13659 - A New View of Dust at Low Metallicity: The First Maps of SMC Extinction Curves

Cycle: 22, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) SMC-F14-IR (19) SMC-F14-UVIS (40) SMC-F17-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:03:54.0	yes
02	(2) SMC-F15-IR (20) SMC-F15-UVIS (41) SMC-F18-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:04:01.0	yes
03	(3) SMC-F16-IR (21) SMC-F16-UVIS (42) SMC-F13-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:04:10.0	yes
04	(4) SMC-F17-IR (22) SMC-F17-UVIS (37) SMC-F14-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:04:15.0	yes
05	(5) SMC-F18-IR (23) SMC-F18-UVIS (38) SMC-F15-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:04:21.0	yes
06	(6) SMC-F13-IR (24) SMC-F13-UVIS (39) SMC-F16-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:04:27.0	yes
07	(7) SMC-F08-IR (25) SMC-F08-UVIS (46) SMC-F11-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:04:32.0	yes
08	(8) SMC-F09-IR (26) SMC-F09-UVIS (47) SMC-F12-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:04:38.0	yes
09	(9) SMC-F10-IR (27) SMC-F10-UVIS (48) SMC-F07-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:04:44.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
10	(10) SMC-F11-IR (28) SMC-F11-UVIS (43) SMC-F08-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:04:49.0	yes
11	(11) SMC-F12-IR (29) SMC-F12-UVIS (44) SMC-F09-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:04:54.0	yes
12	(12) SMC-F07-IR (30) SMC-F07-UVIS (45) SMC-F10-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:05:00.0	yes
13	(13) SMC-F02-IR (31) SMC-F02-UVIS (52) SMC-F05-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:05:05.0	yes
14	(14) SMC-F03-IR (32) SMC-F03-UVIS (53) SMC-F06-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:05:10.0	yes
15	(15) SMC-F04-IR (33) SMC-F04-UVIS (54) SMC-F01-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:05:15.0	yes
16	(16) SMC-F05-IR (34) SMC-F05-UVIS (49) SMC-F02-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:05:21.0	yes
17	(17) SMC-F06-IR (35) SMC-F06-UVIS (50) SMC-F03-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:05:27.0	yes
18	(18) SMC-F01-IR (36) SMC-F01-UVIS (51) SMC-F04-WFC	ACS/WFC WFC3/IR WFC3/UVIS	3	24-Apr-2015 21:05:32.0	yes

54 Total Orbits Used

ABSTRACT

In order to constrain basic dust physics and anchor the interpretation of both UV/optical extinction and IR emission at low and high redshifts, we propose seven-filter photometry of a key region in the Small Magellanic Cloud (SMC). Via a cutting-edge technique demonstrated to work in M31 we will use these data to construct the first ever maps of the extinction curve shape (Rv), 2175 Angstrom bump strength, and dust column (Av) across a low metallicity environment. These maps will allow us to (1) measure the true distribution of extinction curves in the SMC, which is frequently used as a template for low metallicity extinction; (2) rigorously test whether PAHs are the carriers of the 2175 Angstrom extinction feature; and (3) place the estimation of dust masses from IR emission in low metallicity systems on a firm empirical and observational footing. Dust regulates the structure and evolution of interstellar medium (ISM) and shapes the optical and ultraviolet emission of galaxies. Its emission at infrared and mm wavelengths represents a powerful tool to probe the ISM out to the highest redshifts. Understanding the physics and interpretation of dust absorption and emission as a function of metallicity is critical to a vast range of science and mapping key dust properties is a new application, uniquely possible with UV through NIR imaging from HST. As such, we expect this program to have wide ranging scientific impact.

OBSERVING DESCRIPTION

Our observations cover a 12 arcmin by 6.5 arcmin region with 9 HST broadband filters, with WFC3 and ACS operated in parallel in each orbit. The observing design is based on the strategy from the Pan-chromatic Hubble Andromeda Treasury. The filters we employ are the following: with WFC3/UVIS - F225W, F275W, F336W; with ACS/WFC F475W, F814W, F550M, F658N; with WFC3/IR F110W, F160W.

We adopt the PHAT tiling/exposure strategy for this project, which represents the most efficient way to map a several arcmin region in multiple WFC3 and ACS bands. This consists of 1 orbit in WFC3/IR and 2 in WFC3/UVIS at each pointing with parallel ACS exposures.There are 18 fields tiled in a 6 by 3 arrangement that cover the full area we will map. Each field requires 3 orbits worth of observations for observations in all 9 filters. We have defined one visit for each field, with 3 orbits in the visit.

The field we target is chosen to cover the same region we have mapped using the IRS instrument on Spitzer, which provides a fully sampled mid-IR spectral map. To match this region, we require half of the orbits to be at an orientation of 357 degrees and the other half to be 180 degrees rotated, at 177 degrees. This rotation allows us to map one half of the brick in parallel. The FOV of WFC3/IR is the smallest of the cameras, so tiling the region with WFC3/IR pointings results in an overlapping grid in ACS which is oriented at 45 degrees with double coverage at all points. The 180 degree flip in the middle ensures that the three primary fields from the first half overlap the parallel fields from the second half.

The first two orbits of each visit have the identical filters as PHAT - 6 bands covering the near-UV to near-IR. In the 3rd orbit, we employ the WFC3/UVIS F225W filter to cover the 2200 Angstrom bump. In parallel we use the ACS/WFC F658N and F550M filters to map Halpha and nearby continuum (to remove from Halpha). F658N covers the Halpha line at the velocity of M31. We chose F550M for continuum removal since it is covers a region of the stellar continuum free from any other strong emission lines.

The exposure times for the first two orbits per visit are very similar to what was done by PHAT, although we have rearranged some of the exposure time to make use of a small increase in the orbit duration in the SMC compared to M31. In addition, to recover some information about the brightest stars in the region, we also employ short "guard" exposures in F475W.

The WFC3/IR primary orbits use STEP MULTIACCUM sequences (NSAMP=9-10) to produce 4x400s exposures in F160W and 1x700s in F110W. The parallel ACS exposures are 4x454s and 1x5s and 1x700s in F475W. The first primary WFC3/UVIS orbits contain 1x560s and 1x700s in F336W and 2x600 in F275W. For the primary orbits with WFC3/UVIS F225W we do one additional 400s exposure in F275W to aid in cosmic ray removal. The remaining WFC3/UVIS exposures in that orbit are all F225W 1x650, 1x1050, and 1x570. In parallel with the first WFC3/UVIS orbit, the ACS exposure times are 1x600, 1x700 and 1x550 in F814W plus 1x10s to avoid saturation. For the second WFC3/UVIS primary orbit we observe with F550M for 1x350s and 1x400s and F658N for 1x650s and 1x950s. Because of the larger FOV for ACS, the final exposure times are doubled by the tiling required to cover a contiguous region with WFC3/IR and eliminate any issues with ACS chip gaps. Finally, we use a dither pattern that works for both the primary and parallel orbits to produce Nyquist-sampled images in F475W, F814W and F160W, which allows us to perform optimal photometry in crowded fields.

Visit

Proposal 13659, Visit 01, implementation Sat Apr 25 01:05:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 3D TO 3 D

Diagnostics

(Visit 01) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 01) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 01) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

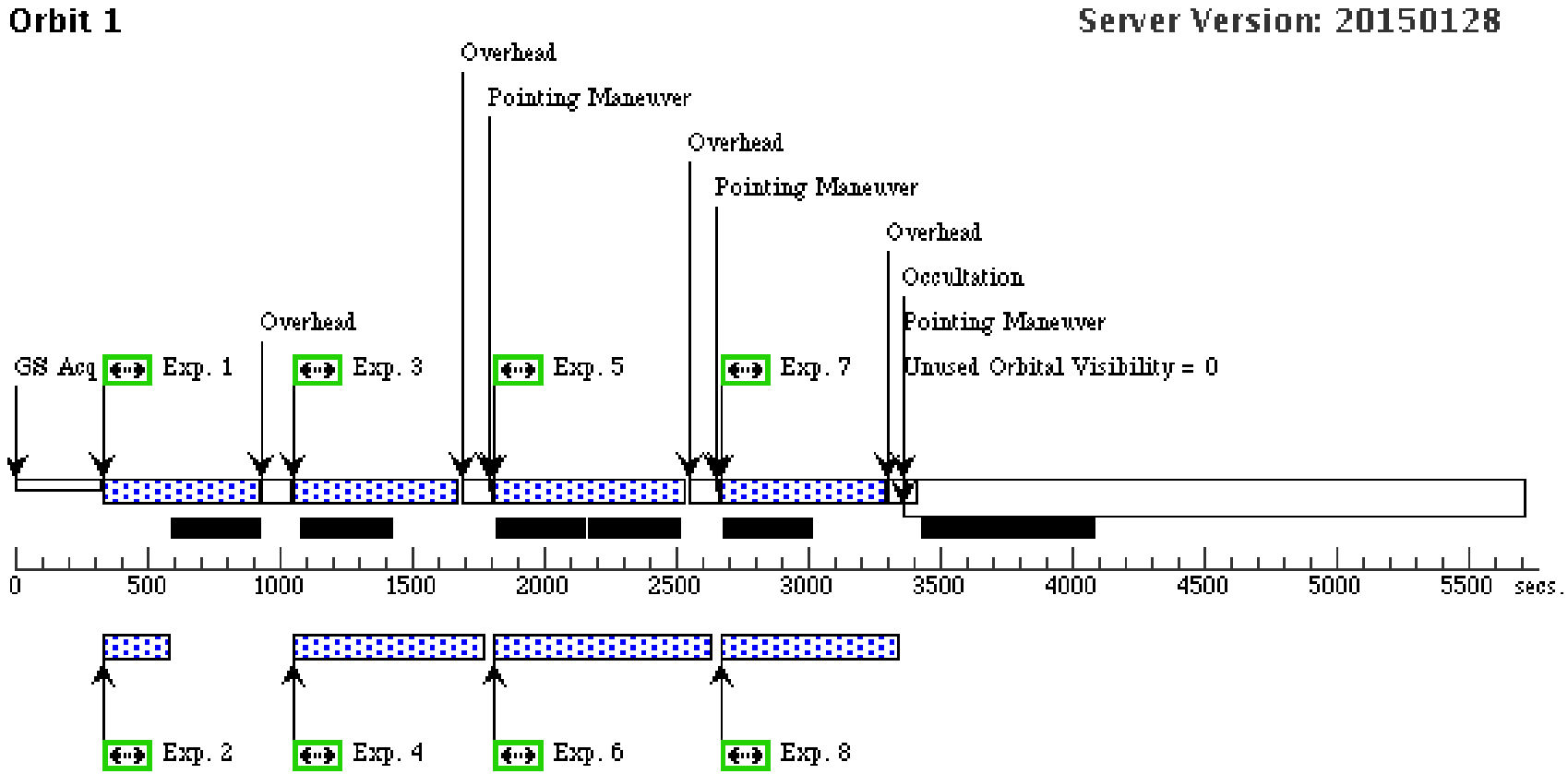
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	SMC-F14-IR	RA: 00 46 43.1902 (11.6799592d) Dec: -73 18 52.29 (-73.31452d) Equinox: J2000		V=18	Reference Frame: ICRS
(19)	SMC-F14-UVIS	RA: 00 46 43.1902 (11.6799592d) Dec: -73 18 52.29 (-73.31452d) Equinox: J2000		V=18	Reference Frame: ICRS
(40)	SMC-F17-WFC	RA: 00 45 39.2928 (11.4137200d) Dec: -73 22 39.02 (-73.37751d) Equinox: J2000		V=18	Reference Frame: ICRS

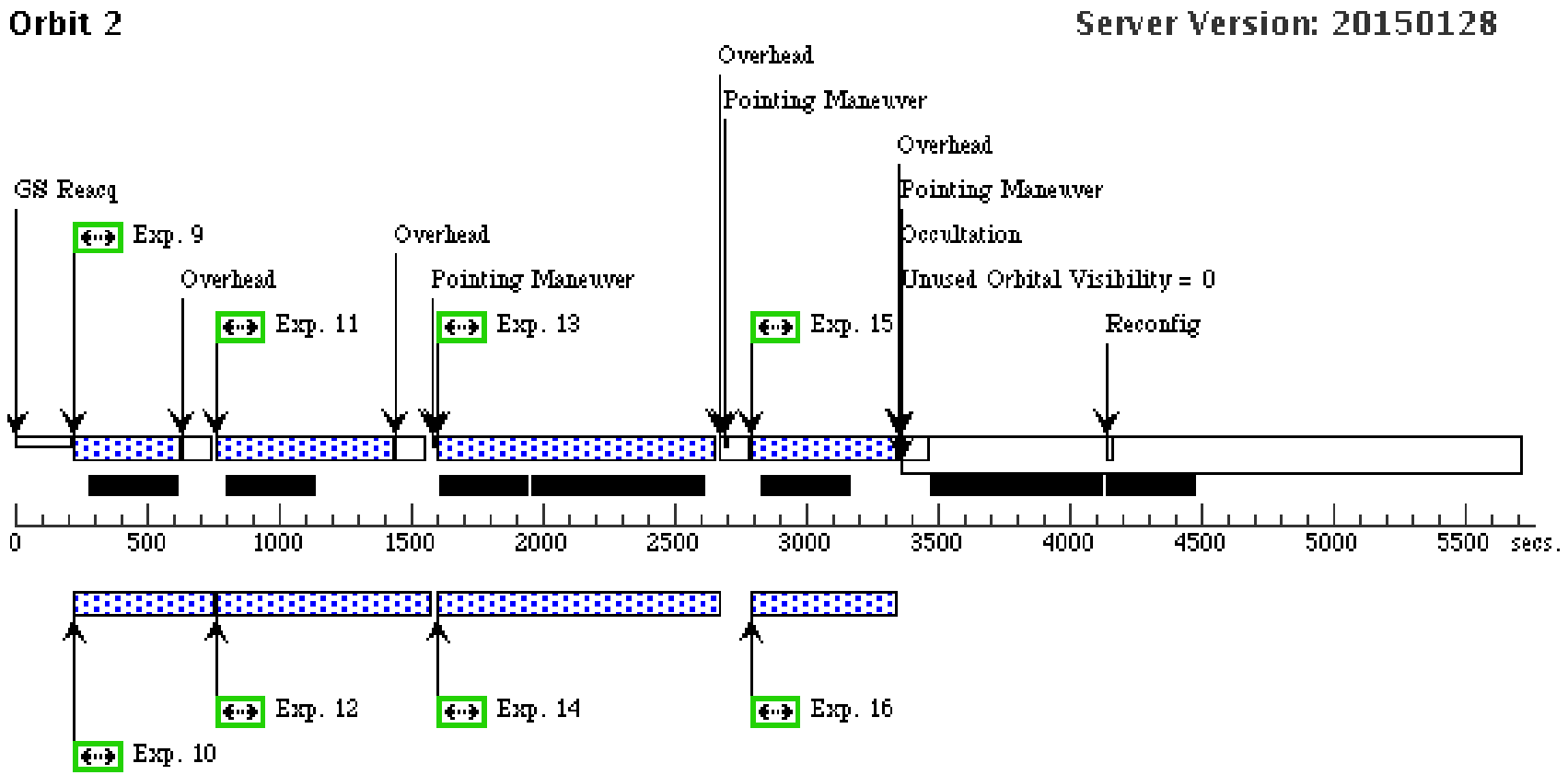
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F14-UVIS-F336W	(19) SMC-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 01	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F17-WFC-F814W	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 01	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F14-UVIS-F275W	(19) SMC-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 01	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F17-WFC-F814W	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 01	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F14-UVIS-F336W	(19) SMC-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 01	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F17-WFC-F814W	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 01	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F14-UVIS-F275W	(19) SMC-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 01	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F17-WFC-F814W	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 01	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F14-UVIS-F275W	(19) SMC-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 01	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F17-WFC-F550M	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 01	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F14-UVIS-F225W	(19) SMC-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 01	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F17-WFC-F658N	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 01	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F14-UVIS-F225W	(19) SMC-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 01	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F17-WFC-F658N	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 01	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F14-UVIS-F225W	(19) SMC-F14-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 01	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F17-WFC-F550M	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 01	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F14-IR-F160W	(1) SMC-F14-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 01	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F17-WFC-F475W	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 01	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F14-IR-F110W	(1) SMC-F14-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 01	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F17-WFC-F475W	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 01	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F14-IR-F160W	(1) SMC-F14-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 01	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F17-WFC-F475W	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 01	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F14-IR-F160W	(1) SMC-F14-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 01	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F17-WFC-F475W	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 01	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F14-IR-F160W	(1) SMC-F14-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 01	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F17-WFC-F475W	(40) SMC-F17-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 01	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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Overhead
Exp. 11
Overhead
Pointing Maneuver
Exp. 13
Exp. 15
Reconfig
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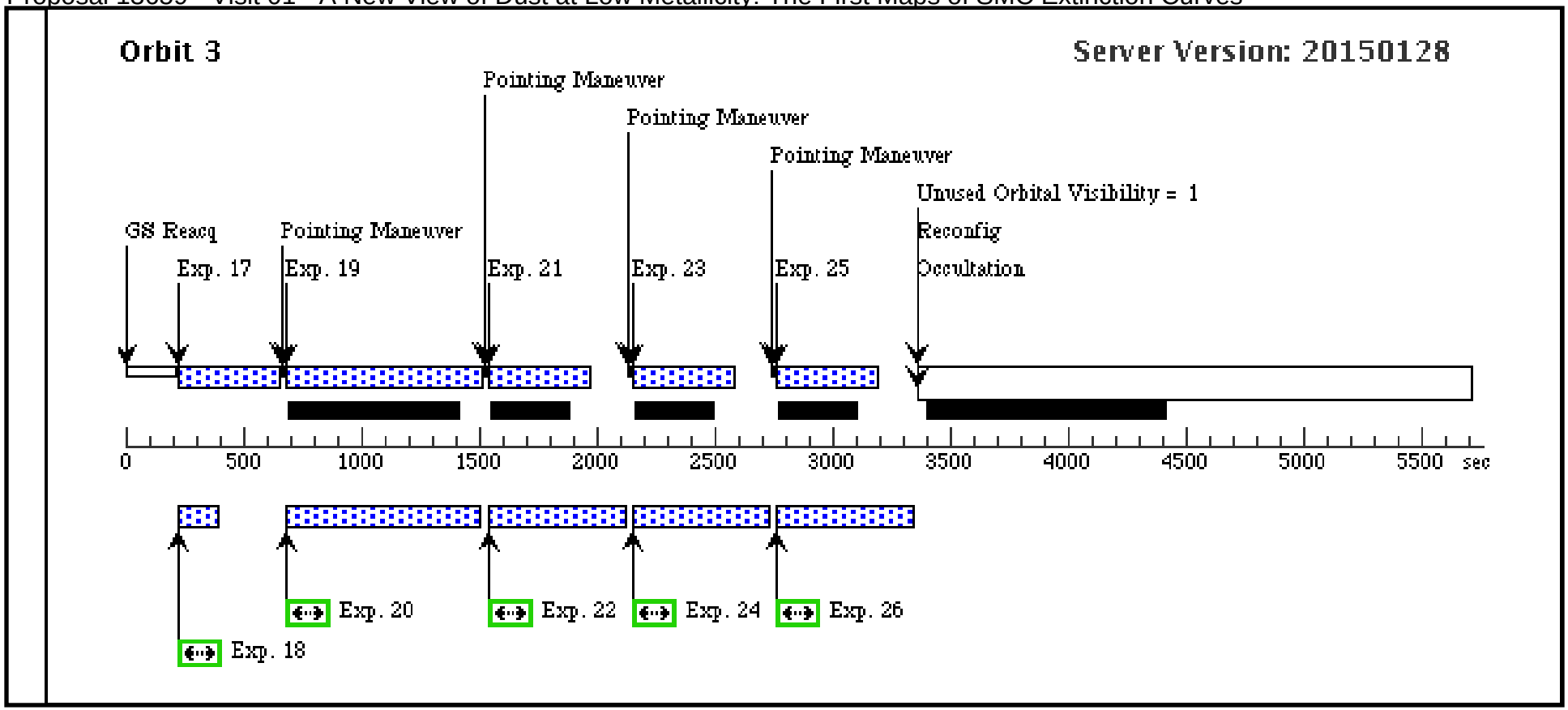
secs.
Exp. 12
Exp. 14
Exp. 16
Exp. 10


Orbit 3
Server Version: 20150128
Pointing Maneuver
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Unused Orbital Visibility = 1
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Reconfig
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Exp. 19
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Exp. 23
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Occultation
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3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 02, implementation Sat Apr 25 01:05:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 3D TO 3 D

Diagnostics

(Visit 02) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 02) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 02) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

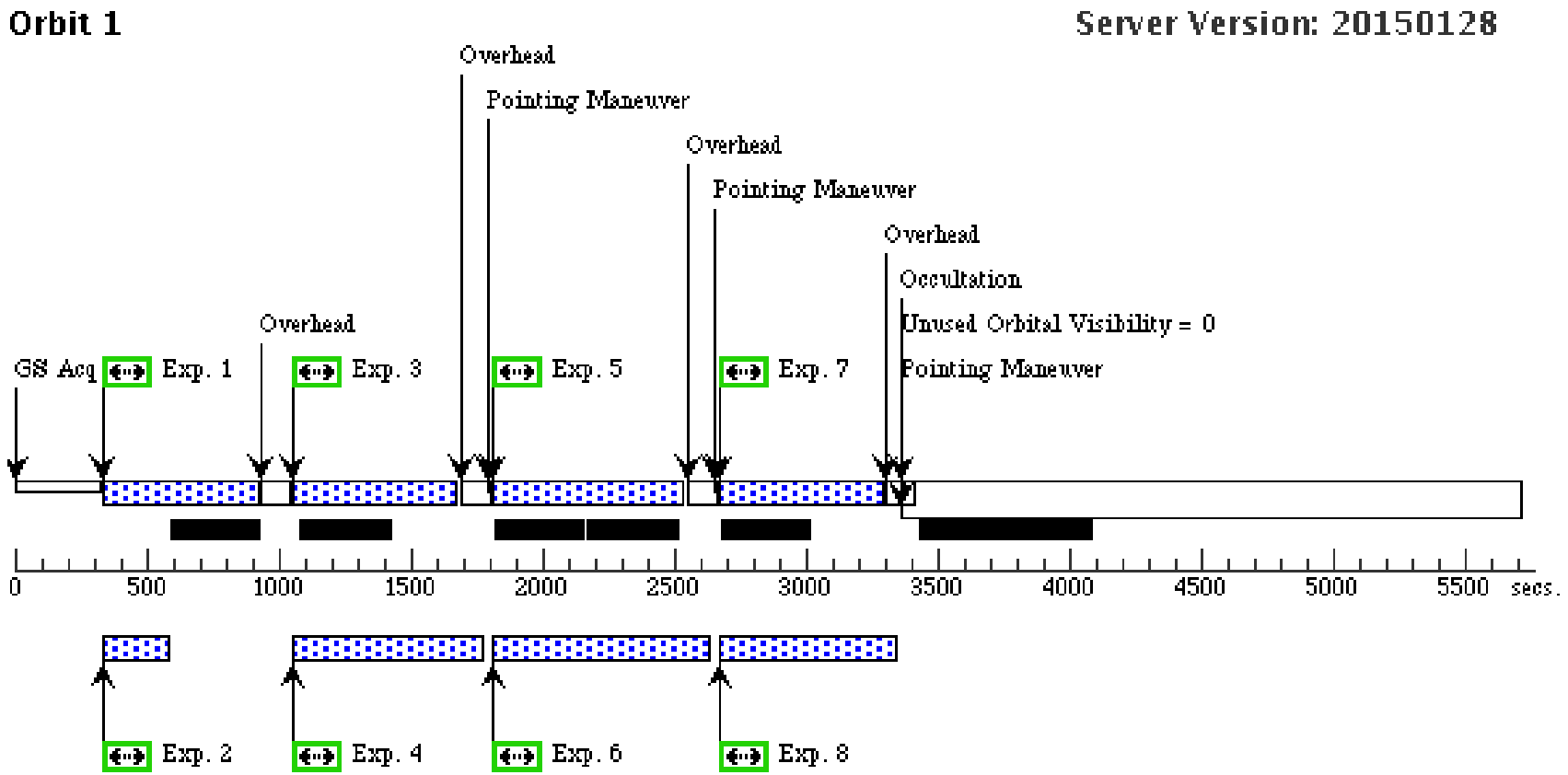
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	SMC-F15-IR	RA: 00 46 23.1973 (11.5966554d) Dec: -73 20 13.85 (-73.33718d) Equinox: J2000		V=18	Reference Frame: ICRS
(20)	SMC-F15-UVIS	RA: 00 46 23.1973 (11.5966554d) Dec: -73 20 13.85 (-73.33718d) Equinox: J2000		V=18	Reference Frame: ICRS
(41)	SMC-F18-WFC	RA: 00 45 14.1093 (11.3087888d) Dec: -73 23 31.07 (-73.39196d) Equinox: J2000		V=18	Reference Frame: ICRS

