE-20 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:17:28.0	yes
21	(21) TILE-21 ANY	ACS/WFC WFC3/IR WFC3/UVIS	3	29-Jul-2016 13:17:31.0	yes

66 Total Orbits Used

ABSTRACT

We propose to use WFC3 to perform a contiguous, high spatial resolution UV (F336W) and IR (F160W) survey of an area of ~ 100 square arcminutes in the core of the Coma cluster of galaxies. The area is already surveyed by our group in optical passbands with the ACS F475W and F814W filters. The new UV and IR data will be used, in combination with existing ACS data, for studies of the populations of Globular Clusters (GCs), Ultra-Compact Dwarf Galaxies (UCDs), and Nuclear Star Clusters (NSCs) in Coma galaxies and in the cluster environment. Using an innovative technique developed by members of our team, we can essentially eliminate foreground and background contamination from samples of compact stellar systems. This allows us, for the first time, to perform the most detailed assessment and study of the very large population of Intracluster GCs in a nearby rich cluster (i.e. Coma), to find why this population is so abundant, and why it contains such a significant metal-rich component, which is unexpected if the origin is from stripping of clusters from low-mass dwarf galaxies. For NSCs, the additional passbands will allow us to test predictions of the relationship between NSC properties and age and metallicity gradients in the host galaxies, which in turn helps to understand the NSC formation mechanisms, and the timescale and feedback process that truncate the star formation. This is the last opportunity to perform a rest-frame UV survey at $z=0$, given the rapidly declining capability of WFC3/UVIS and the fact that there is no prospect for a future UV space mission for decades to come.

OBSERVING DESCRIPTION

We target the core region of the Coma galaxy cluster. The observations are arranged in a mosaic of 21 pointings (as illustrated in Figure 2 of the phase I proposal, with corresponding tile numbers increasing E $\rightarrow$ W and S $\rightarrow$ N, starting with the SE corner). The observation for each tile are completed in one visit, which consists of three primary orbits and coordinated parallel observations. To optimize the footprint of the parallel observations we request the HST roll angle to be constrained to place ACS/WFC and WFC3 along the optimal orientation of 320 degrees for the two

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southernmost rows of mosaic tiles (1-14 and 18), and 140 degrees for the remaining tiles (15-17 and 19-21), both constraints having a tolerance within ± 10 degrees. However, once a roll angle is set for each of the two subsets, all tiles in each subset shall be observed with the same roll angle in order to preserve field coherence and data homogeneity. This will also guarantee that the survey footprint of archival ACS data is expanded by $\sim 65\%$.

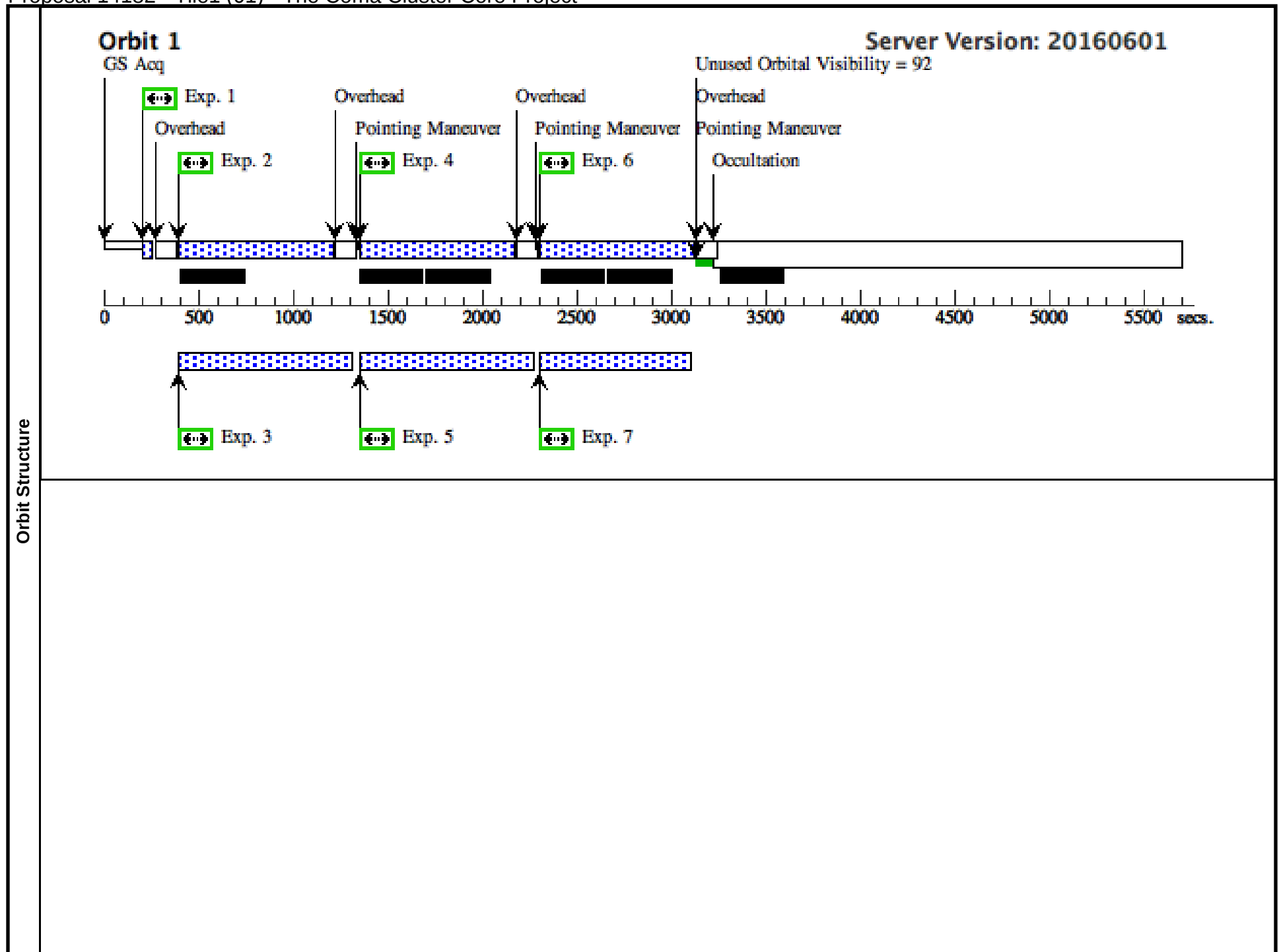
The primary observations are conducted with WFC3/UVIS+F336W (2 orbits) and WFC3/IR+F160W (1 orbit). Coordinated observations are taken with ACS/WFC+F475W in parallel with WFC3/UVIS, and with ACS/WFC+F814W in parallel with the WFC3/IR frames. At least two dithered positions are used for each filter to allow a robust elimination of hot pixels and cosmic ray hits during the analysis. The F336W observations include one short exposure at the beginning of each orbit to avoid source saturation. Within the buffer dump constraints of the primary observations we obtain three sub-exposures per orbit in F475W and three long and one shorter exposure in F814W with ACS.

Proposal 14182 - Tile1 (01) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile1 (01), completed Fri Jul 29 17:17:35 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 310D TO 330 D <i>Comments: SE corner</i>				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	TILE-01	RA: 13 00 37.7059 (195.1571079d) Dec: +27 55 41.31 (27.92814d) Equinox: J2000		V=14.08 B=15.2 H=11.576
<i>Comments: Flux of brightest galaxy NGC4906 is V=14.08 mag. Brightest star in FOV has B=15.06, V=14.4, H=12.71 (2MASS J13003781+2755236).</i> Extended=YES					

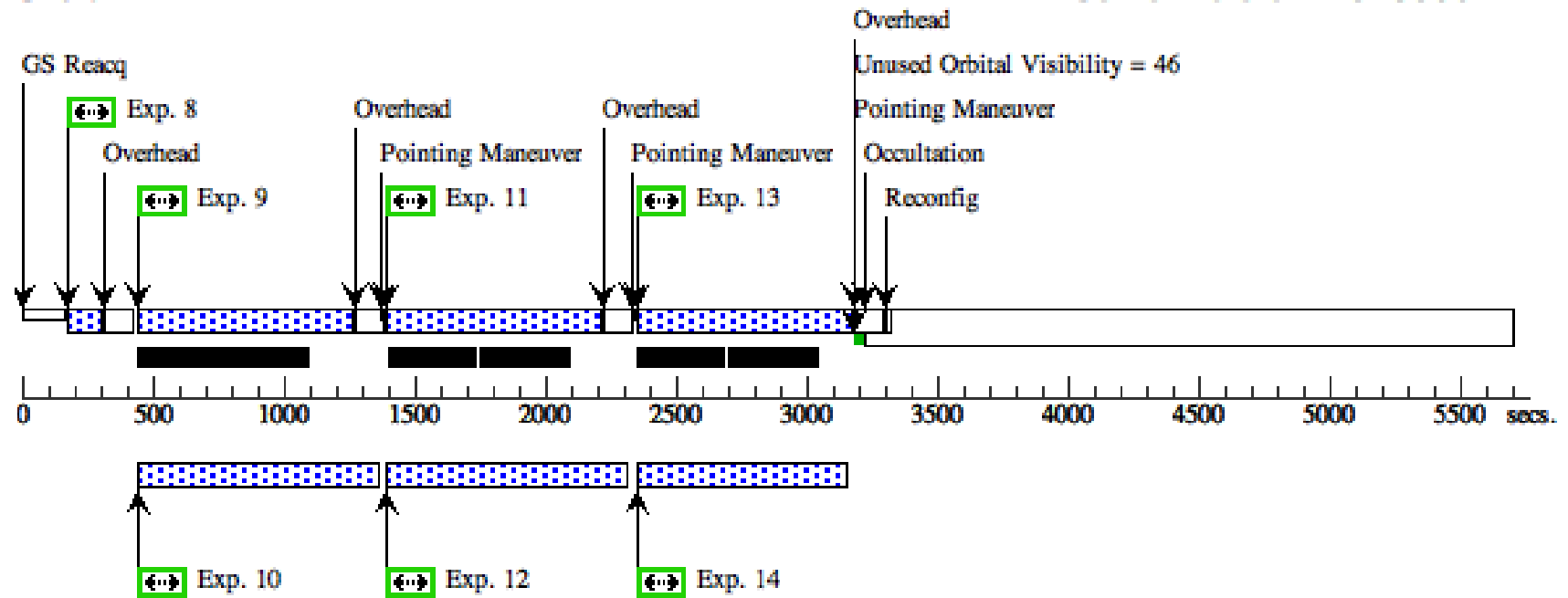
Proposal 14182 - Tile1 (01) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(1) TILE-01	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O SINGLE		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(1) TILE-01	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Gro up 2-3 in Tile1 (01)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 2-3 in Tile1 (01)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(1) TILE-01	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2 2	Prime + Parallel Gro up 4-5 in Tile1 (01)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 4-5 in Tile1 (01)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(1) TILE-01	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4 4	Prime + Parallel Gro up 6-7 in Tile1 (01)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 6-7 in Tile1 (01)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(1) TILE-01	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0. 055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(1) TILE-01	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Gro up 9-10 in Tile1 (01)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 9-10 in Tile1 (01)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(1) TILE-01	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0. 275	Prime + Parallel Gro up 11-12 in Tile1 (01)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 11-12 in Tile1 (01)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(1) TILE-01	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0. 495	Prime + Parallel Gro up 13-14 in Tile1 (01)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 13-14 in Tile1 (01)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(1) TILE-01	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 15-16 in Tile1 (01)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 15-16 in Tile1 (01)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	[3]
									[==>830.0 Secs (Copy 2)]	
	17	IR2	(1) TILE-01	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0. 325	Prime + Parallel Gro up 17-18 in Tile1 (01)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 17-18 in Tile1 (01)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	[3]
									[==>605.0 Secs (Copy 2)]	



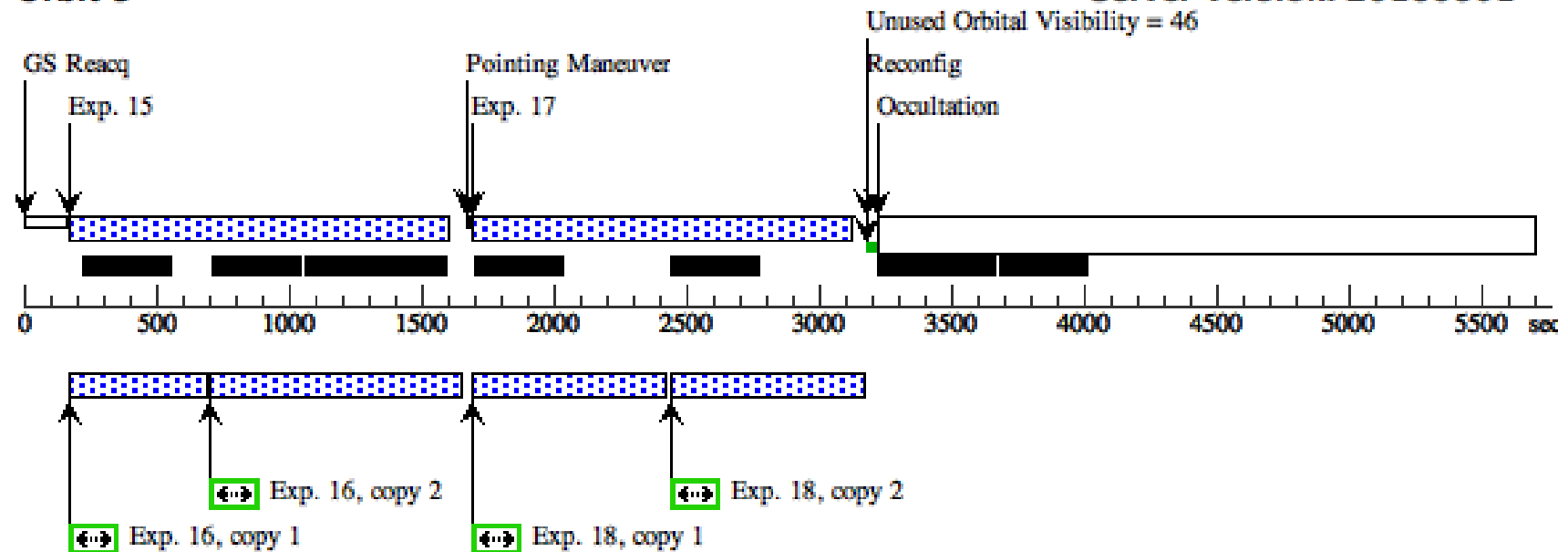
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

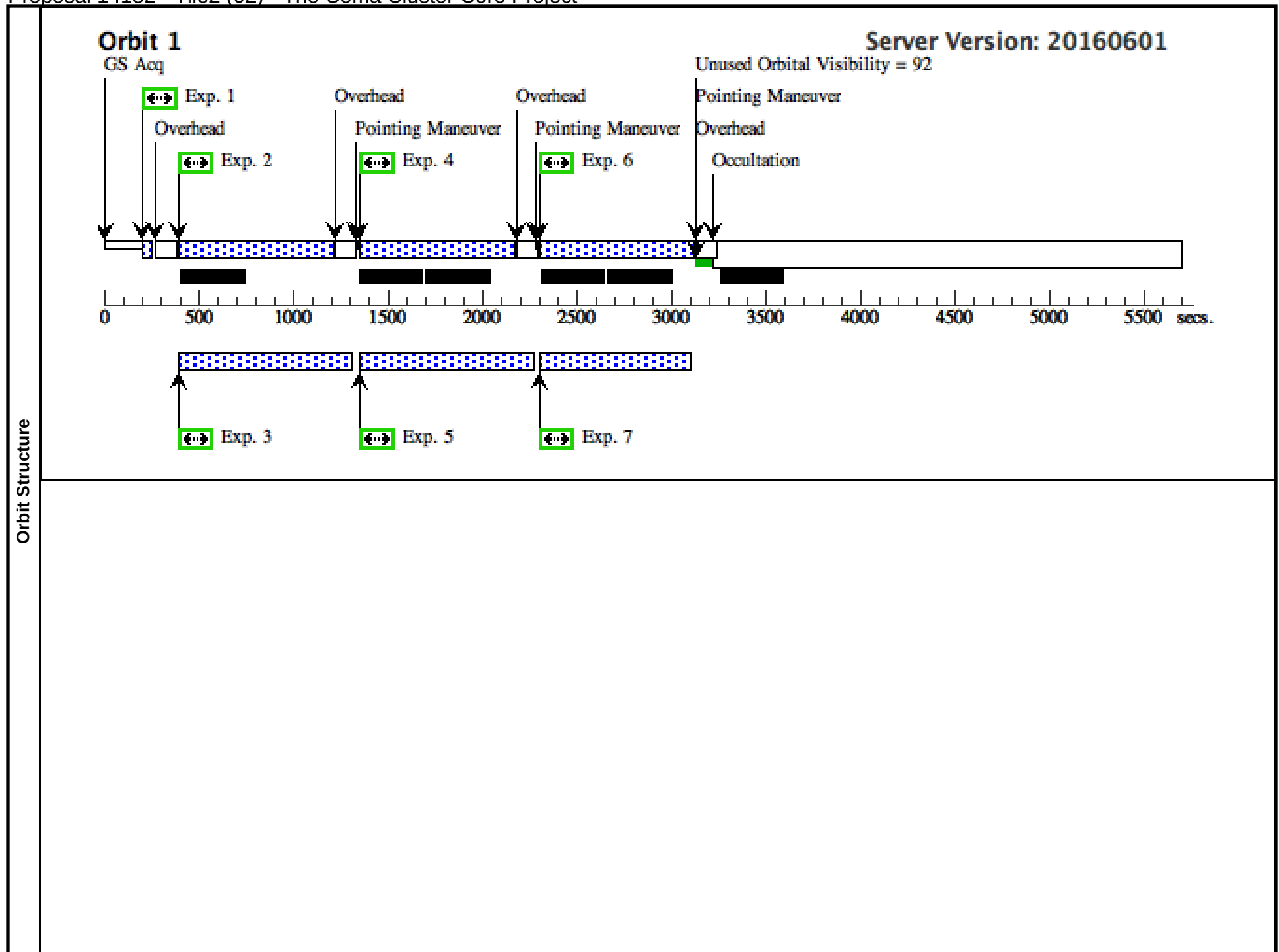


Proposal 14182 - Tile2 (02) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile2 (02), implementation Fri Jul 29 17:17:35 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 325D TO 325 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(2)	TILE-02	RA: 13 00 25.4130 (195.1058875d) Dec: +27 55 42.13 (27.92837d) Equinox: J2000		V=15.7 B=16.66 H=13.49
Comments: Flux of brightest galaxy SDSS J130024.82+275535.8 is V=17.3 mag. Brightest star in FOV has B=16.66, V=15.7, H=13.49 (2MASS J13002799+2754384). Extended=YES					

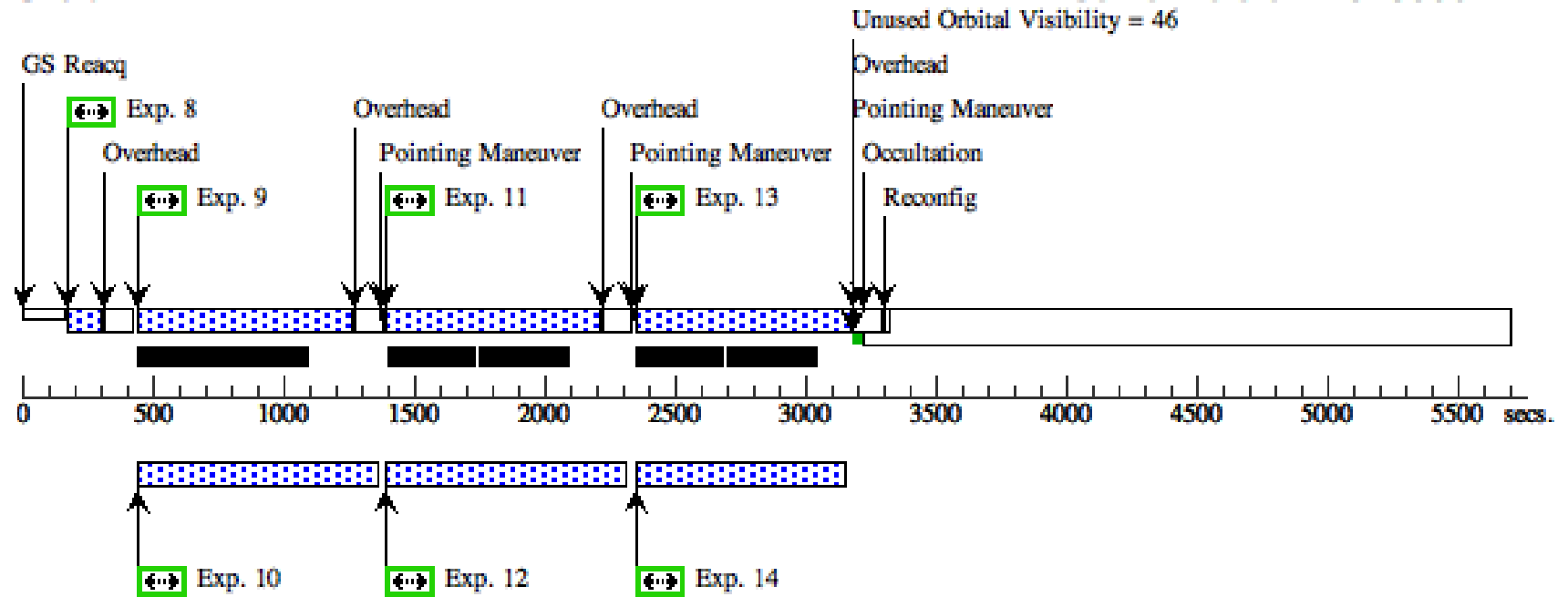
Proposal 14182 - Tile2 (02) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(2) TILE-02	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O SINGLE		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(2) TILE-02	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Gro up 2-3 in Tile2 (02)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 2-3 in Tile2 (02)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(2) TILE-02	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2 2	Prime + Parallel Gro up 4-5 in Tile2 (02)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 4-5 in Tile2 (02)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(2) TILE-02	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4 4	Prime + Parallel Gro up 6-7 in Tile2 (02)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 6-7 in Tile2 (02)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(2) TILE-02	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0. 055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(2) TILE-02	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Gro up 9-10 in Tile2 (02)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 9-10 in Tile2 (02)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(2) TILE-02	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0. 275	Prime + Parallel Gro up 11-12 in Tile2 (02)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 11-12 in Tile2 (02)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(2) TILE-02	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0. 495	Prime + Parallel Gro up 13-14 in Tile2 (02)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 13-14 in Tile2 (02)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(2) TILE-02	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 15-16 in Tile2 (02)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 15-16 in Tile2 (02)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	[3]
									[==>830.0 Secs (Copy 2)]	
	17	IR2	(2) TILE-02	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0. 325	Prime + Parallel Gro up 17-18 in Tile2 (02)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 17-18 in Tile2 (02)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	[3]
									[==>605.0 Secs (Copy 2)]	



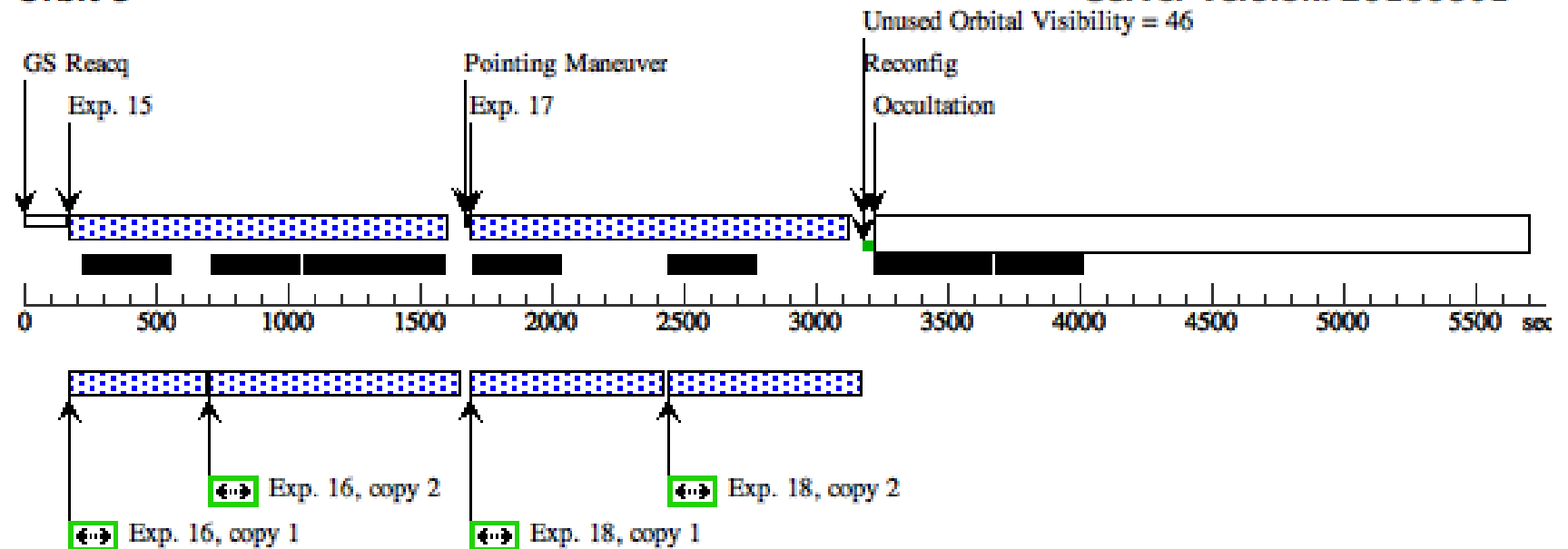
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

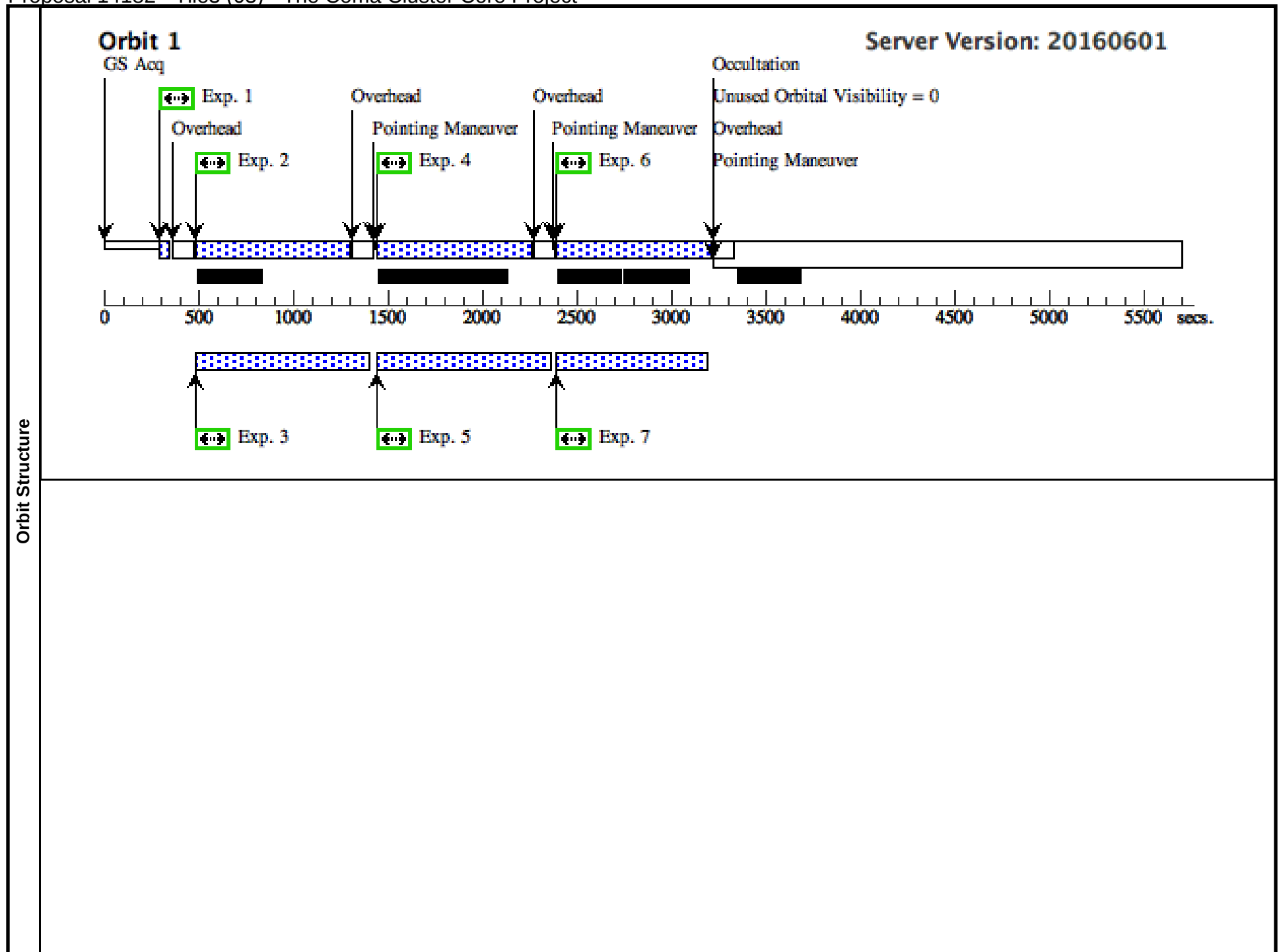


Proposal 14182 - Tile3 (03) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile3 (03), completed Fri Jul 29 17:17:35 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 310D TO 330 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	TILE-03	RA: 13 00 13.1199 (195.0546662d) Dec: +27 55 42.85 (27.92857d) Equinox: J2000		V=12.32 B=12.55 H=11.19
Comments: Flux of brightest galaxy 2MASX J13001877+2756135 is B=15.8 mag. Brightest star in FOV has B=12.55, V=12.32, H=11.19 (TYC 1995-1988-1). Extended=YES					