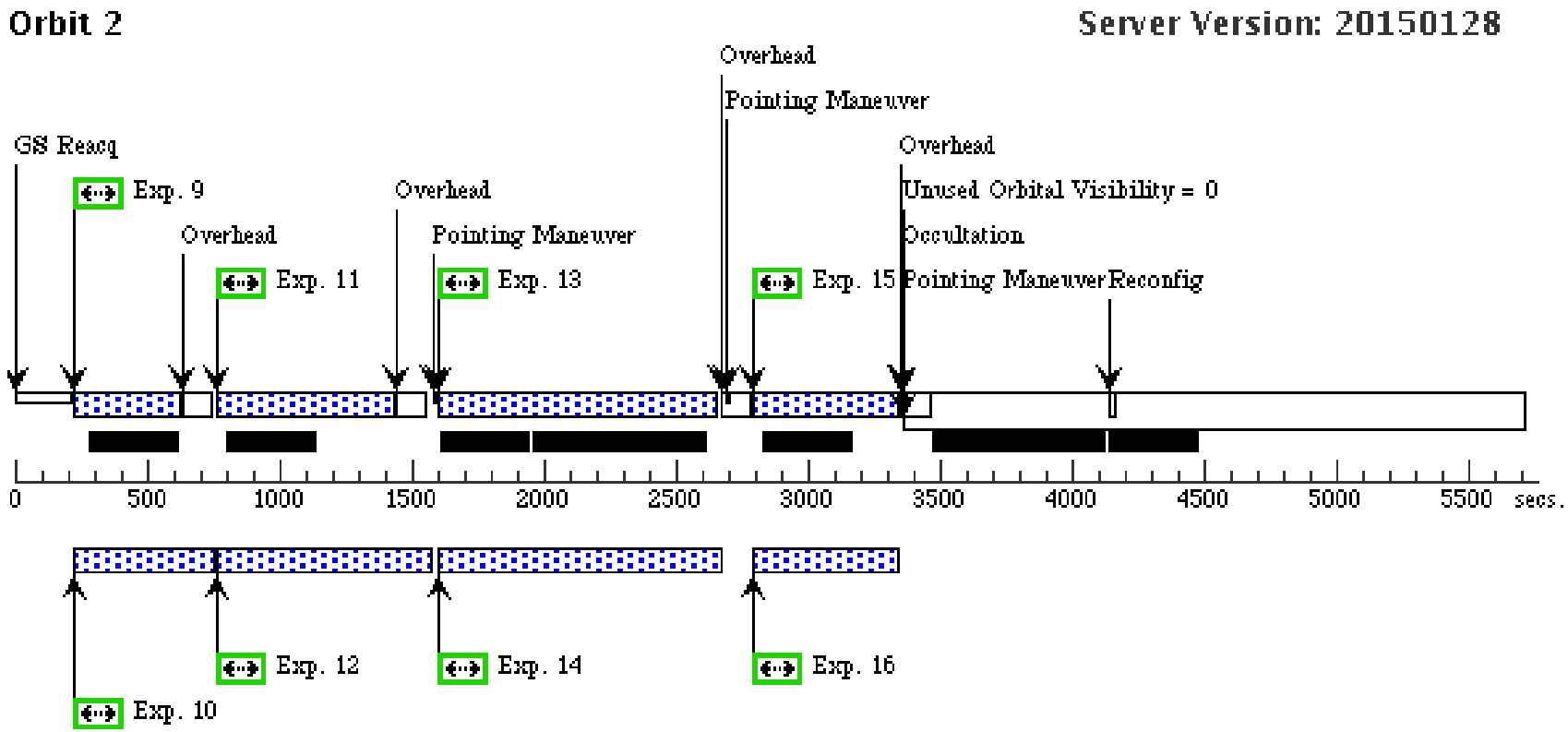
Exposures

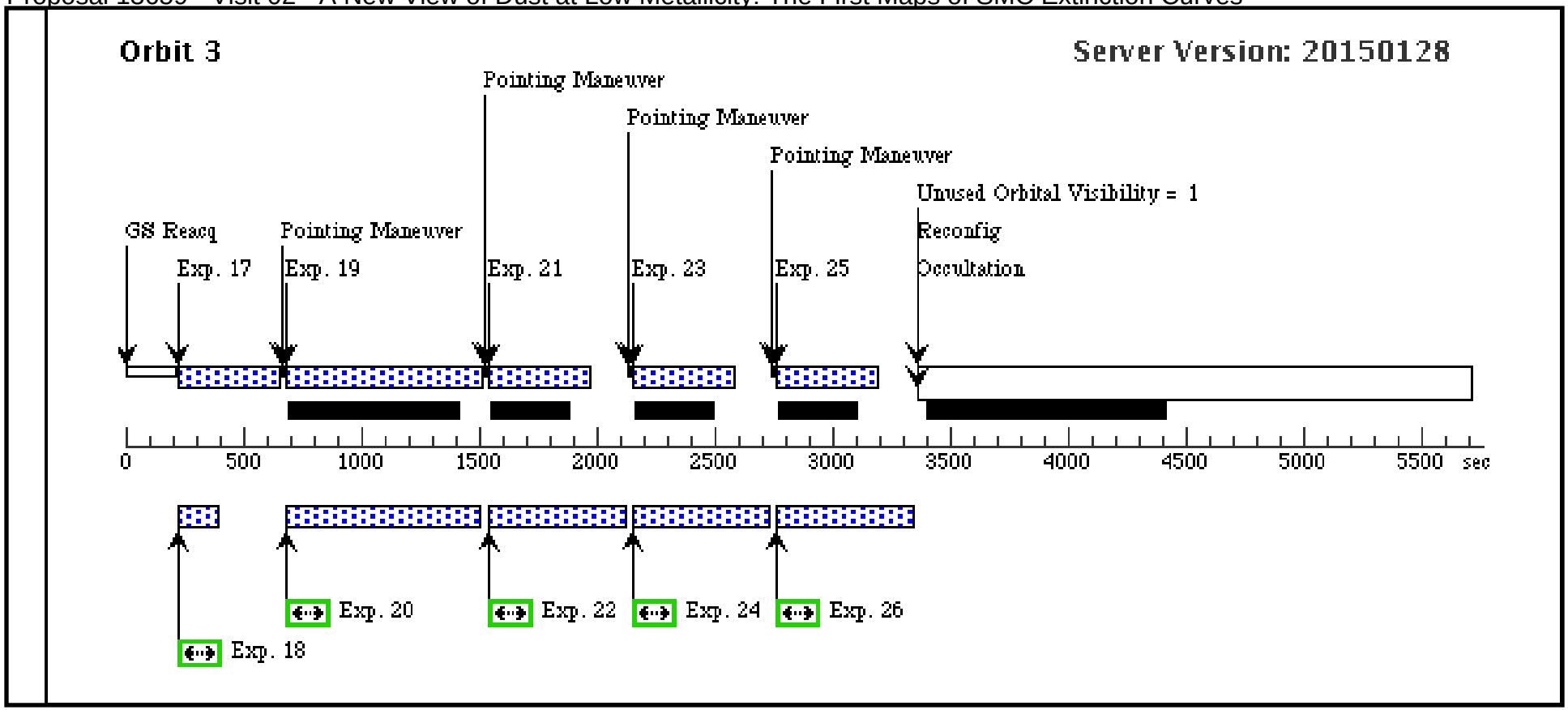
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F15-UVIS-F336W	(20) SMC-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 02	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F18-WFC-F814W	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 02	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F15-UVIS-F275W	(20) SMC-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 02	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F18-WFC-F814W	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 02	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F15-UVIS-F336W	(20) SMC-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 02	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F18-WFC-F814W	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 02	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F15-UVIS-F275W	(20) SMC-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 02	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F18-WFC-F814W	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 02	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F15-UVIS-F275W	(20) SMC-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 02	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F18-WFC-F550M	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 02	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F15-UVIS-F225W	(20) SMC-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 02	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F18-WFC-F658N	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 02	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F15-UVIS-F225W	(20) SMC-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 02	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F18-WFC-F658N	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 02	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F15-UVIS-F225W	(20) SMC-F15-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 02	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F18-WFC-F550M	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 02	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F15-IR-F160W	(2) SMC-F15-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 02	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F18-WFC-F475W	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 02	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F15-IR-F110W	(2) SMC-F15-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 02	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F18-WFC-F475W	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 02	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F15-IR-F160W	(2) SMC-F15-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 02	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F18-WFC-F475W	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 02	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F15-IR-F160W	(2) SMC-F15-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 02	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F18-WFC-F475W	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 02	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F15-IR-F160W	(2) SMC-F15-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 02	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F18-WFC-F475W	(41) SMC-F18-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 02	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure




Orbit 2
Server Version: 20150128
Overhead
Pointing Maneuver
GS Reacq
Exp. 9
Overhead
Overhead
Unused Orbital Visibility = 0
Overhead
Pointing Maneuver
Occultation
Exp. 11
Exp. 13
Exp. 15
Pointing Maneuver
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 12
Exp. 14
Exp. 16
Exp. 10


Orbit 3
Server Version: 20150128
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 1
GS Reacq
Pointing Maneuver
Reconfig
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 03, completed Sat Apr 25 01:05:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 183D TO 183 D

Diagnostics

(Visit 03) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 03) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 03) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

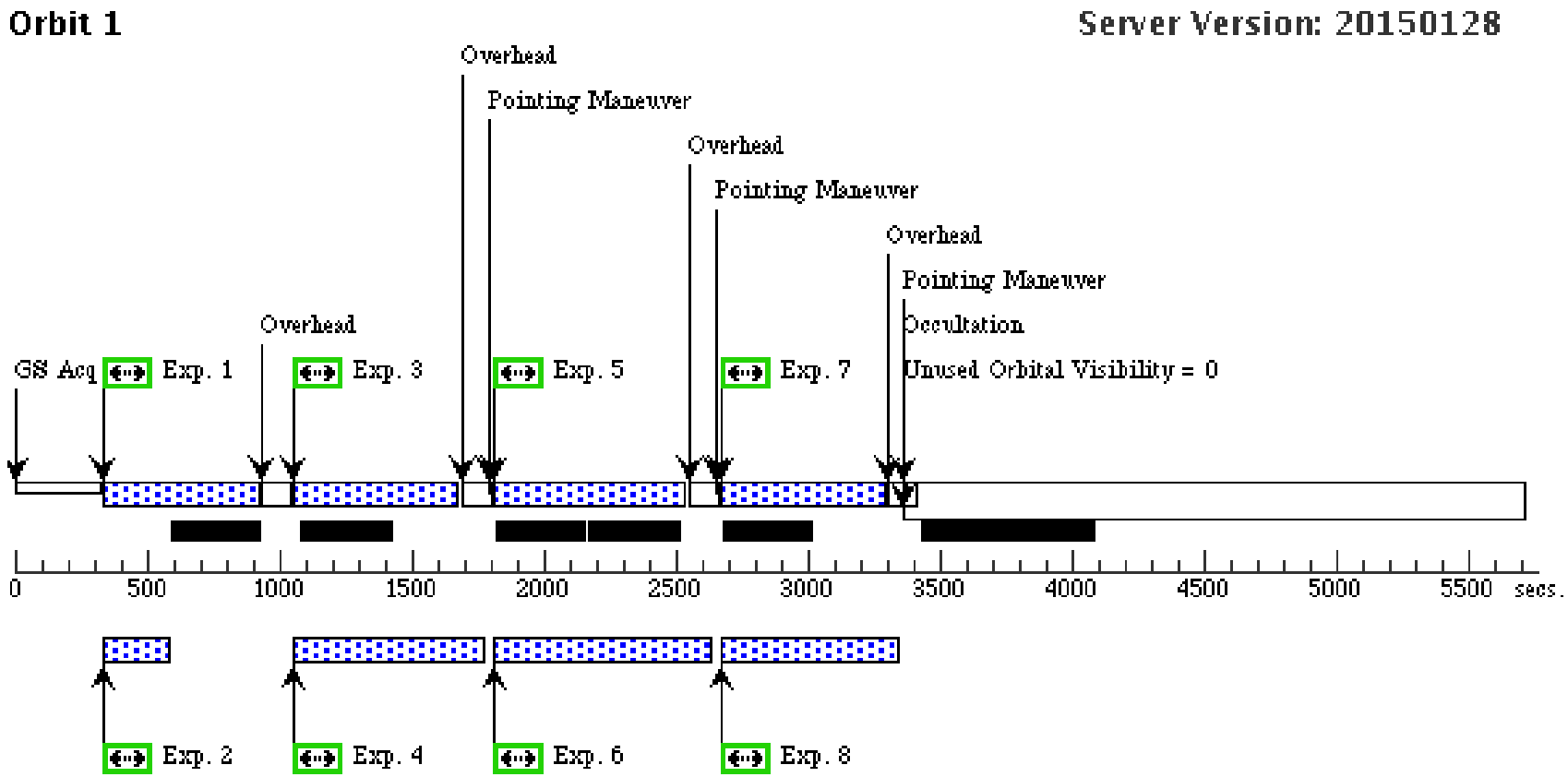
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	SMC-F16-IR	RA: 00 46 2.5962 (11.5108175d) Dec: -73 21 36.02 (-73.36001d) Equinox: J2000		V=18	Reference Frame: ICRS
(21)	SMC-F16-UVIS	RA: 00 46 2.5962 (11.5108175d) Dec: -73 21 36.02 (-73.36001d) Equinox: J2000		V=18	Reference Frame: ICRS
(42)	SMC-F13-WFC	RA: 00 47 3.4019 (11.7641746d) Dec: -73 17 30.89 (-73.29191d) Equinox: J2000		V=18	Reference Frame: ICRS

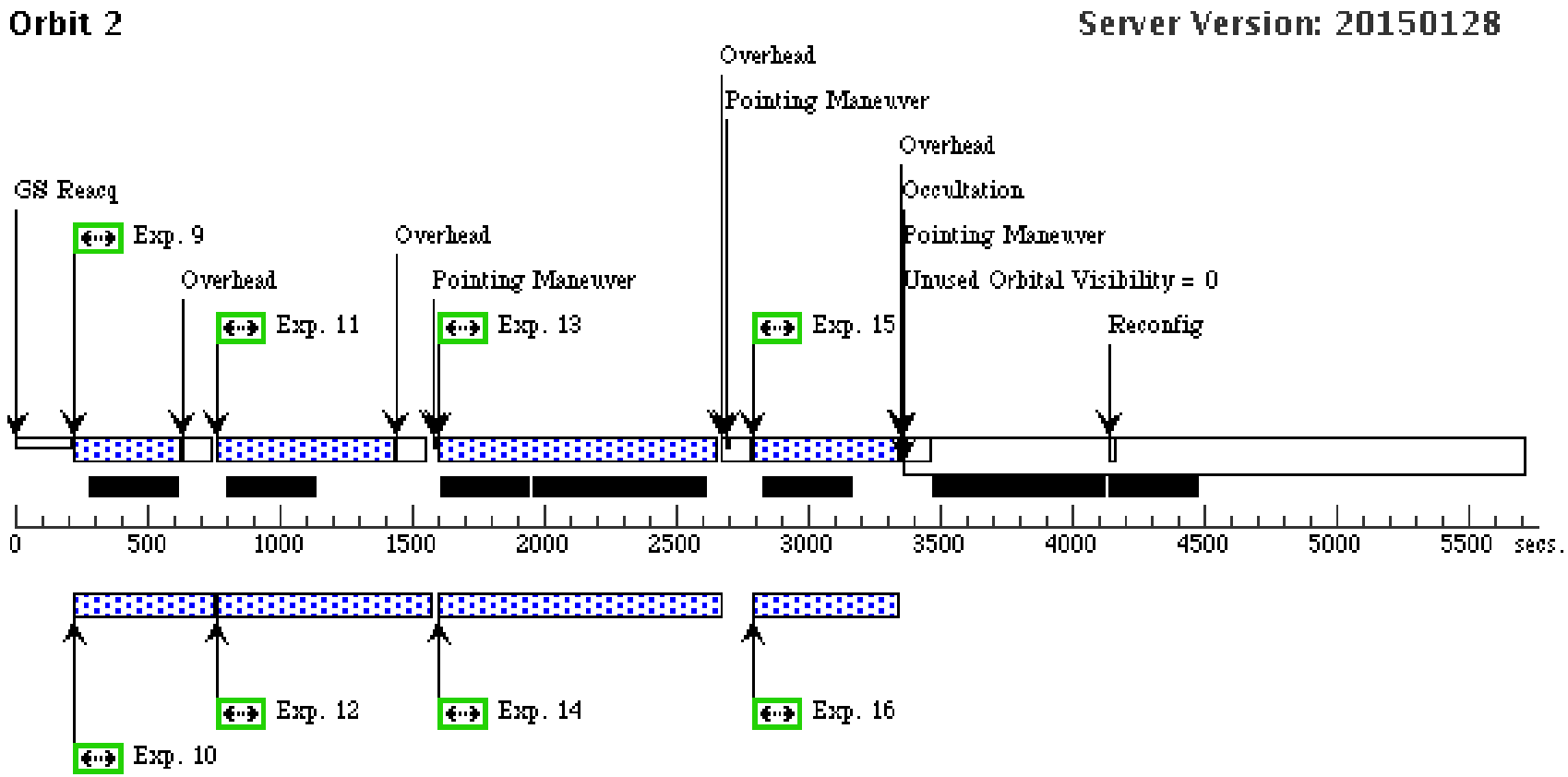
Exposures

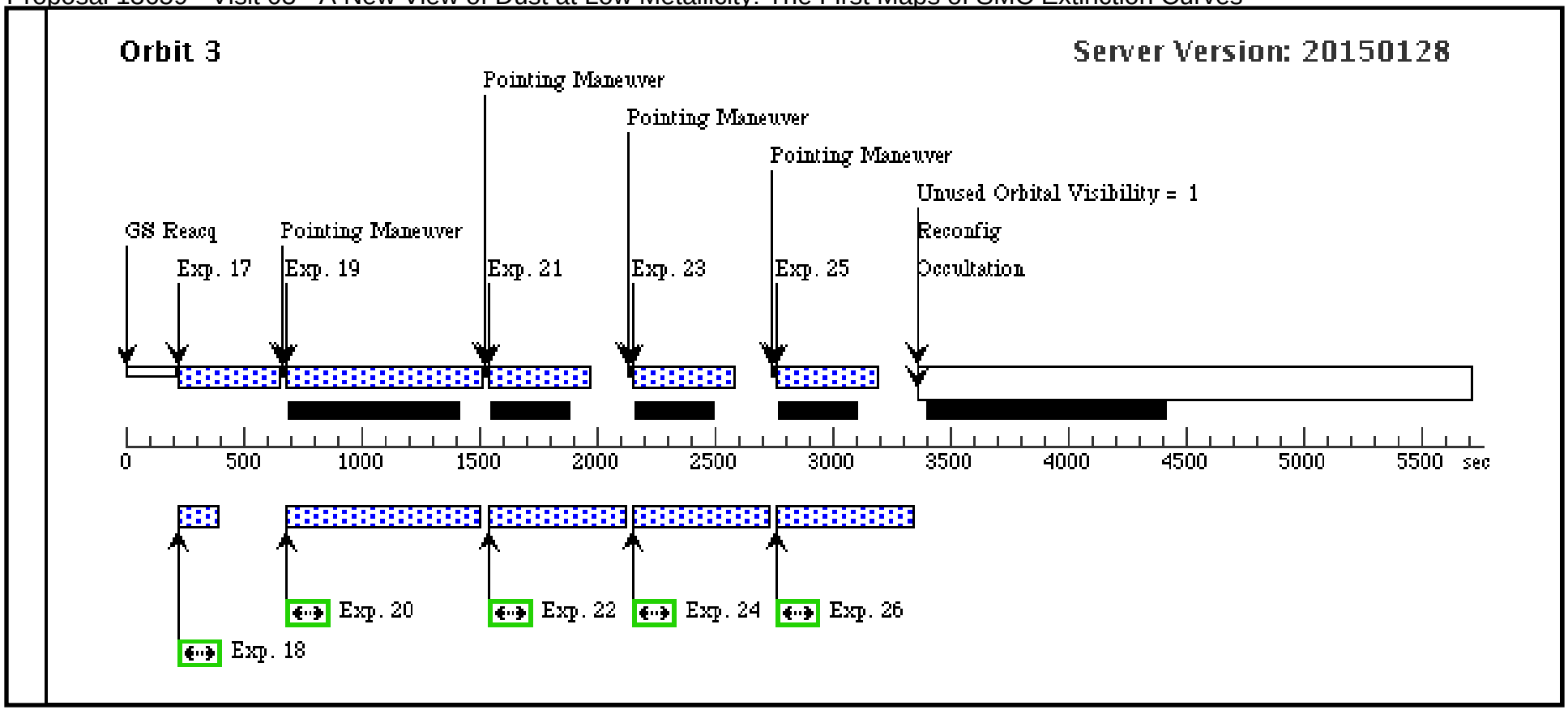
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F16-UVIS-F336W	(21) SMC-F16-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 03	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F13-WFC-F814W	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 03	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F16-UVIS-F275W	(21) SMC-F16-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 03	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F13-WFC-F814W	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 03	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F16-UVIS-F336W	(21) SMC-F16-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 03	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F13-WFC-F814W	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 03	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F16-UVIS-F275W	(21) SMC-F16-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 03	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F13-WFC-F814W	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 03	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F16-UVIS-F275W	(21) SMC-F16-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 03	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F13-WFC-F550M	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 03	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F16-UVIS-F225W	(21) SMC-F16-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 03	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F13-WFC-F658N	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 03	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F16-UVIS-F225W	(21) SMC-F16-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 03	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F13-WFC-F658N	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 03	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F16-UVIS-F225W	(21) SMC-F16-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 03	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F13-WFC-F550M	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 03	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F16-IR-F160W	(3) SMC-F16-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 03	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F13-WFC-F475W	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 03	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F16-IR-F110W	(3) SMC-F16-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 03	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F13-WFC-F475W	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 03	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F16-IR-F160W	(3) SMC-F16-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 03	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F13-WFC-F475W	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 03	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F16-IR-F160W	(3) SMC-F16-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 03	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F13-WFC-F475W	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 03	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F16-IR-F160W	(3) SMC-F16-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 03	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F13-WFC-F475W	(42) SMC-F13-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 03	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure




Orbit 2
Server Version: 20150128
GS Reacq
Exp. 9
Overhead
Exp. 11
Overhead
Pointing Maneuver
Exp. 13
Overhead
Pointing Maneuver
Exp. 15
Overhead
Occultation
Pointing Maneuver
Unused Orbital Visibility = 0
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12
Exp. 14
Exp. 16


Orbit 3
Server Version: 20150128
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 1
GS Reacq
Pointing Maneuver
Reconfig
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 04, implementation Sat Apr 25 01:05:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%

Diagnostics

(Visit 04) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 04) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 04) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 04) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME
(Visit 04) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 04) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 04) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
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(Visit 04) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 04) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME
(Visit 04) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 04) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 04) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME
(Visit 04) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel

Fixed Targets

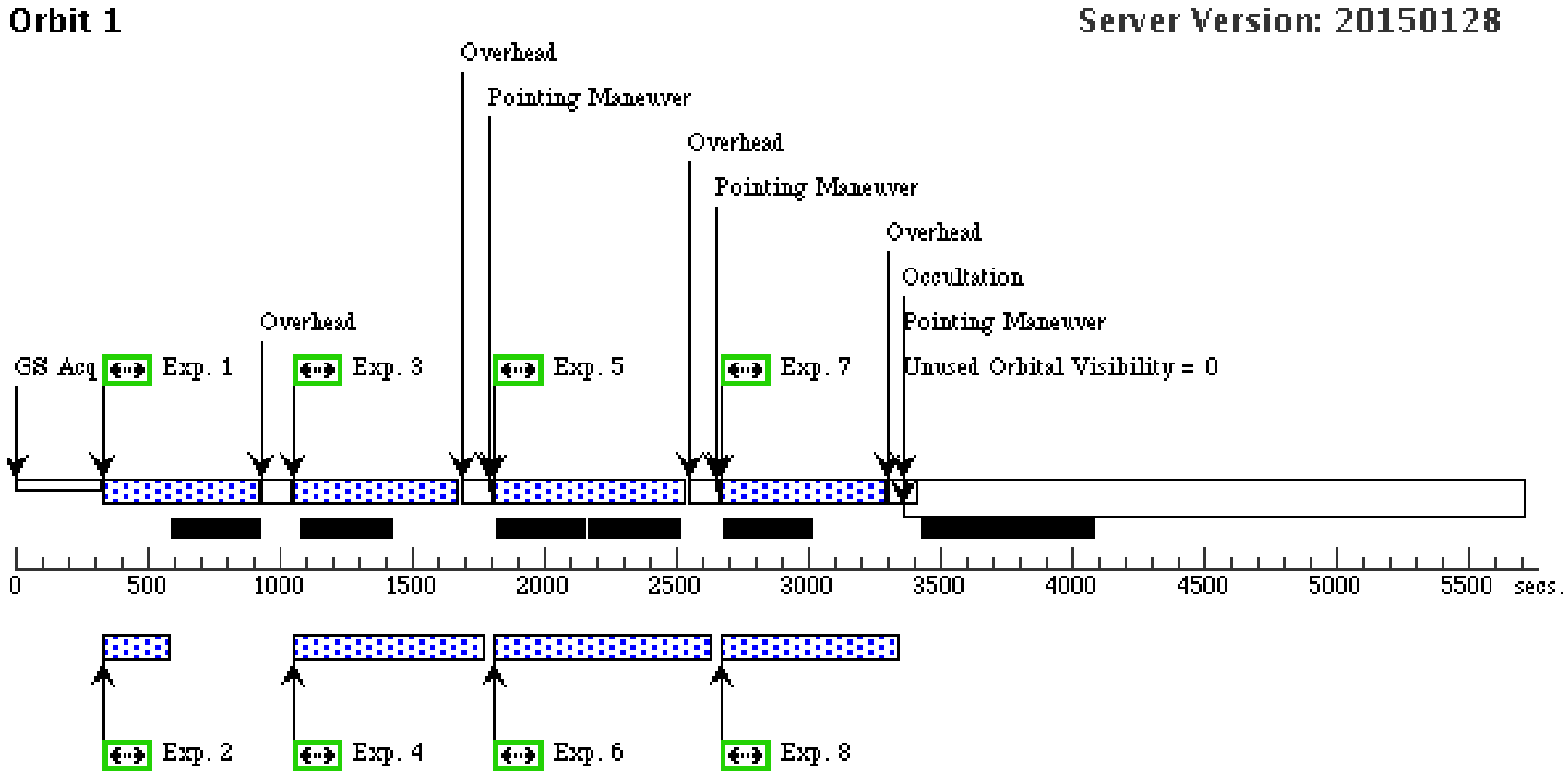
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	SMC-F17-IR	RA: 00 45 39.2928 (11.4137200d) Dec: -73 22 39.02 (-73.37751d) Equinox: J2000		V=18	Reference Frame: ICRS
(22)	SMC-F17-UVIS	RA: 00 45 39.2928 (11.4137200d) Dec: -73 22 39.02 (-73.37751d) Equinox: J2000		V=18	Reference Frame: ICRS
(37)	SMC-F14-WFC	RA: 00 46 43.1902 (11.6799592d) Dec: -73 18 52.29 (-73.31452d) Equinox: J2000		V=18	Reference Frame: ICRS

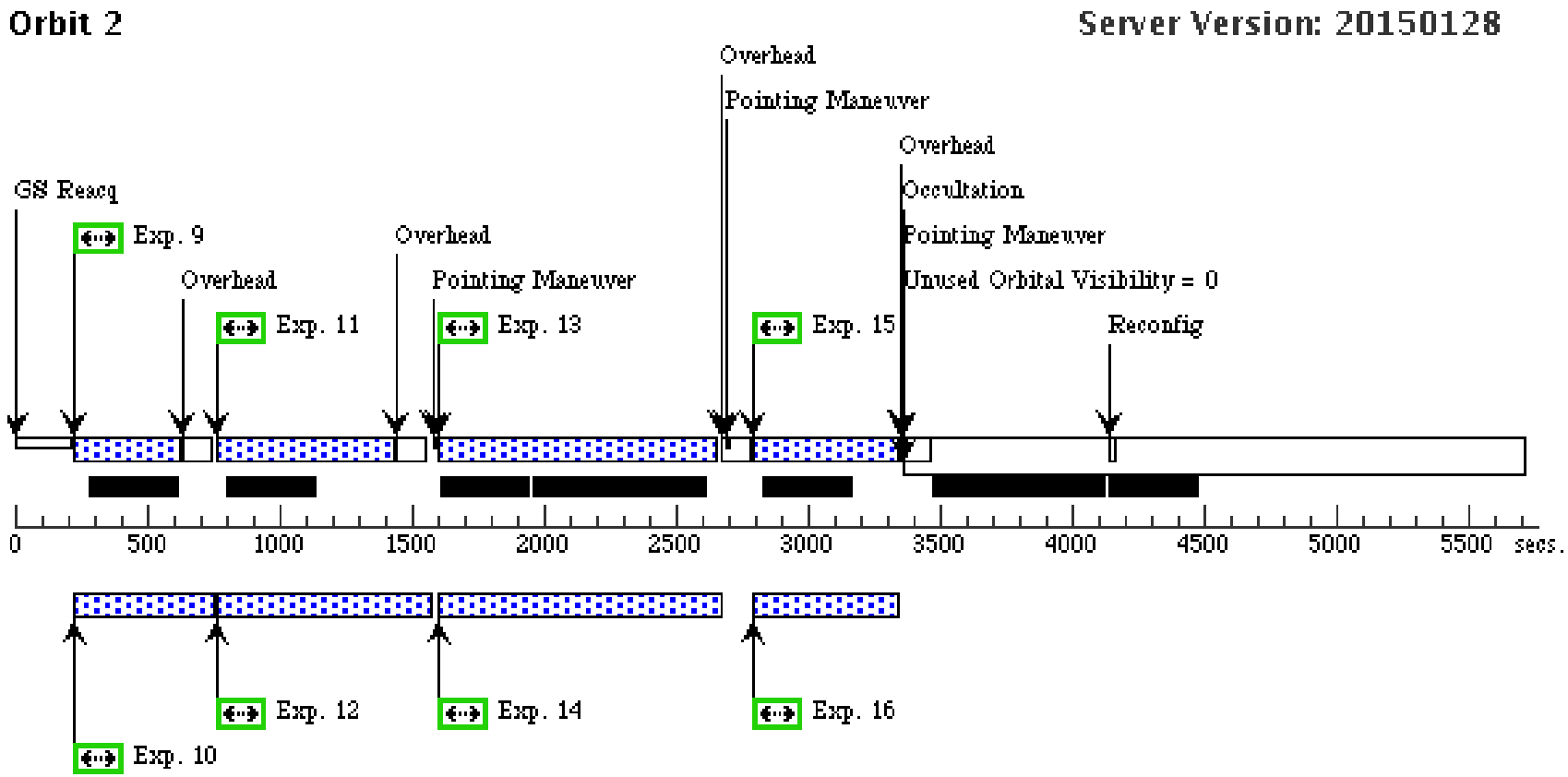
Exposures

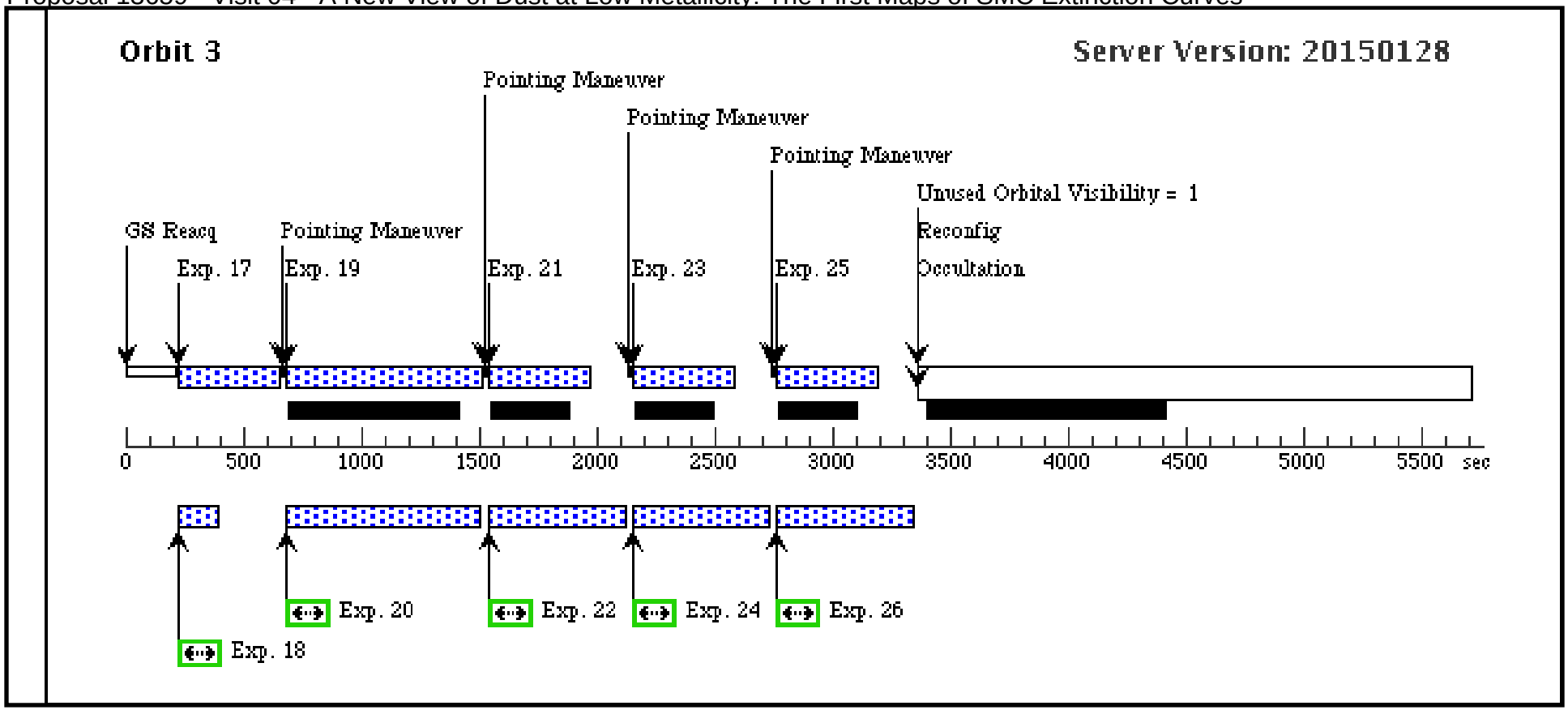
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F17-UVIS-F336W	(22) SMC-F17-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 04	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F14-WFC-F814W	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 04	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F17-UVIS-F275W	(22) SMC-F17-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 04	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F14-WFC-F814W	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 04	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F17-UVIS-F336W	(22) SMC-F17-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 04	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F14-WFC-F814W	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 04	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F17-UVIS-F275W	(22) SMC-F17-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 04	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F14-WFC-F814W	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 04	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F17-UVIS-F275W	(22) SMC-F17-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 04	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F14-WFC-F550M	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 04	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F17-UVIS-F225W	(22) SMC-F17-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 04	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F14-WFC-F658N	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 04	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F17-UVIS-F225W	(22) SMC-F17-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 04	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F14-WFC-F658N	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 04	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F17-UVIS-F225W	(22) SMC-F17-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 04	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F14-WFC-F550M	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 04	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F17-IR-F160W	(4) SMC-F17-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 04	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F14-WFC-F475W	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 04	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F17-IR-F110W	(4) SMC-F17-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 04	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F14-WFC-F475W	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 04	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F17-IR-F160W	(4) SMC-F17-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 04	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F14-WFC-F475W	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 04	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F17-IR-F160W	(4) SMC-F17-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 04	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F14-WFC-F475W	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 04	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F17-IR-F160W	(4) SMC-F17-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 04	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F14-WFC-F475W	(37) SMC-F14-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 04	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure




Orbit 2
Server Version: 20150128
GS Reacq
Exp. 9
Overhead
Exp. 11
Overhead
Pointing Maneuver
Exp. 13
Overhead
Pointing Maneuver
Exp. 15
Overhead
Occultation
Pointing Maneuver
Unused Orbital Visibility = 0
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12
Exp. 14
Exp. 16


Orbit 3
Server Version: 20150128
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 1
GS Reacq
Pointing Maneuver
Reconfig
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 05, implementation Sat Apr 25 01:05:39 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%

Diagnostics

(Visit 05) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 05) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME
(Visit 05) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 05) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 05) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
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(Visit 05) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 05) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 05) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 05) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 05) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME
(Visit 05) Warning (Orbit Planner): Use Target ANY for parallel or add ORIENT to ensure pointing of parallel
(Visit 05) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

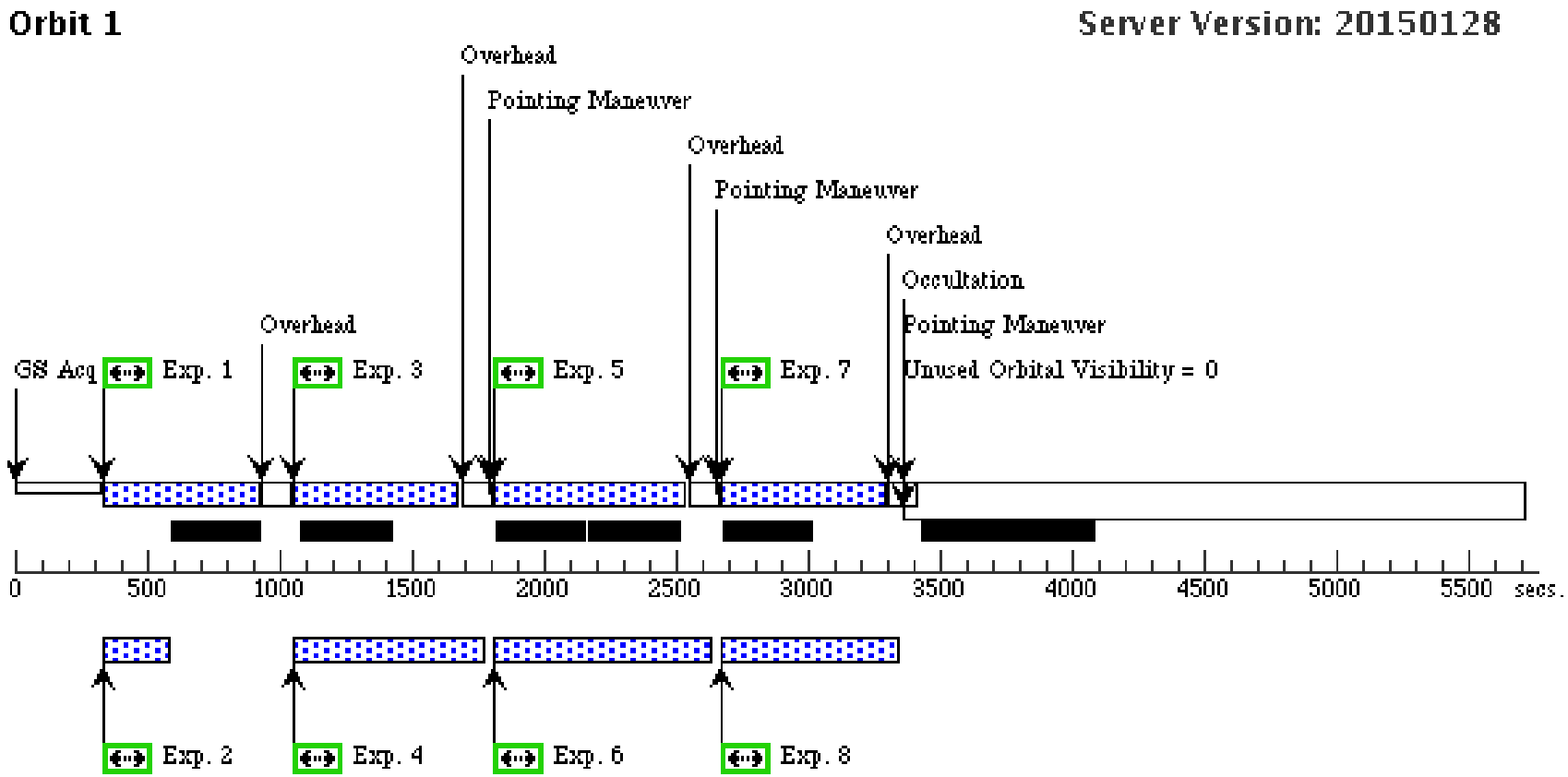
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	SMC-F18-IR	RA: 00 45 14.1093 (11.3087888d) Dec: -73 23 31.07 (-73.39196d) Equinox: J2000		V=18	Reference Frame: ICRS
(23)	SMC-F18-UVIS	RA: 00 45 14.1093 (11.3087888d) Dec: -73 23 31.07 (-73.39196d) Equinox: J2000		V=18	Reference Frame: ICRS
(38)	SMC-F15-WFC	RA: 00 46 23.1973 (11.5966554d) Dec: -73 20 13.85 (-73.33718d) Equinox: J2000		V=18	Reference Frame: ICRS