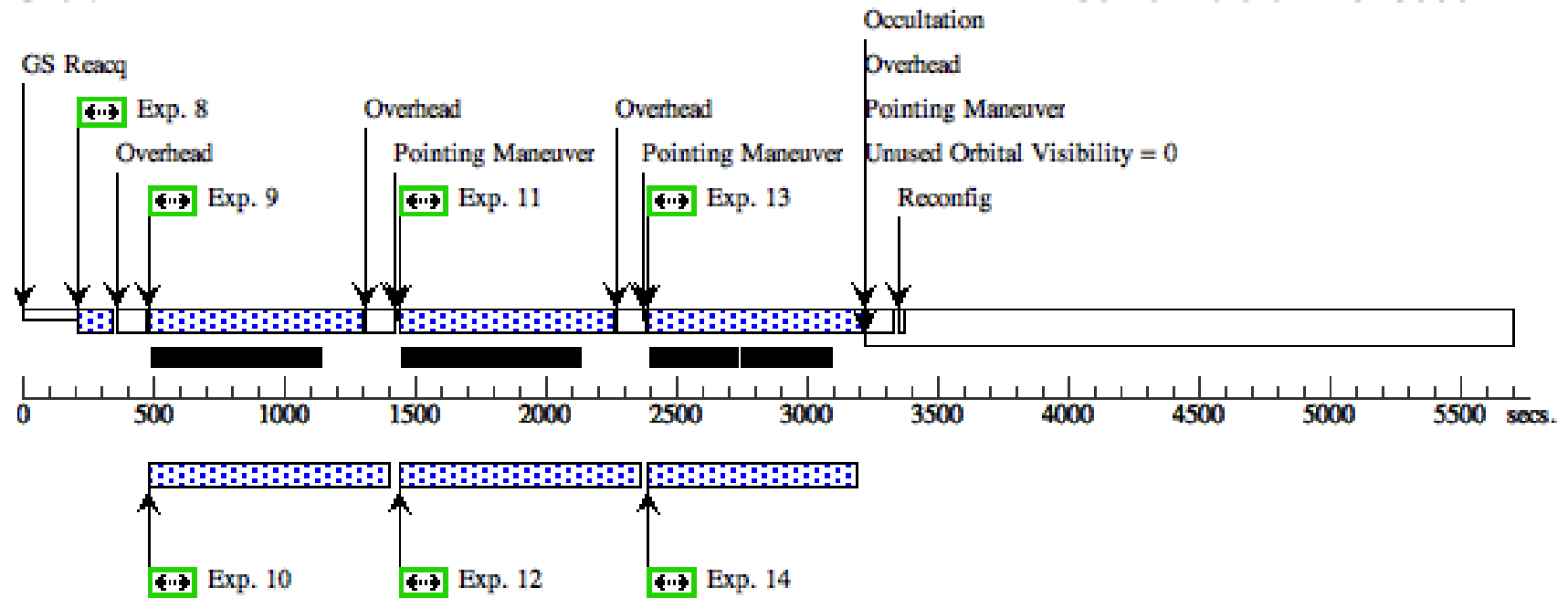
Proposal 14182 - Tile3 (03) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(3) TILE-03	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12			21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(3) TILE-03	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile3 (03)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile3 (03)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(3) TILE-03	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile3 (03)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile3 (03)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(3) TILE-03	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile3 (03)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile3 (03)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(3) TILE-03	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(3) TILE-03	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile3 (03)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile3 (03)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(3) TILE-03	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile3 (03)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile3 (03)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(3) TILE-03	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile3 (03)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile3 (03)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(3) TILE-03	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile3 (03)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile3 (03)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	[3]
									[==>830.0 Secs (Copy 2)]	
	17	IR2	(3) TILE-03	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile3 (03)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile3 (03)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	[3]
									[==>605.0 Secs (Copy 2)]	



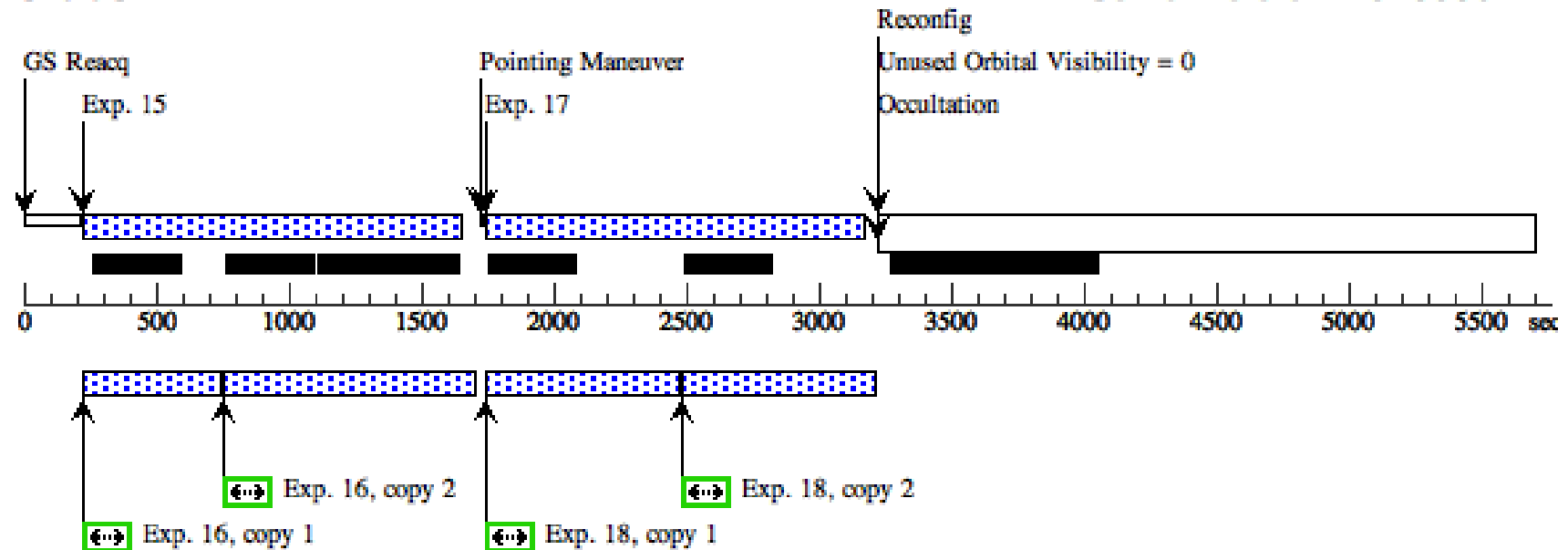
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

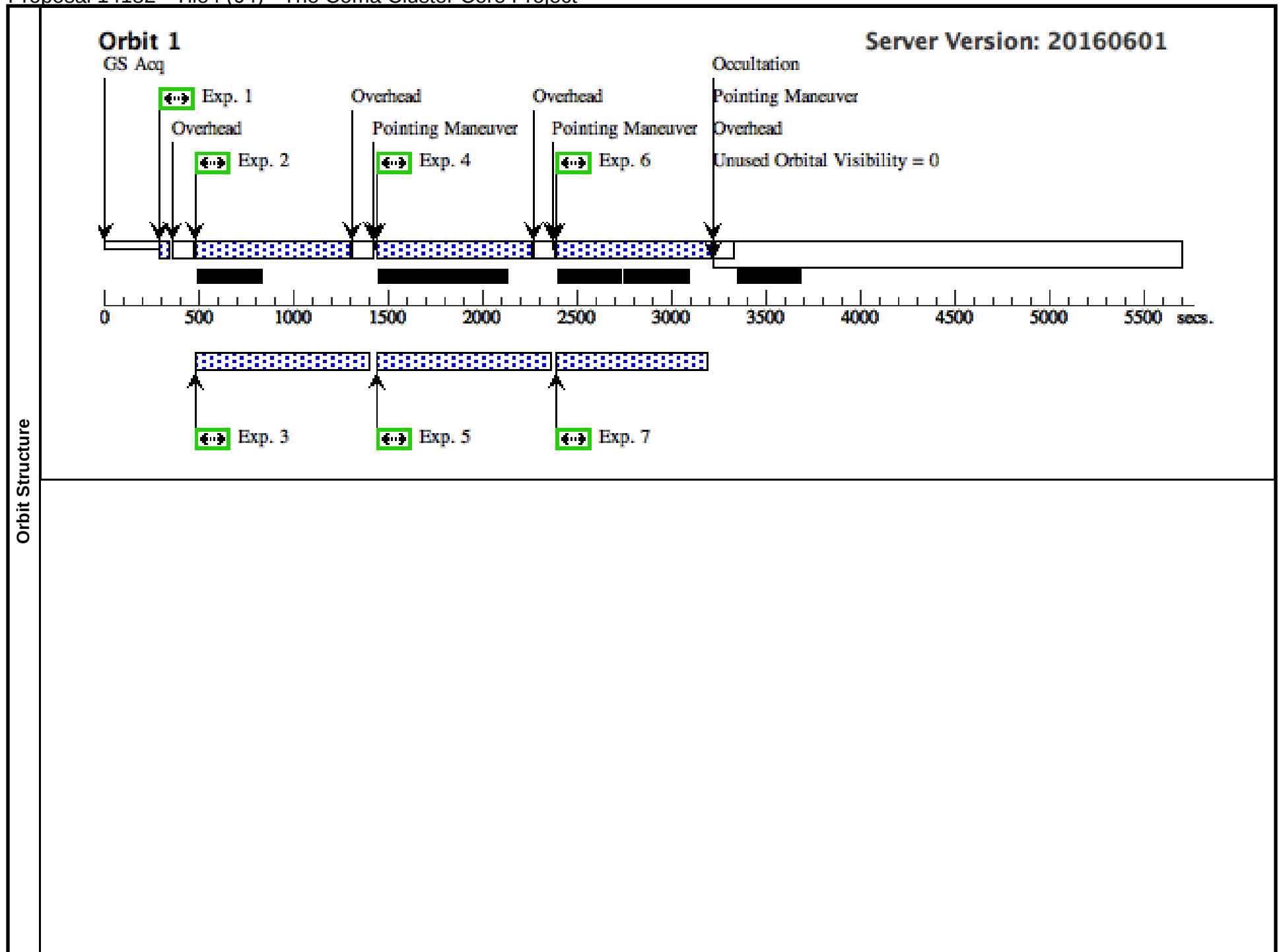


Proposal 14182 - Tile4 (04) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile4 (04), completed Fri Jul 29 17:17:35 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 220D TO 240 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(4)	TILE-04	RA: 13 00 0.8540 (195.0035583d) Dec: +27 55 55.60 (27.93211d) Equinox: J2000		V=14.45 B=14.45 H=11.28
Comments: Flux of brightest galaxy 2MASX J12595670+2755483 is V=15.4 mag. Brightest star in FOV has B=14.45, V=13.76, H=11.28 (2MASS J13000364+2755351). Extended=YES					

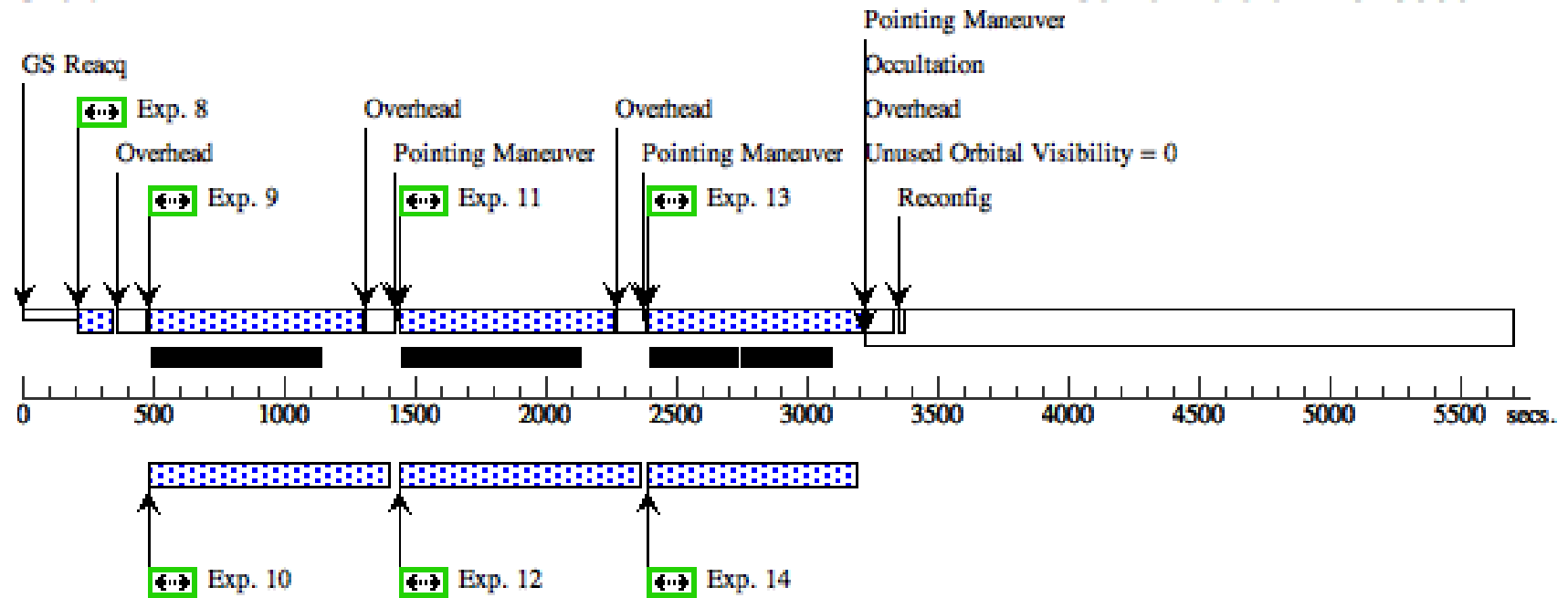
Proposal 14182 - Tile4 (04) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(4) TILE-04	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O BASE1B3		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(4) TILE-04	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile4 (04)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile4 (04)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(4) TILE-04	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile4 (04)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile4 (04)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(4) TILE-04	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile4 (04)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile4 (04)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(4) TILE-04	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(4) TILE-04	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile4 (04)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile4 (04)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(4) TILE-04	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile4 (04)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile4 (04)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(4) TILE-04	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile4 (04)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile4 (04)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(4) TILE-04	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile4 (04)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile4 (04)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	[3]
									[==>830.0 Secs (Copy 2)]	
	17	IR2	(4) TILE-04	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile4 (04)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile4 (04)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	[3]
									[==>605.0 Secs (Copy 2)]	



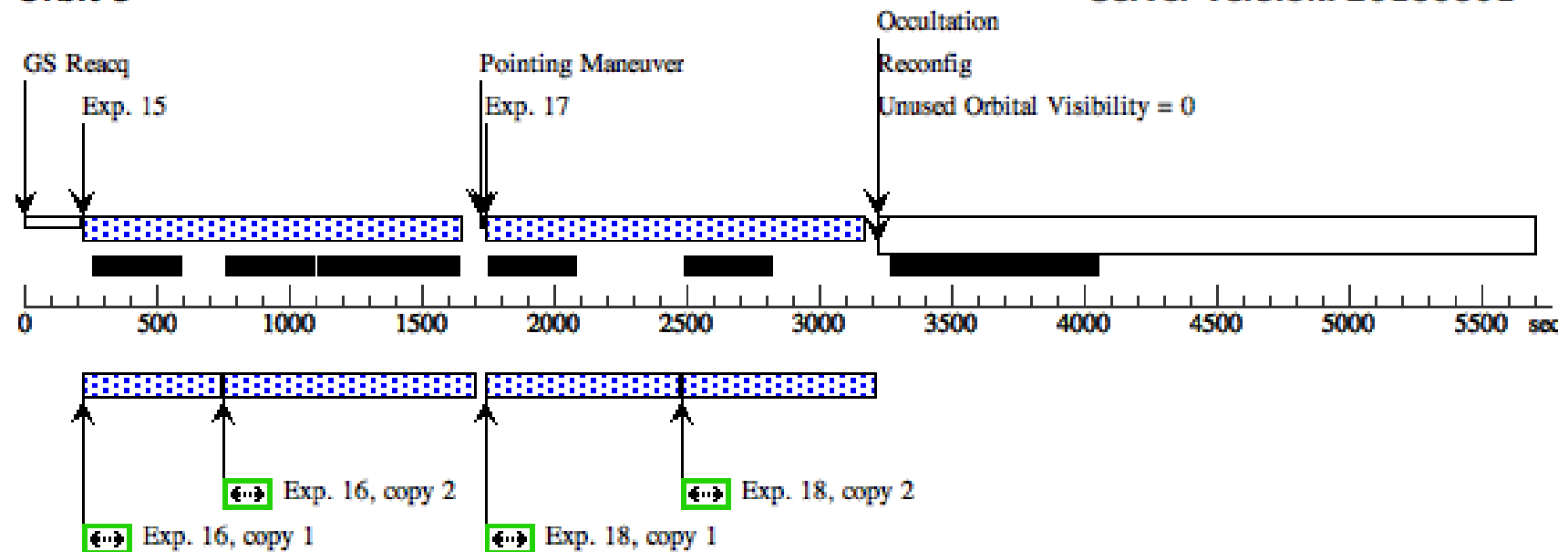
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

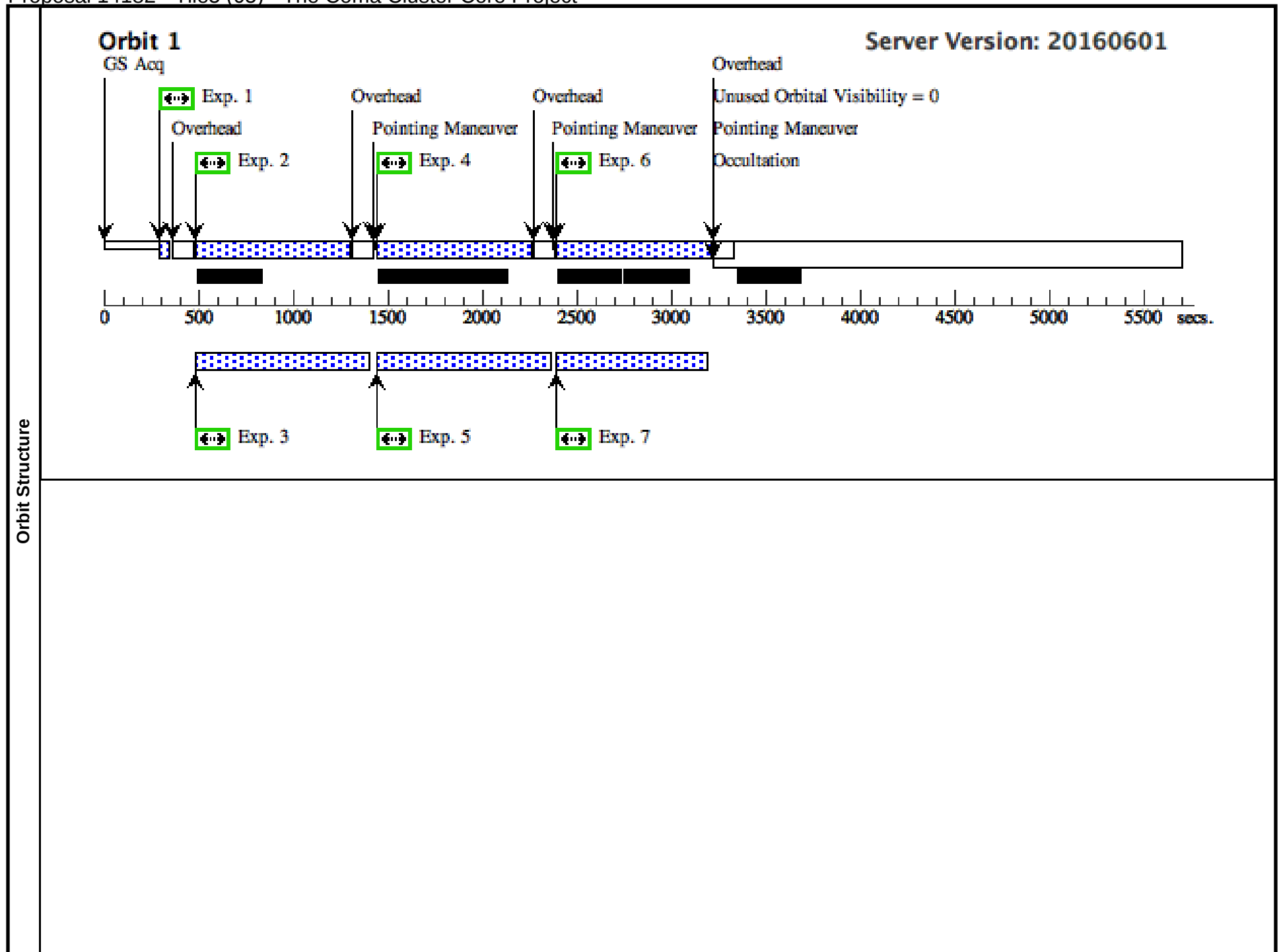


Proposal 14182 - Tile5 (05) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile5 (05), completed Fri Jul 29 17:17:35 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 310D TO 330 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	TILE-05	RA: 12 59 48.5705 (194.9523771d) Dec: +27 55 45.36 (27.92927d) Equinox: J2000		V=15.39 B=16.21 H=13.29
Comments: Flux of brightest galaxy NGC4876 is V=14.2 mag. Brightest star in FOV has B=16.21, V=15.39, H=13.29 (EDG2007 99). Extended=YES					

Proposal 14182 - Tile5 (05) - The Coma Cluster Core Project

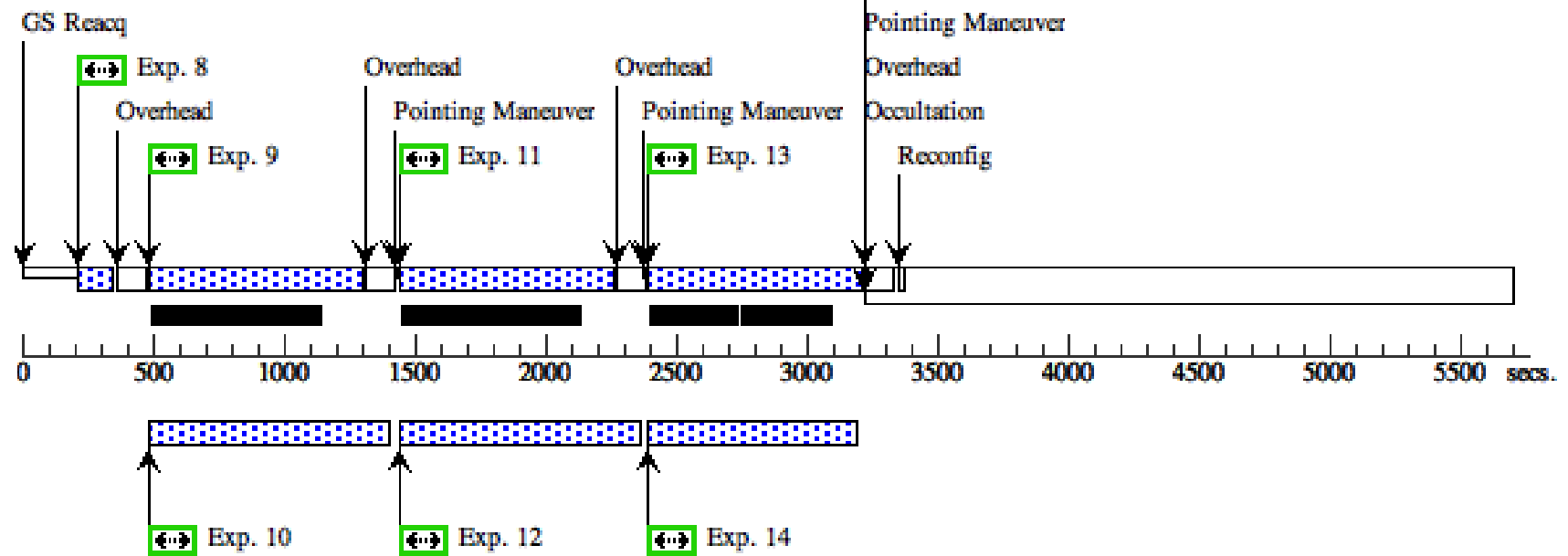
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(5) TILE-05	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O BASE1B3		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(5) TILE-05	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Gro up 2-3 in Tile5 (05)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 2-3 in Tile5 (05)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(5) TILE-05	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2 2	Prime + Parallel Gro up 4-5 in Tile5 (05)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 4-5 in Tile5 (05)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(5) TILE-05	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4 4	Prime + Parallel Gro up 6-7 in Tile5 (05)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 6-7 in Tile5 (05)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(5) TILE-05	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0. 055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(5) TILE-05	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Gro up 9-10 in Tile5 (05)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 9-10 in Tile5 (05)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(5) TILE-05	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0. 275	Prime + Parallel Gro up 11-12 in Tile5 (05)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 11-12 in Tile5 (05)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(5) TILE-05	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0. 495	Prime + Parallel Gro up 13-14 in Tile5 (05)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Gro up 13-14 in Tile5 (05)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(5) TILE-05	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Gro up 15-16 in Tile5 (05)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 15-16 in Tile5 (05)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	[3]
									[==>830.0 Secs (Copy 2)]	
	17	IR2	(5) TILE-05	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0. 325	Prime + Parallel Gro up 17-18 in Tile5 (05)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Gro up 17-18 in Tile5 (05)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	[3]
									[==>605.0 Secs (Copy 2)]	