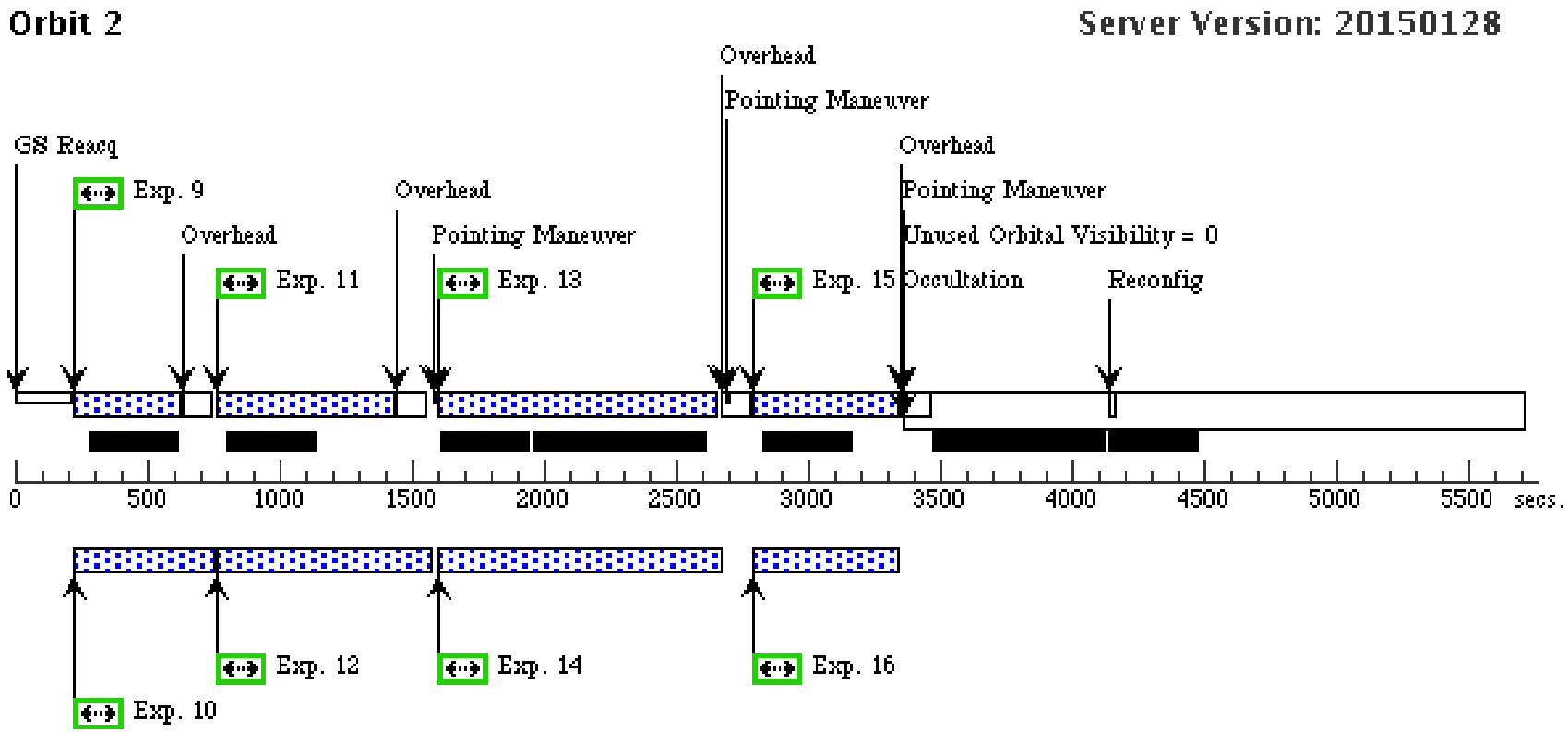
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F18-UVIS-F336W	(23) SMC-F18-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 05	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F15-WFC-F814W	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 05	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F18-UVIS-F275W	(23) SMC-F18-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 05	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F15-WFC-F814W	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 05	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F18-UVIS-F336W	(23) SMC-F18-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 05	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F15-WFC-F814W	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 05	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F18-UVIS-F275W	(23) SMC-F18-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 05	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F15-WFC-F814W	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 05	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F18-UVIS-F275W	(23) SMC-F18-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 05	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F15-WFC-F550M	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 05	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F18-UVIS-F225W	(23) SMC-F18-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 05	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F15-WFC-F658N	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 05	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F18-UVIS-F225W	(23) SMC-F18-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 05	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F15-WFC-F658N	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 05	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F18-UVIS-F225W	(23) SMC-F18-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 05	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F15-WFC-F550M	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 05	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F18-IR-F160W	(5) SMC-F18-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 05	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F15-WFC-F475W	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 05	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F18-IR-F110W	(5) SMC-F18-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 05	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F15-WFC-F475W	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 05	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F18-IR-F160W	(5) SMC-F18-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 05	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F15-WFC-F475W	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 05	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F18-IR-F160W	(5) SMC-F18-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 05	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F15-WFC-F475W	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 05	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F18-IR-F160W	(5) SMC-F18-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 05	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F15-WFC-F475W	(38) SMC-F15-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 05	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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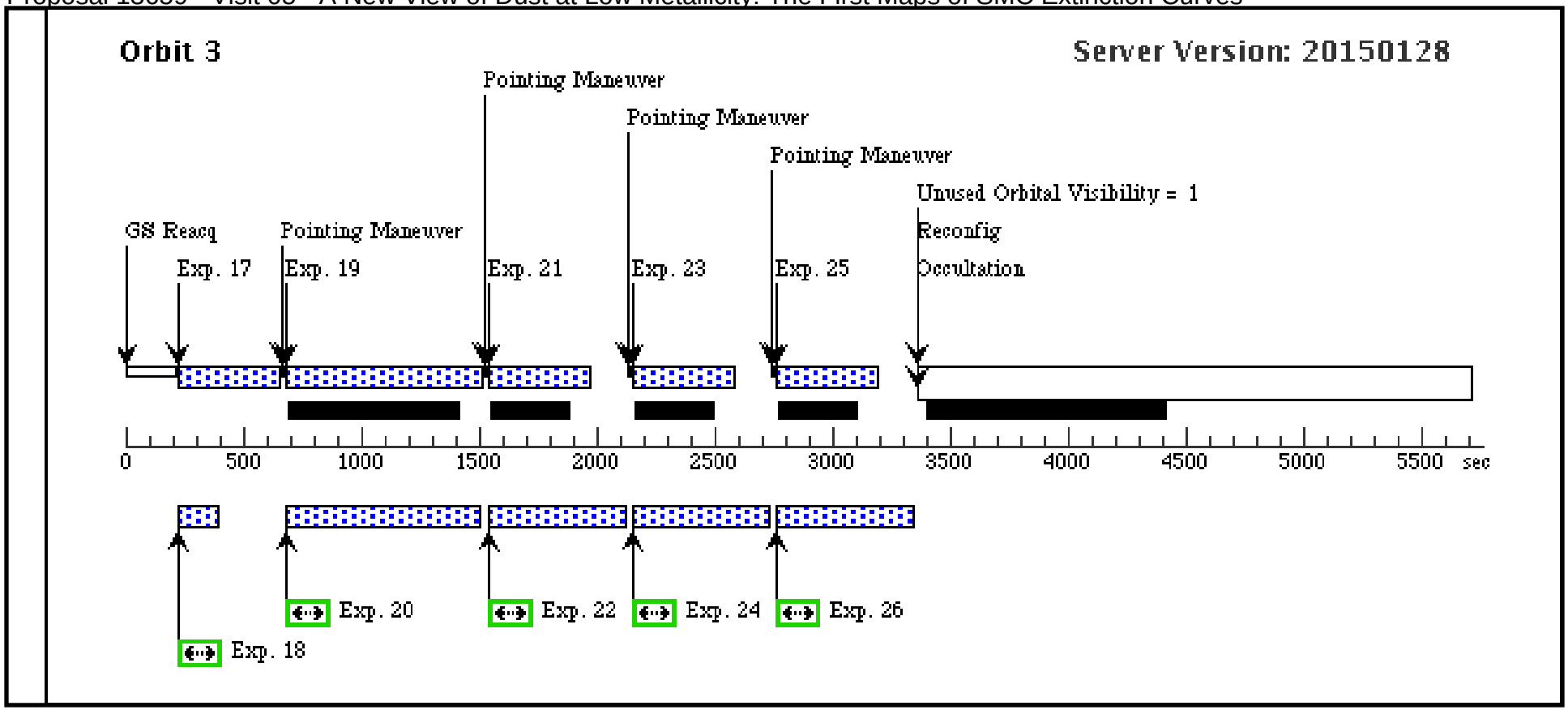
Server Version: 20150128
Overhead
Pointing Maneuver
GS Reacq
Exp. 9
Overhead
Overhead
Pointing Maneuver
Overhead
Pointing Maneuver
Unused Orbital Visibility = 0
Exp. 11
Exp. 13
Exp. 15
Occultation
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 12
Exp. 14
Exp. 16
Exp. 10


Orbit 3
Server Version: 20150128
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 1
GS Reacq
Pointing Maneuver
Reconfig
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 06, scheduling Sat Apr 25 01:05:39 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 3D TO 3 D

Diagnostics

(Visit 06) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 06) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 06) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

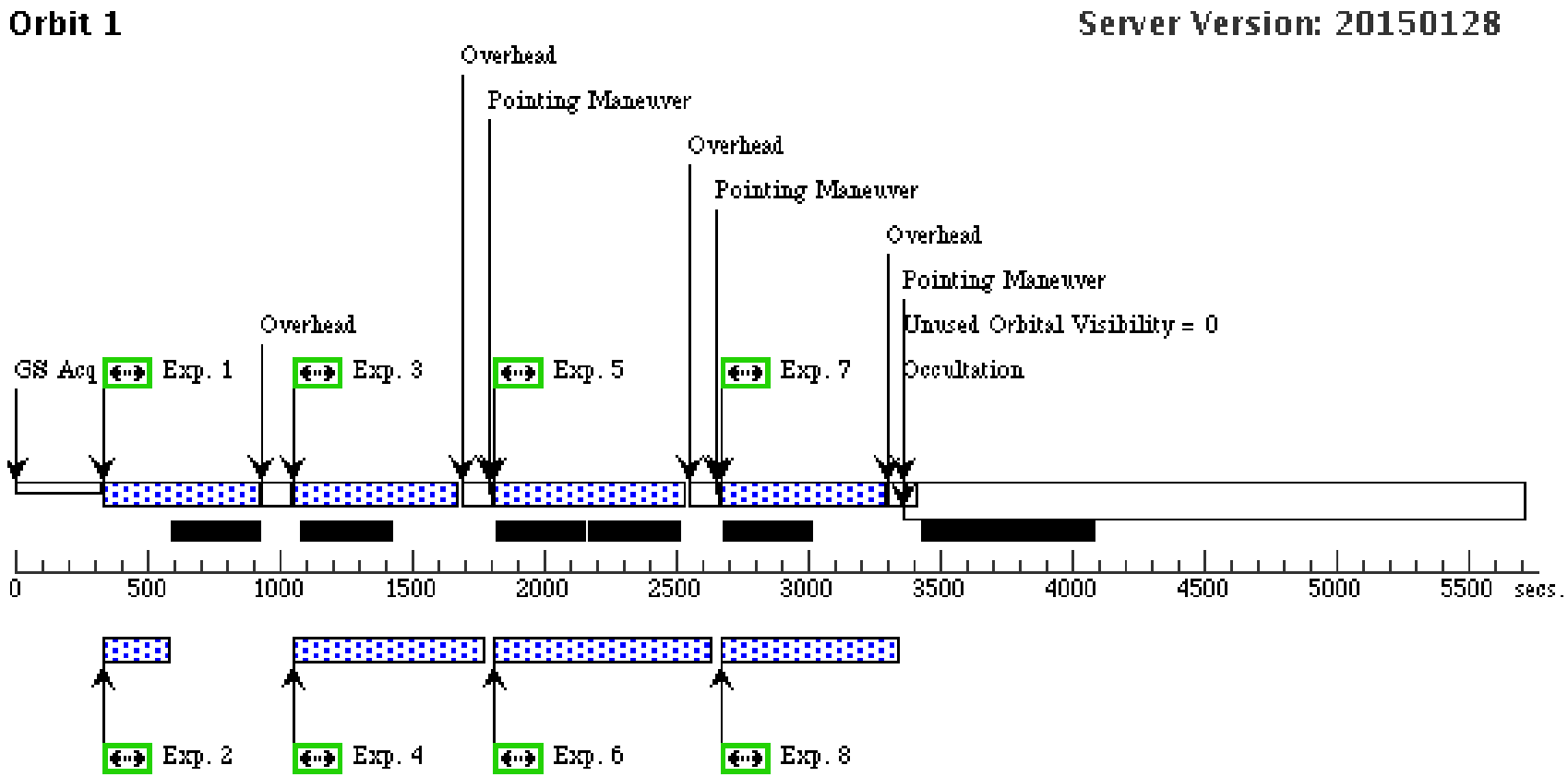
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	SMC-F13-IR	RA: 00 47 3.4019 (11.7641746d) Dec: -73 17 30.89 (-73.29191d) Equinox: J2000		V=18	Reference Frame: ICRS
(24)	SMC-F13-UVIS	RA: 00 47 3.4019 (11.7641746d) Dec: -73 17 30.89 (-73.29191d) Equinox: J2000		V=18	Reference Frame: ICRS
(39)	SMC-F16-WFC	RA: 00 46 2.5962 (11.5108175d) Dec: -73 21 36.02 (-73.36001d) Equinox: J2000		V=18	Reference Frame: ICRS

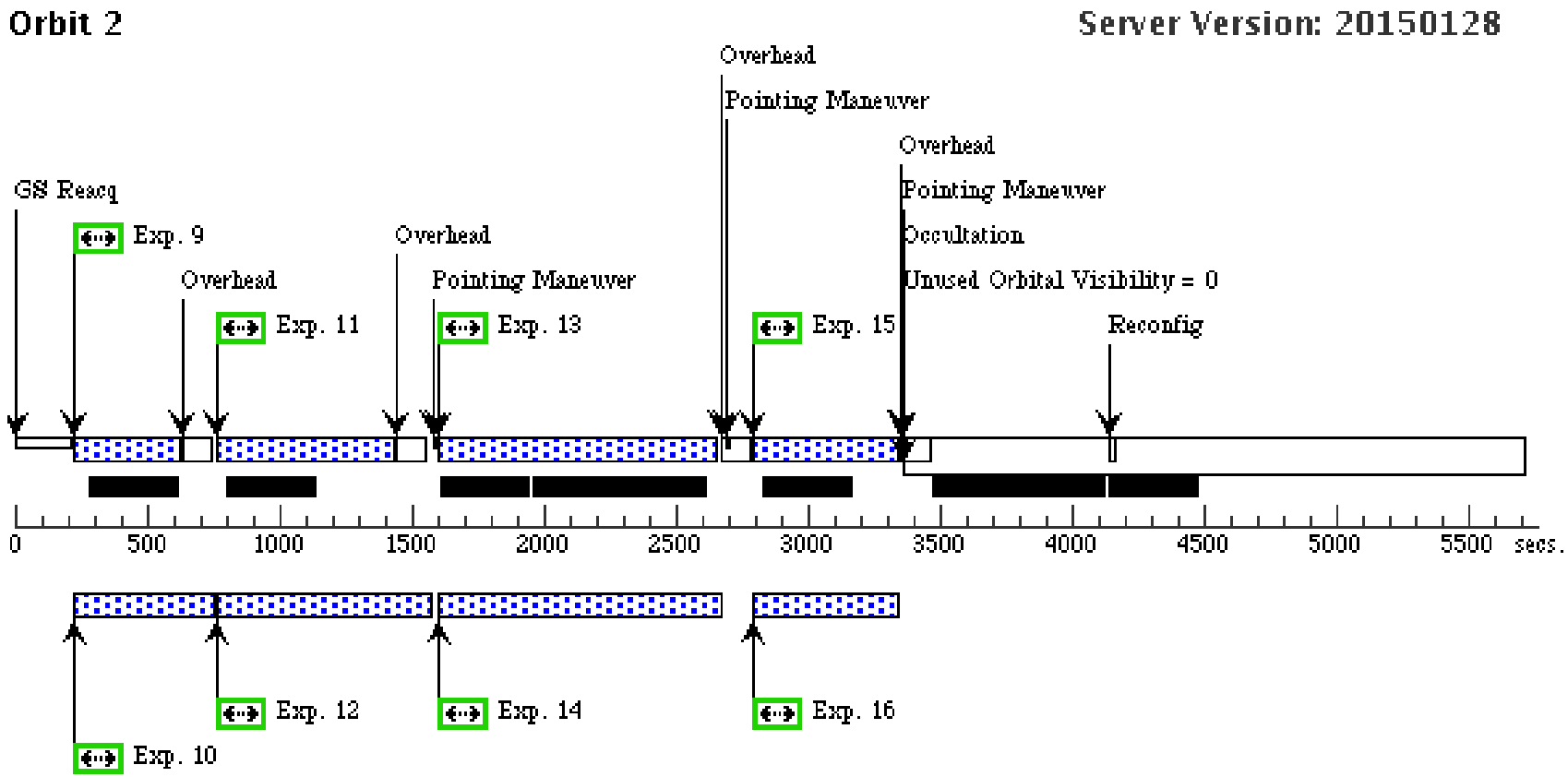
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F13-UVIS-F336W	(24) SMC-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 06	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F16-WFC-F814W	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 06	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F13-UVIS-F275W	(24) SMC-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 06	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F16-WFC-F814W	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 06	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F13-UVIS-F336W	(24) SMC-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 06	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F16-WFC-F814W	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 06	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F13-UVIS-F275W	(24) SMC-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 06	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F16-WFC-F814W	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 06	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F13-UVIS-F275W	(24) SMC-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 06	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F16-WFC-F550M	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 06	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F13-UVIS-F225W	(24) SMC-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 06	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F16-WFC-F658N	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 06	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F13-UVIS-F225W	(24) SMC-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 06	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F16-WFC-F658N	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 06	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F13-UVIS-F225W	(24) SMC-F13-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 06	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F16-WFC-F550M	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 06	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F13-IR-F160W	(6) SMC-F13-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 06	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F16-WFC-F475W	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 06	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F13-IR-F110W	(6) SMC-F13-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 06	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F16-WFC-F475W	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 06	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F13-IR-F160W	(6) SMC-F13-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 06	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F16-WFC-F475W	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 06	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F13-IR-F160W	(6) SMC-F13-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 06	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F16-WFC-F475W	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 06	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F13-IR-F160W	(6) SMC-F13-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 06	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F16-WFC-F475W	(39) SMC-F16-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 06	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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Overhead
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Overhead
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Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 9
Overhead
Exp. 11
Overhead
Pointing Maneuver
Exp. 13
Exp. 15
Reconfig
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500
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3500
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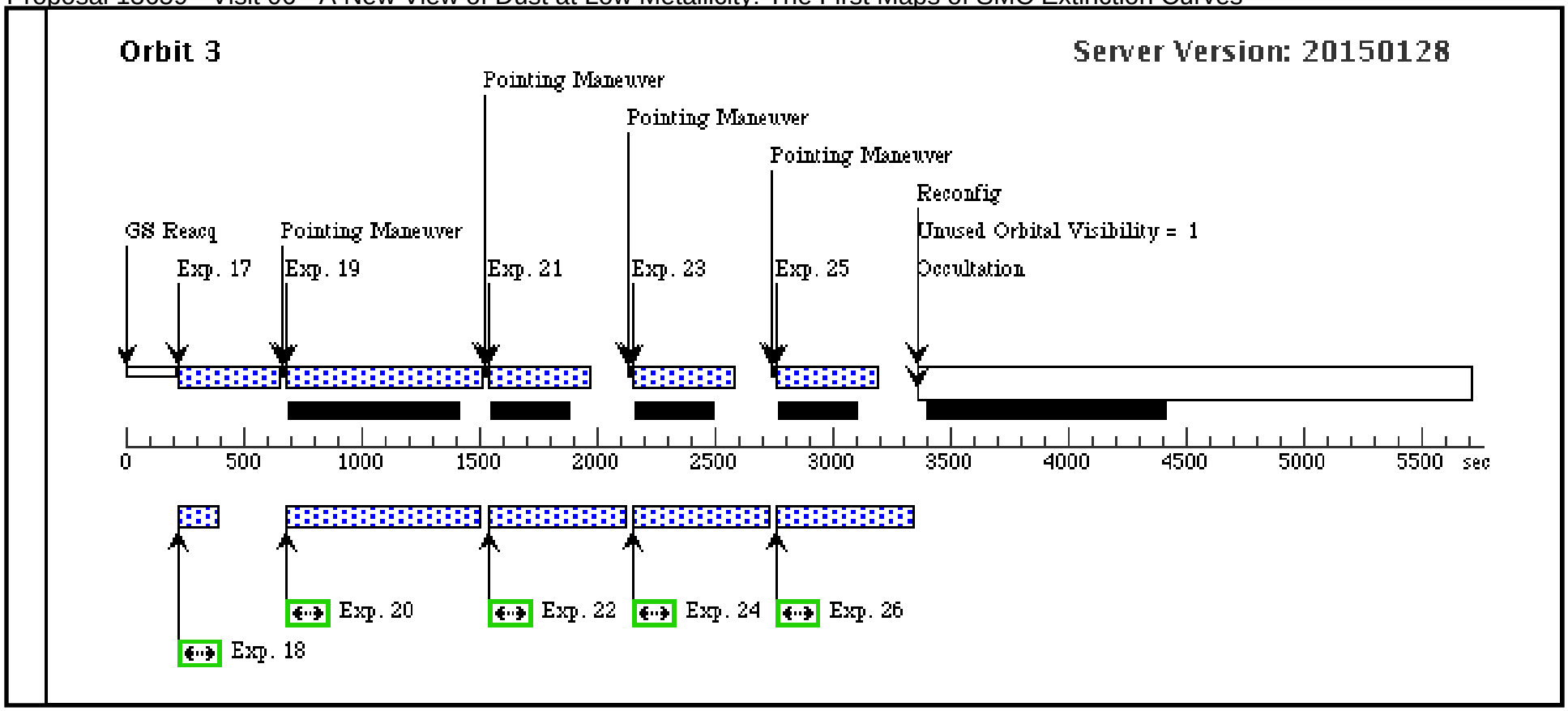
secs.
Exp. 12
Exp. 14
Exp. 16
Exp. 10


Orbit 3
Server Version: 20150128
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Reconfig
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 1
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
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3500
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4500
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5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 07, scheduling Sat Apr 25 01:05:39 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 3D TO 3 D

Diagnostics

(Visit 07) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 07) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 07) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

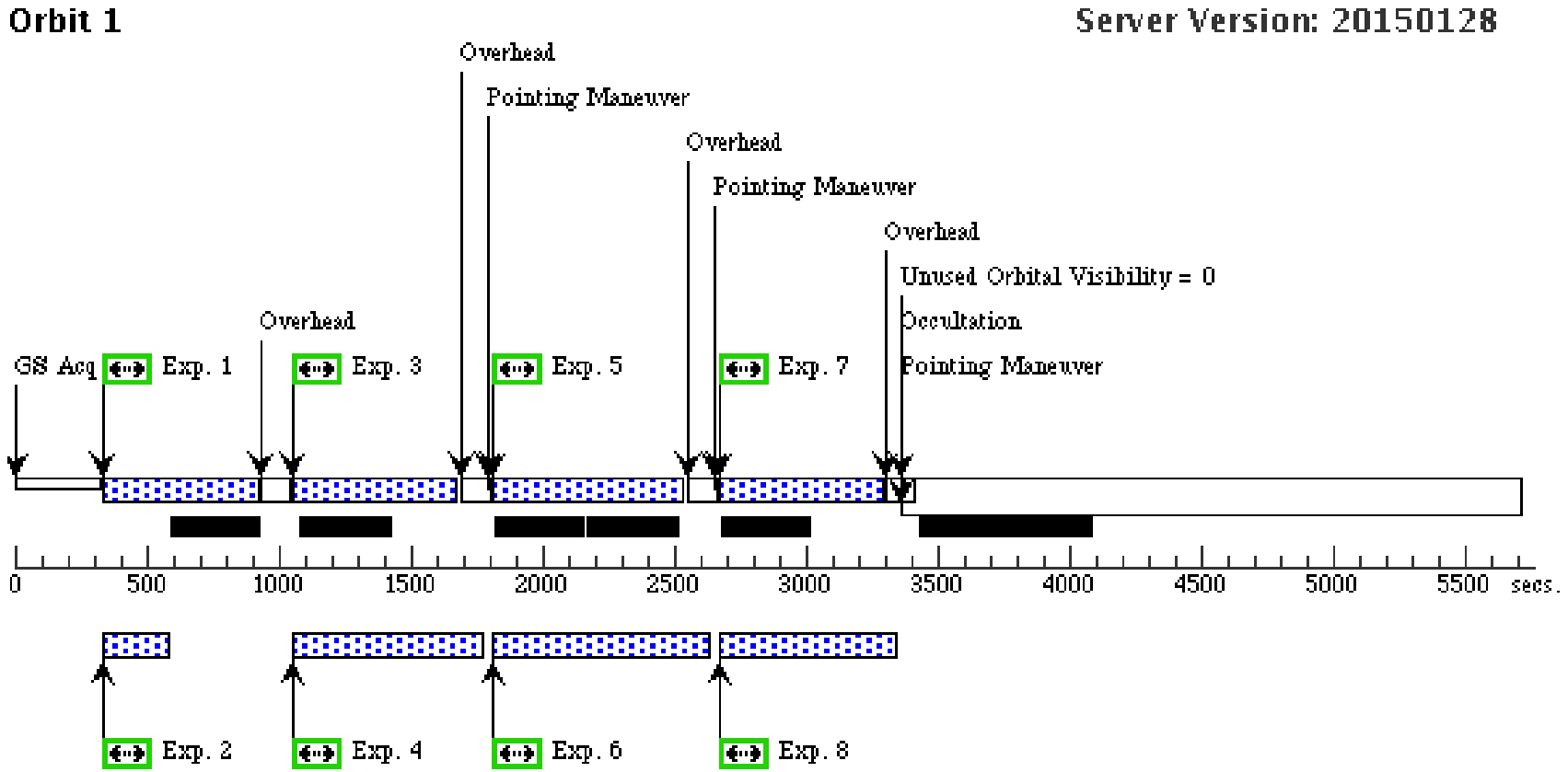
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SMC-F08-IR	RA: 00 46 22.5033 (11.5937638d) Dec: -73 17 12.50 (-73.28681d) Equinox: J2000		V=18	Reference Frame: ICRS
(25)	SMC-F08-UVIS	RA: 00 46 22.5033 (11.5937638d) Dec: -73 17 12.50 (-73.28681d) Equinox: J2000		V=18	Reference Frame: ICRS
(46)	SMC-F11-WFC	RA: 00 45 21.3980 (11.3391583d) Dec: -73 21 17.24 (-73.35479d) Equinox: J2000		V=18	Reference Frame: ICRS

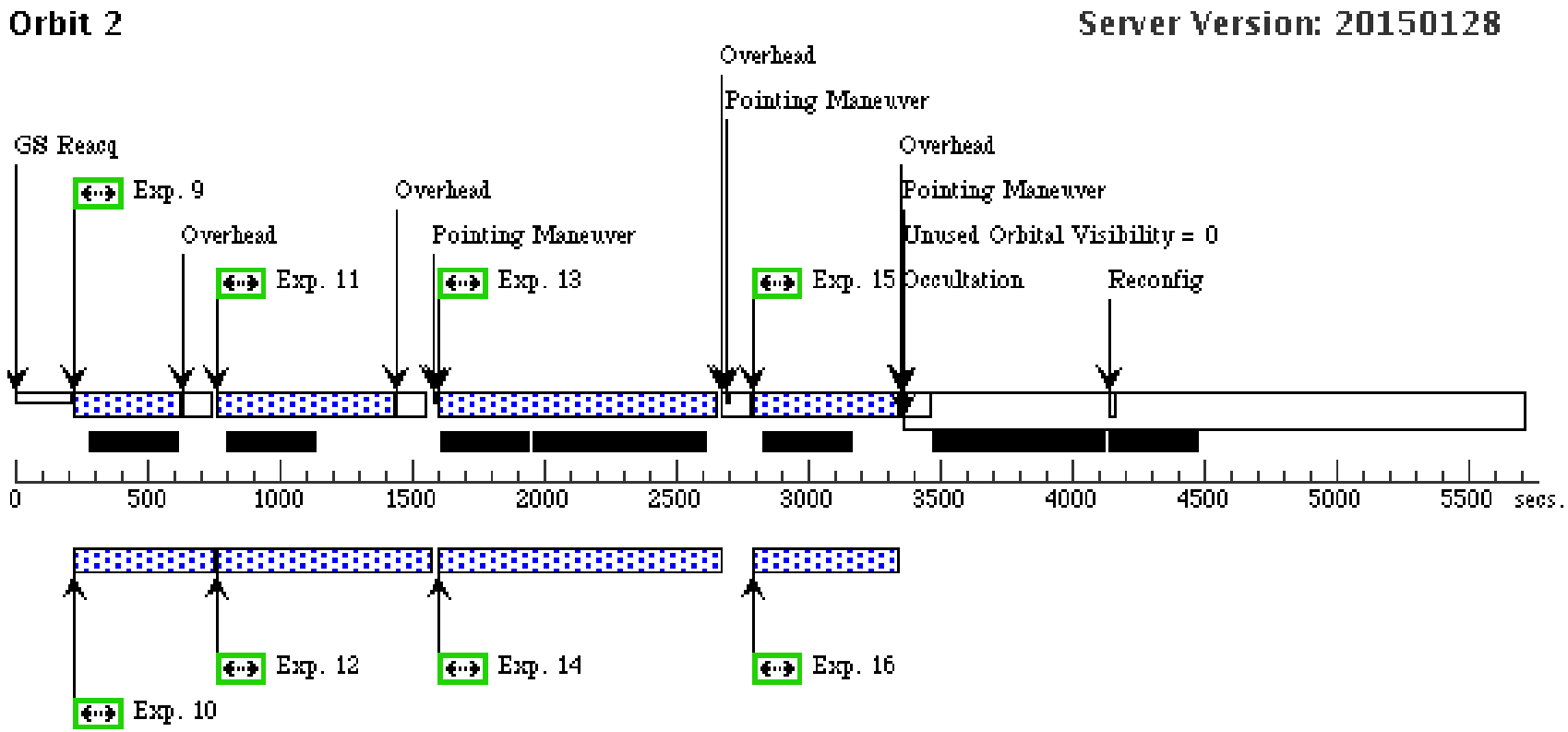
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F08-UVIS-F336W	(25) SMC-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 07	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F11-WFC-F814W	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 07	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F08-UVIS-F275W	(25) SMC-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 07	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F11-WFC-F814W	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 07	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F08-UVIS-F336W	(25) SMC-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 07	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F11-WFC-F814W	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 07	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F08-UVIS-F275W	(25) SMC-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 07	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F11-WFC-F814W	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 07	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F08-UVIS-F275W	(25) SMC-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 07	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F11-WFC-F550M	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 07	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F08-UVIS-F225W	(25) SMC-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 07	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F11-WFC-F658N	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 07	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F08-UVIS-F225W	(25) SMC-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 07	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F11-WFC-F658N	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 07	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F08-UVIS-F225W	(25) SMC-F08-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 07	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F11-WFC-F550M	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 07	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F08-IR-F160W	(7) SMC-F08-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 07	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F11-WFC-F475W	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 07	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F08-IR-F110W	(7) SMC-F08-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 07	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F11-WFC-F475W	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 07	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F08-IR-F160W	(7) SMC-F08-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 07	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F11-WFC-F475W	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 07	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F08-IR-F160W	(7) SMC-F08-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 07	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F11-WFC-F475W	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 07	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F08-IR-F160W	(7) SMC-F08-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 07	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F11-WFC-F475W	(46) SMC-F11-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 07	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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Unused Orbital Visibility = 0
Exp. 11
Exp. 13
Exp. 15
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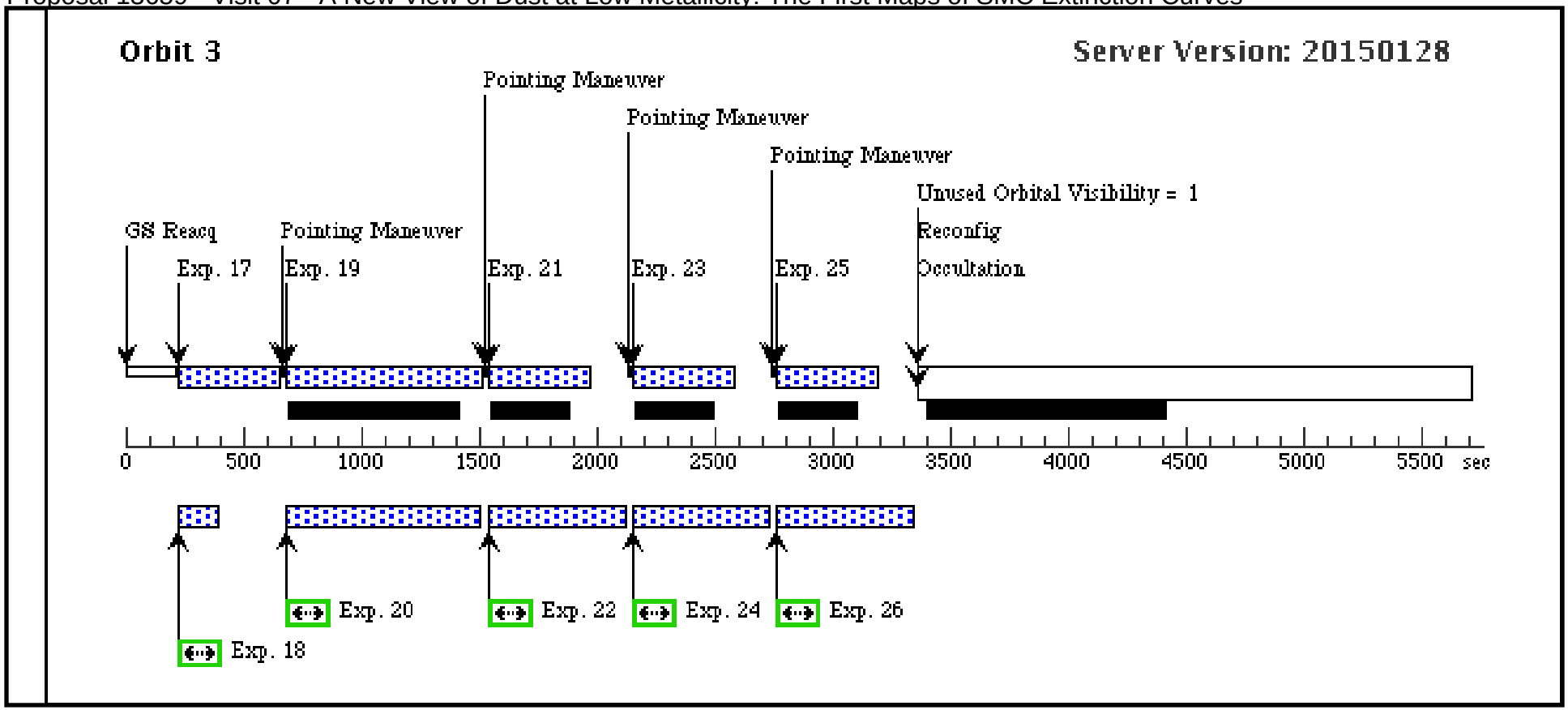
secs.
Exp. 12
Exp. 14
Exp. 16
Exp. 10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Server Version: 20150128
Pointing Maneuver
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Pointing Maneuver
Unused Orbital Visibility = 1
GS Reacq
Pointing Maneuver
Reconfig
Exp. 17
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Exp. 21
Exp. 23
Exp. 25
Occultation
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sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 08, scheduling Sat Apr 25 01:05:39 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 3D TO 3 D

Diagnostics

(Visit 08) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 08) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 08) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

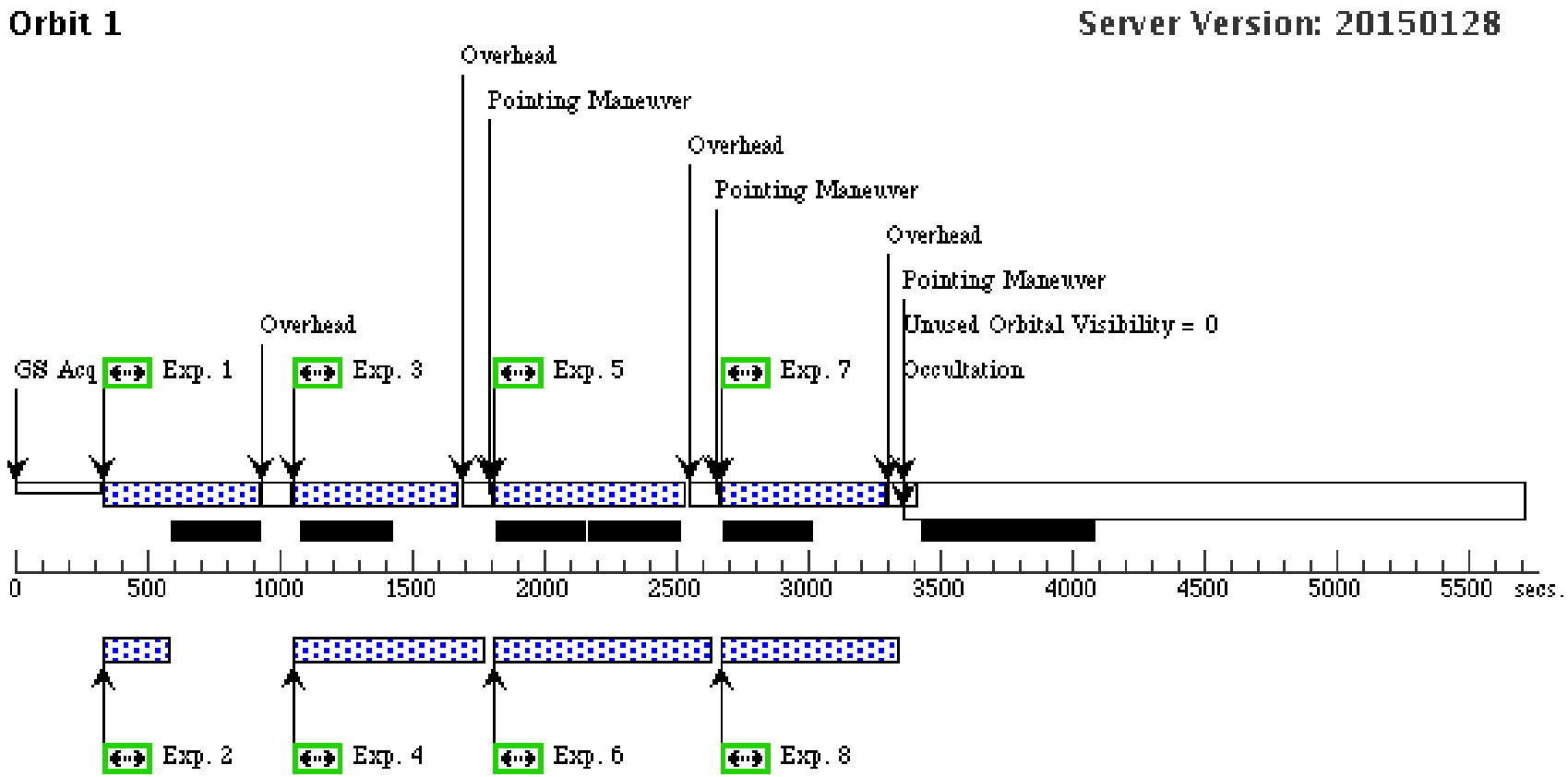
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	SMC-F09-IR	RA: 00 46 2.3174 (11.5096558d) Dec: -73 18 34.81 (-73.30967d) Equinox: J2000		V=18	Reference Frame: ICRS
(26)	SMC-F09-UVIS	RA: 00 46 2.3174 (11.5096558d) Dec: -73 18 34.81 (-73.30967d) Equinox: J2000		V=18	Reference Frame: ICRS
(47)	SMC-F12-WFC	RA: 00 45 1.7058 (11.2571075d) Dec: -73 22 35.26 (-73.37646d) Equinox: J2000		V=18	Reference Frame: ICRS

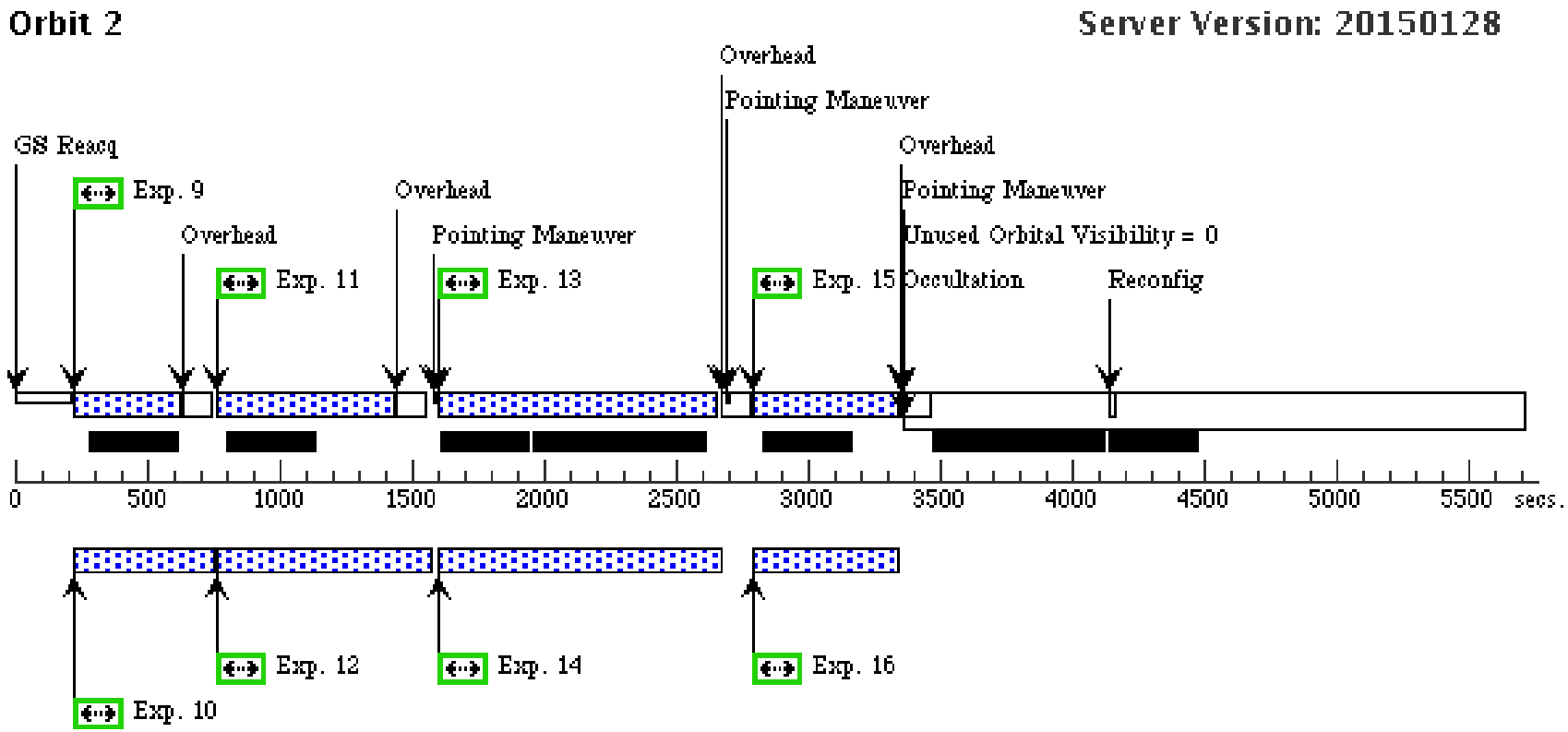
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F09-UVIS-F336W	(26) SMC-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 08	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F12-WFC-F814W	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 08	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F09-UVIS-F275W	(26) SMC-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 08	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F12-WFC-F814W	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 08	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F09-UVIS-F336W	(26) SMC-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 08	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F12-WFC-F814W	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 08	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F09-UVIS-F275W	(26) SMC-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 08	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F12-WFC-F814W	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 08	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F09-UVIS-F275W	(26) SMC-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 08	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F12-WFC-F550M	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 08	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F09-UVIS-F225W	(26) SMC-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 08	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F12-WFC-F658N	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 08	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F09-UVIS-F225W	(26) SMC-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 08	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F12-WFC-F658N	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 08	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F09-UVIS-F225W	(26) SMC-F09-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 08	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F12-WFC-F550M	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 08	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F09-IR-F160W	(8) SMC-F09-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 08	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F12-WFC-F475W	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 08	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F09-IR-F110W	(8) SMC-F09-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 08	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F12-WFC-F475W	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 08	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F09-IR-F160W	(8) SMC-F09-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 08	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F12-WFC-F475W	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 08	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F09-IR-F160W	(8) SMC-F09-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 08	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F12-WFC-F475W	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 08	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F09-IR-F160W	(8) SMC-F09-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 08	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F12-WFC-F475W	(47) SMC-F12-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 08	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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Unused Orbital Visibility = 0
Exp. 11
Exp. 13
Exp. 15
Occultation
Reconfig
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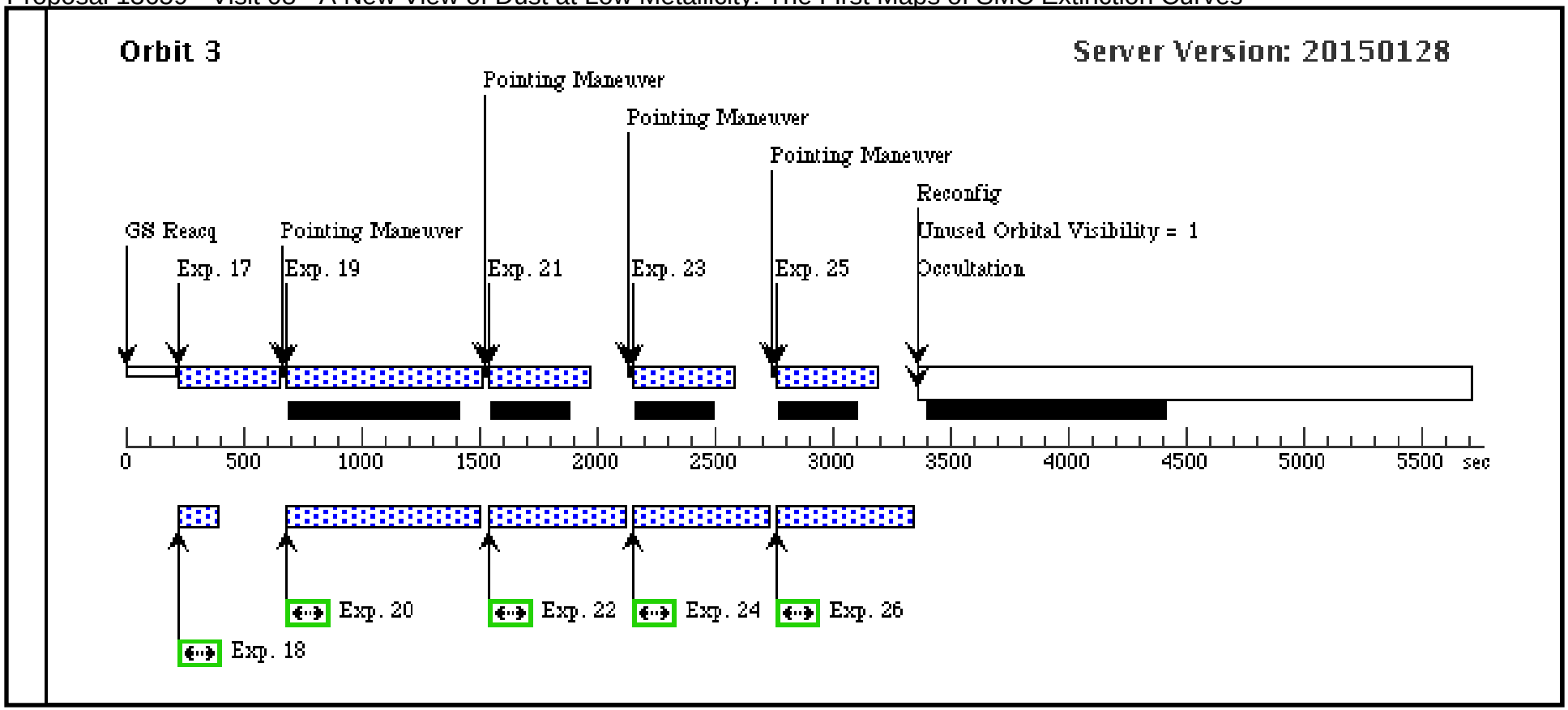
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Exp. 21
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Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 09, completed Sat Apr 25 01:05:40 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 183D TO 183 D

Diagnostics

(Visit 09) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 09) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 09) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