Orbit 2

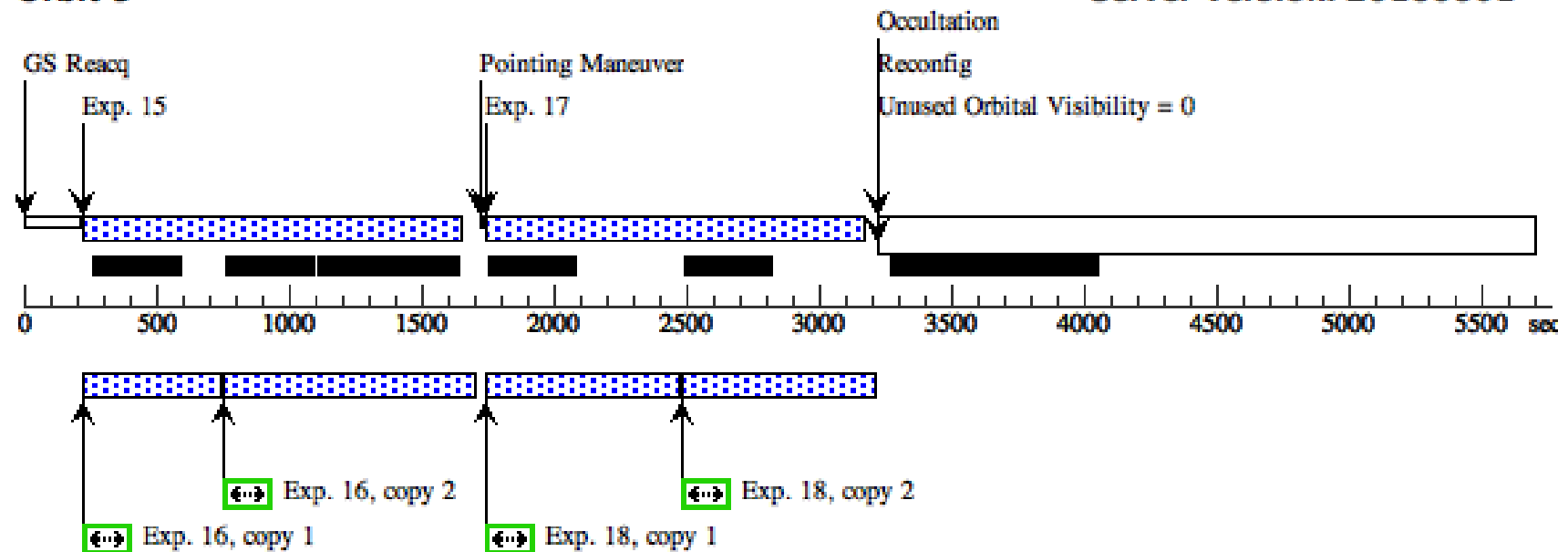
Server Version: 20160601

Unused Orbital Visibility = 0



Orbit 3

Server Version: 20160601



Proposal 14182 - Tile6 (06) - The Coma Cluster Core Project

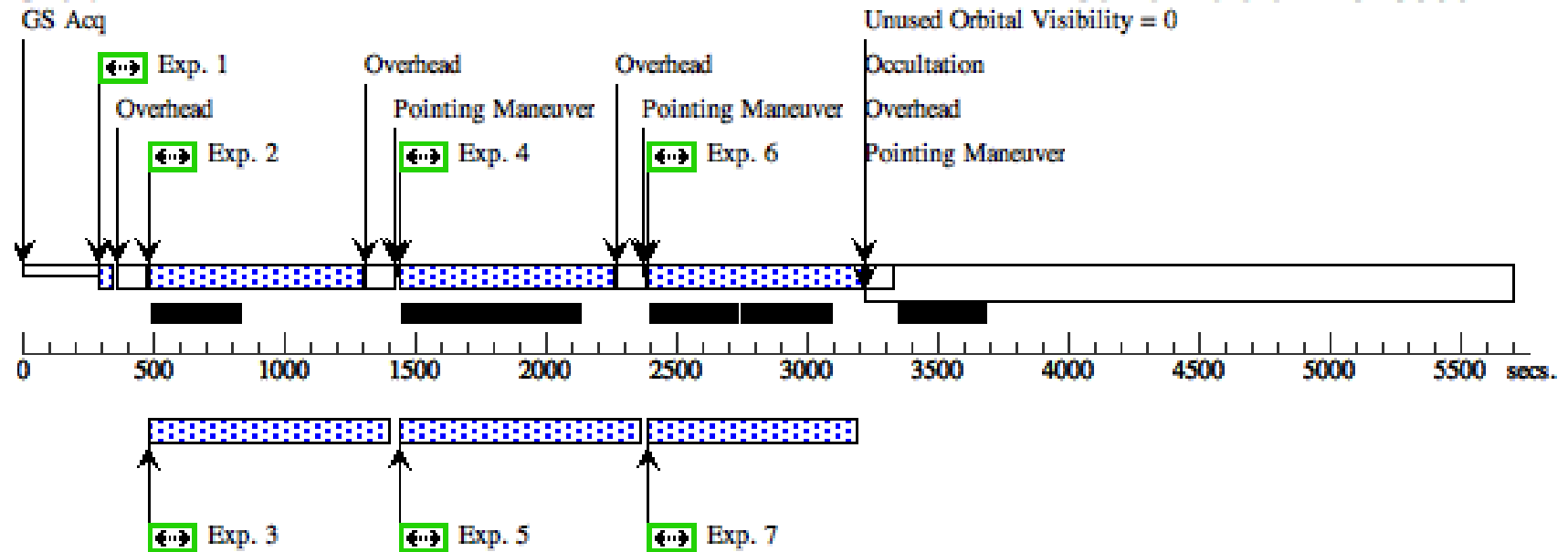
Visit	Proposal 14182, Tile6 (06), completed Fri Jul 29 17:17:35 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 310D TO 330 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(6)	TILE-06	RA: 12 59 36.2073 (194.9008637d) Dec: +27 55 39.07 (27.92752d) Equinox: J2000		V=14.8 B=15.9 H=11.8
Comments: Flux of brightest galaxy NGC4875 is V=14.8 mag. Brightest star in FOV has u=17.6, g=17.4, z=17.8 (WD: A2 287). Extended=YES					

Proposal 14182 - Tile6 (06) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(6) TILE-06	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O BASE1B3		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(6) TILE-06	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile6 (06)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile6 (06)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(6) TILE-06	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile6 (06)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile6 (06)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(6) TILE-06	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile6 (06)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile6 (06)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(6) TILE-06	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(6) TILE-06	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile6 (06)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile6 (06)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(6) TILE-06	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile6 (06)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile6 (06)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(6) TILE-06	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile6 (06)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile6 (06)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(6) TILE-06	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile6 (06)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile6 (06)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	[3]
									[==>830.0 Secs (Copy 2)]	
	17	IR2	(6) TILE-06	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile6 (06)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile6 (06)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	[3]
									[==>605.0 Secs (Copy 2)]	

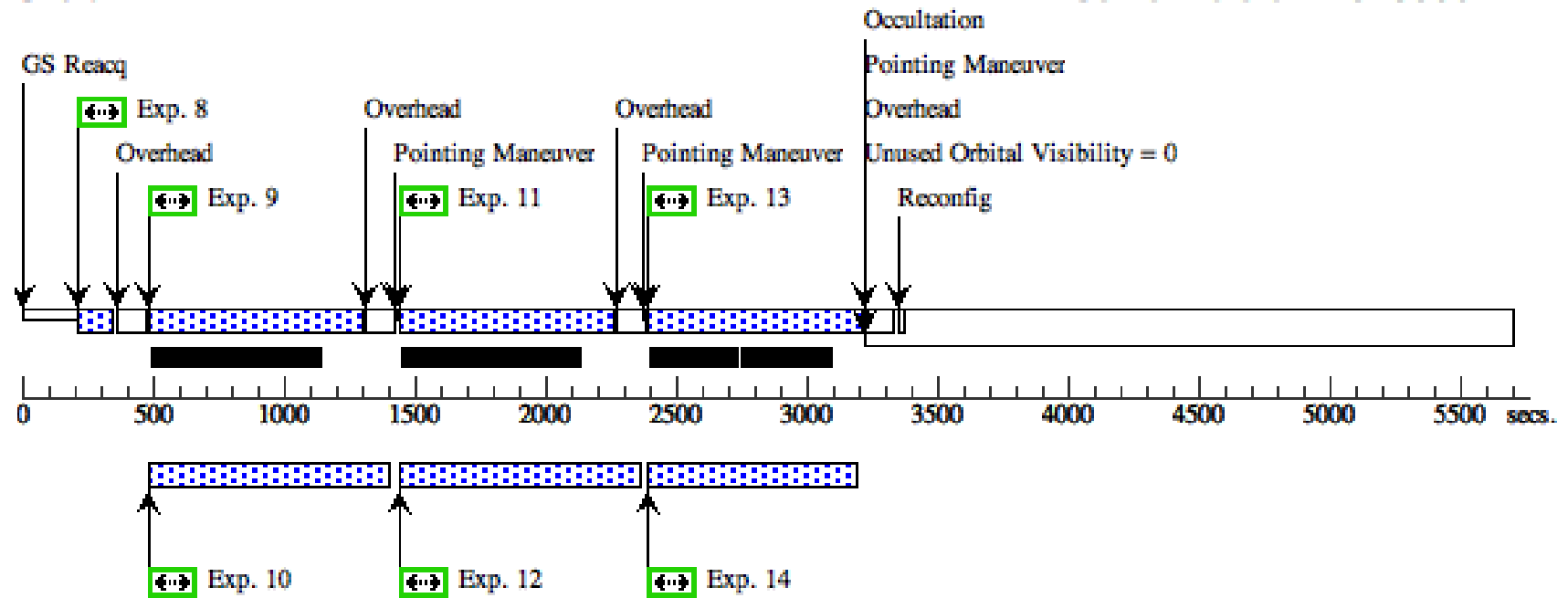
Orbit 1

Server Version: 20160601



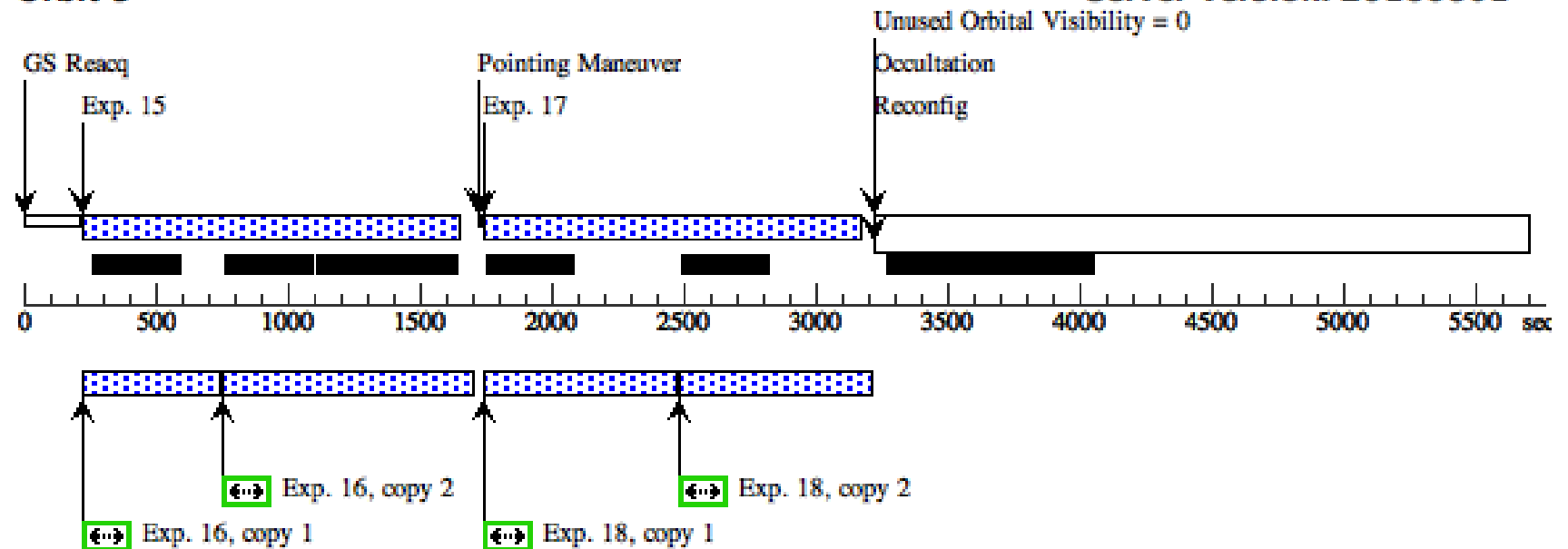
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601



Proposal 14182 - Tile7 (07) - The Coma Cluster Core Project

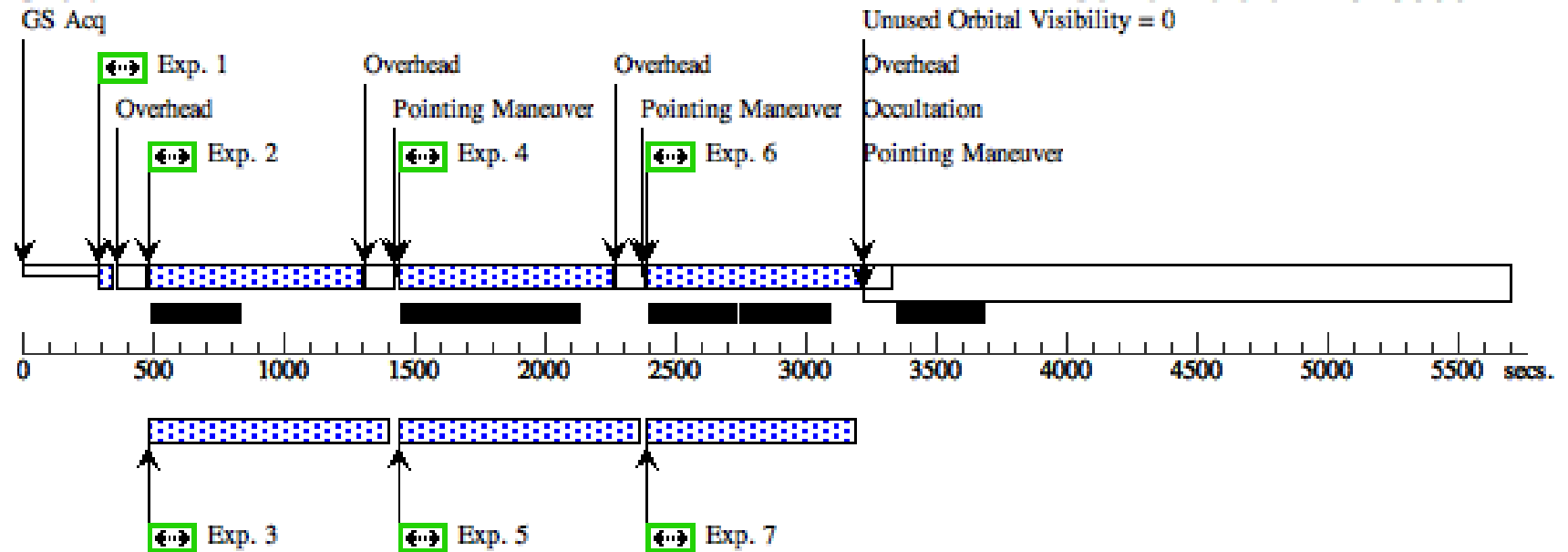
Visit	Proposal 14182, Tile7 (07), completed Fri Jul 29 17:17:35 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 310D TO 330 D <i>Comments: SW corner</i>				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	TILE-07	RA: 12 59 23.9917 (194.8499654d) Dec: +27 55 38.27 (27.92730d) Equinox: J2000		V=12.1 B=13.65 H=10.23
<i>Comments: Flux of brightest galaxy NGC4869 is V=13.2 mag. Brightest star in FOV has B=13.65, V=12.1, H=10.23 (TYC 1995-1839-1). Extended=YES</i>					

Proposal 14182 - Tile7 (07) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(7) TILE-07	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O BASE1B3		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(7) TILE-07	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile7 (07)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile7 (07)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(7) TILE-07	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile7 (07)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile7 (07)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(7) TILE-07	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile7 (07)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile7 (07)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(7) TILE-07	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(7) TILE-07	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile7 (07)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile7 (07)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(7) TILE-07	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile7 (07)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile7 (07)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(7) TILE-07	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile7 (07)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile7 (07)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(7) TILE-07	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile7 (07)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile7 (07)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	[3]
									[==>830.0 Secs (Copy 2)]	
	17	IR2	(7) TILE-07	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile7 (07)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile7 (07)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	[3]
									[==>605.0 Secs (Copy 2)]	

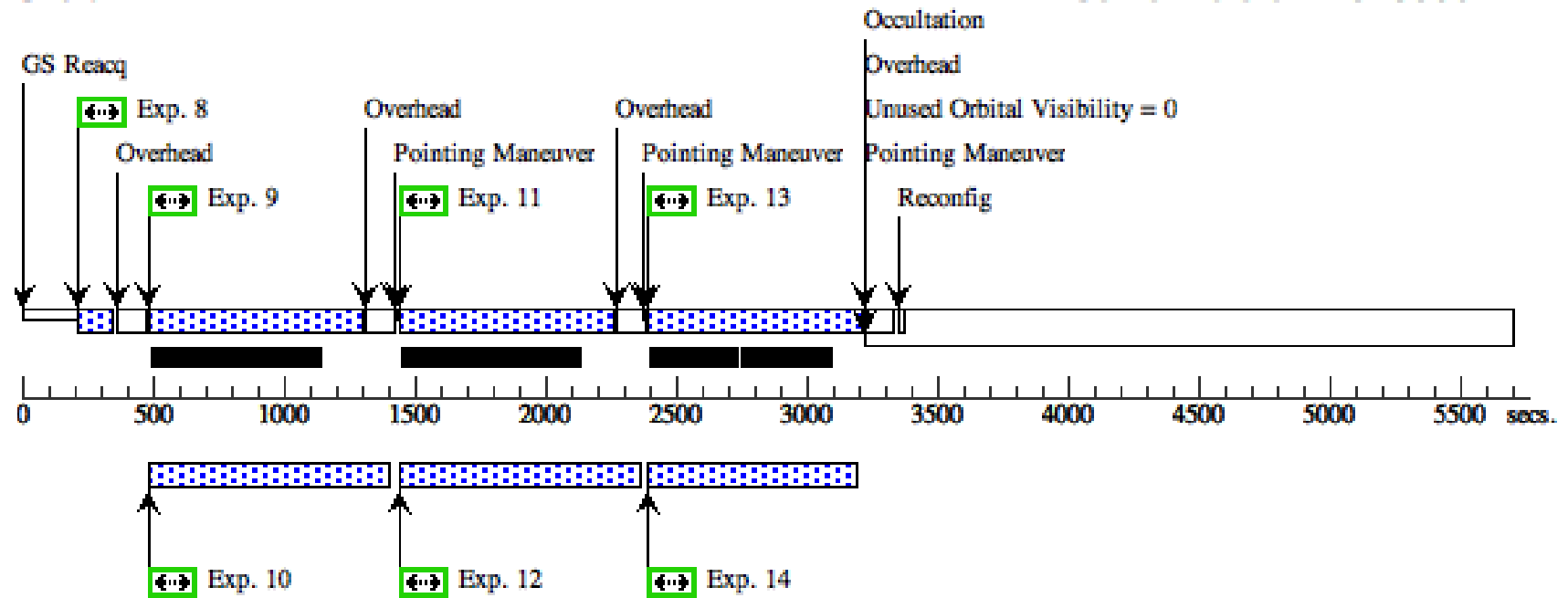
Orbit 1

Server Version: 20160601



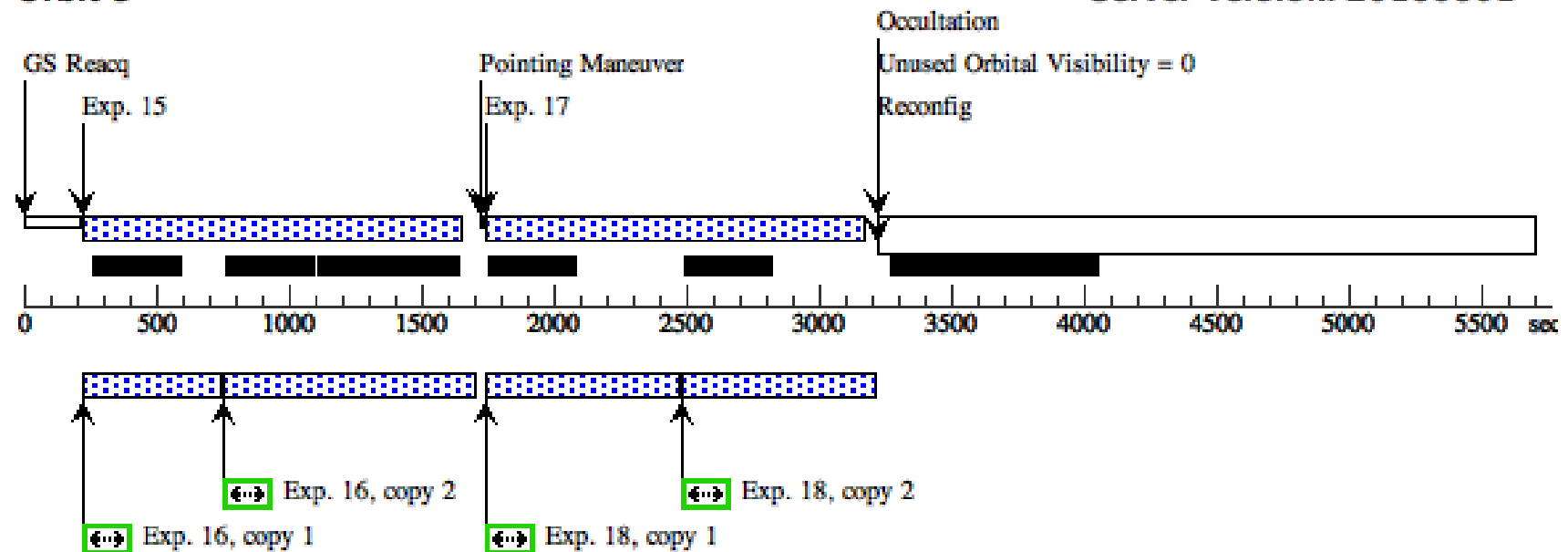
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

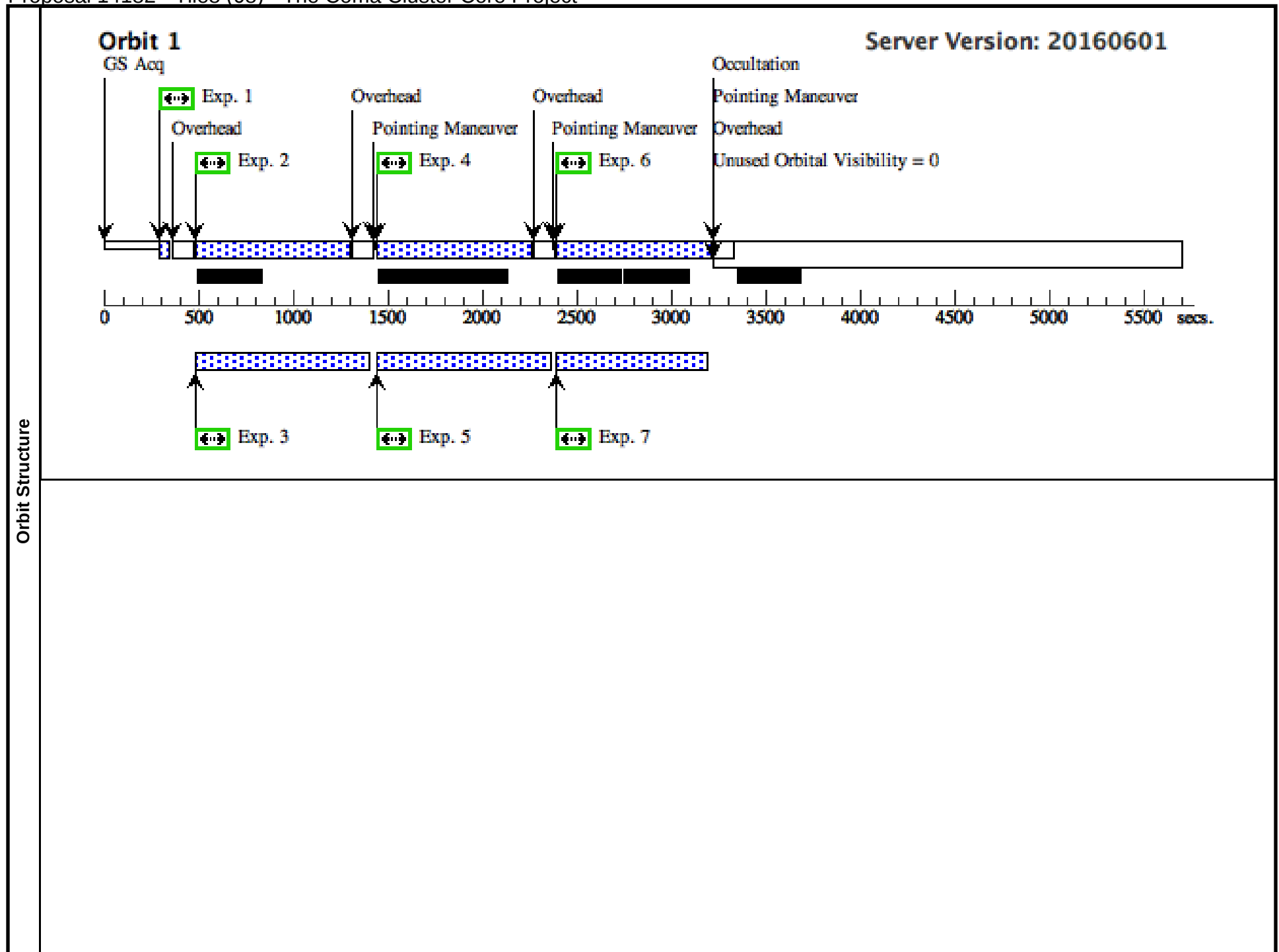


Proposal 14182 - Tile8 (08) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile8 (08), completed Fri Jul 29 17:17:35 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 310D TO 330 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	TILE-08	RA: 13 00 38.6426 (195.1610108d) Dec: +27 58 23.84 (27.97329d) Equinox: J2000		V=14.47 B=15.69 H=11.46
Comments: Flux of brightest galaxy 2MASX J13004285+2757476 is V=15.0 mag. Brightest star in FOV has B=15.69, V=14.47, H=11.46 (2MASS J13004077+2757131). Extended=YES					

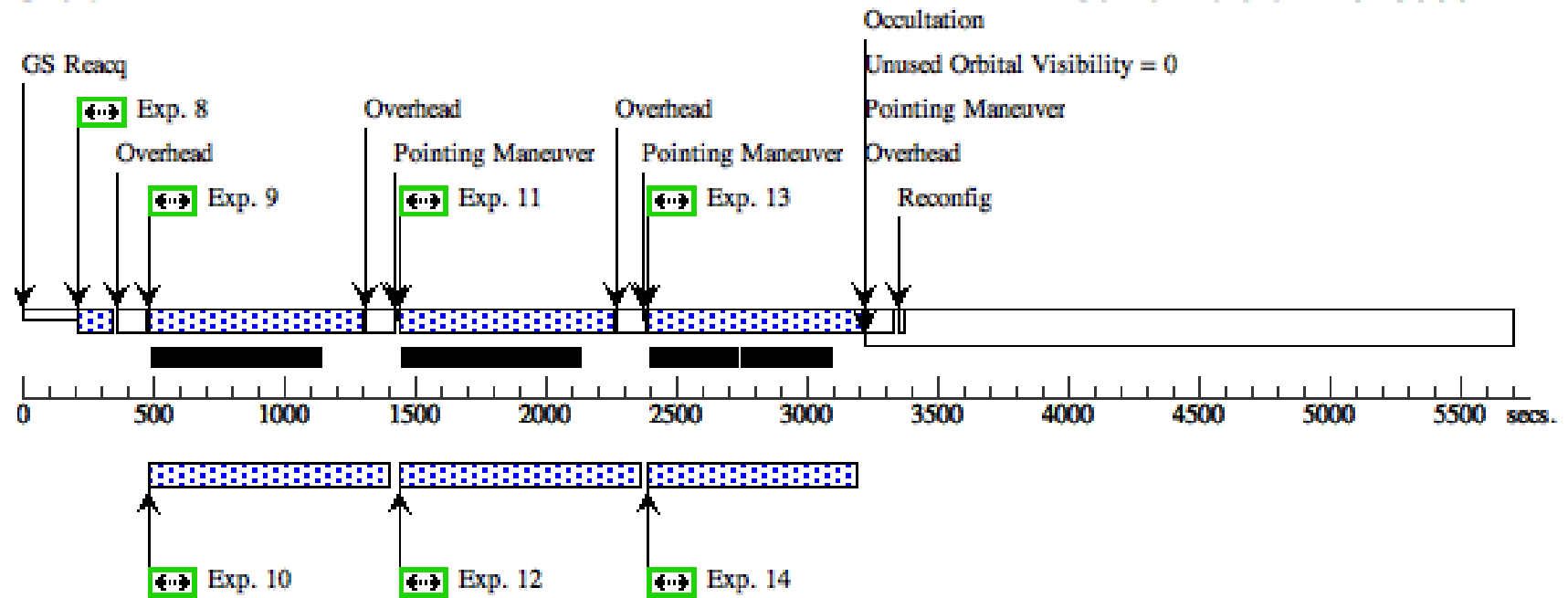
Proposal 14182 - Tile8 (08) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(8) TILE-08	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O BASE1B3		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(8) TILE-08	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile8 (08)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile8 (08)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(8) TILE-08	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile8 (08)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile8 (08)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(8) TILE-08	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile8 (08)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile8 (08)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(8) TILE-08	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(8) TILE-08	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile8 (08)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile8 (08)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(8) TILE-08	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile8 (08)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile8 (08)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(8) TILE-08	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile8 (08)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile8 (08)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(8) TILE-08	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile8 (08)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile8 (08)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	[3]
									[==>830.0 Secs (Copy 2)]	
	17	IR2	(8) TILE-08	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile8 (08)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile8 (08)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	[3]
									[==>605.0 Secs (Copy 2)]	



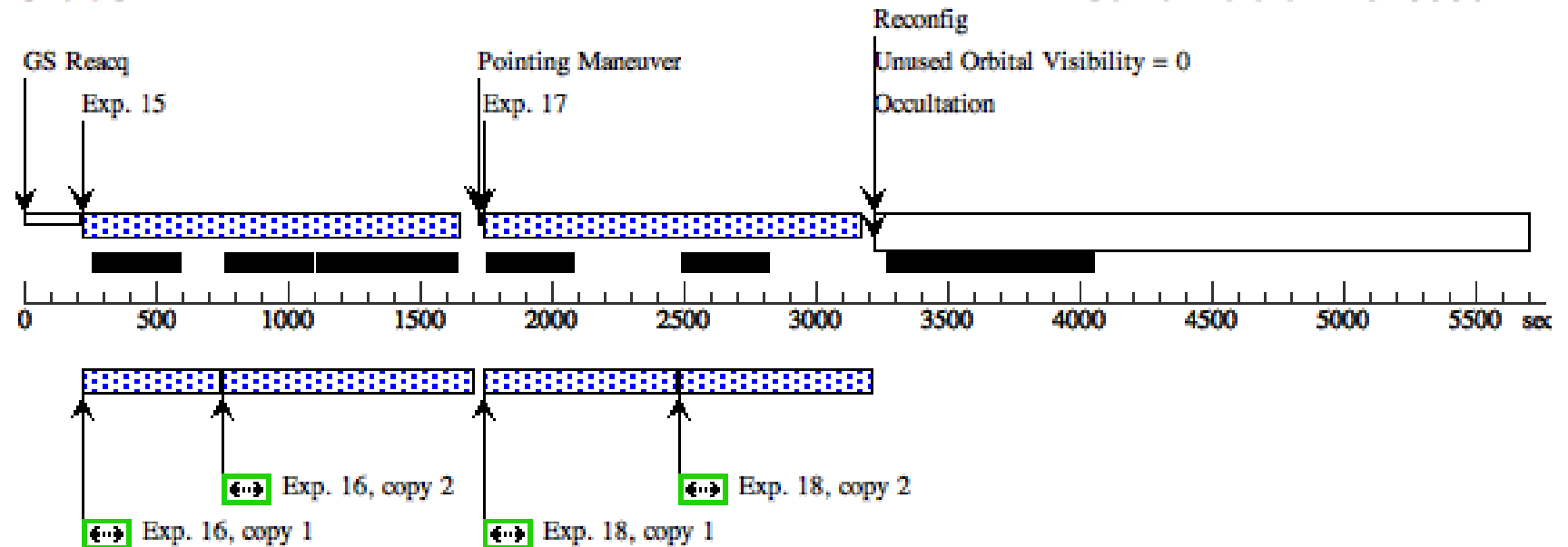
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

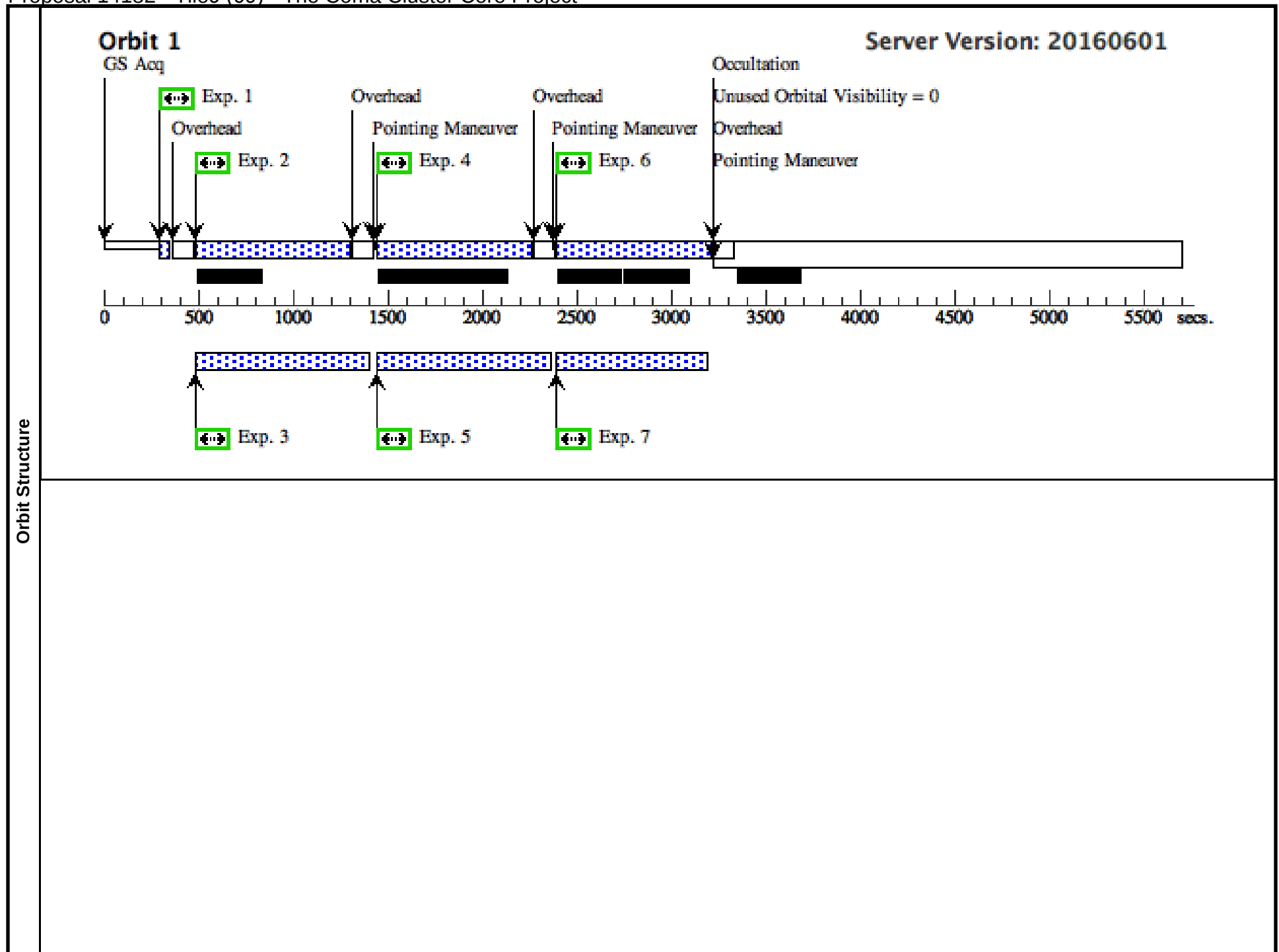


Proposal 14182 - Tile9 (09) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile9 (09), scheduling Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 310D TO 330 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	TILE-09	RA: 13 00 26.3876 (195.1099483d) Dec: +27 58 25.38 (27.97372d) Equinox: J2000		V=15.23 B=16.58 H=13.73
Comments: Flux of brightest galaxy IC4033 is V=15.23 mag. Brightest star in FOV has B=16.58, V=15.66, H=13.73 (2MASS J13002195+2757230). Extended=YES					

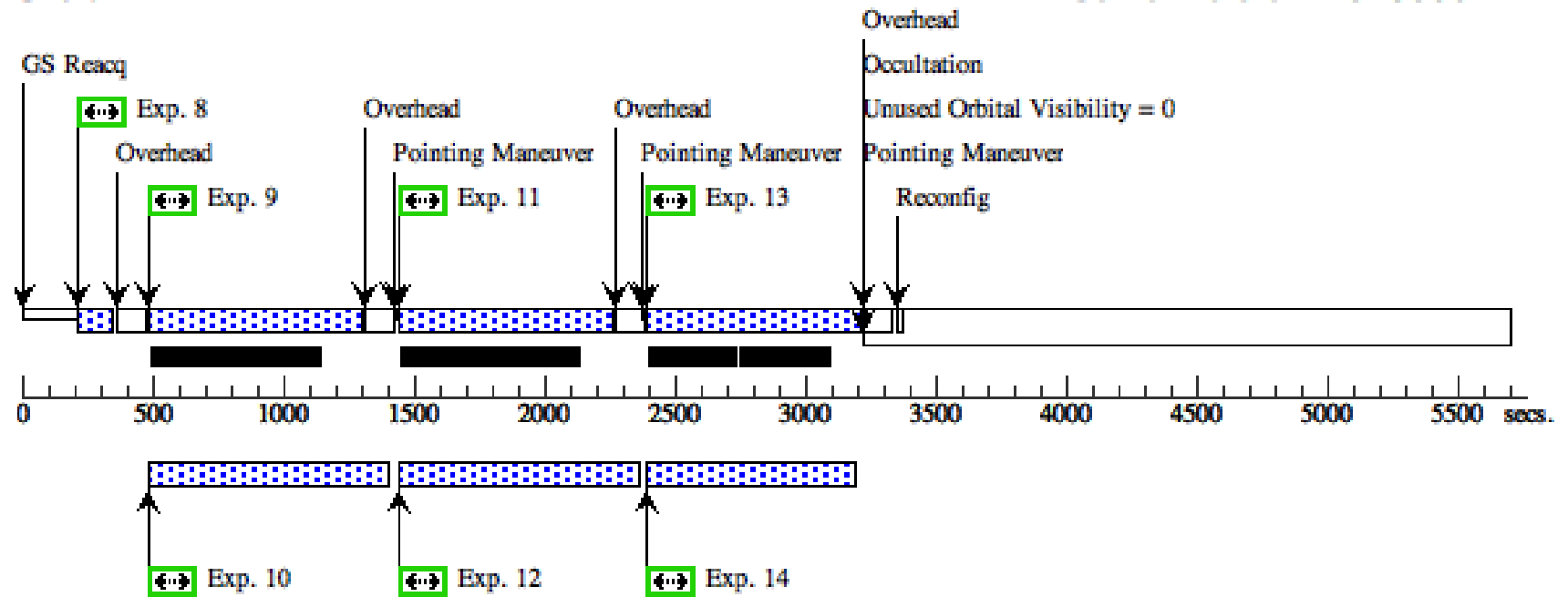
Proposal 14182 - Tile9 (09) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(9) TILE-09	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O BASE1B3		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(9) TILE-09	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile9 (09)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile9 (09)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(9) TILE-09	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile9 (09)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile9 (09)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(9) TILE-09	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile9 (09)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile9 (09)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(9) TILE-09	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(9) TILE-09	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile9 (09)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile9 (09)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(9) TILE-09	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile9 (09)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile9 (09)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(9) TILE-09	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile9 (09)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile9 (09)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(9) TILE-09	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile9 (09)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile9 (09)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	[3]
									[==>830.0 Secs (Copy 2)]	
	17	IR2	(9) TILE-09	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile9 (09)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile9 (09)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	[3]
									[==>605.0 Secs (Copy 2)]	



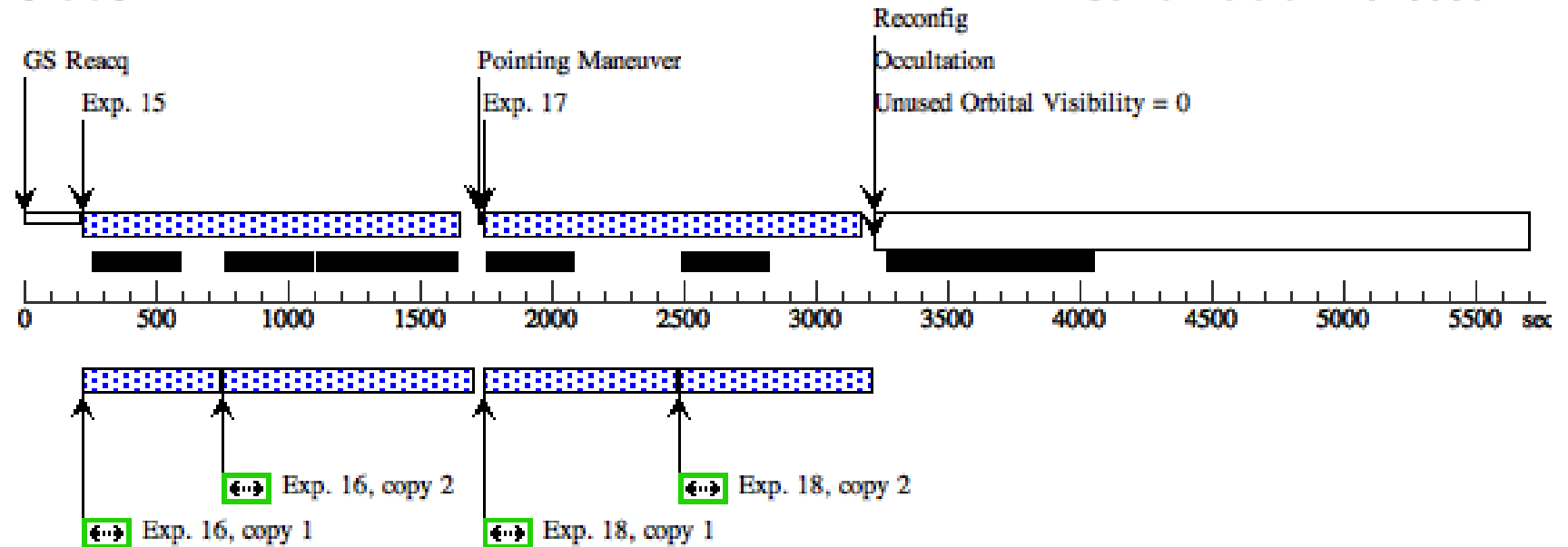
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601



Proposal 14182 - Tile10 (10) - The Coma Cluster Core Project

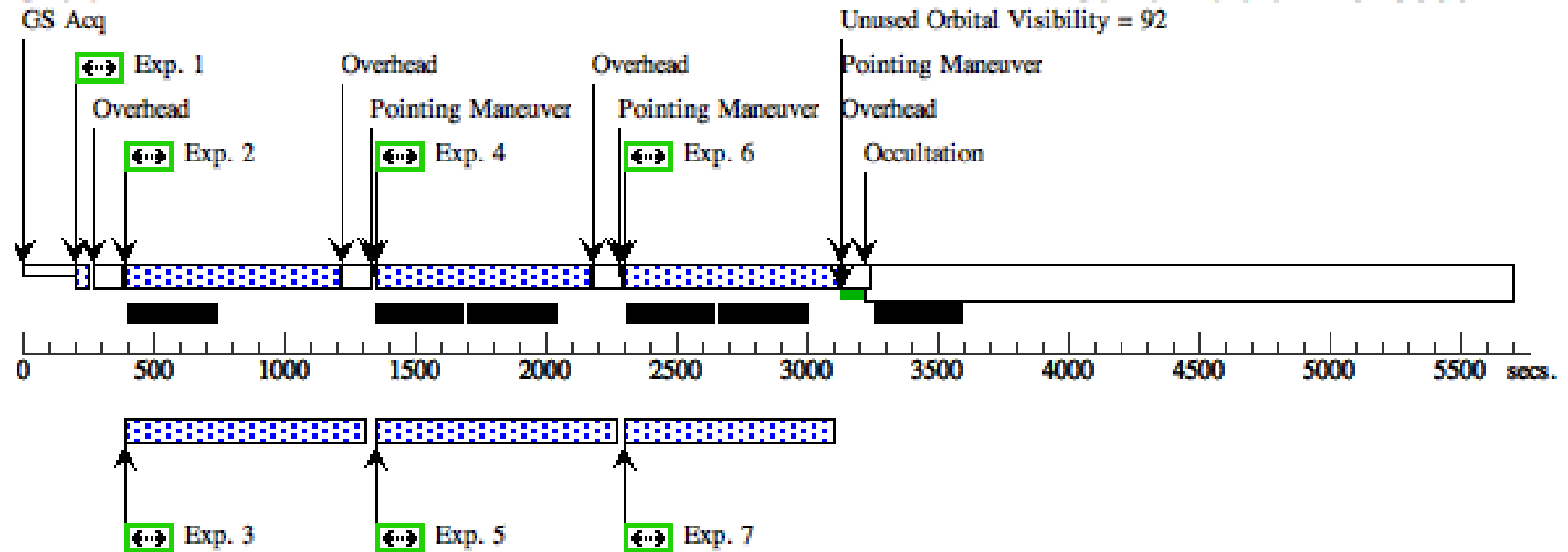
Visit	Proposal 14182, Tile10 (10), scheduling Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 300D TO 310 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(10)	TILE-10	RA: 13 00 14.1277 (195.0588654d) Dec: +27 58 25.61 (27.97378d) Equinox: J2000		V=11.3 B=13.0 H=8.7
Comments: Flux of brightest galaxy NGC4889 is V=11.3 mag. Brightest star in FOV has B=15.0, V=14.02, H=11.17 (2MASS J13001074+2757516). Extended=YES					

Proposal 14182 - Tile10 (10) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(10) TILE-10	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O SINGLE		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(10) TILE-10	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile10 (10)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile10 (10)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(10) TILE-10	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile10 (10)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile10 (10)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(10) TILE-10	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile10 (10)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile10 (10)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(10) TILE-10	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(10) TILE-10	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile10 (10)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile10 (10)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(10) TILE-10	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile10 (10)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile10 (10)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(10) TILE-10	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile10 (10)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile10 (10)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(10) TILE-10	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile10 (10)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile10 (10)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(10) TILE-10	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile10 (10)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile10 (10)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
									[==>605.0 Secs (Copy 2)]	[3]

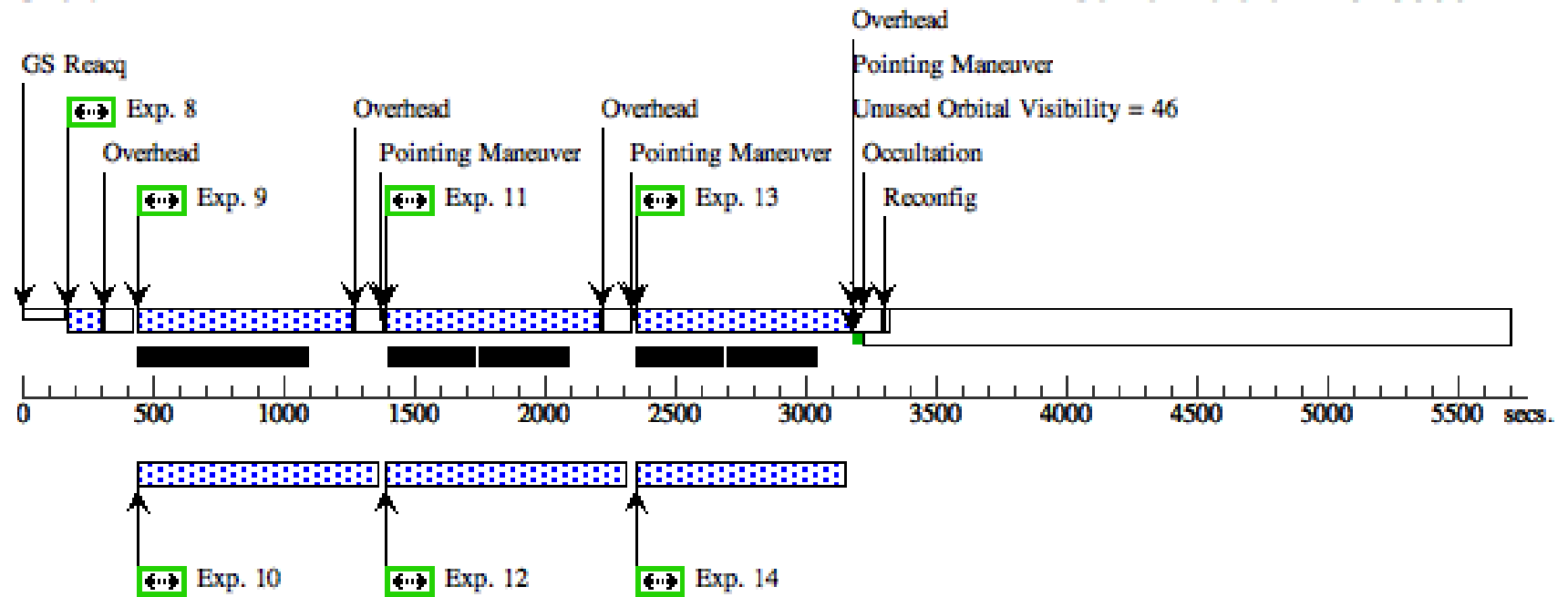
Orbit 1

Server Version: 20160601



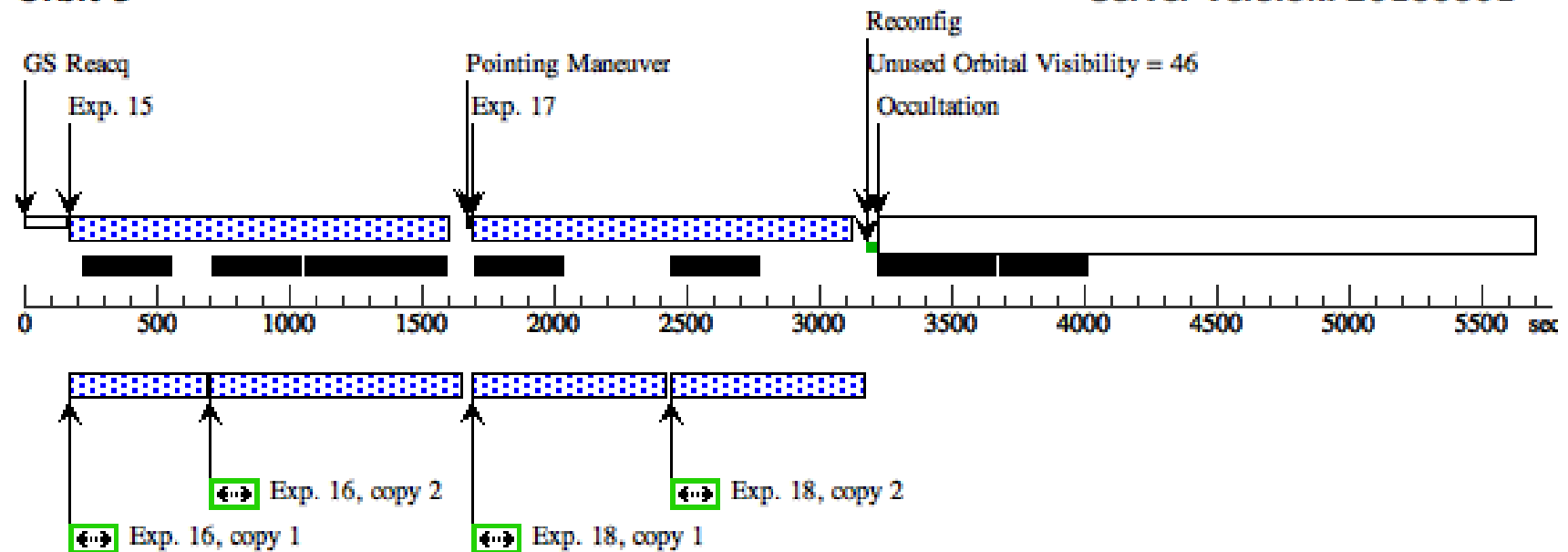
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601



Proposal 14182 - Tile11 (11) - The Coma Cluster Core Project

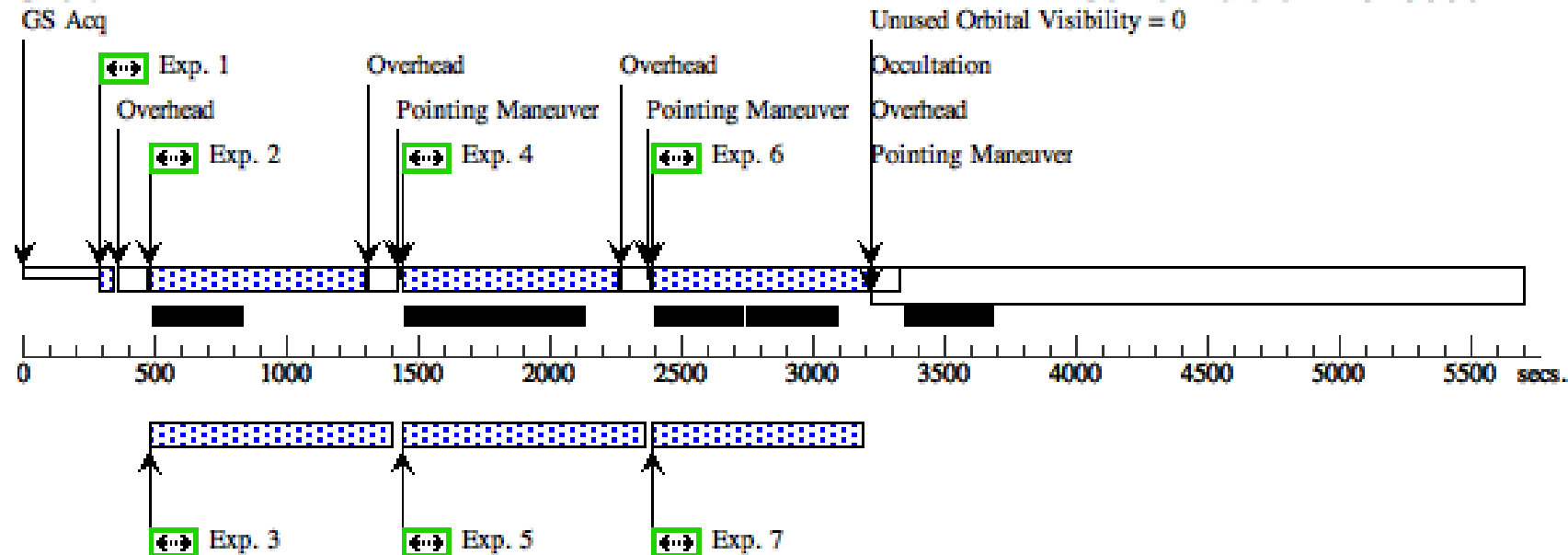
Visit	Proposal 14182, Tile11 (11), scheduling Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 310D TO 330 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(11)	TILE-11	RA: 13 00 1.8655 (195.0077729d) Dec: +27 58 28.30 (27.97453d) Equinox: J2000		V=14.3 B=15.1 H=11.4
Comments: Flux of brightest galaxy NGC4886 is V=14.3 mag. NGC4889 straddles the eastern edge of the tile. Brightest star in FOV (southern edge) has B=18.98, V=18.24, H=17.09 (2MASS J12595810+2757149). Extended=YES					

Proposal 14182 - Tile11 (11) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(11) TILE-11	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O BASE1B3		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(11) TILE-11	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile11 (11)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile11 (11)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(11) TILE-11	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile11 (11)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile11 (11)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(11) TILE-11	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile11 (11)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile11 (11)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(11) TILE-11	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(11) TILE-11	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile11 (11)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile11 (11)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(11) TILE-11	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile11 (11)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile11 (11)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(11) TILE-11	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile11 (11)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile11 (11)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(11) TILE-11	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile11 (11)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile11 (11)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(11) TILE-11	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile11 (11)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile11 (11)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
									[==>605.0 Secs (Copy 2)]	[3]

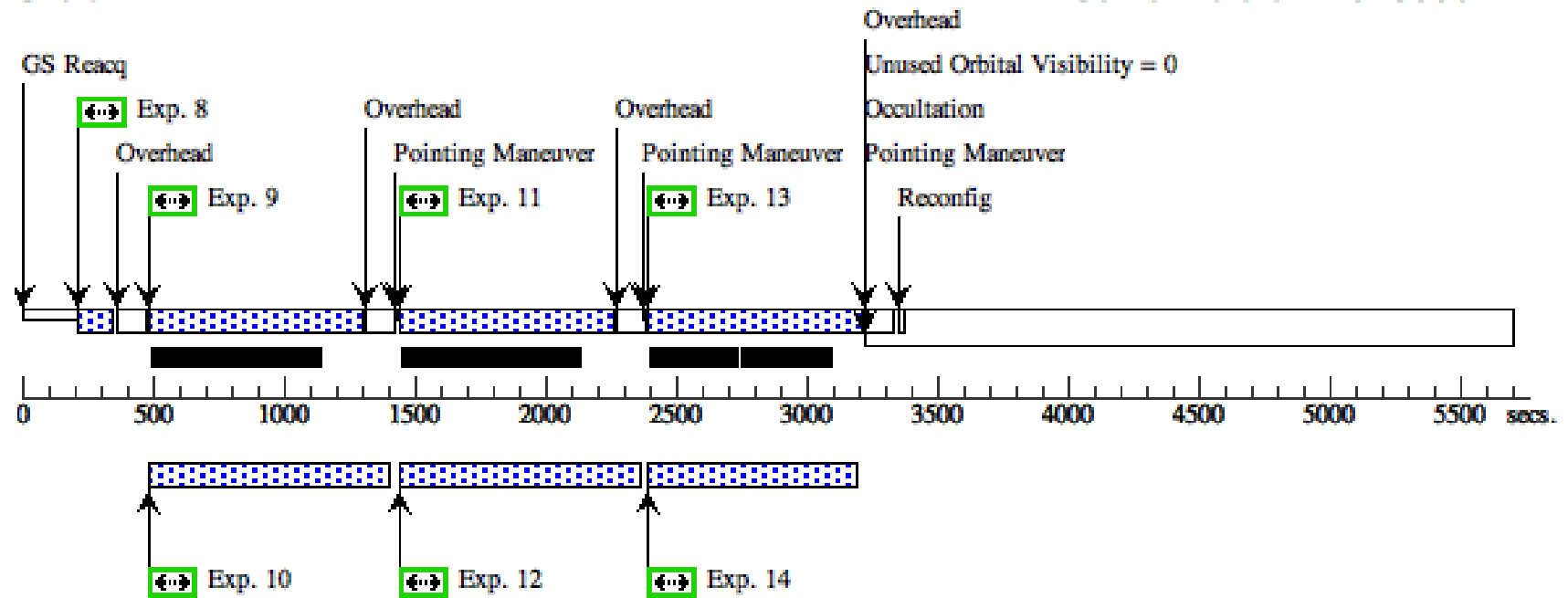
Orbit 1

Server Version: 20160601



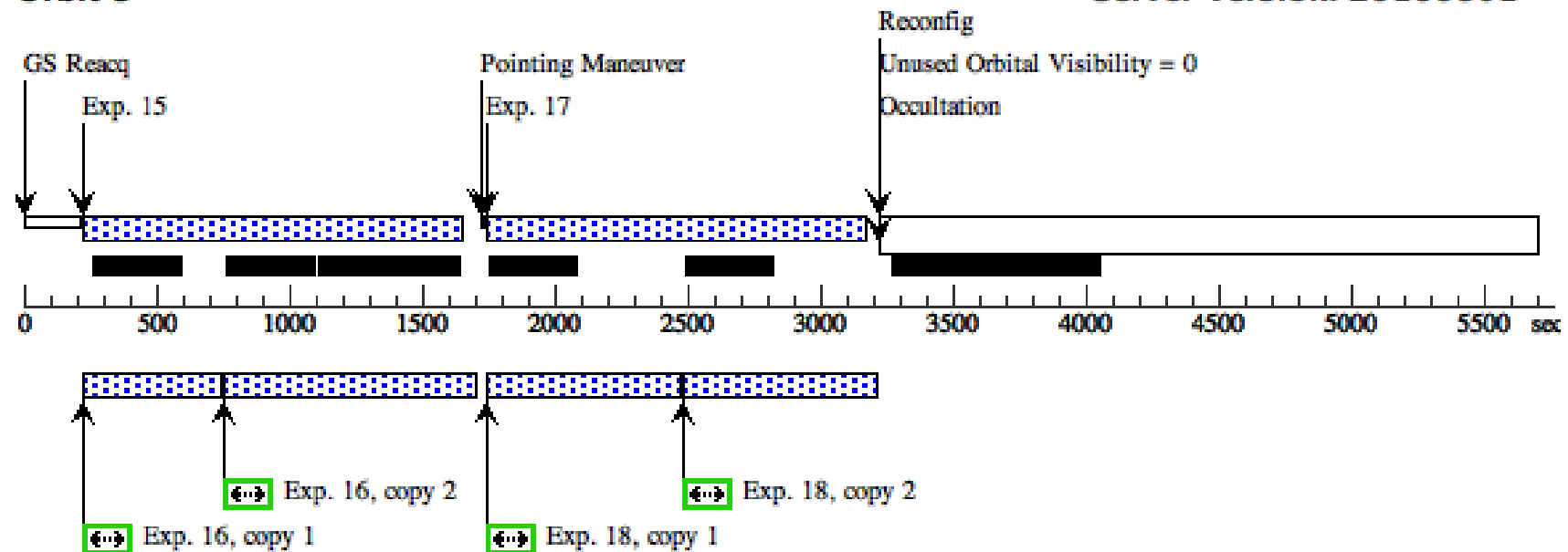
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