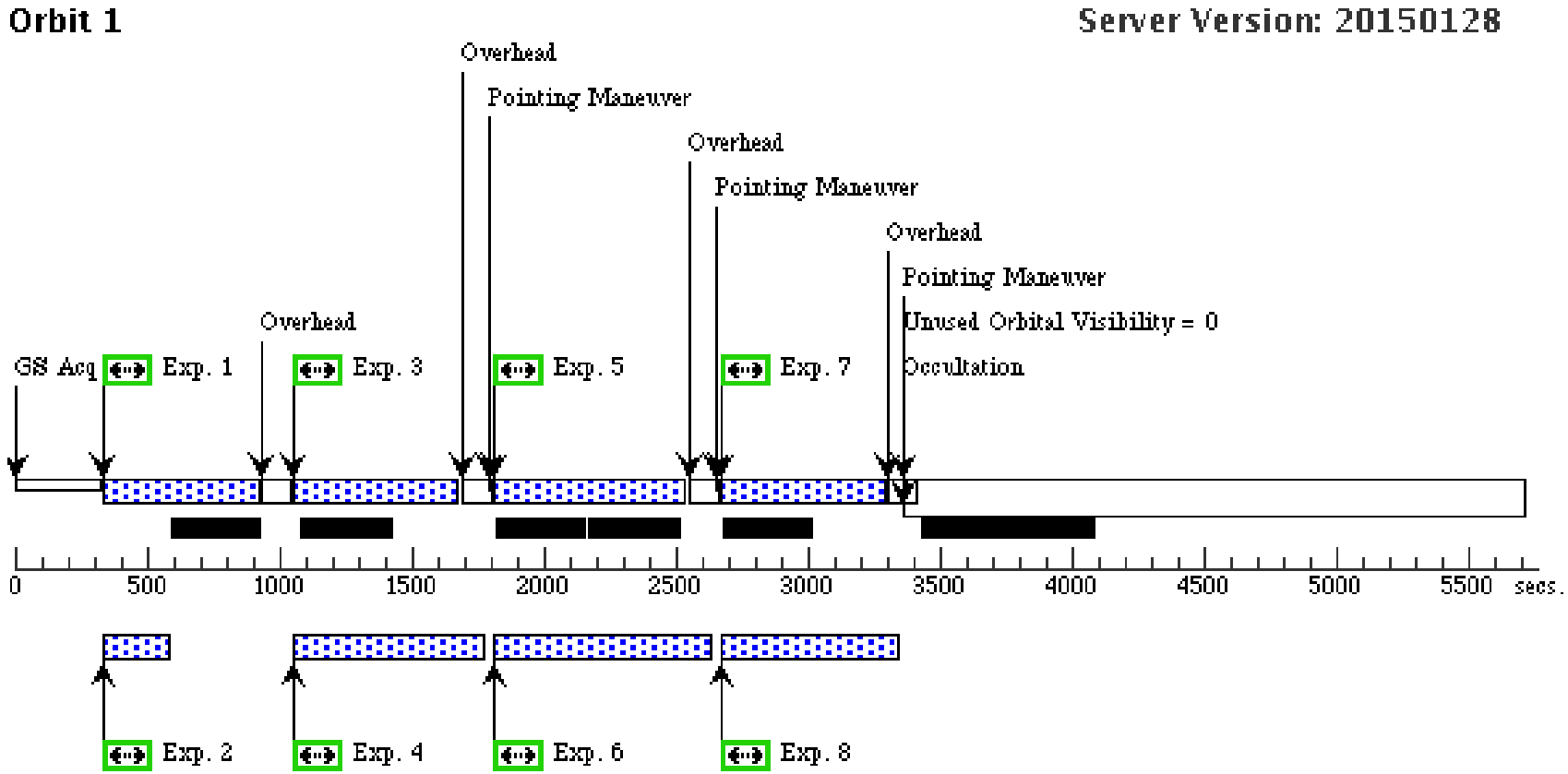
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	SMC-F10-IR	RA: 00 45 41.5717 (11.4232154d) Dec: -73 19 56.69 (-73.33241d) Equinox: J2000		V=18	Reference Frame: ICRS
(27)	SMC-F10-UVIS	RA: 00 45 41.5717 (11.4232154d) Dec: -73 19 56.69 (-73.33241d) Equinox: J2000		V=18	Reference Frame: ICRS
(48)	SMC-F07-WFC	RA: 00 46 42.4904 (11.6770433d) Dec: -73 15 51.63 (-73.26434d) Equinox: J2000		V=18	Reference Frame: ICRS

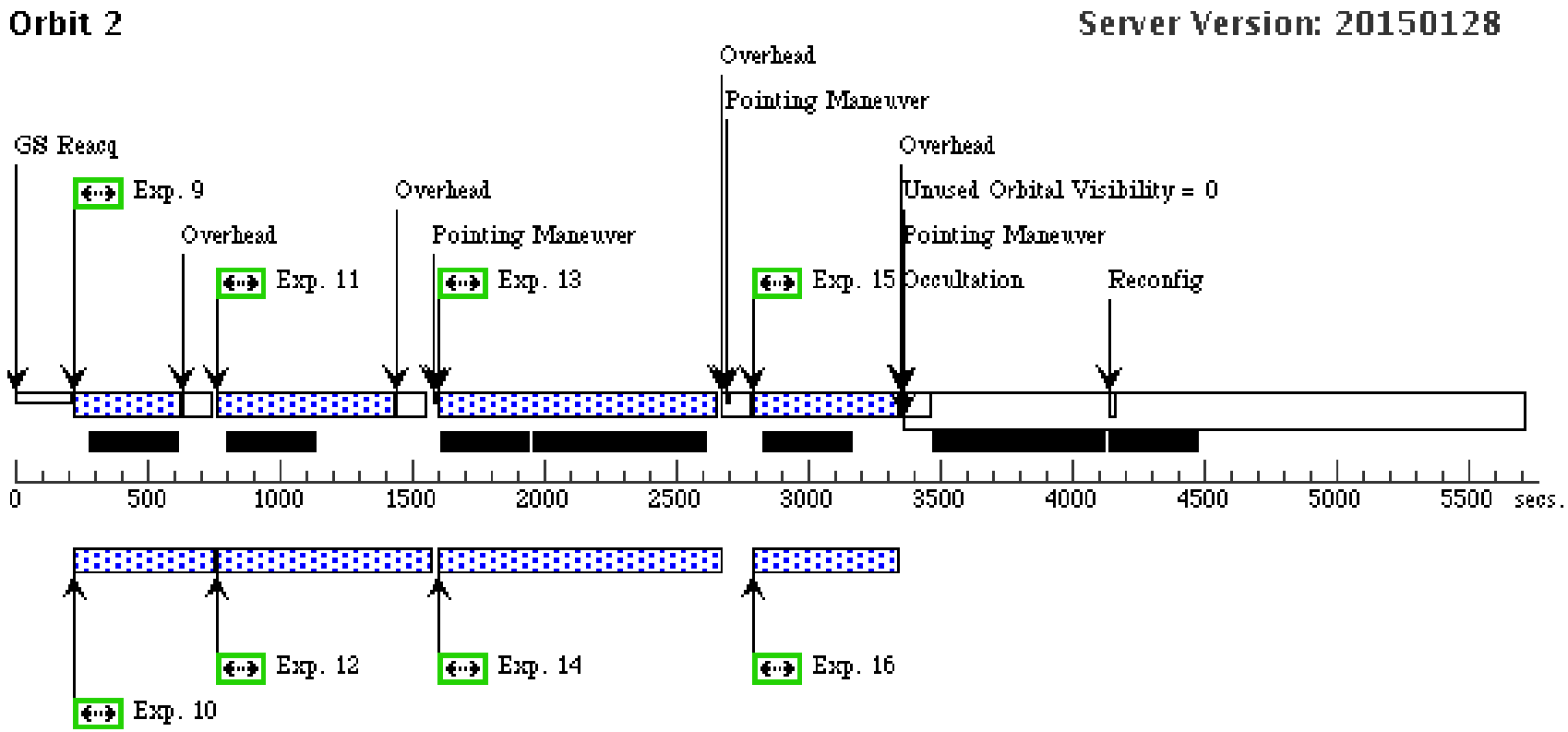
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F10-UVIS-F336W	(27) SMC-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 09	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F07-WFC-F814W	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 09	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F10-UVIS-F275W	(27) SMC-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 09	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F07-WFC-F814W	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 09	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F10-UVIS-F336W	(27) SMC-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 09	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F07-WFC-F814W	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 09	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F10-UVIS-F275W	(27) SMC-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 09	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F07-WFC-F814W	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 09	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F10-UVIS-F275W	(27) SMC-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 09	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F07-WFC-F550M	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 09	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F10-UVIS-F225W	(27) SMC-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 09	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F07-WFC-F658N	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 09	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F10-UVIS-F225W	(27) SMC-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 09	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F07-WFC-F658N	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 09	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F10-UVIS-F225W	(27) SMC-F10-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 09	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F07-WFC-F550M	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 09	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F10-IR-F160W	(9) SMC-F10-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 09	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F07-WFC-F475W	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 09	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F10-IR-F110W	(9) SMC-F10-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 09	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F07-WFC-F475W	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 09	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F10-IR-F160W	(9) SMC-F10-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 09	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F07-WFC-F475W	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 09	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F10-IR-F160W	(9) SMC-F10-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 09	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F07-WFC-F475W	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 09	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F10-IR-F160W	(9) SMC-F10-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 09	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F07-WFC-F475W	(48) SMC-F07-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 09	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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Overhead
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GS Reacq
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Overhead
Overhead
Unused Orbital Visibility = 0
Overhead
Pointing Maneuver
Pointing Maneuver
Exp. 11
Exp. 13
Exp. 15
Occultation
Reconfig
0
500
1000
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secs.
Exp. 12
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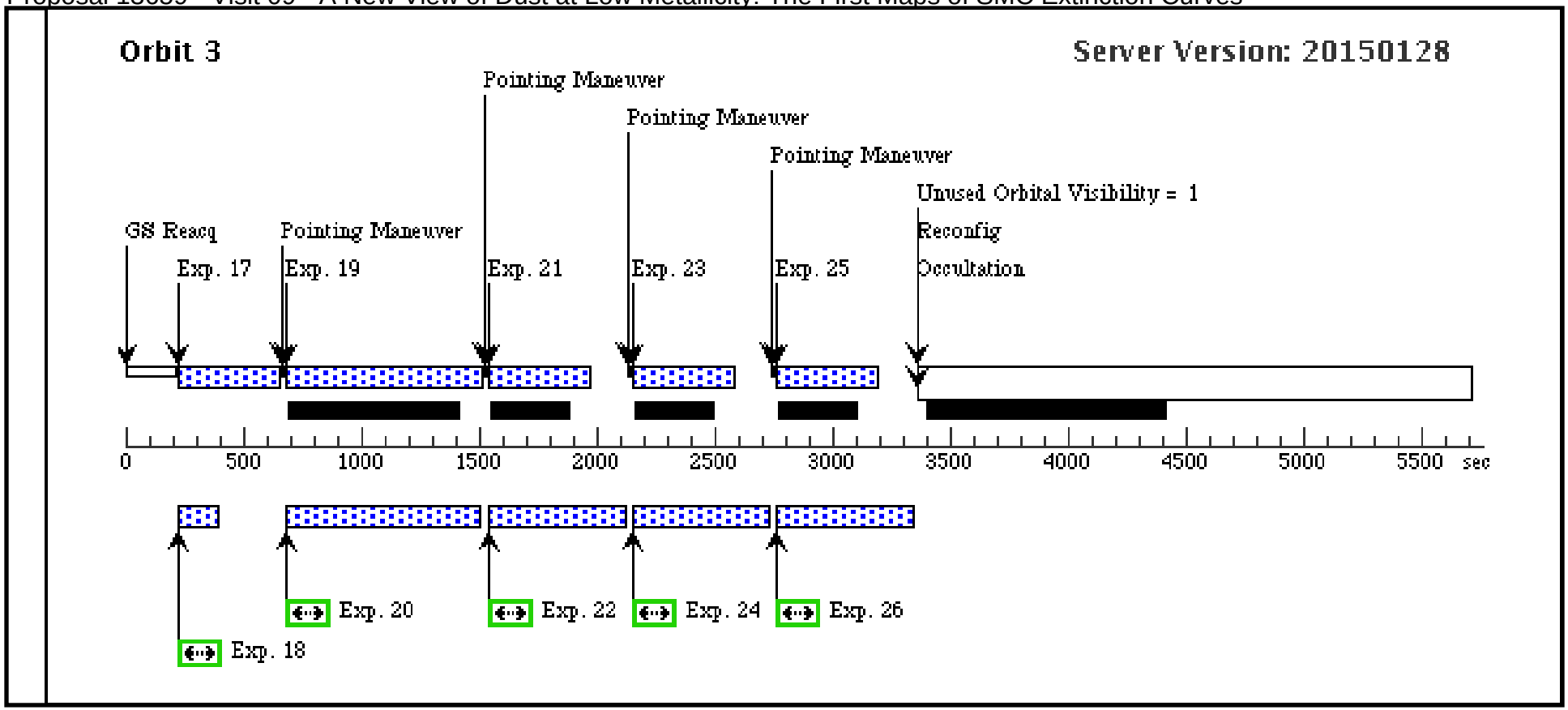
Exp. 16
Exp. 10


Orbit 3
Server Version: 20150128
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 1
GS Reacq
Pointing Maneuver
Reconfig
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 10, completed Sat Apr 25 01:05:40 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 178D TO 178 D

Diagnostics

(Visit 10) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 10) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 10) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

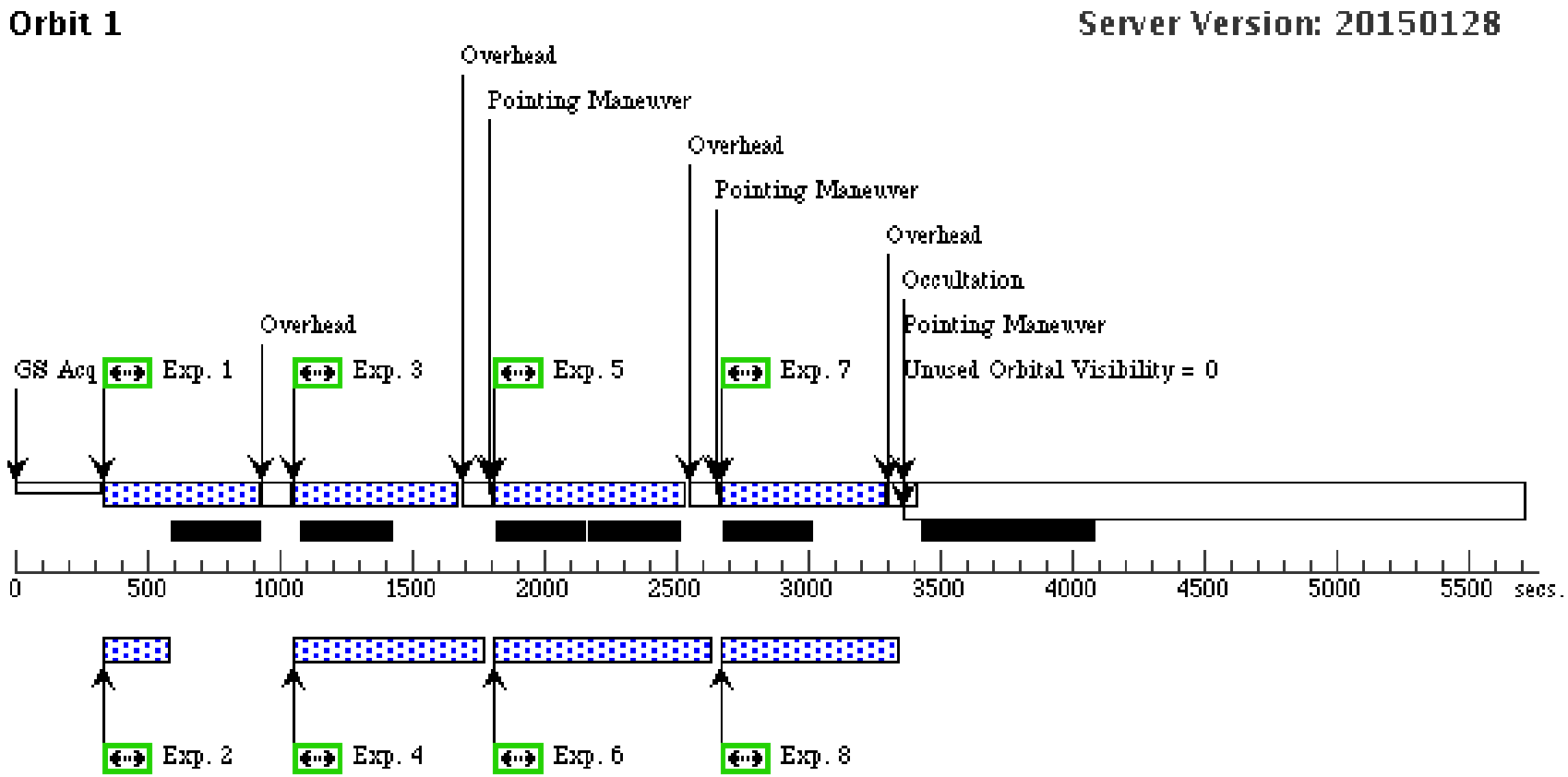
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	SMC-F11-IR	RA: 00 45 21.3980 (11.3391583d) Dec: -73 21 17.24 (-73.35479d) Equinox: J2000		V=18	Reference Frame: ICRS
(28)	SMC-F11-UVIS	RA: 00 45 21.3980 (11.3391583d) Dec: -73 21 17.24 (-73.35479d) Equinox: J2000		V=18	Reference Frame: ICRS
(43)	SMC-F08-WFC	RA: 00 46 22.5033 (11.5937638d) Dec: -73 17 12.50 (-73.28681d) Equinox: J2000		V=18	Reference Frame: ICRS

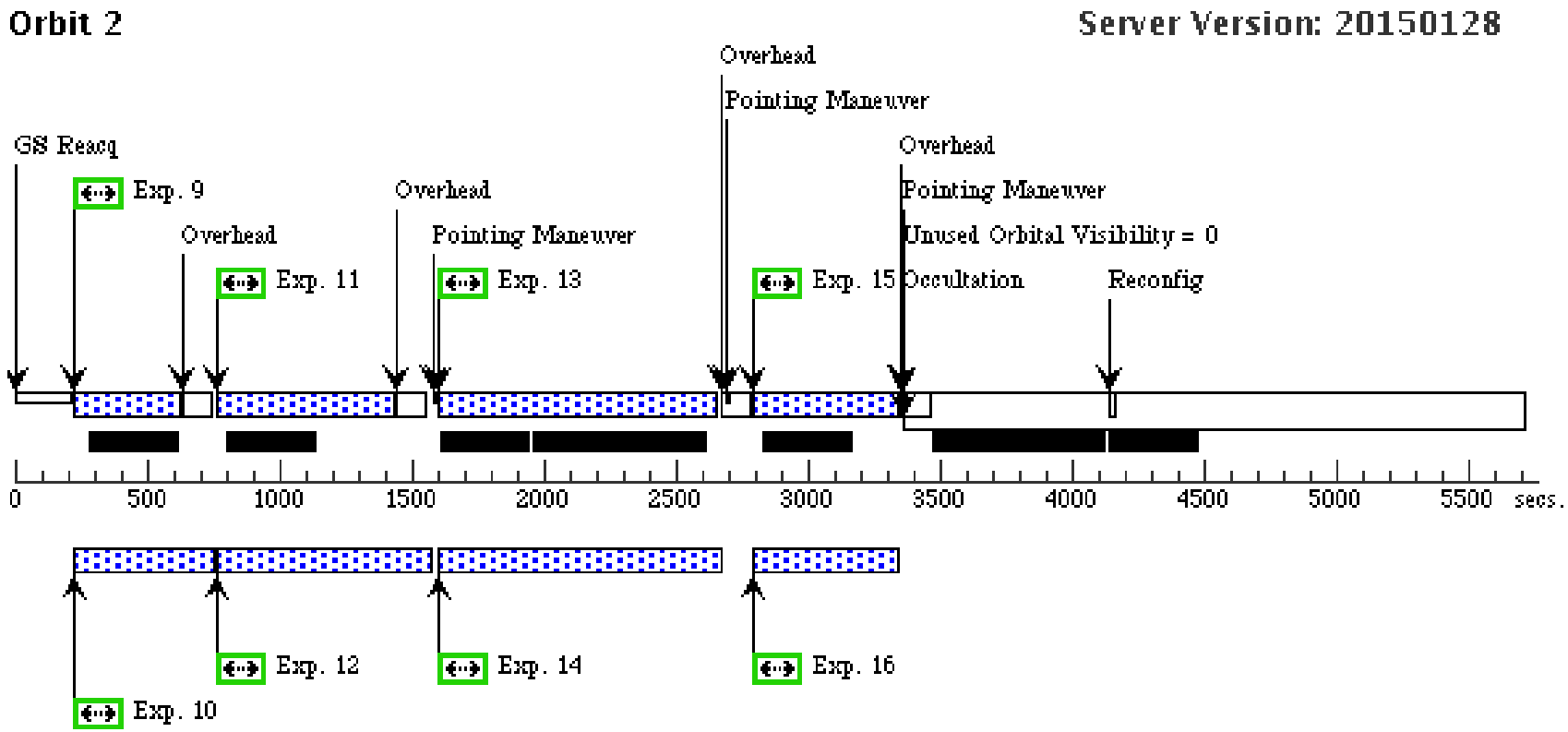
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F11-UVIS-F336W	(28) SMC-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 10	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F08-WFC-F814W	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 10	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F11-UVIS-F275W	(28) SMC-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 10	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F08-WFC-F814W	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 10	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F11-UVIS-F336W	(28) SMC-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 10	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F08-WFC-F814W	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 10	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F11-UVIS-F275W	(28) SMC-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 10	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F08-WFC-F814W	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 10	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F11-UVIS-F275W	(28) SMC-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 10	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F08-WFC-F550M	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 10	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F11-UVIS-F225W	(28) SMC-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 10	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F08-WFC-F658N	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 10	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F11-UVIS-F225W	(28) SMC-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 10	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F08-WFC-F658N	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 10	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F11-UVIS-F225W	(28) SMC-F11-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 10	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F08-WFC-F550M	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 10	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F11-IR-F160W	(10) SMC-F11-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 10	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F08-WFC-F475W	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 10	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F11-IR-F110W	(10) SMC-F11-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 10	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F08-WFC-F475W	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 10	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F11-IR-F160W	(10) SMC-F11-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 10	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F08-WFC-F475W	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 10	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F11-IR-F160W	(10) SMC-F11-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 10	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F08-WFC-F475W	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 10	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F11-IR-F160W	(10) SMC-F11-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 10	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F08-WFC-F475W	(43) SMC-F08-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 10	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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Overhead
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Unused Orbital Visibility = 0
Exp. 11
Exp. 13
Exp. 15
Occultation
Reconfig
0
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secs.
Exp. 12
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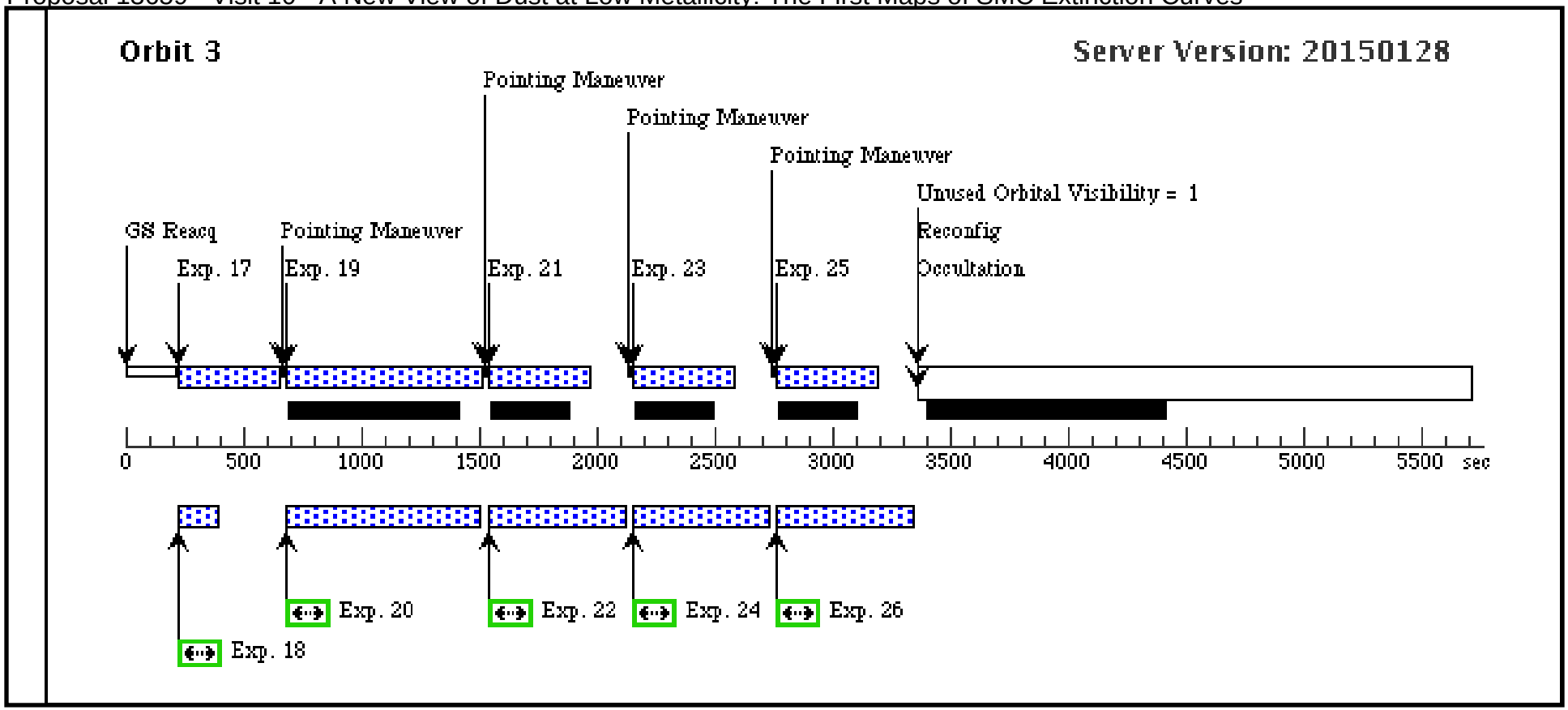
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Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 1
GS Reacq
Pointing Maneuver
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Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
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sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 11, completed Sat Apr 25 01:05:40 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 183D TO 183 D