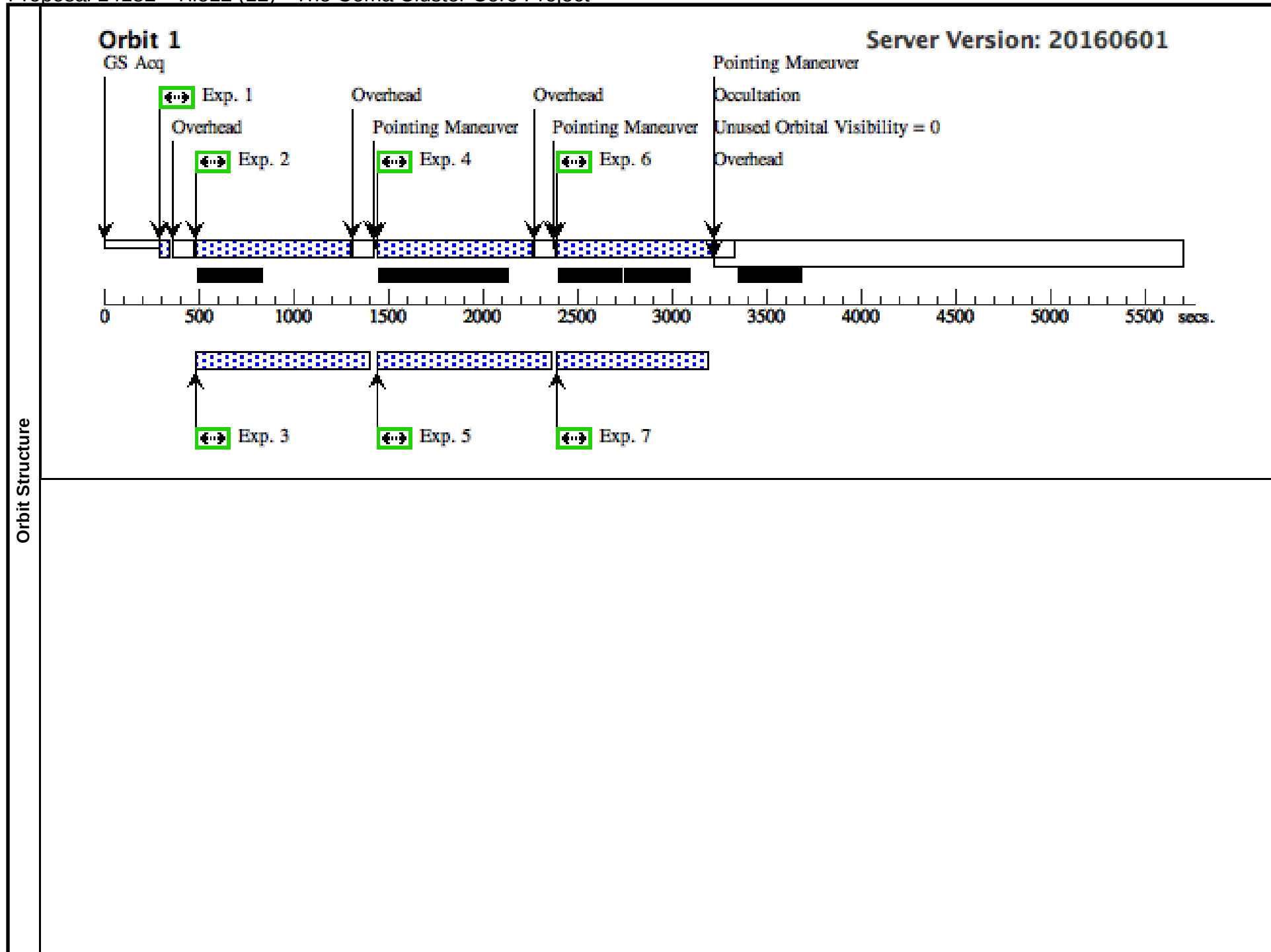


Proposal 14182 - Tile12 (12) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile12 (12), scheduling Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 310D TO 330 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(12)	TILE-12	RA: 12 59 49.6064 (194.9566933d) Dec: +27 58 27.38 (27.97427d) Equinox: J2000		V=14.6 B=15.9 H=11.9
Comments: Flux of brightest galaxy IC3998 is V=14.6 mag. Brightest star in FOV has B=18.54, V=17.28, H=13.8 (2MASS J12595201+2757405). Extended=YES					

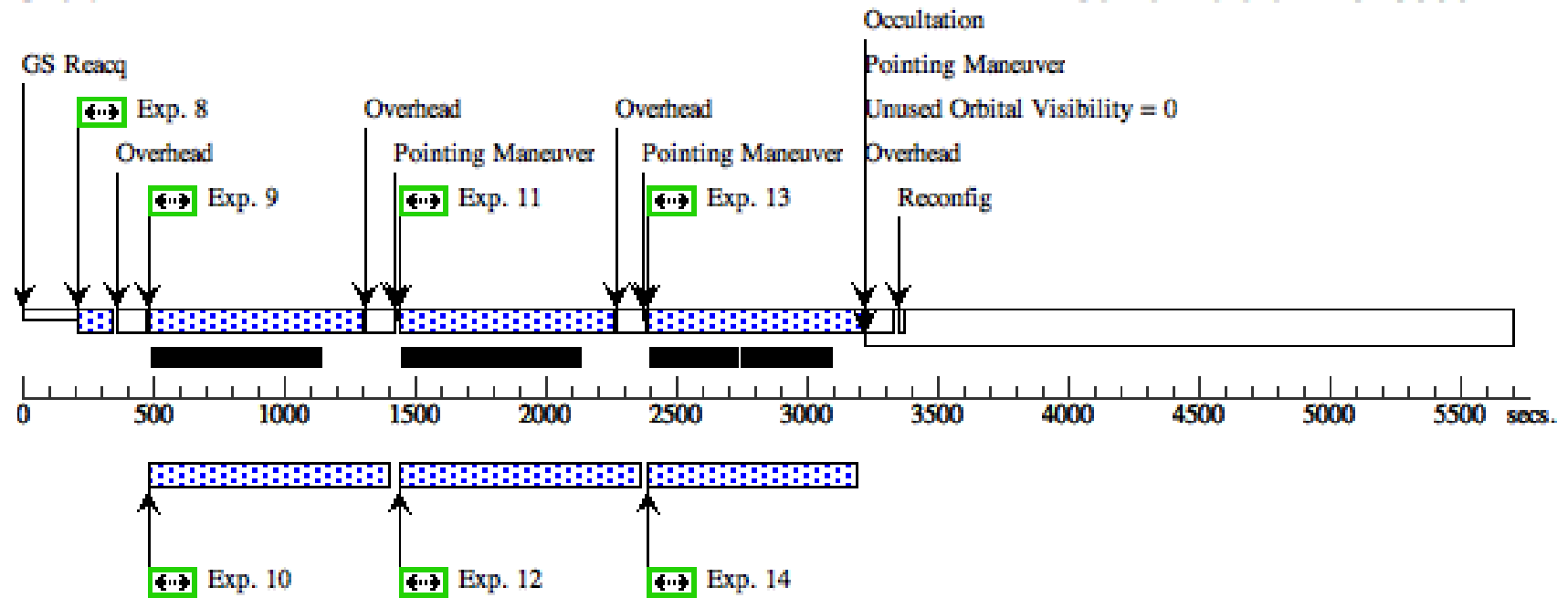
Proposal 14182 - Tile12 (12) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(12) TILE-12	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O BASE1B3		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(12) TILE-12	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile12 (12)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile12 (12)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(12) TILE-12	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile12 (12)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile12 (12)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(12) TILE-12	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile12 (12)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile12 (12)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(12) TILE-12	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(12) TILE-12	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile12 (12)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile12 (12)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(12) TILE-12	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile12 (12)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile12 (12)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(12) TILE-12	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile12 (12)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile12 (12)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(12) TILE-12	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile12 (12)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile12 (12)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(12) TILE-12	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile12 (12)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile12 (12)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
									[==>605.0 Secs (Copy 2)]	[3]



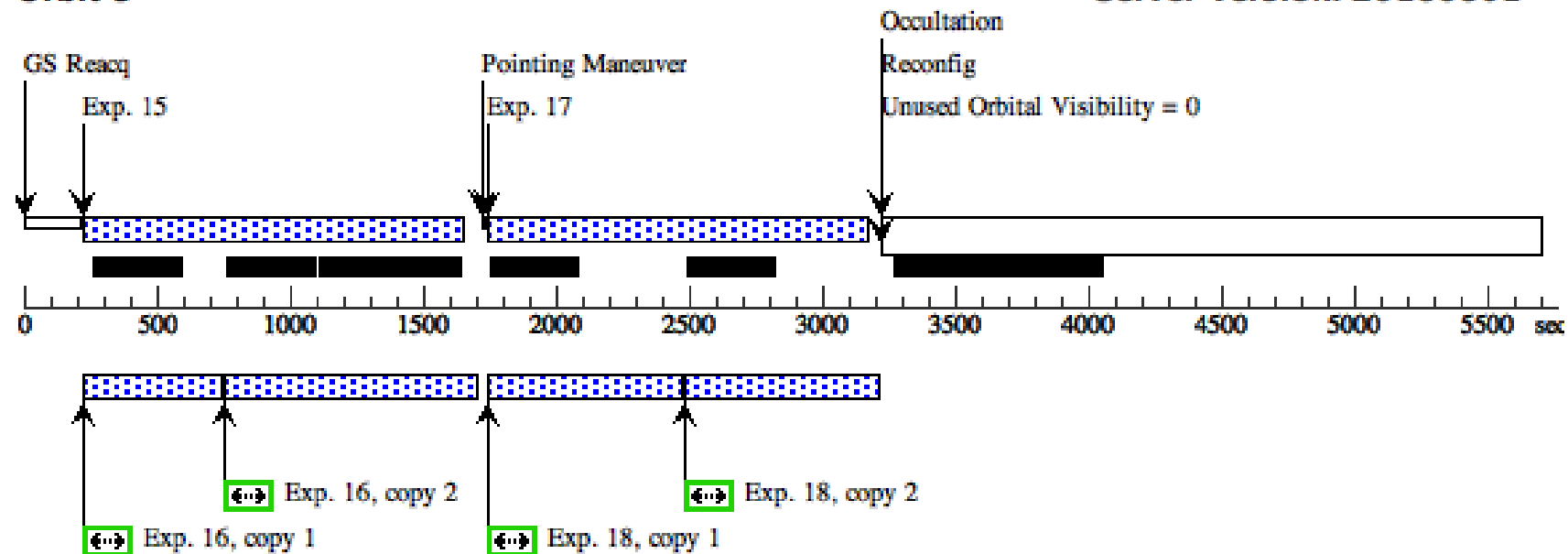
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

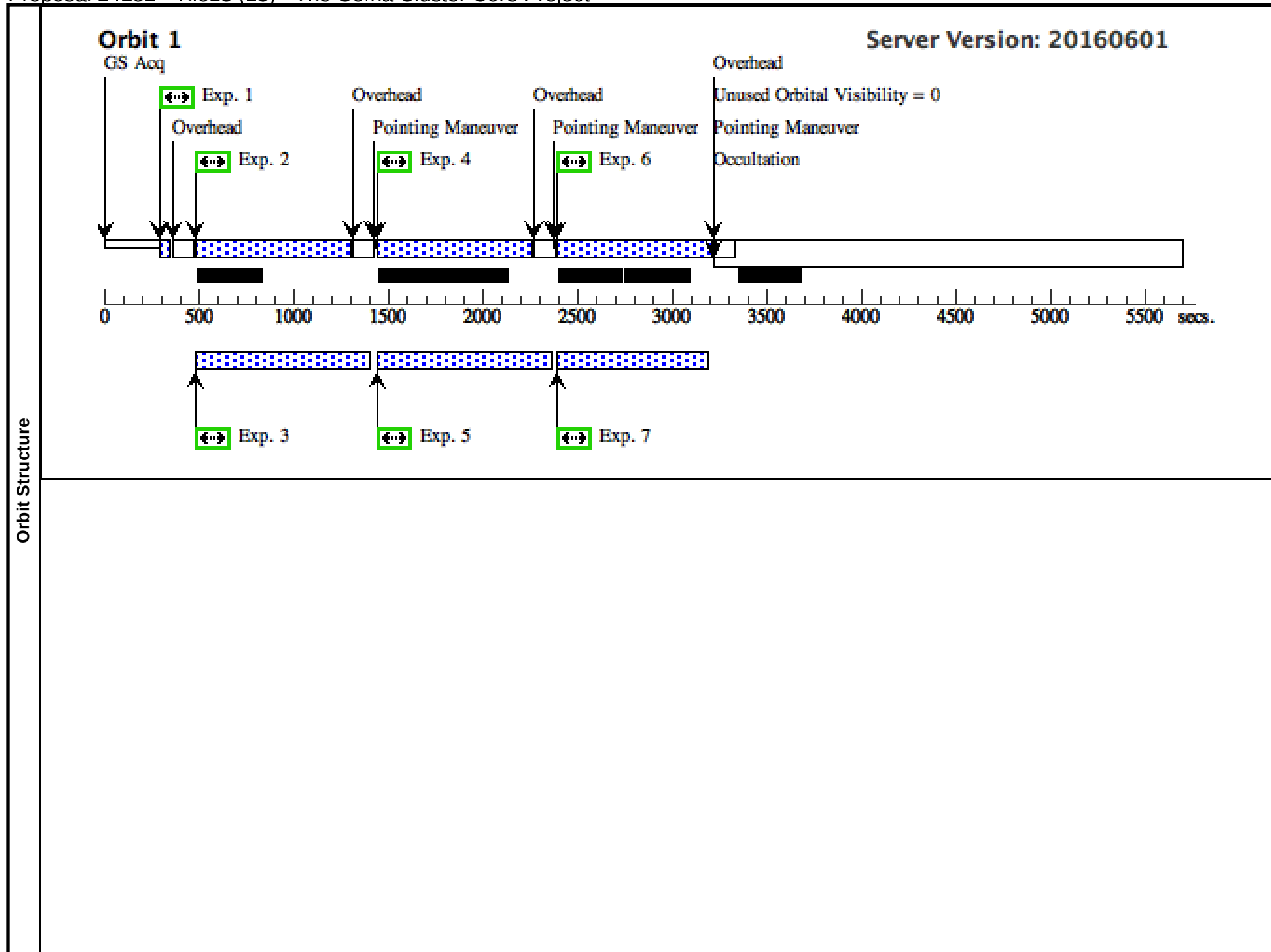


Proposal 14182 - Tile13 (13) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile13 (13), scheduling Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 310D TO 330 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(13)	TILE-13	RA: 12 59 37.3139 (194.9054746d) Dec: +27 58 21.35 (27.97260d) Equinox: J2000		V=11.4 B=13.7 H=9.0
Comments: Flux of brightest galaxy NGC4874 is V=11.4 mag. Brightest star in FOV has B=22.08, V=19.76, H=13.95 (2MASS J12593660+2759042). Extended=YES					

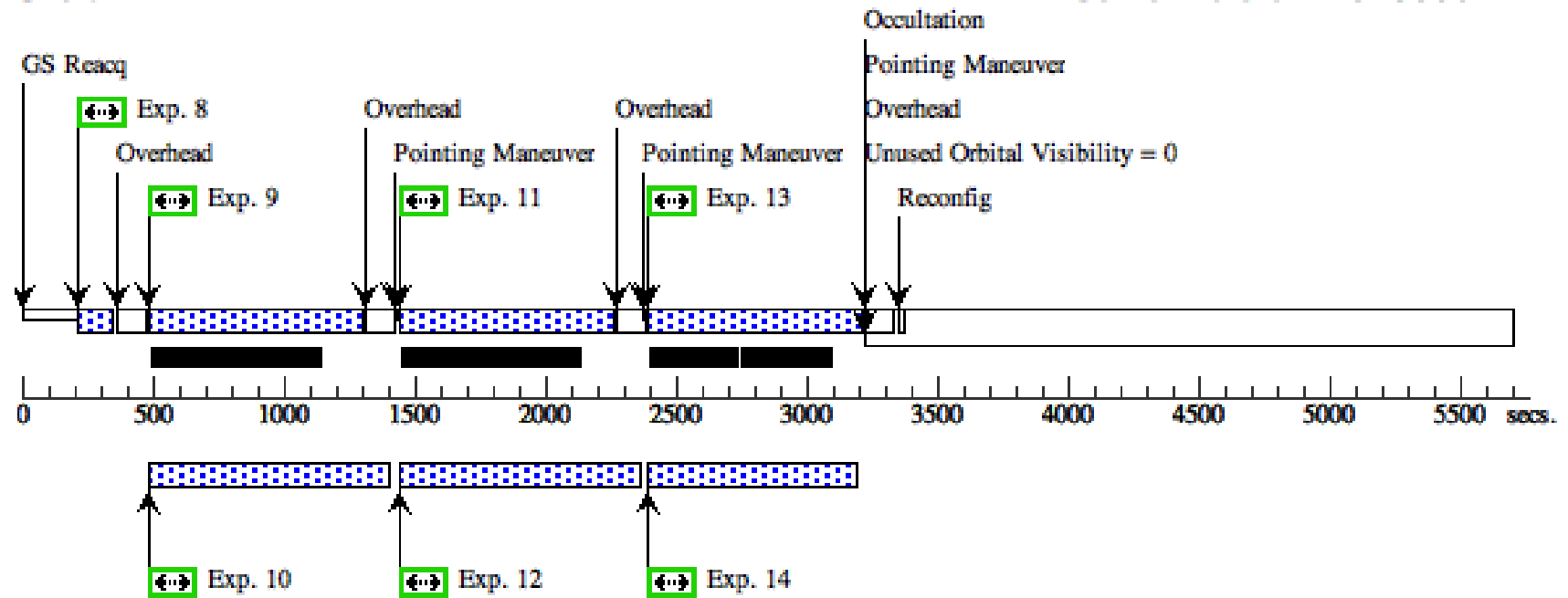
Proposal 14182 - Tile13 (13) - The Coma Cluster Core Project

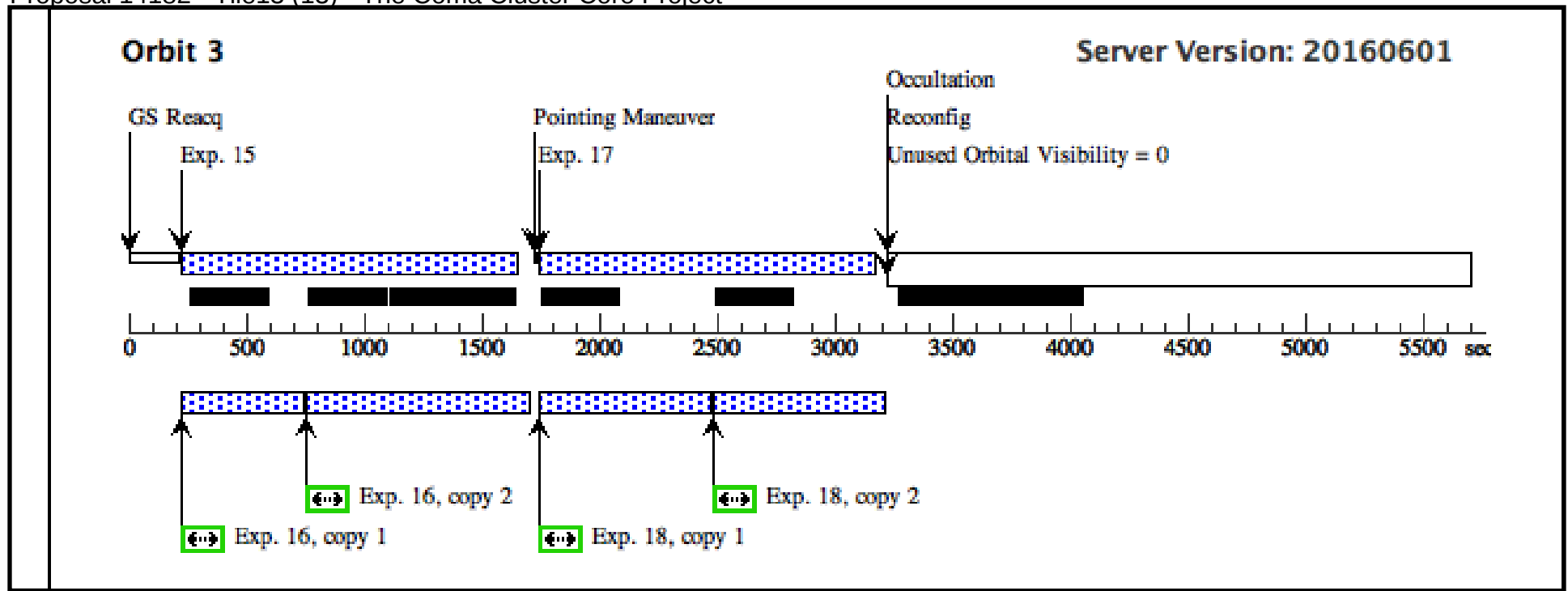
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(13) TILE-13	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O BASE1B3		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(13) TILE-13	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile13 (13)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile13 (13)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(13) TILE-13	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile13 (13)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile13 (13)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(13) TILE-13	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile13 (13)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile13 (13)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(13) TILE-13	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(13) TILE-13	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile13 (13)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile13 (13)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(13) TILE-13	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile13 (13)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile13 (13)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(13) TILE-13	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile13 (13)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile13 (13)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(13) TILE-13	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile13 (13)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile13 (13)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(13) TILE-13	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile13 (13)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile13 (13)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
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Orbit 2

Server Version: 20160601



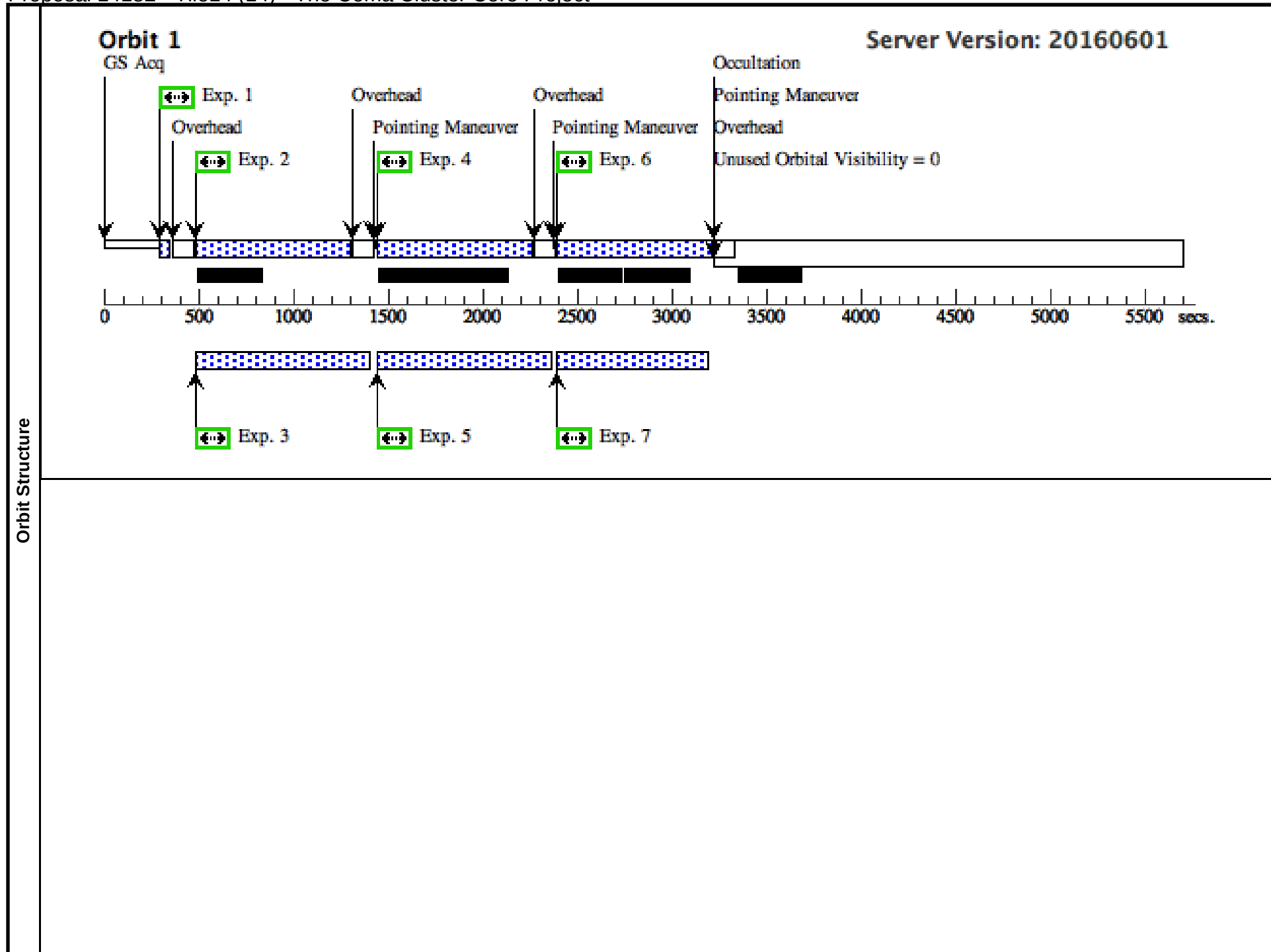


Proposal 14182 - Tile14 (14) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile14 (14), scheduling Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 310D TO 330 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(14)	TILE-14	RA: 12 59 25.0310 (194.8542958d) Dec: +27 58 20.80 (27.97244d) Equinox: J2000		V=15.3 B=16.8 H=12.7
Comments: Flux of brightest galaxy IC3968 is V=15.3 mag. Brightest star in FOV has B=17.98, V=17.51, H=15.86 (2MASS J12592525+2759075). Extended=YES					

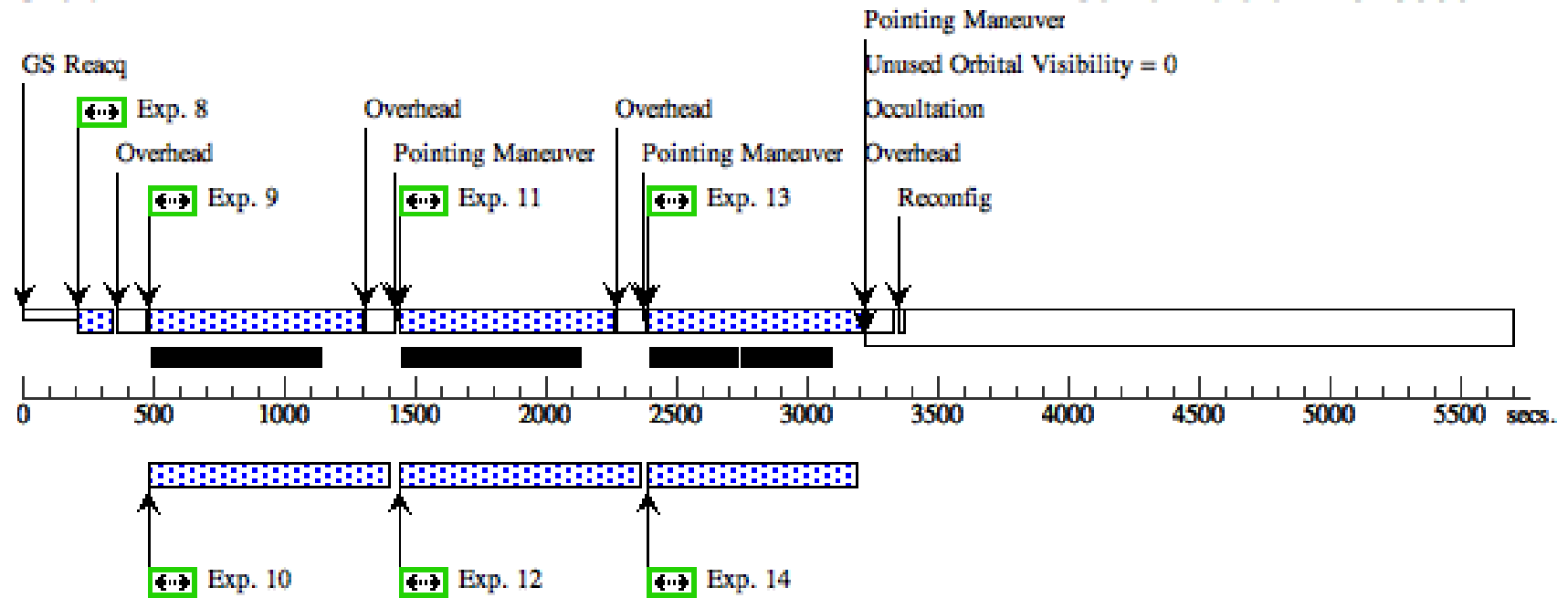
Proposal 14182 - Tile14 (14) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(14) TILE-14	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O BASE1B3		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(14) TILE-14	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile14 (14)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile14 (14)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(14) TILE-14	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile14 (14)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile14 (14)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(14) TILE-14	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile14 (14)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile14 (14)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(14) TILE-14	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(14) TILE-14	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile14 (14)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile14 (14)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(14) TILE-14	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile14 (14)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile14 (14)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(14) TILE-14	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile14 (14)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile14 (14)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(14) TILE-14	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile14 (14)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile14 (14)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(14) TILE-14	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile14 (14)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile14 (14)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
									[==>605.0 Secs (Copy 2)]	[3]



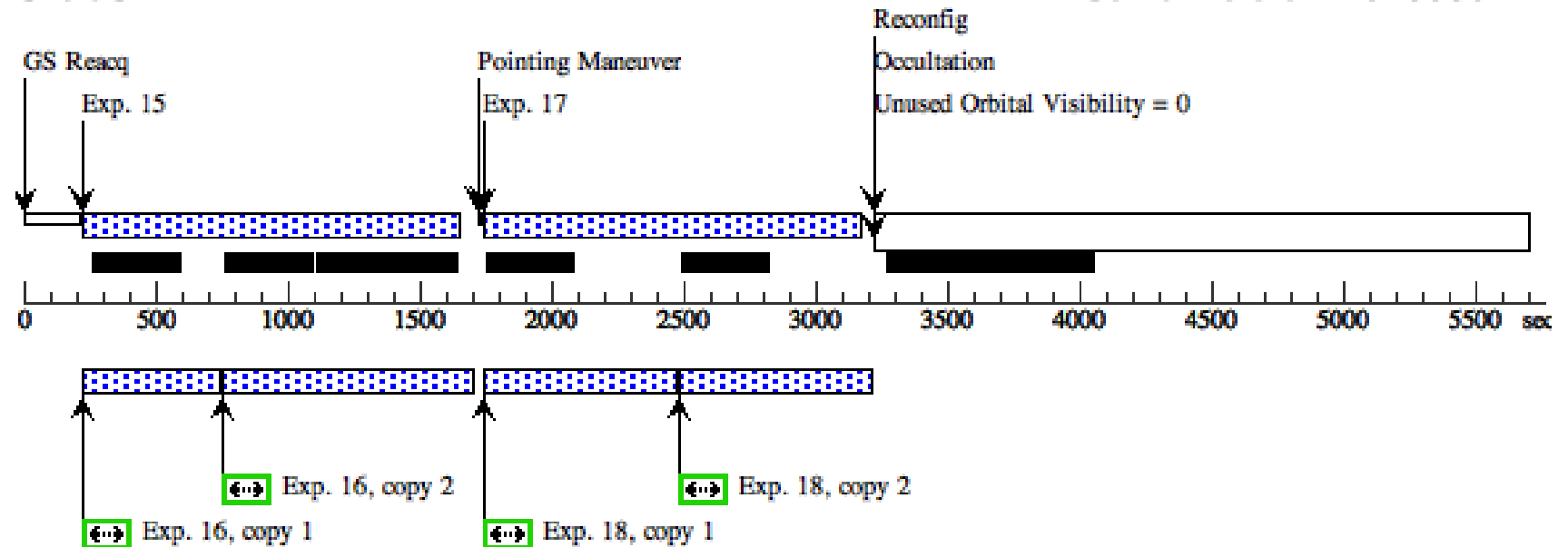
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

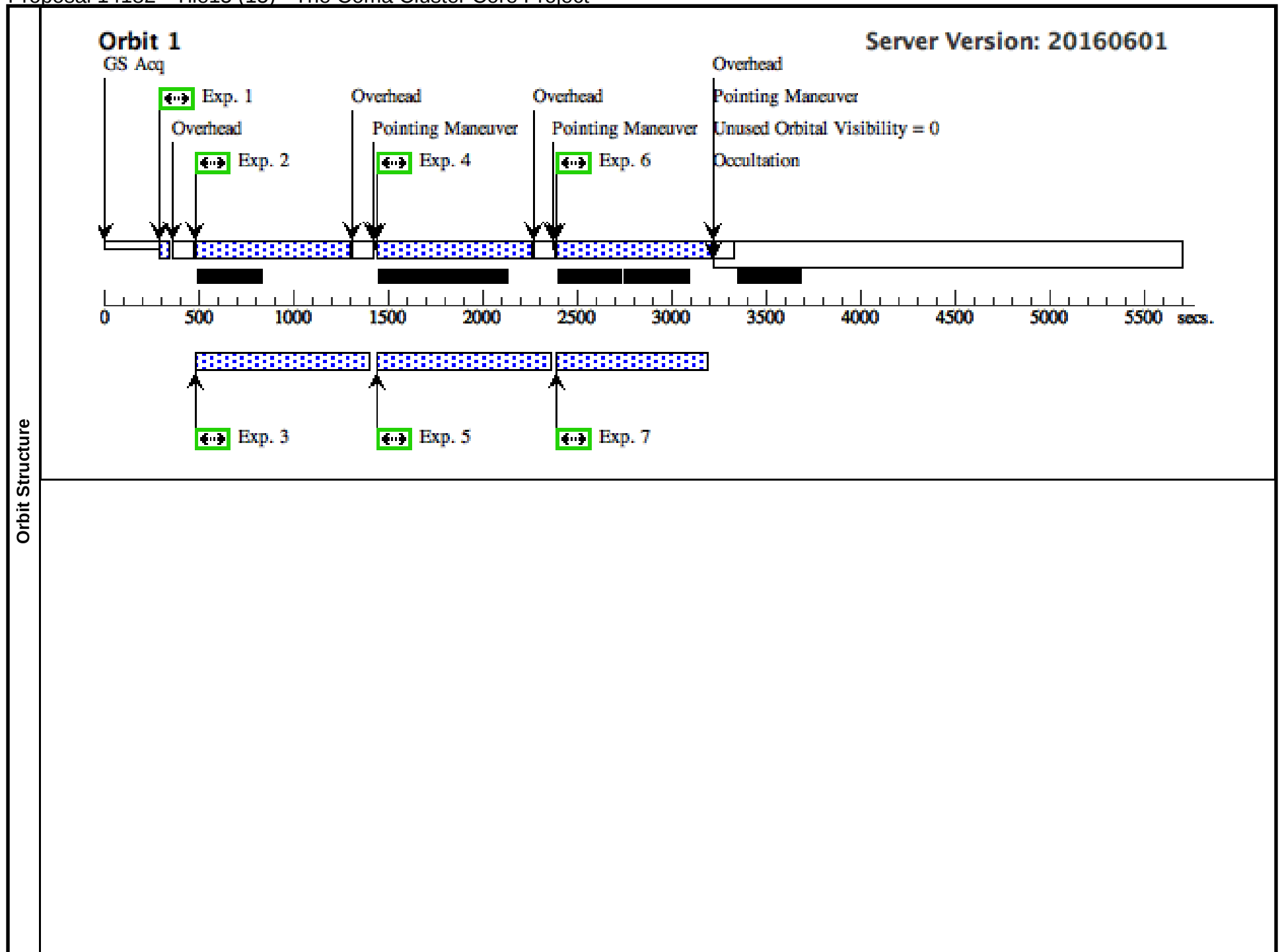


Proposal 14182 - Tile15 (15) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile15 (15), completed Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 130D TO 150 D				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(15)	TILE-15	RA: 13 00 39.2780 (195.1636583d) Dec: +28 01 12.29 (28.02008d) Equinox: J2000		V=14.22
Comments: Flux of brightest galaxy IC4041 is V=14.8 mag. Brightest star in FOV has B=14.69, V=14.22, H=12.83 (2MASS J13003879+2801029). Extended=YES					
Reference Frame: ICRS					

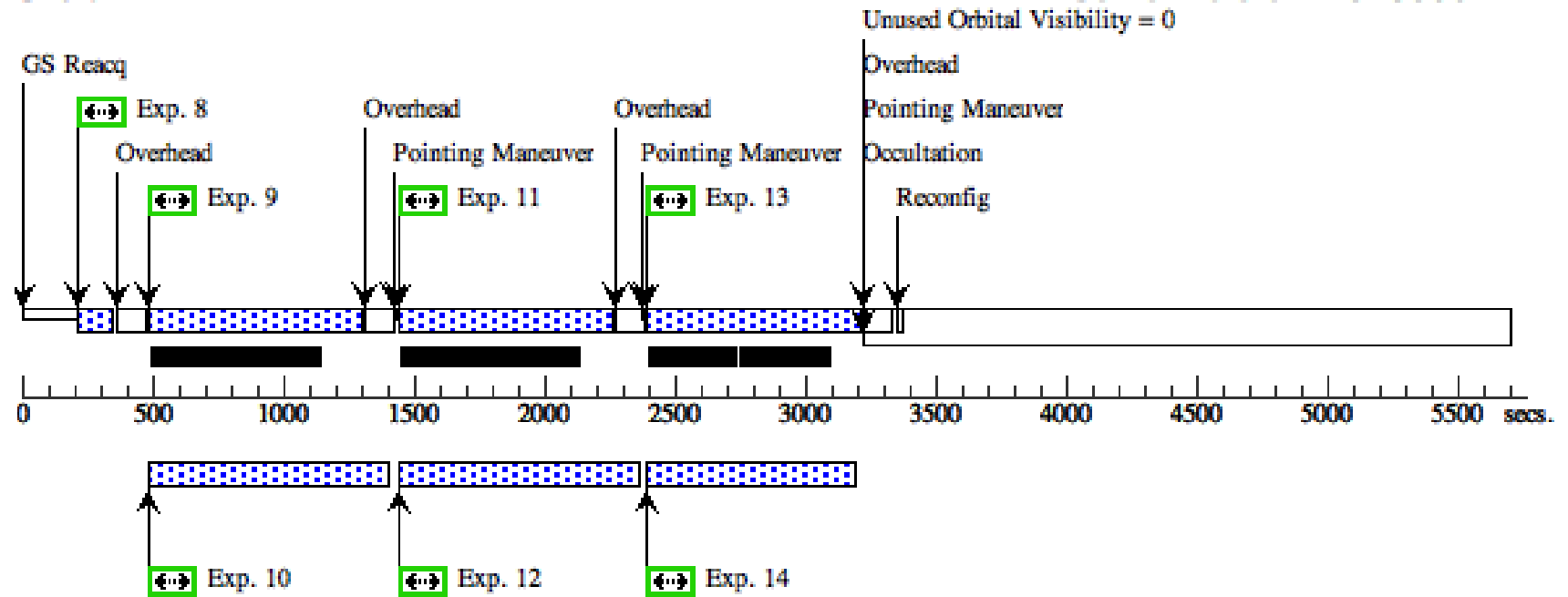
Proposal 14182 - Tile15 (15) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(15) TILE-15	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12			21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(15) TILE-15	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile15 (15)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile15 (15)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(15) TILE-15	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile15 (15)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile15 (15)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(15) TILE-15	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile15 (15)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile15 (15)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(15) TILE-15	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(15) TILE-15	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile15 (15)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile15 (15)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(15) TILE-15	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile15 (15)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile15 (15)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(15) TILE-15	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile15 (15)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile15 (15)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(15) TILE-15	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile15 (15)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile15 (15)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(15) TILE-15	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile15 (15)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile15 (15)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
									[==>605.0 Secs (Copy 2)]	[3]



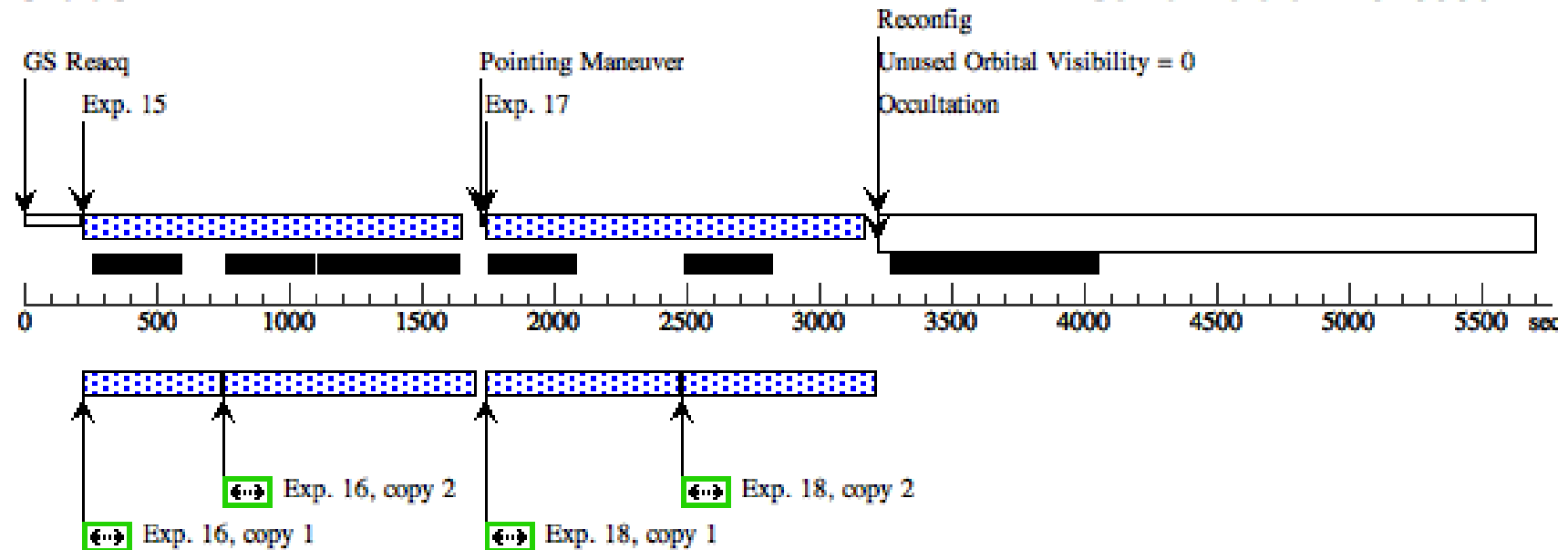
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

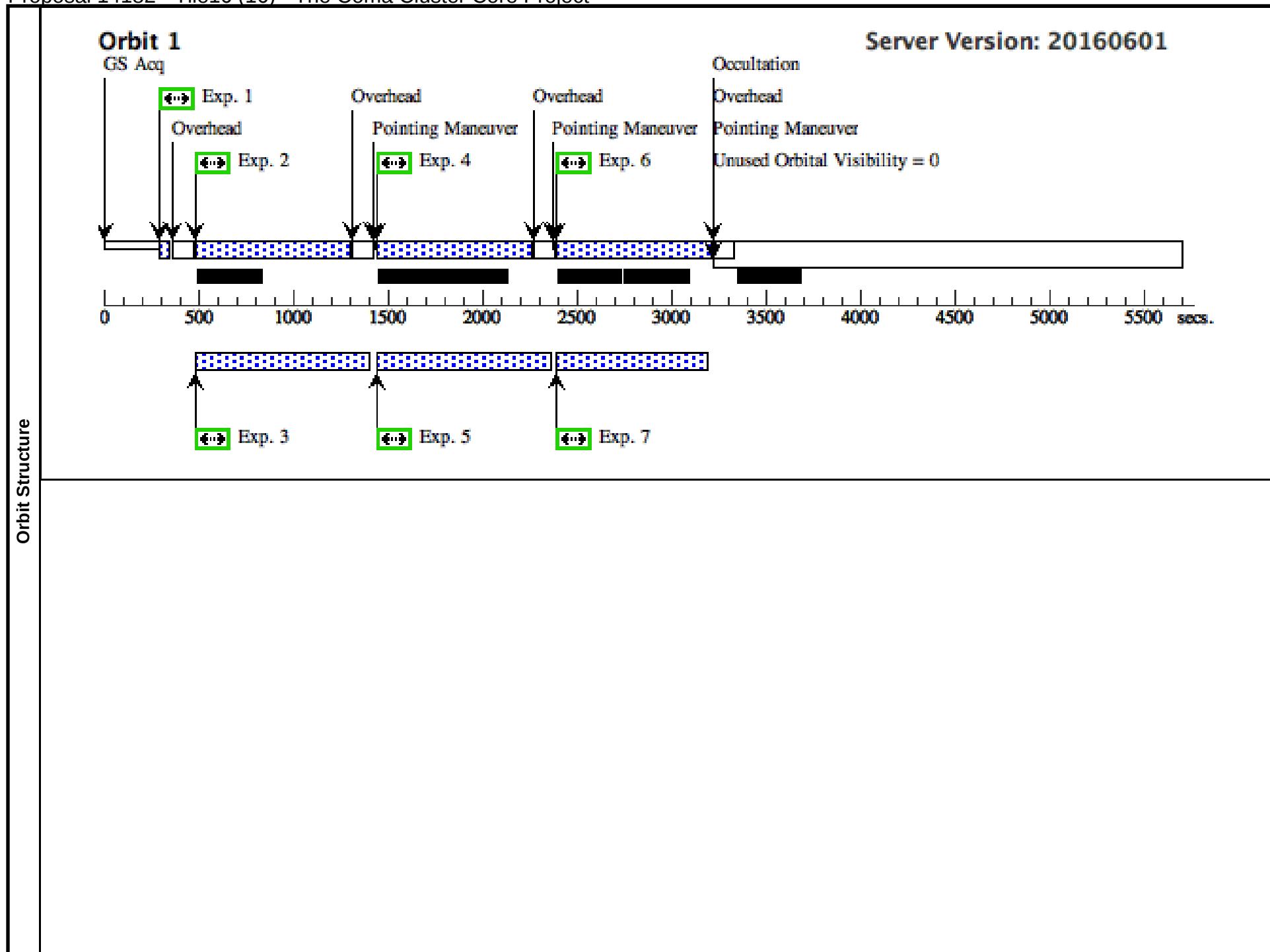


Proposal 14182 - Tile16 (16) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile16 (16), completed Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 15				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(16)	TILE-16	RA: 13 00 27.0376 (195.1126567d) Dec: +28 01 12.57 (28.02016d) Equinox: J2000		V=15.17 B=15.75 H=13.84
Comments: Brightest star in FOV has B=15.75, V=15.17, H=13.84 (2MASS J13002449+2800487). Extended=YES					

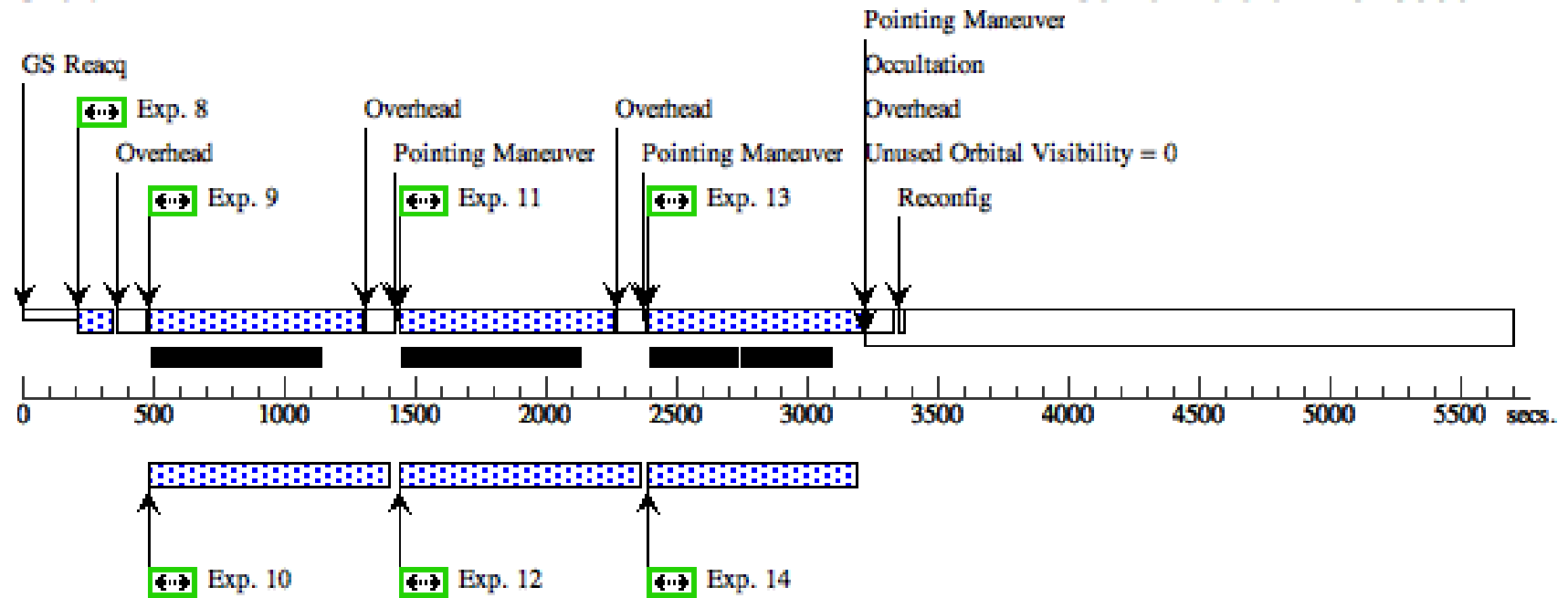
Proposal 14182 - Tile16 (16) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(16) TILE-16	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12			21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(16) TILE-16	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile16 (16)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile16 (16)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(16) TILE-16	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile16 (16)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile16 (16)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(16) TILE-16	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile16 (16)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile16 (16)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(16) TILE-16	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(16) TILE-16	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile16 (16)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile16 (16)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(16) TILE-16	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile16 (16)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile16 (16)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(16) TILE-16	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile16 (16)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile16 (16)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(16) TILE-16	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile16 (16)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile16 (16)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	[3]
									[==>830.0 Secs (Copy 2)]	
	17	IR2	(16) TILE-16	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile16 (16)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile16 (16)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	[3]
									[==>605.0 Secs (Copy 2)]	



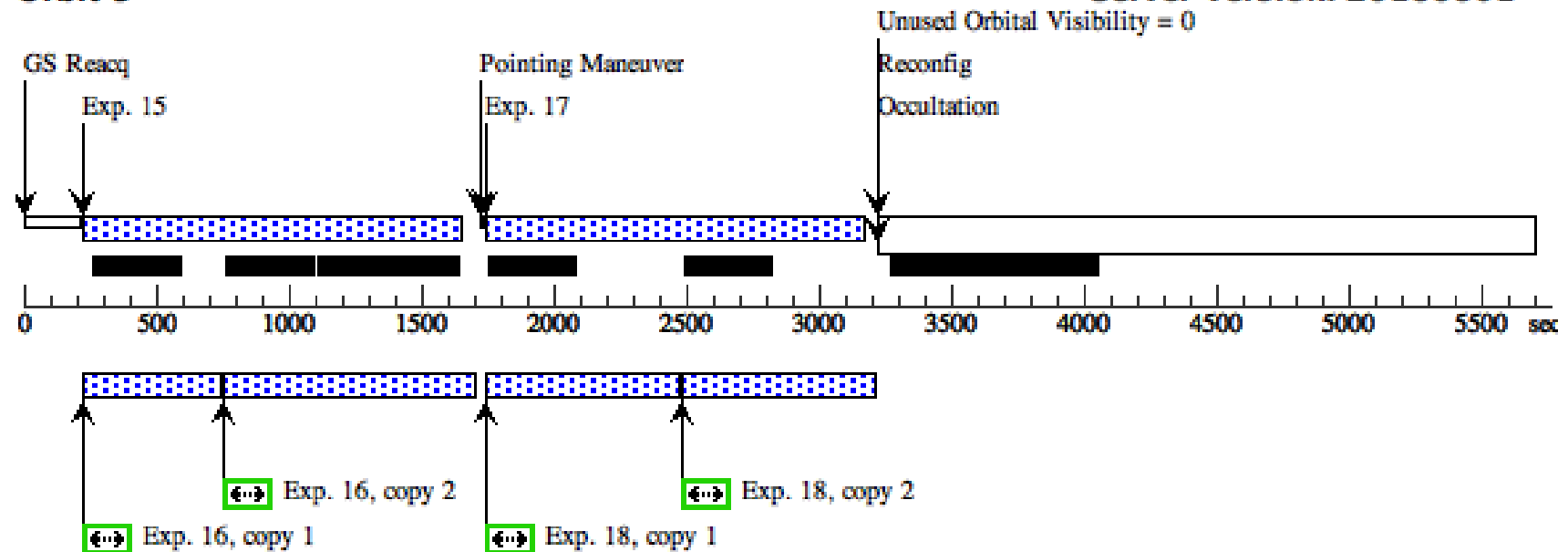
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

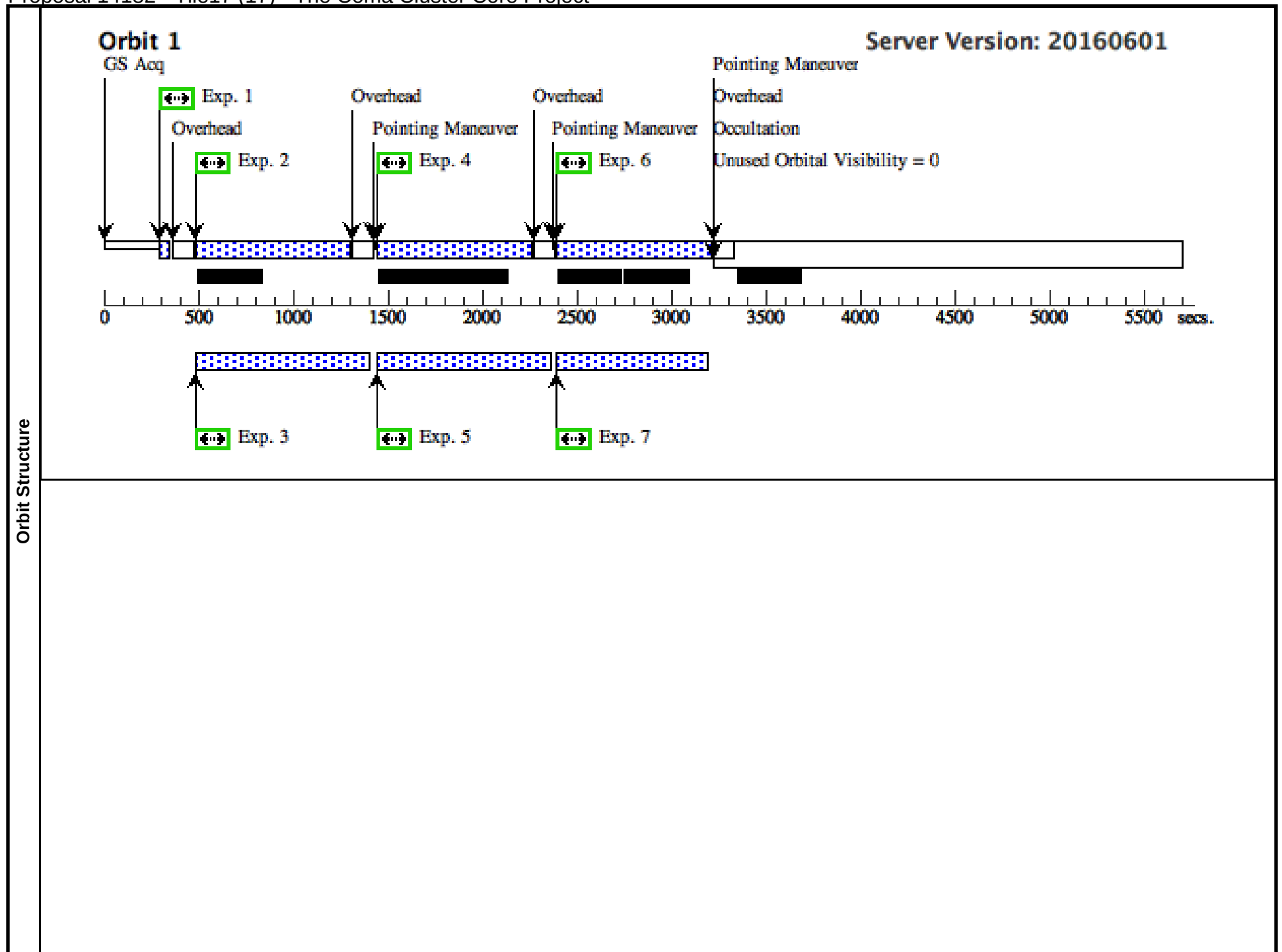


Proposal 14182 - Tile17 (17) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile17 (17), completed Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 15				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(17)	TILE-17	RA: 13 00 14.8273 (195.0617804d) Dec: +28 01 13.85 (28.02051d) Equinox: J2000		V=14.8 B=16.0 H=12.0
Comments: Flux of brightest galaxy IC4021 is V=14.8 mag. Brightest star in FOV has B=16.03, V=15.44, H=13.95 (2MASS J13001245+2800573). Extended=YES					