Diagnostics

(Visit 11) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 11) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 11) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

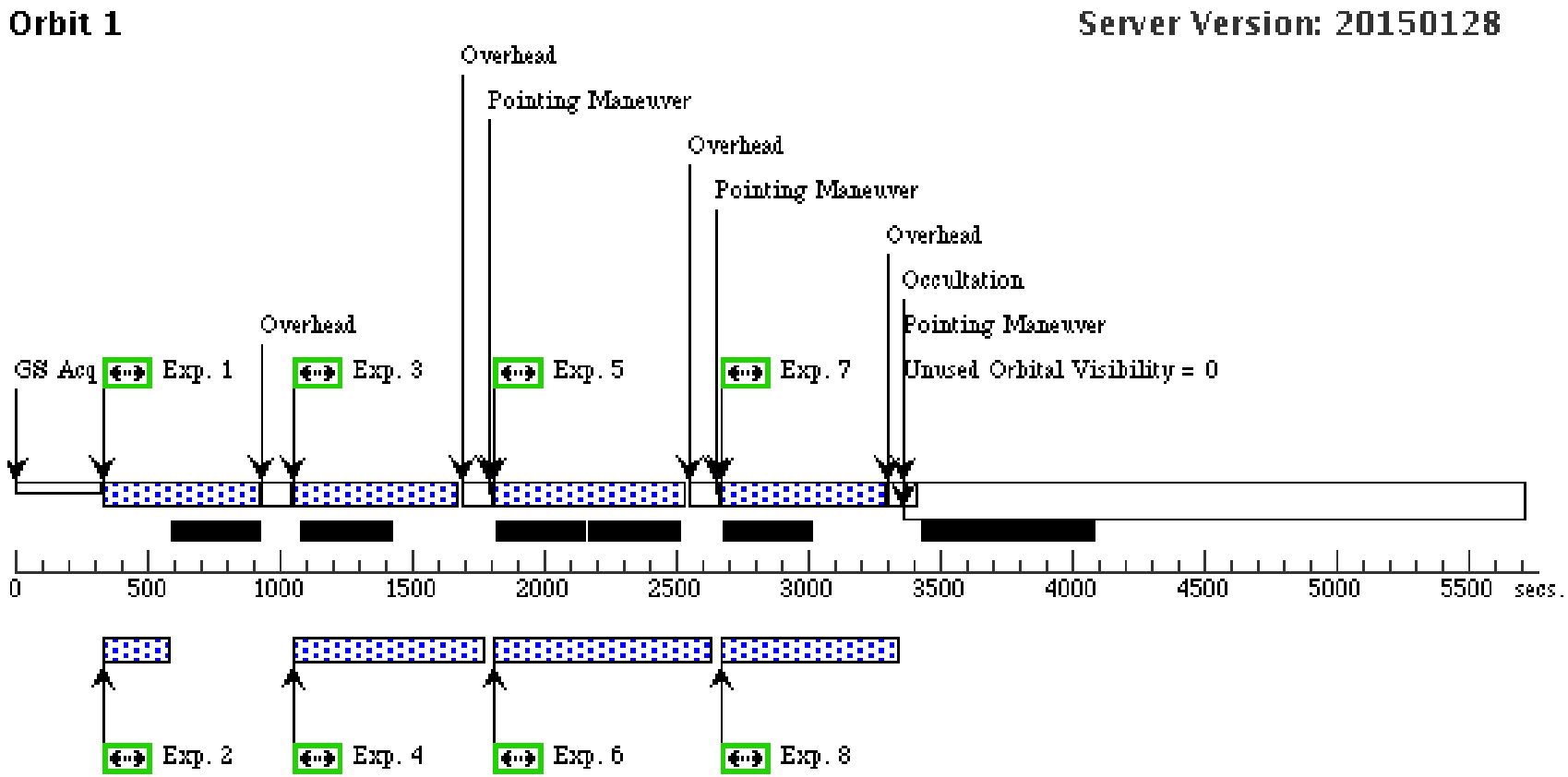
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	SMC-F12-IR	RA: 00 45 1.7058 (11.2571075d) Dec: -73 22 35.26 (-73.37646d) Equinox: J2000		V=18	Reference Frame: ICRS
(29)	SMC-F12-UVIS	RA: 00 45 1.7058 (11.2571075d) Dec: -73 22 35.26 (-73.37646d) Equinox: J2000		V=18	Reference Frame: ICRS
(44)	SMC-F09-WFC	RA: 00 46 2.3174 (11.5096558d) Dec: -73 18 34.81 (-73.30967d) Equinox: J2000		V=18	Reference Frame: ICRS

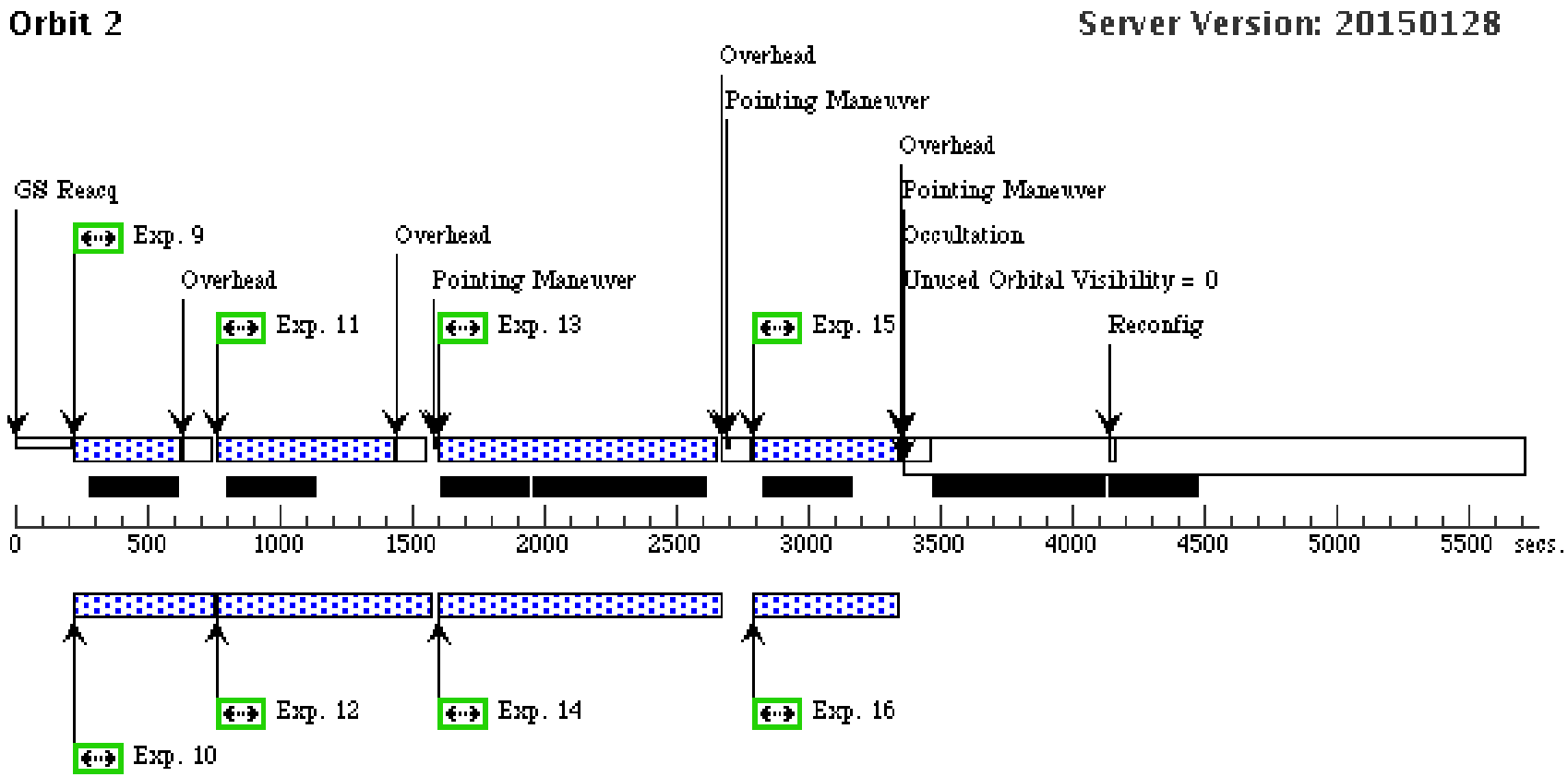
Exposures

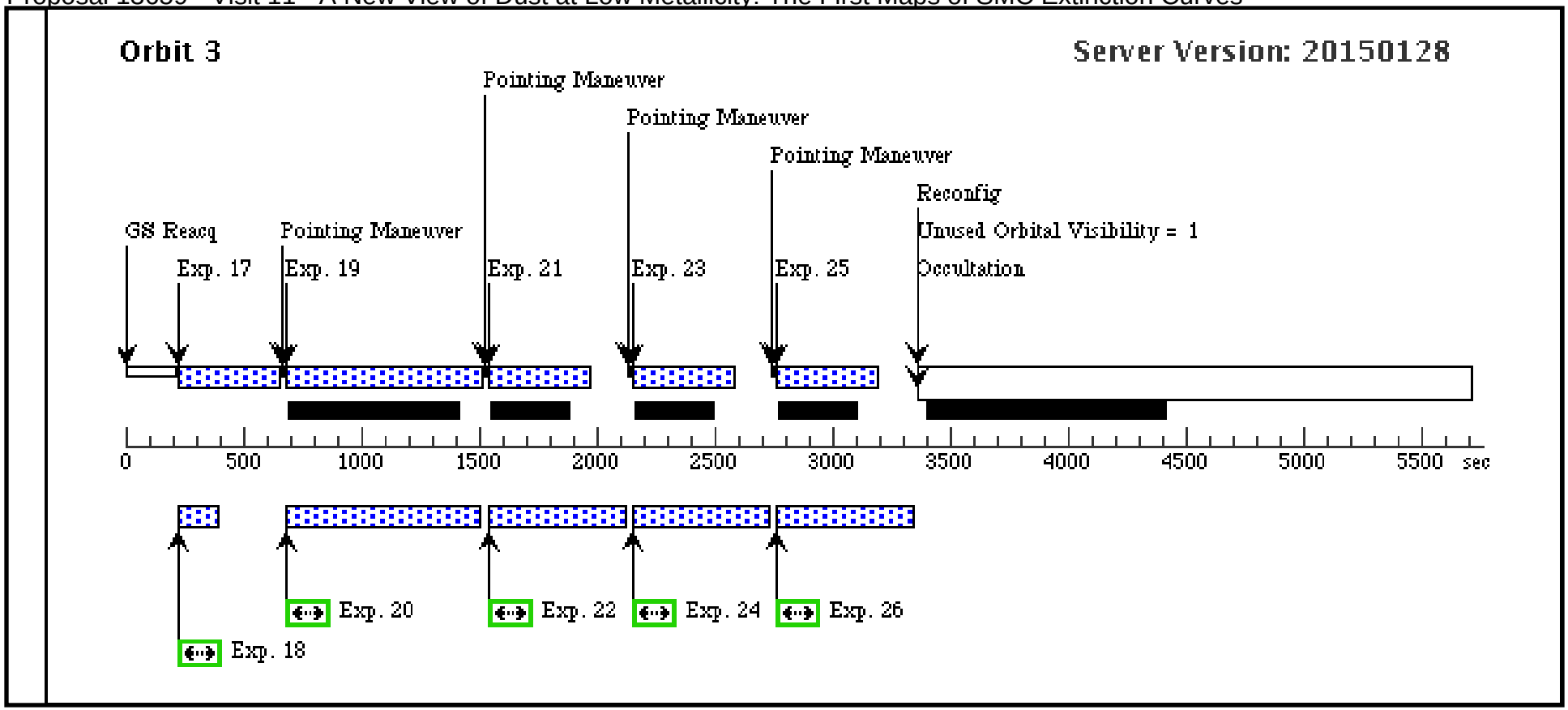
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F12-UVIS-F336W	(29) SMC-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 11	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F09-WFC-F814W	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 11	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F12-UVIS-F275W	(29) SMC-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 11	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F09-WFC-F814W	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 11	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F12-UVIS-F336W	(29) SMC-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 11	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F09-WFC-F814W	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 11	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F12-UVIS-F275W	(29) SMC-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 11	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F09-WFC-F814W	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 11	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F12-UVIS-F275W	(29) SMC-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 11	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F09-WFC-F550M	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 11	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F12-UVIS-F225W	(29) SMC-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 11	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F09-WFC-F658N	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 11	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F12-UVIS-F225W	(29) SMC-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 11	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F09-WFC-F658N	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 11	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F12-UVIS-F225W	(29) SMC-F12-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 11	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F09-WFC-F550M	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 11	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F12-IR-F160W	(11) SMC-F12-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 11	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F09-WFC-F475W	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 11	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F12-IR-F110W	(11) SMC-F12-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 11	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F09-WFC-F475W	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 11	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F12-IR-F160W	(11) SMC-F12-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 11	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F09-WFC-F475W	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 11	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F12-IR-F160W	(11) SMC-F12-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 11	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F09-WFC-F475W	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 11	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F12-IR-F160W	(11) SMC-F12-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 11	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F09-WFC-F475W	(44) SMC-F09-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 11	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure




Orbit 2
Server Version: 20150128
GS Reacq
Exp. 9
Overhead
Exp. 11
Overhead
Pointing Maneuver
Exp. 13
Overhead
Pointing Maneuver
Exp. 15
Overhead
Pointing Maneuver
Occultation
Unused Orbital Visibility = 0
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12
Exp. 14
Exp. 16


Orbit 3
Server Version: 20150128
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Reconfig
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 1
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 12, scheduling Sat Apr 25 01:05:40 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 3D TO 3 D

Diagnostics

(Visit 12) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 12) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 12) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

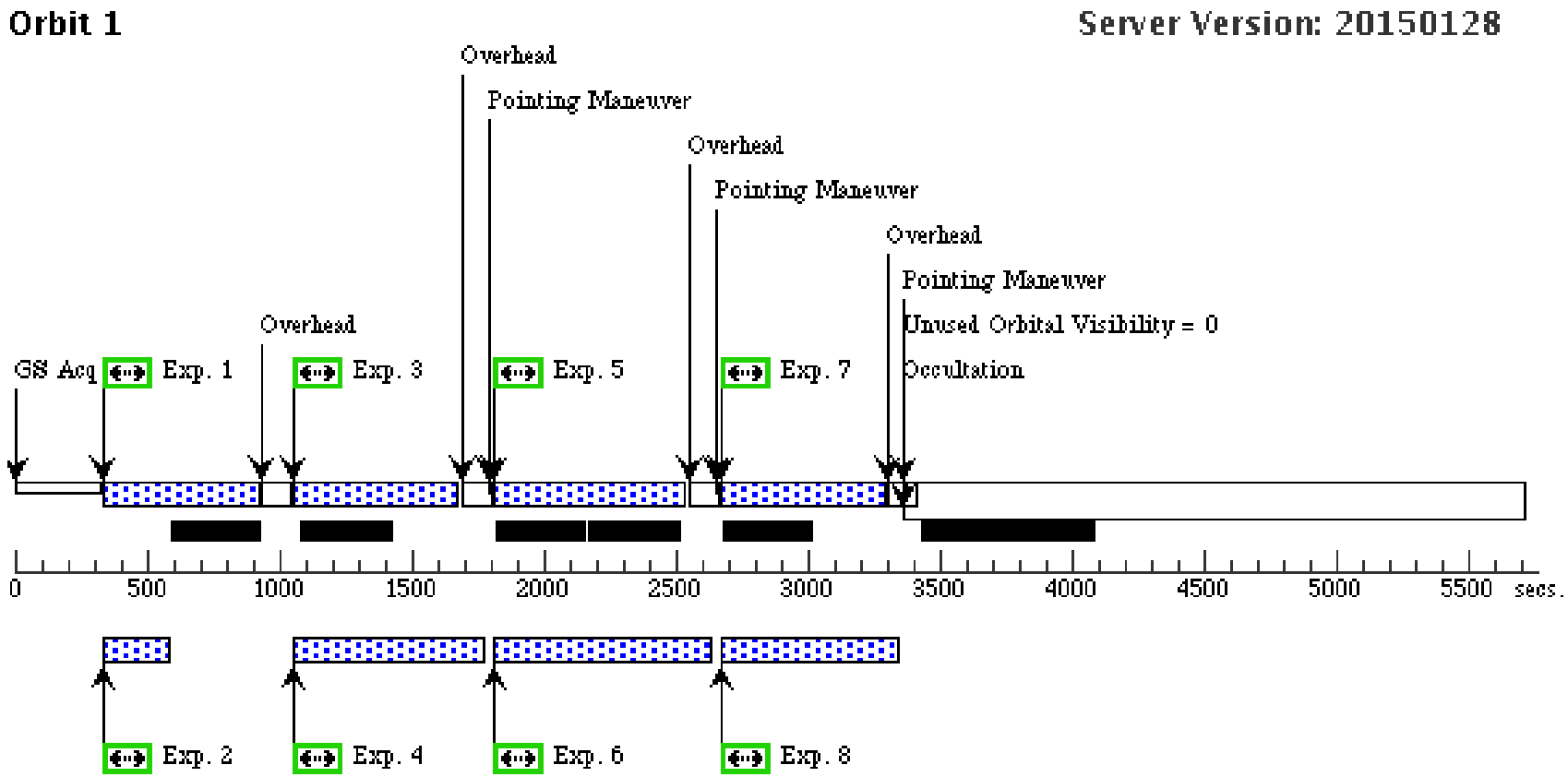
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	SMC-F07-IR	RA: 00 46 42.4904 (11.6770433d) Dec: -73 15 51.63 (-73.26434d) Equinox: J2000		V=18	Reference Frame: ICRS
(30)	SMC-F07-UVIS	RA: 00 46 42.4904 (11.6770433d) Dec: -73 15 51.63 (-73.26434d) Equinox: J2000		V=18	Reference Frame: ICRS
(45)	SMC-F10-WFC	RA: 00 45 41.5717 (11.4232154d) Dec: -73 19 56.69 (-73.33241d) Equinox: J2000		V=18	Reference Frame: ICRS