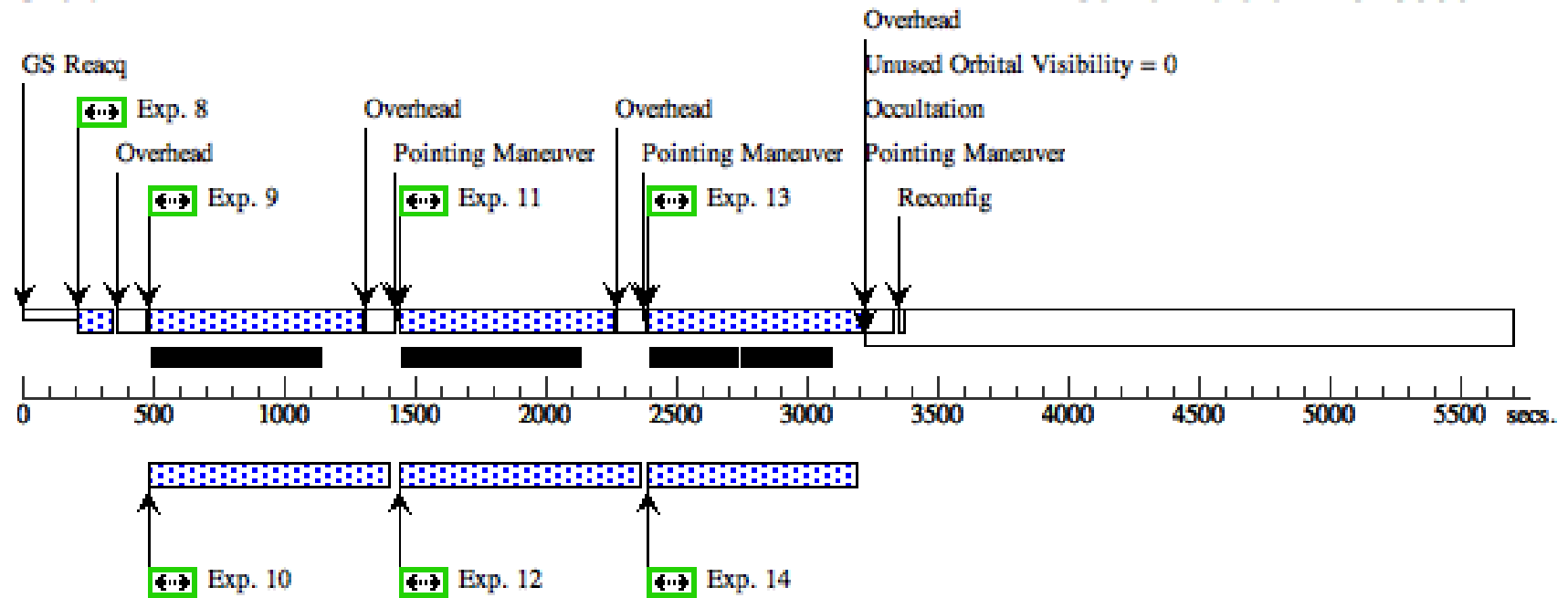
Proposal 14182 - Tile17 (17) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(17) TILE-17	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12			21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(17) TILE-17	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile17 (17)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile17 (17)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(17) TILE-17	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile17 (17)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile17 (17)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(17) TILE-17	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile17 (17)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile17 (17)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(17) TILE-17	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(17) TILE-17	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile17 (17)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile17 (17)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(17) TILE-17	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile17 (17)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile17 (17)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(17) TILE-17	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile17 (17)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile17 (17)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(17) TILE-17	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile17 (17)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile17 (17)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(17) TILE-17	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile17 (17)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile17 (17)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
									[==>605.0 Secs (Copy 2)]	[3]



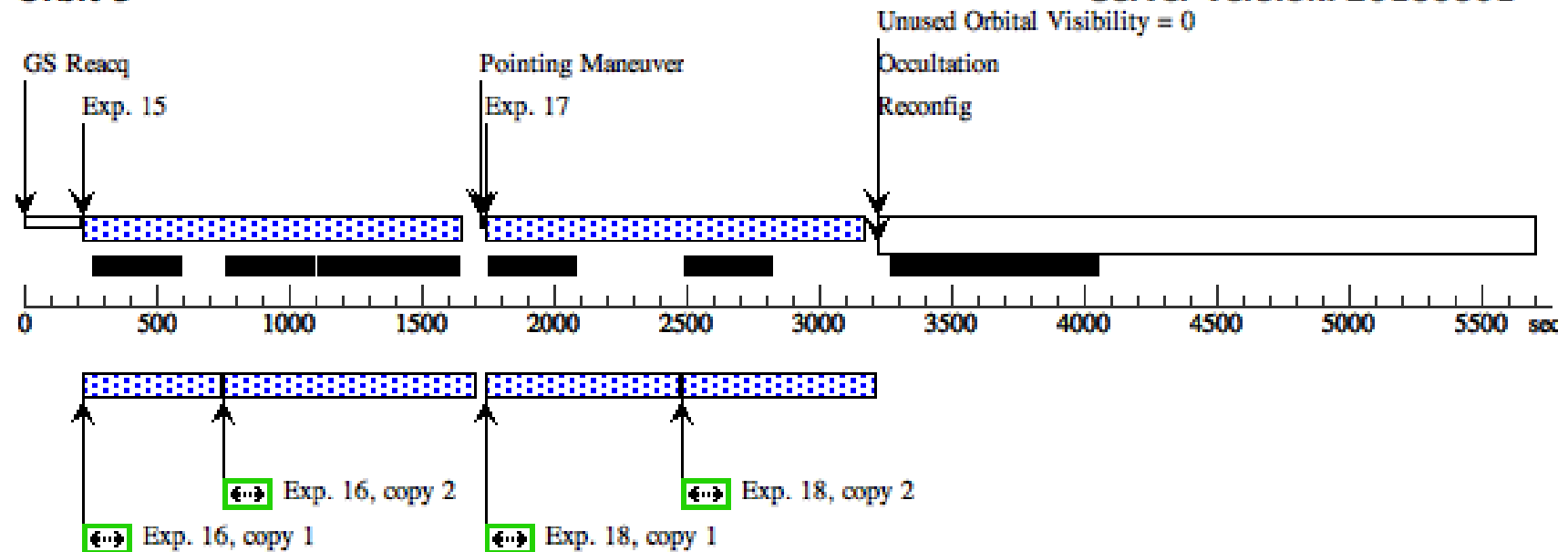
Orbit 2

Server Version: 20160601



Orbit 3

Server Version: 20160601

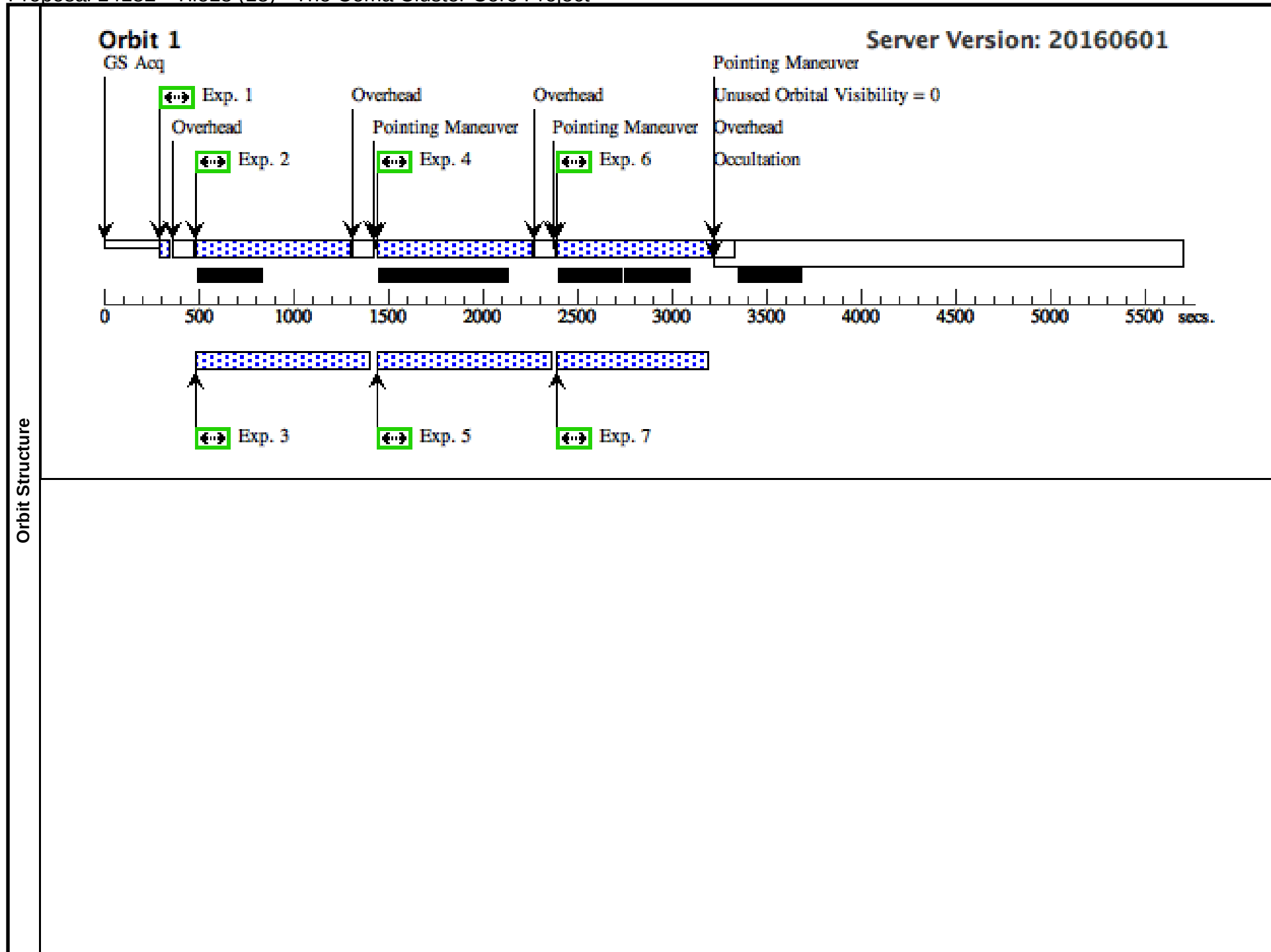


Proposal 14182 - Tile18 (18) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile18 (18), completed Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 220D TO 240 D <i>Comments: NWN corner (horn)</i>				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(18)	TILE-18	RA: 12 59 31.6137 (194.8817237d) Dec: +28 01 36.20 (28.02672d) Equinox: J2000		V=15.0 B=15.9 H=12.2
<i>Comments: Flux of brightest galaxy 2MASX J12593141+2802478 is V=15.0 mag. Brightest star in FOV has B=17.27, V=16.66, H=15.01 (2MASS J12592653+2800239). Extended=YES</i>					

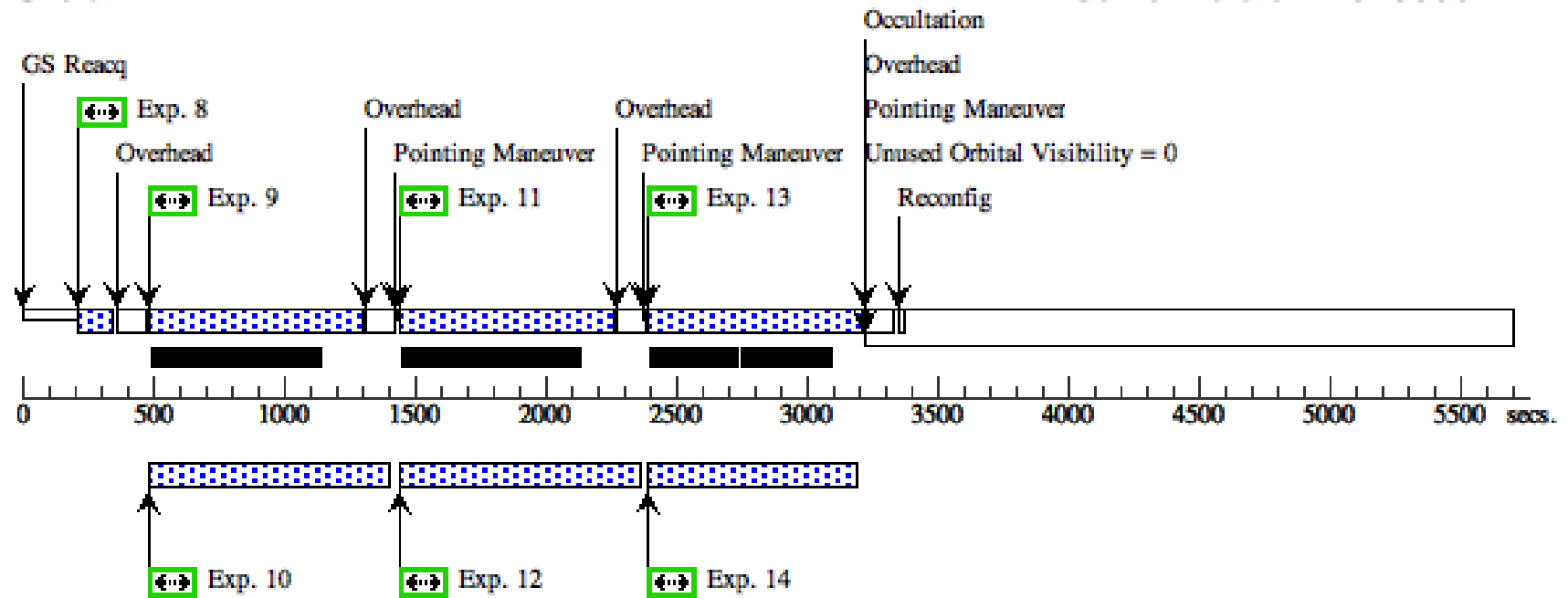
Proposal 14182 - Tile18 (18) - The Coma Cluster Core Project

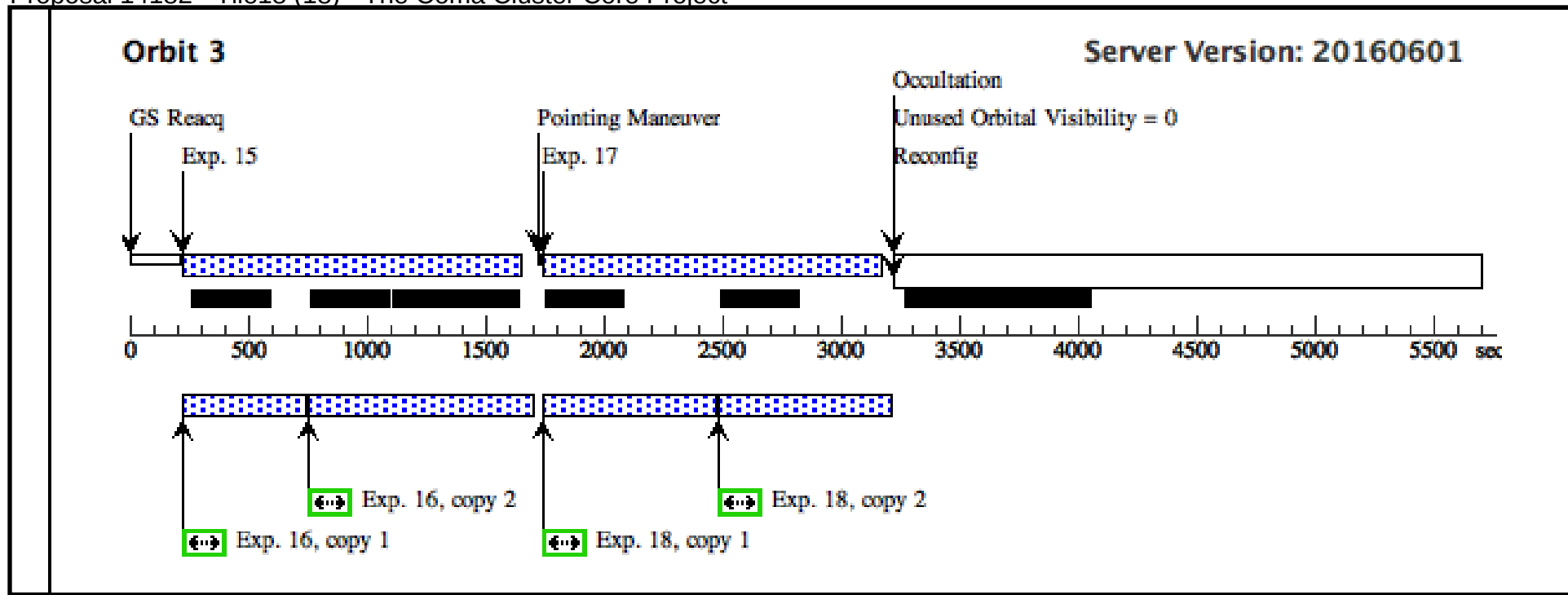
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(18) TILE-18	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	GS ACQ SCENARI O BASE1B3		21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(18) TILE-18	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile18 (18)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile18 (18)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(18) TILE-18	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile18 (18)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile18 (18)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(18) TILE-18	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile18 (18)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile18 (18)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(18) TILE-18	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(18) TILE-18	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile18 (18)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile18 (18)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(18) TILE-18	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile18 (18)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile18 (18)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(18) TILE-18	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile18 (18)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile18 (18)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(18) TILE-18	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile18 (18)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile18 (18)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(18) TILE-18	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile18 (18)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile18 (18)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
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Orbit 2

Server Version: 20160601



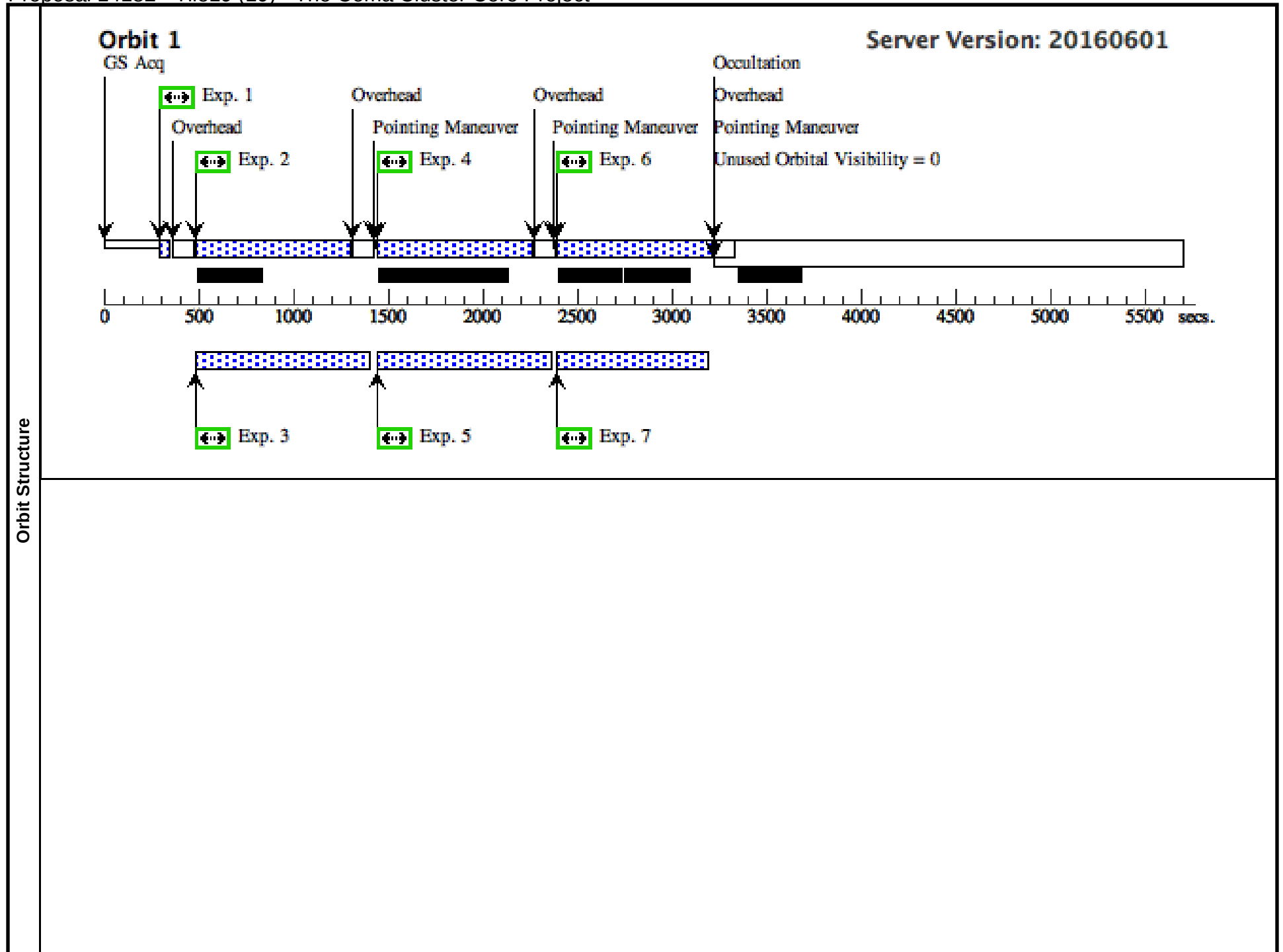


Proposal 14182 - Tile19 (19) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile19 (19), failed Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 15 <i>Comments: NE corner</i>				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(19)	TILE-19	RA: 13 00 40.2597 (195.1677488d) Dec: +28 03 54.50 (28.06514d) Equinox: J2000		V=14.8 B=15.1 H=12.3
<i>Comments: Flux of brightest galaxy IC4040 is V=14.8 mag. Brightest star in FOV (western edge) has B=18.8, V=17.21, H=13.02 (2MASS J13003422+2804036).</i> <i>Extended=YES</i>					

Proposal 14182 - Tile19 (19) - The Coma Cluster Core Project

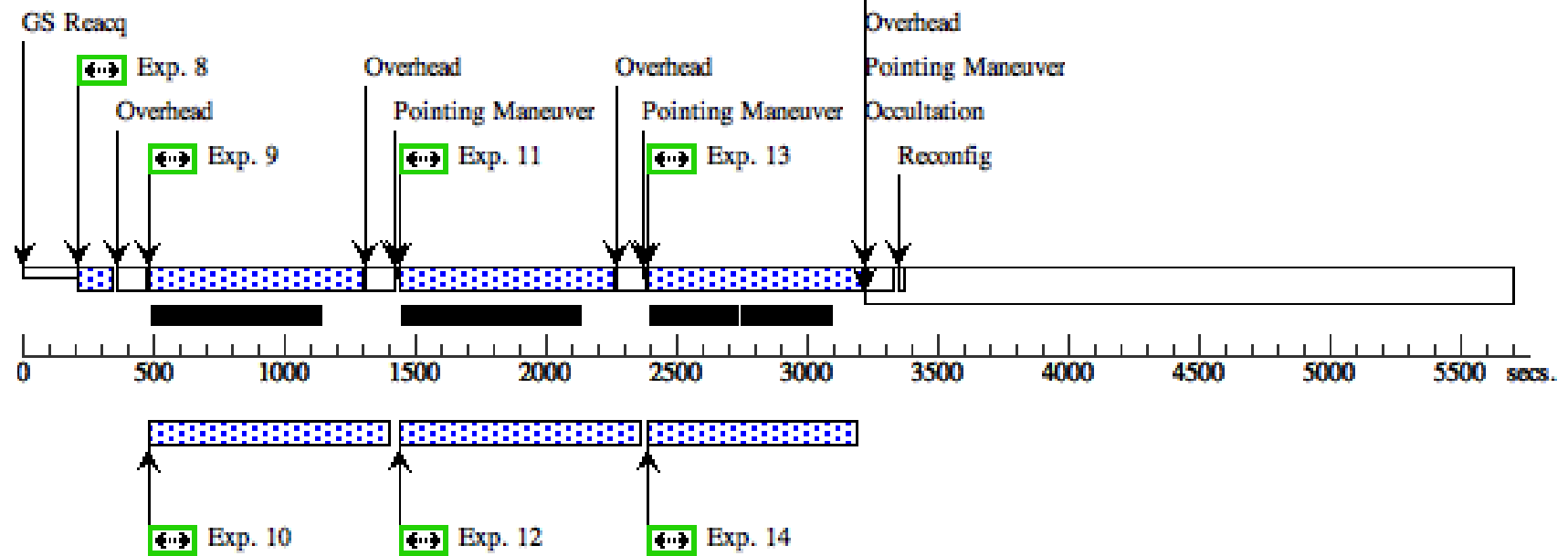
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(19) TILE-19	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12			21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(19) TILE-19	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile19 (19)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile19 (19)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(19) TILE-19	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile19 (19)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile19 (19)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(19) TILE-19	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile19 (19)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile19 (19)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(19) TILE-19	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(19) TILE-19	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile19 (19)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile19 (19)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(19) TILE-19	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile19 (19)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile19 (19)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(19) TILE-19	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile19 (19)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile19 (19)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(19) TILE-19	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile19 (19)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile19 (19)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(19) TILE-19	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile19 (19)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile19 (19)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
									[==>605.0 Secs (Copy 2)]	[3]

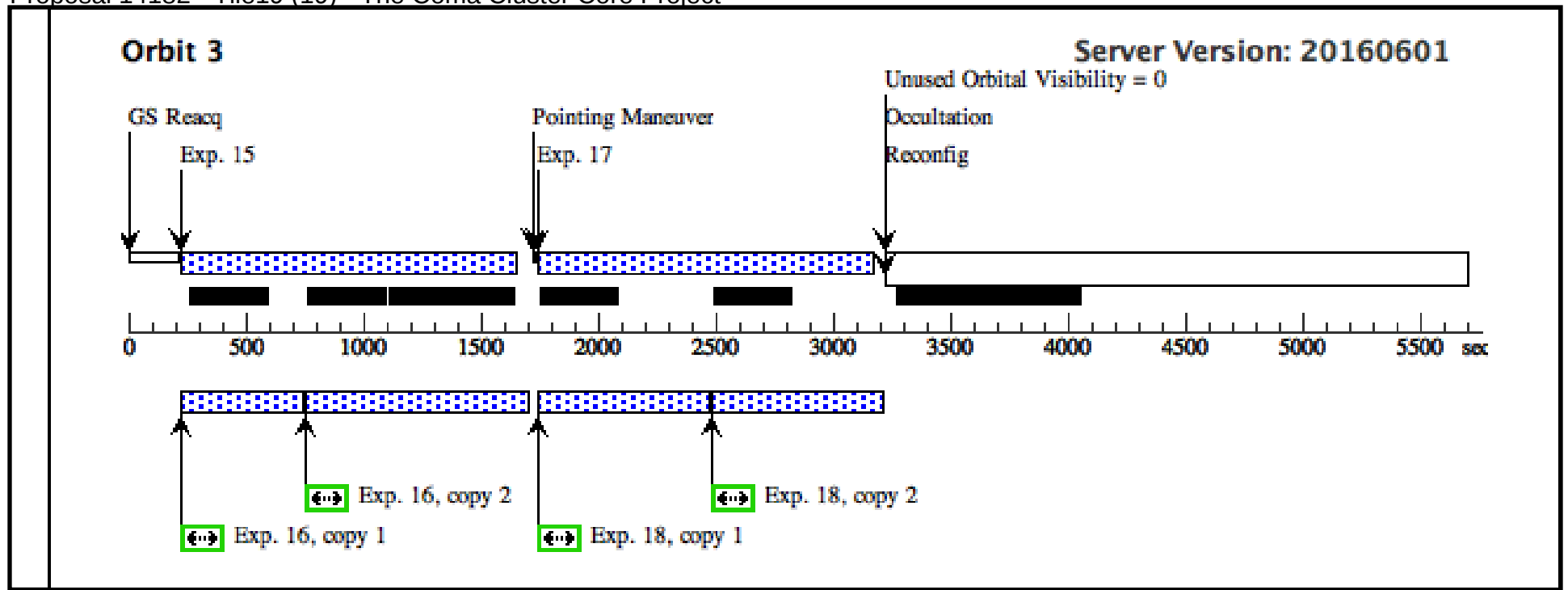


Orbit 2

Server Version: 20160601

Unused Orbital Visibility = 0





Proposal 14182 - Tile19 (59) - The Coma Cluster Core Project

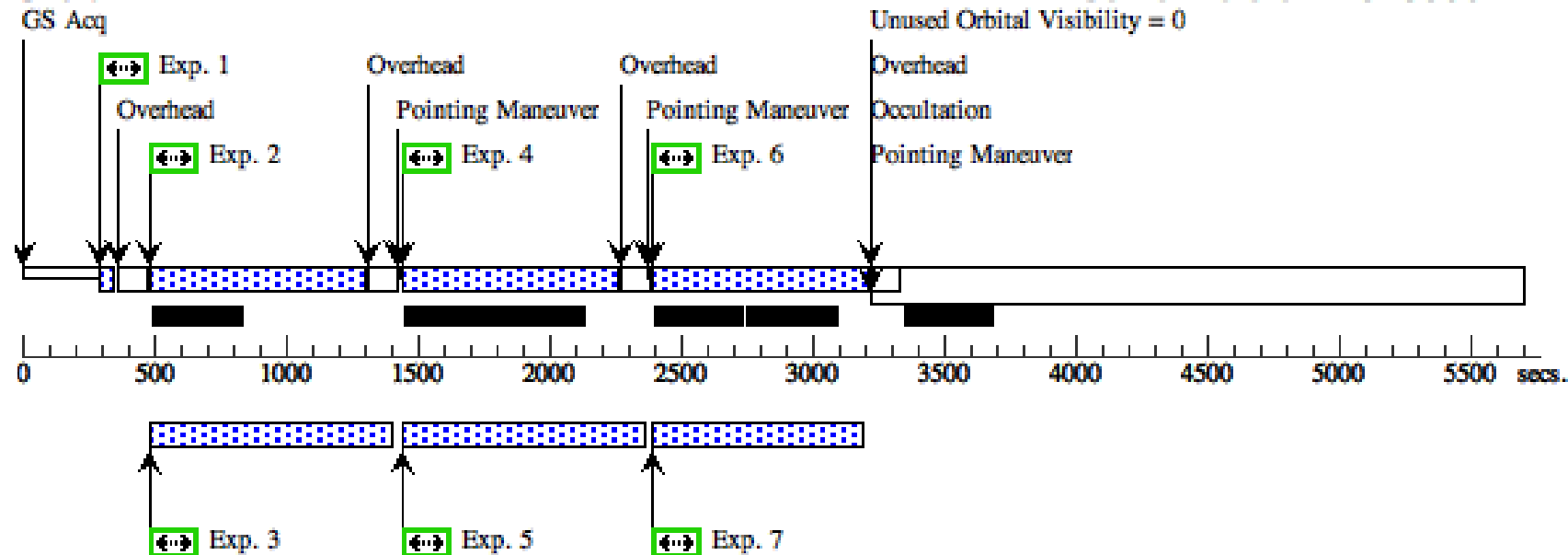
Visit	Proposal 14182, Tile19 (59), scheduling Fri Jul 29 17:17:36 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: ORIENT 142D TO 144 D <i>Comments: NE corner</i>				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(22)	TILE-19-COPY	RA: 13 00 2.6102 (195.0108758d) Dec: +28 01 16.73 (28.02131d) Equinox: J2000		V=14.8 B=15.1 H=12.3
<i>Comments: Flux of brightest galaxy IC4040 is V=14.8 mag. Brightest star in FOV (western edge) has B=18.8, V=17.21, H=13.02 (2MASS J13003422+2804036).</i> Extended=YES					

Proposal 14182 - Tile19 (59) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(22) TILE-19-COPY	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12			21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(22) TILE-19-COPY	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile19 (59)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile19 (59)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(22) TILE-19-COPY	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile19 (59)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile19 (59)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(22) TILE-19-COPY	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile19 (59)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile19 (59)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(22) TILE-19-COPY	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(22) TILE-19-COPY	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile19 (59)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile19 (59)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(22) TILE-19-COPY	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile19 (59)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile19 (59)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(22) TILE-19-COPY	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile19 (59)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile19 (59)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(22) TILE-19-COPY	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile19 (59)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile19 (59)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(22) TILE-19-COPY	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile19 (59)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile19 (59)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
									[==>605.0 Secs (Copy 2)]	[3]

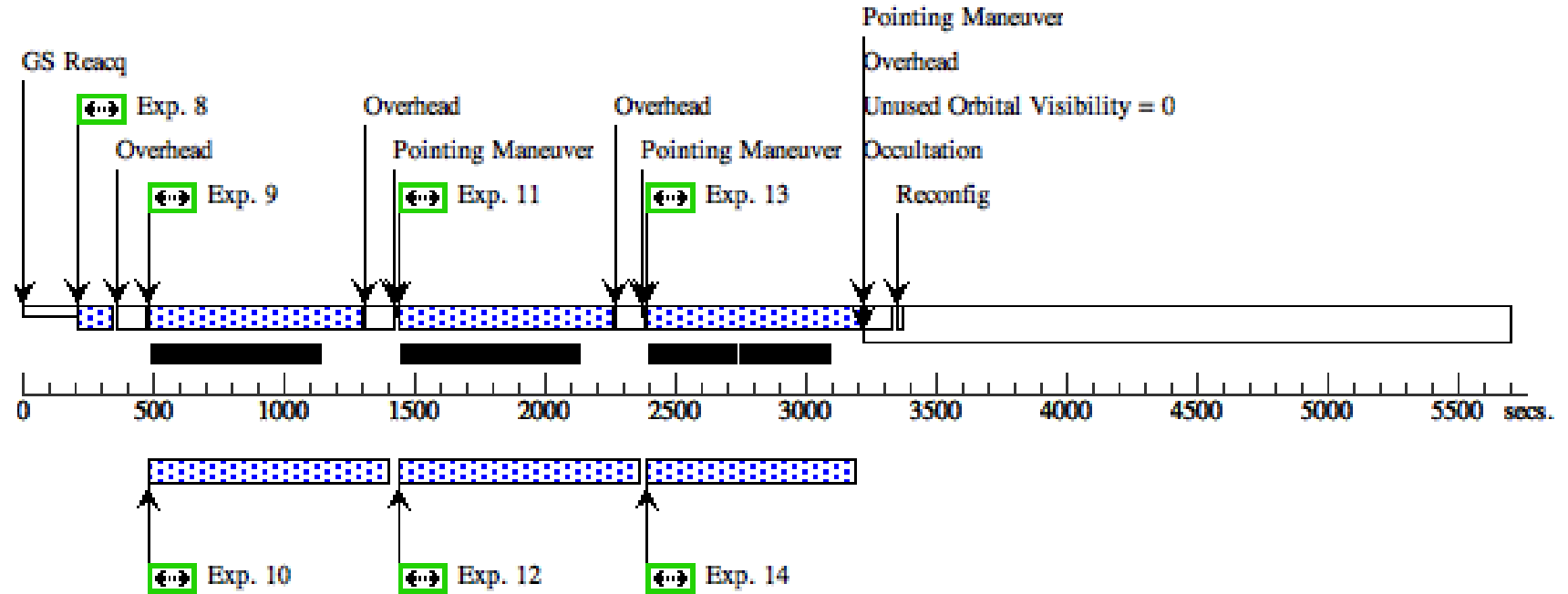
Orbit 1

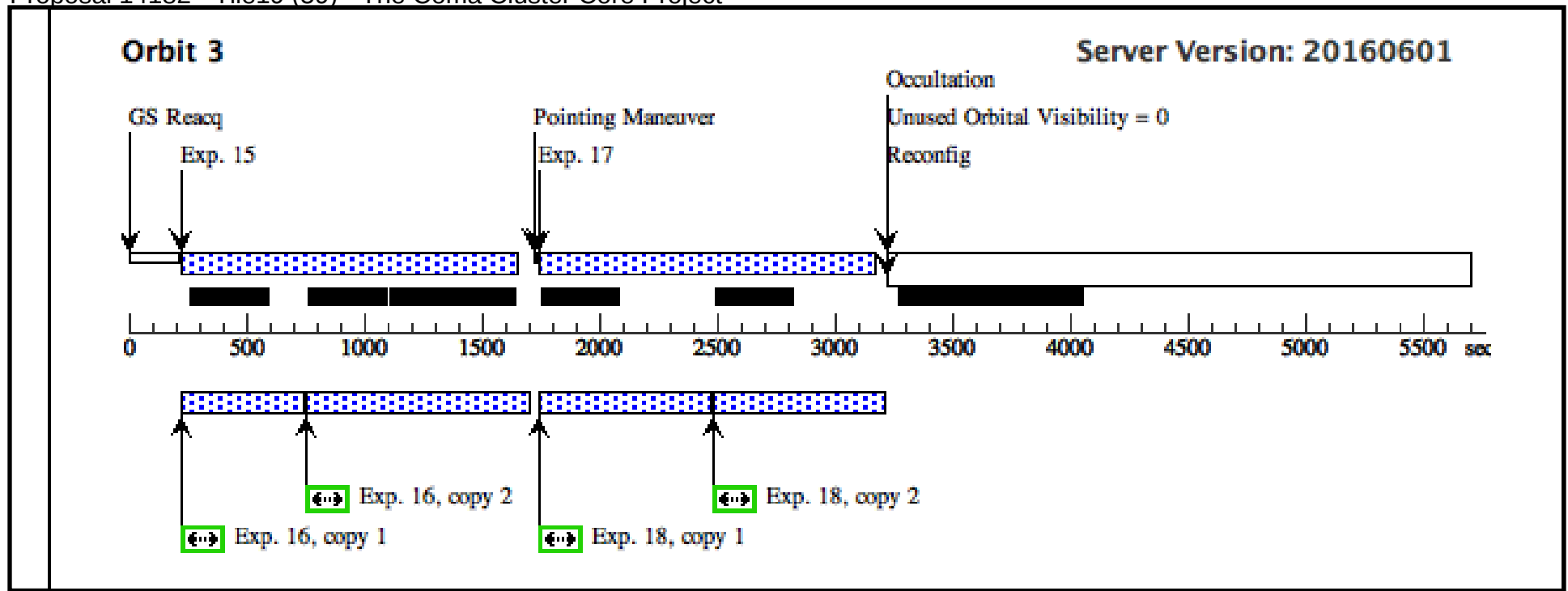
Server Version: 20160601



Orbit 2

Server Version: 20160601



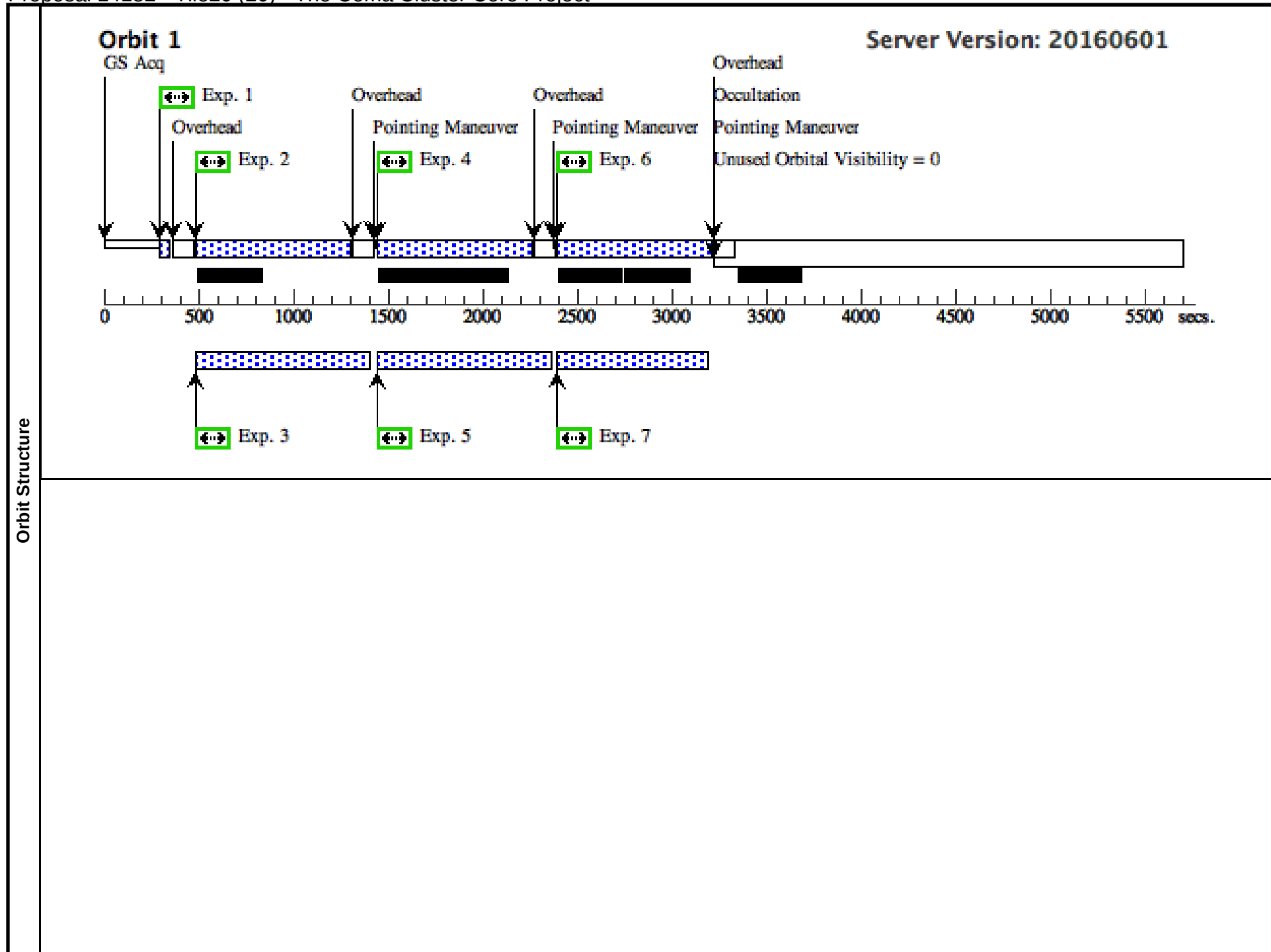


Proposal 14182 - Tile20 (20) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile20 (20), completed					Fri Jul 29 17:17:37 GMT 2016
	Diagnostic Status: No Diagnostics					
	Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC					
	Special Requirements: SAME ORIENT AS 15					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	TILE-20	RA: 13 00 28.0317 (195.1167987d)		V=14.6	Reference Frame: ICRS
			Dec: +28 03 55.35 (28.06537d)		B=15.5 H=11.8	
			Equinox: J2000			
	Comments: Flux of brightest galaxy IC4026 is V=14.6 mag. Brightest star in FOV (eastern edge) has B=18.8, V=17.21, H=13.02 (2MASS J13003422+2804036). Extended=YES					

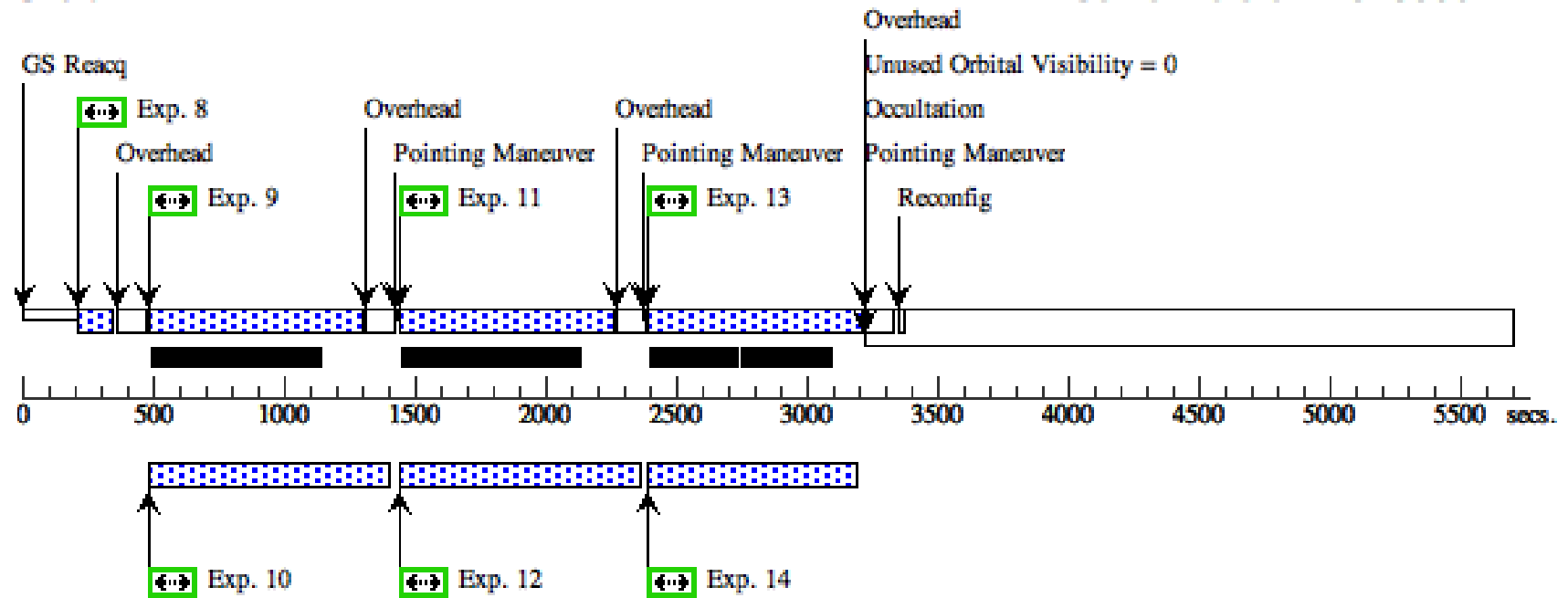
Proposal 14182 - Tile20 (20) - The Coma Cluster Core Project

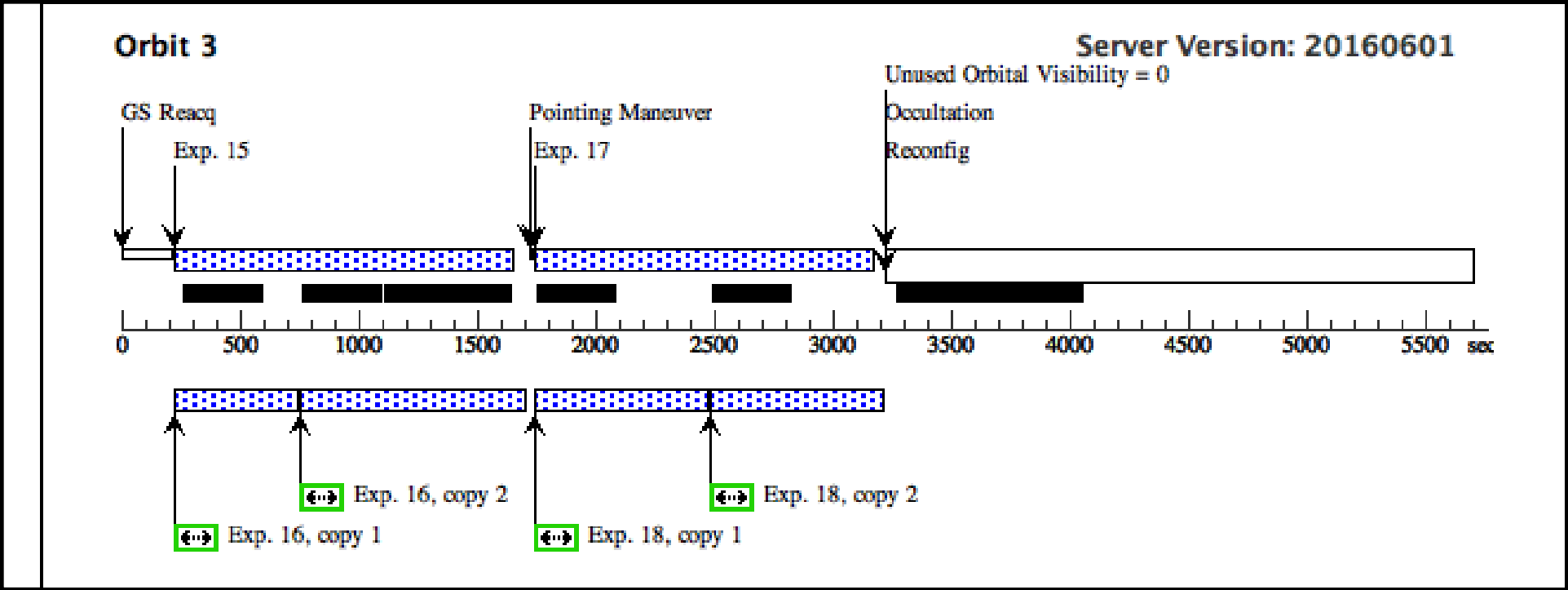
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(20) TILE-20	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12			21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(20) TILE-20	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile20 (20)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile20 (20)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(20) TILE-20	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile20 (20)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile20 (20)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(20) TILE-20	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile20 (20)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile20 (20)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(20) TILE-20	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(20) TILE-20	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile20 (20)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile20 (20)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(20) TILE-20	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile20 (20)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile20 (20)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(20) TILE-20	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile20 (20)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile20 (20)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(20) TILE-20	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile20 (20)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile20 (20)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(20) TILE-20	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile20 (20)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile20 (20)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
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Orbit 2

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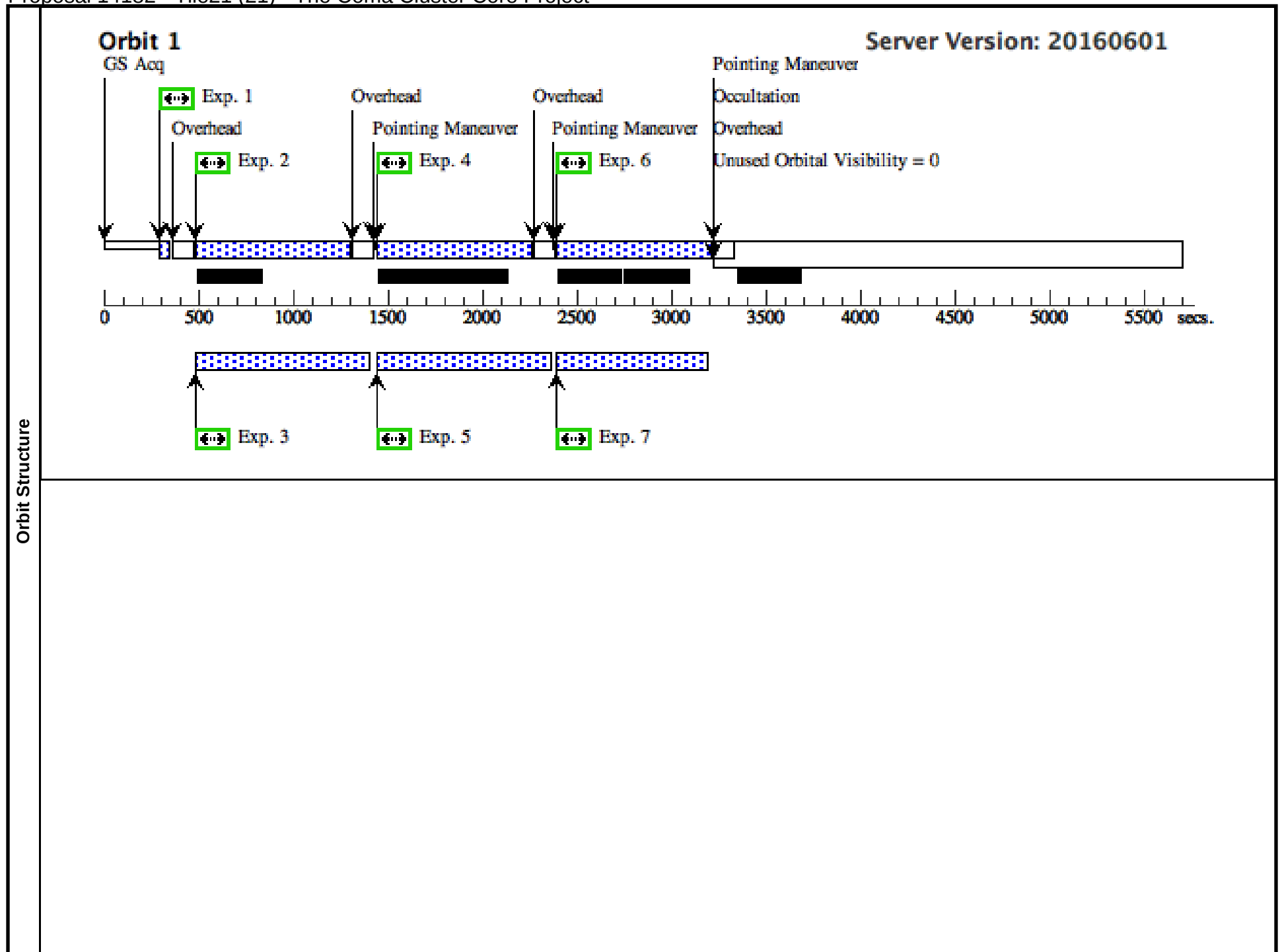


Proposal 14182 - Tile21 (21) - The Coma Cluster Core Project

Visit	Proposal 14182, Tile21 (21), completed Fri Jul 29 17:17:37 GMT 2016				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC Special Requirements: SAME ORIENT AS 15 <i>Comments: NNW corner</i>				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(21)	TILE-21	RA: 13 00 15.7989 (195.0658288d) Dec: +28 03 56.09 (28.06558d) Equinox: J2000		V=15.2 B=16.3 H=12.4
<i>Comments: Flux of brightest galaxy 2MASX J13001286+2804322 is V=15.2 mag. Brightest star in FOV has B=15.95, V=15.4, H=13.93 (2MASS J13001845+2802351). Extended=YES</i>					

Proposal 14182 - Tile21 (21) - The Coma Cluster Core Project

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	UVshort1	(21) TILE-21	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12			21 Secs (21 Secs)	
									[==>]	[1]
	2	UVlong1	(21) TILE-21	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 1	Prime + Parallel Group 2-3 in Tile21 (21)	820 Secs (820 Secs)	
									[==>]	[1]
	3		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 2-3 in Tile21 (21)	715 Secs (715 Secs)	
									[==>]	[1]
	4	UVlong2	(21) TILE-21	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.22,0.2	Prime + Parallel Group 4-5 in Tile21 (21)	820 Secs (820 Secs)	
									[==>]	[1]
	5		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 4-5 in Tile21 (21)	797 Secs (797 Secs)	
									[==>]	[1]
	6	UVlong3	(21) TILE-21	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.44,0.4	Prime + Parallel Group 6-7 in Tile21 (21)	820 Secs (820 Secs)	
									[==>]	[1]
	7		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 6-7 in Tile21 (21)	674 Secs (674 Secs)	
									[==>]	[1]
	8	UVshort2	(21) TILE-21	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.165,0.055		132 Secs (132 Secs)	
									[==>]	[2]
	9	UVlong4	(21) TILE-21	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	SAME POS AS 8	Prime + Parallel Group 9-10 in Tile21 (21)	820 Secs (820 Secs)	
									[==>]	[2]
	10		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 9-10 in Tile21 (21)	797 Secs (797 Secs)	
									[==>]	[2]
	11	UVlong5	(21) TILE-21	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.385,0.275	Prime + Parallel Group 11-12 in Tile21 (21)	820 Secs (820 Secs)	
									[==>]	[2]
	12		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 11-12 in Tile21 (21)	797 Secs (797 Secs)	
									[==>]	[2]
	13	UVlong6	(21) TILE-21	WFC3/UVIS, ACCUM, UVIS-IR-FIX	F336W	FLASH=12	POS TARG 0.605,0.495	Prime + Parallel Group 13-14 in Tile21 (21)	820 Secs (820 Secs)	
									[==>]	[2]
	14		ANY	ACS/WFC, ACCUM, WFCENTER	F475W			Prime + Parallel Group 13-14 in Tile21 (21)	674 Secs (674 Secs)	
									[==>]	[2]
	15	IR1	(21) TILE-21	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100		Prime + Parallel Group 15-16 in Tile21 (21)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	16		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 15-16 in Tile21 (21)	648 Secs X 2 (1186 Secs)	
									[==>356.0 Secs (Copy 1)]	
									[==>830.0 Secs (Copy 2)]	[3]
	17	IR2	(21) TILE-21	WFC3/IR, MULTIACCUM, IR-UVIS-FIX	F160W	NSAMP=15; SAMP-SEQ=SPAR S100	POS TARG 0.325,0.325	Prime + Parallel Group 17-18 in Tile21 (21)	1402.936813 Secs (1402.937 Secs)	
									[==>]	[3]
	18		ANY	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 17-18 in Tile21 (21)	648 Secs X 2 (1210 Secs)	
									[==>605.0 Secs (Copy 1)]	
									[==>605.0 Secs (Copy 2)]	[3]



Orbit 2

Server Version: 20160601