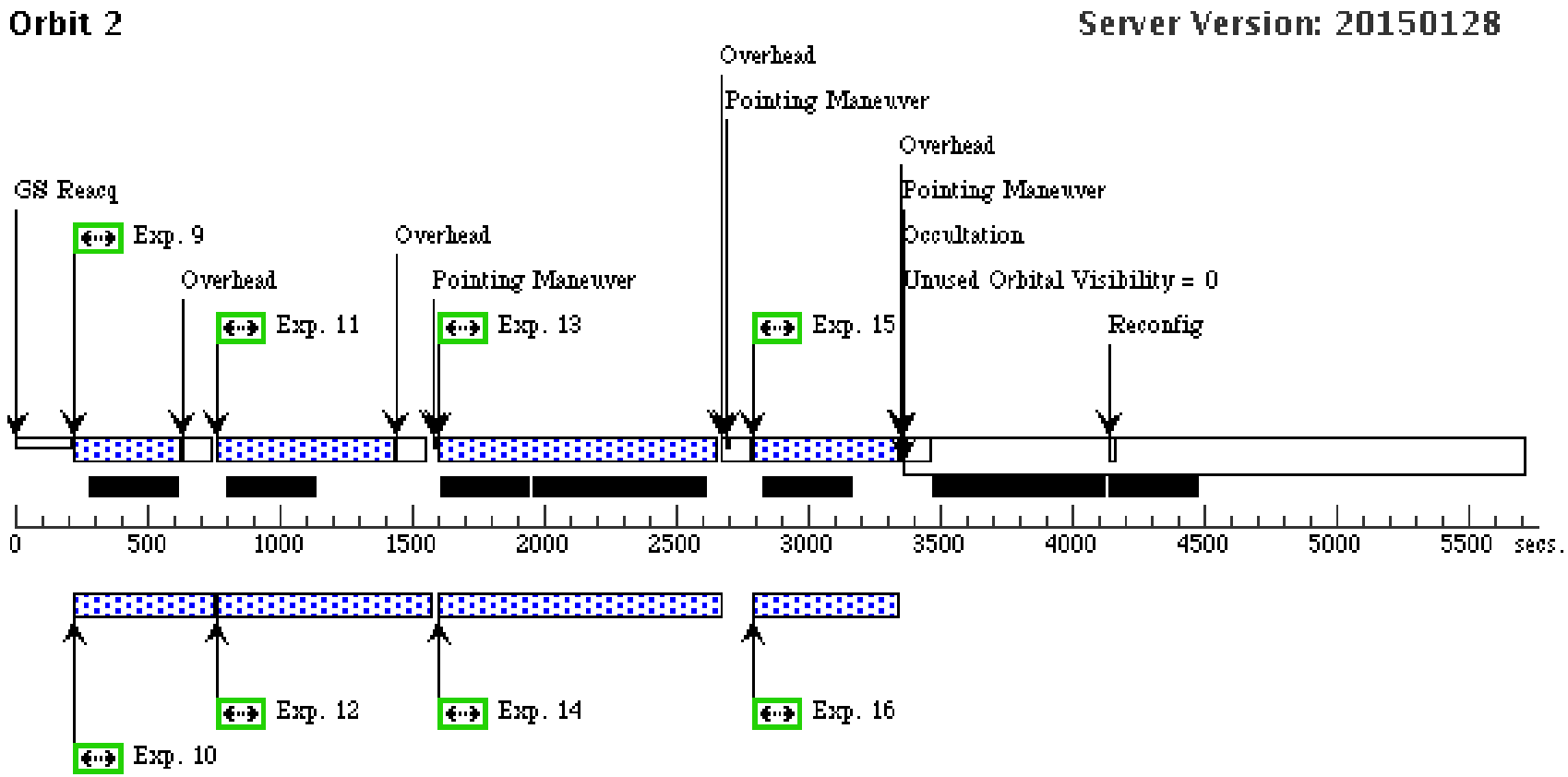
Exposures

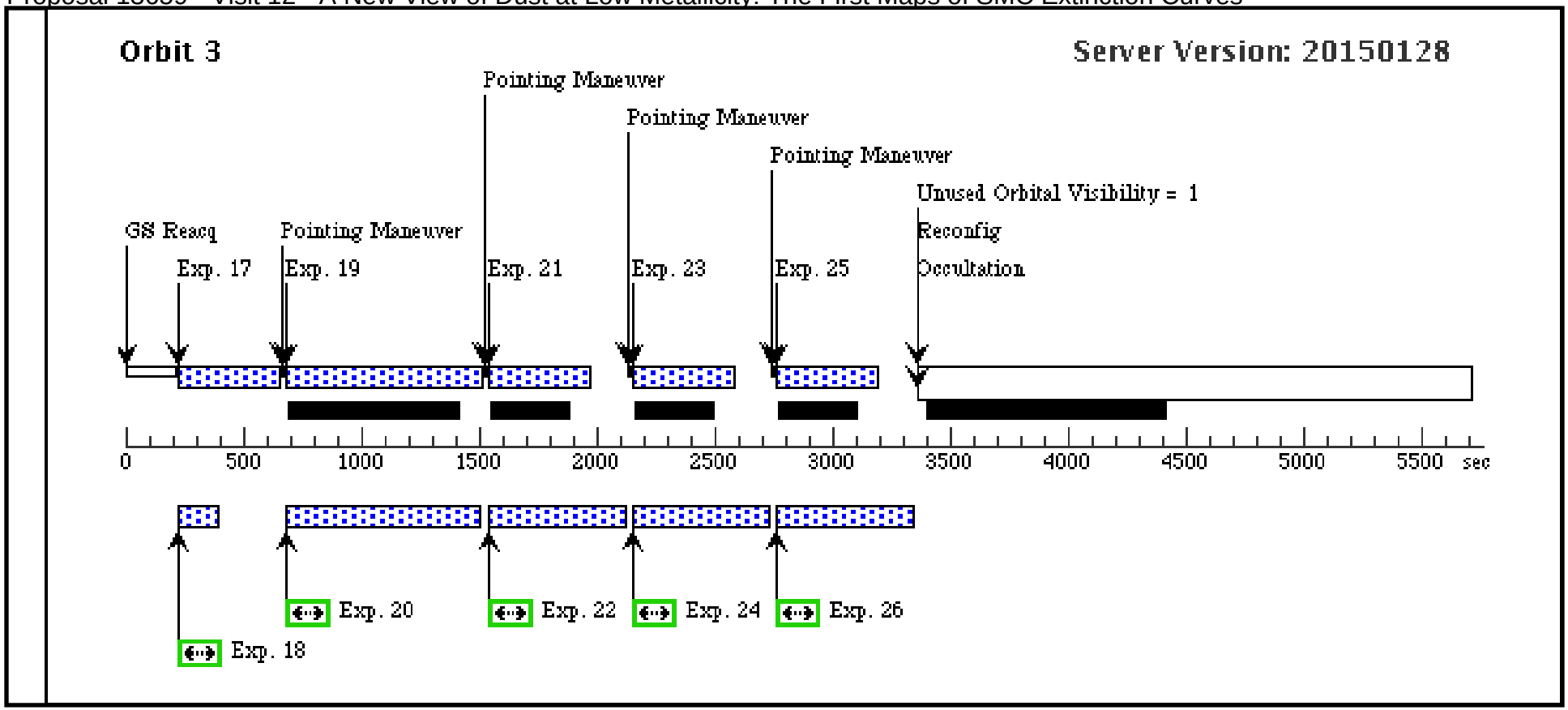
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F07-UVIS-F336W	(30) SMC-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 12	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F10-WFC-F814W	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 12	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F07-UVIS-F275W	(30) SMC-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 12	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F10-WFC-F814W	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 12	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F07-UVIS-F336W	(30) SMC-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 12	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F10-WFC-F814W	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 12	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F07-UVIS-F275W	(30) SMC-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 12	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F10-WFC-F814W	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 12	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F07-UVIS-F275W	(30) SMC-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 12	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F10-WFC-F550M	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 12	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F07-UVIS-F225W	(30) SMC-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 12	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F10-WFC-F658N	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 12	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F07-UVIS-F225W	(30) SMC-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 12	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F10-WFC-F658N	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 12	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F07-UVIS-F225W	(30) SMC-F07-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 12	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F10-WFC-F550M	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 12	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F07-IR-F160W	(12) SMC-F07-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 12	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F10-WFC-F475W	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 12	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F07-IR-F110W	(12) SMC-F07-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 12	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F10-WFC-F475W	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 12	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F07-IR-F160W	(12) SMC-F07-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 12	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F10-WFC-F475W	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 12	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F07-IR-F160W	(12) SMC-F07-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 12	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F10-WFC-F475W	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 12	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F07-IR-F160W	(12) SMC-F07-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 12	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F10-WFC-F475W	(45) SMC-F10-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 12	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure




Orbit 2
Server Version: 20150128
Overhead
Pointing Maneuver
Overhead
Pointing Maneuver
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 9
Overhead
Exp. 11
Overhead
Pointing Maneuver
Exp. 13
Exp. 15
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 12
Exp. 14
Exp. 16
Exp. 10


Orbit 3
Server Version: 20150128
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 1
GS Reacq
Pointing Maneuver
Reconfig
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 13, scheduling Sat Apr 25 01:05:40 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 3D TO 3 D

Diagnostics

(Visit 13) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 13) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 13) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

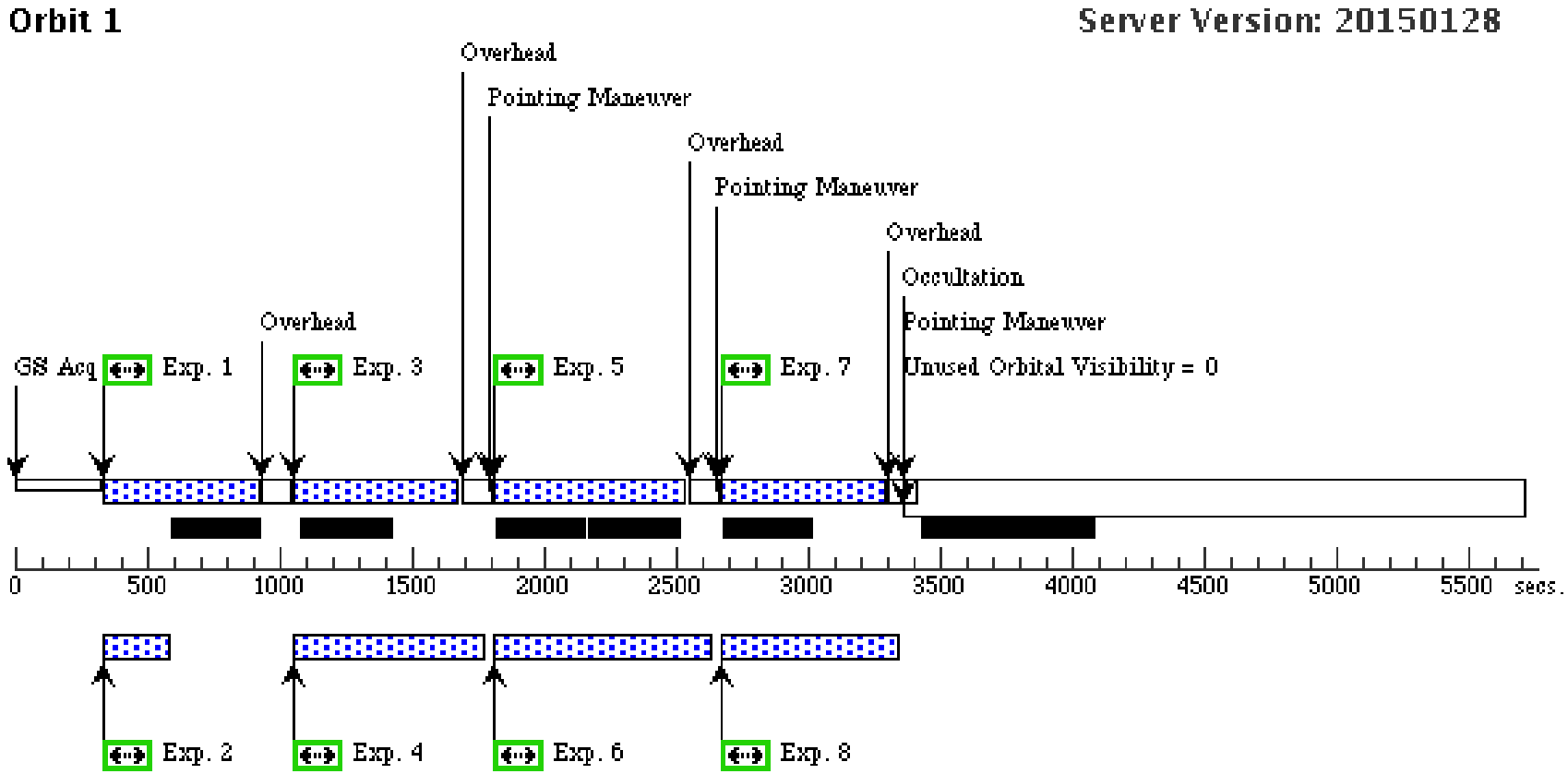
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(13)	SMC-F02-IR	RA: 00 46 1.7753 (11.5073971d) Dec: -73 15 35.06 (-73.25974d) Equinox: J2000		V=18	Reference Frame: ICRS
(31)	SMC-F02-UVIS	RA: 00 46 1.7753 (11.5073971d) Dec: -73 15 35.06 (-73.25974d) Equinox: J2000		V=18	Reference Frame: ICRS
(52)	SMC-F05-WFC	RA: 00 45 1.0526 (11.2543858d) Dec: -73 19 41.07 (-73.32808d) Equinox: J2000		V=18	Reference Frame: ICRS

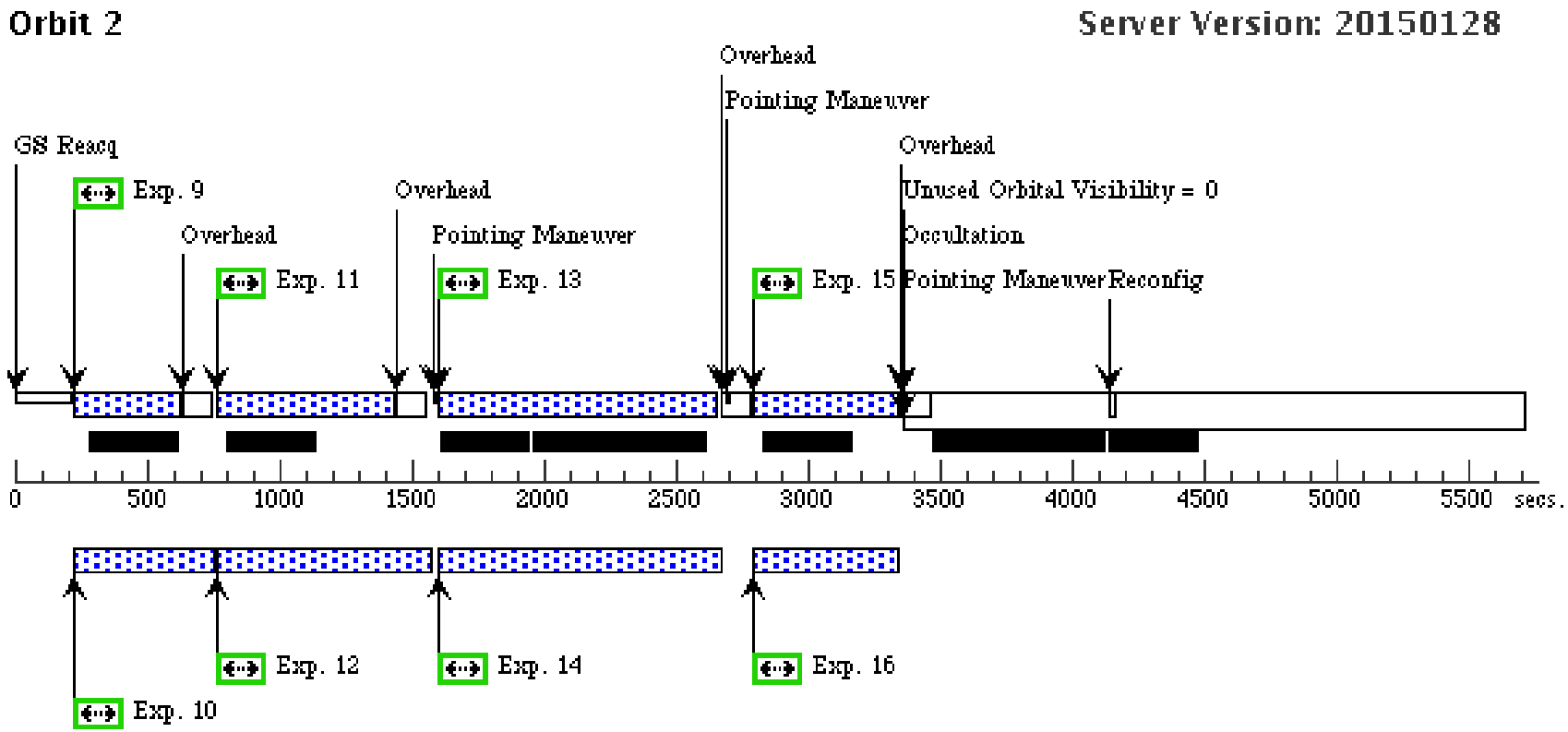
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F02-UVIS-F336W	(31) SMC-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 13	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F05-WFC-F814W	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 13	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F02-UVIS-F275W	(31) SMC-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 13	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F05-WFC-F814W	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 13	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F02-UVIS-F336W	(31) SMC-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 13	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F05-WFC-F814W	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 13	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F02-UVIS-F275W	(31) SMC-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 13	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F05-WFC-F814W	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 13	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F02-UVIS-F275W	(31) SMC-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 13	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F05-WFC-F550M	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 13	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F02-UVIS-F225W	(31) SMC-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 13	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F05-WFC-F658N	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 13	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F02-UVIS-F225W	(31) SMC-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 13	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F05-WFC-F658N	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 13	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F02-UVIS-F225W	(31) SMC-F02-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 13	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F05-WFC-F550M	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 13	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F02-IR-F160W	(13) SMC-F02-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 13	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F05-WFC-F475W	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 13	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F02-IR-F110W	(13) SMC-F02-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 13	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F05-WFC-F475W	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 13	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F02-IR-F160W	(13) SMC-F02-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 13	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F05-WFC-F475W	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 13	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F02-IR-F160W	(13) SMC-F02-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 13	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F05-WFC-F475W	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 13	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F02-IR-F160W	(13) SMC-F02-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 13	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F05-WFC-F475W	(52) SMC-F05-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 13	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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Server Version: 20150128
Overhead
Pointing Maneuver
GS Reacq
Exp. 9
Overhead
Overhead
Unused Orbital Visibility = 0
Overhead
Pointing Maneuver
Occultation
Exp. 11
Exp. 13
Exp. 15
Pointing Maneuver
Reconfig
0
500
1000
1500
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2500
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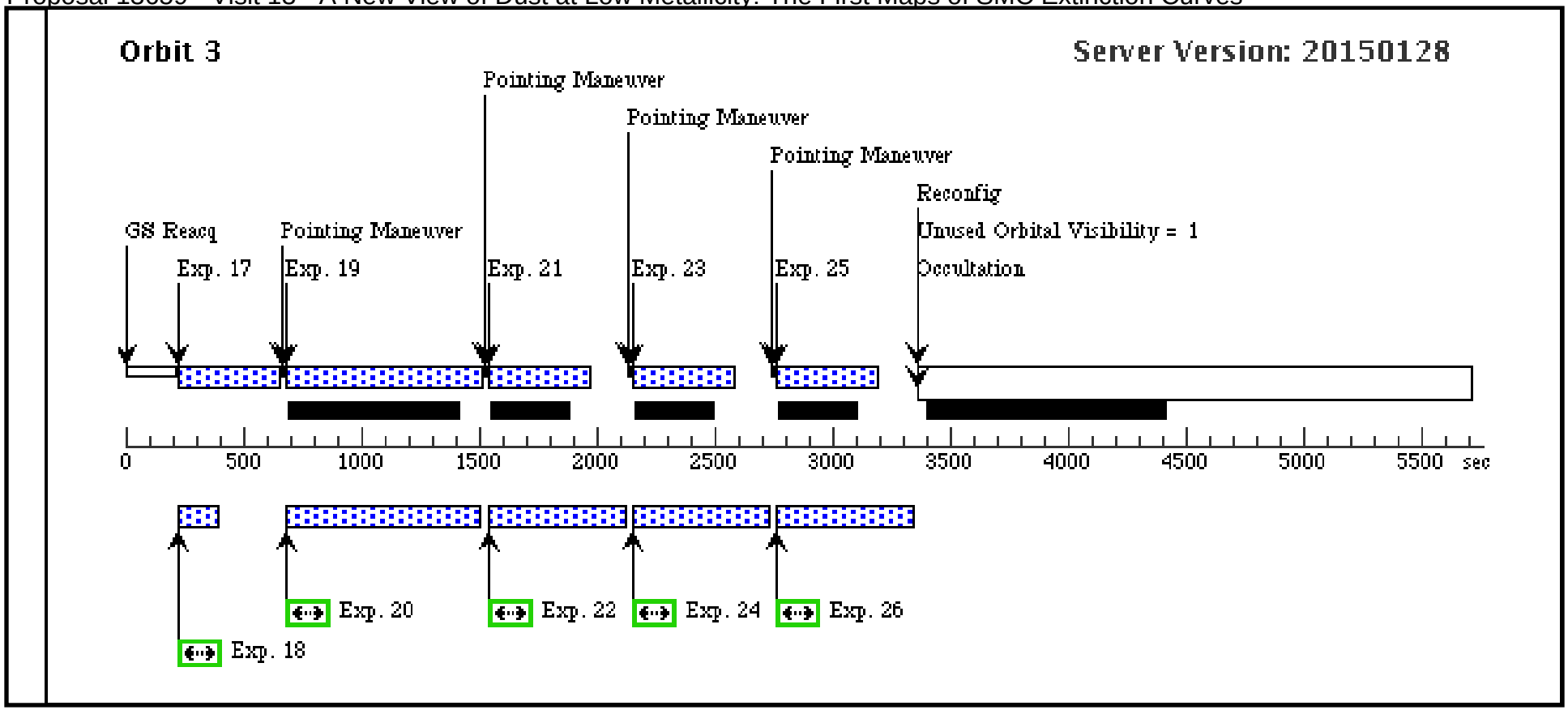
3500
4000
4500
5000
5500
secs.
Exp. 12
Exp. 14
Exp. 16
Exp. 10


Orbit 3
Server Version: 20150128
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Reconfig
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 1
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 14, scheduling Sat Apr 25 01:05:40 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 3D TO 3 D

Diagnostics

(Visit 14) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 14) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 14) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

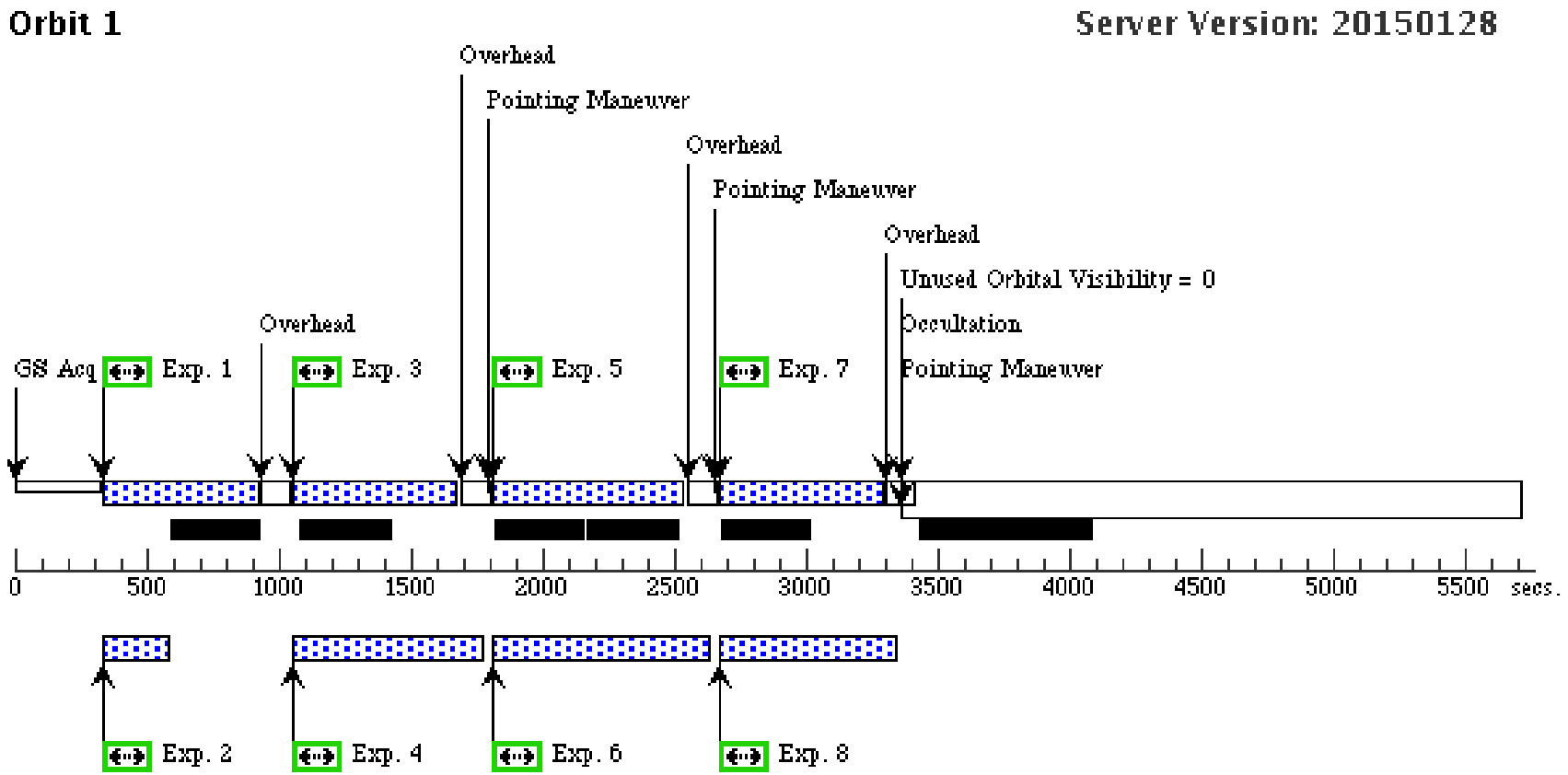
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	SMC-F03-IR	RA: 00 45 41.3365 (11.4222354d) Dec: -73 16 54.54 (-73.28182d) Equinox: J2000		V=18	Reference Frame: ICRS
(32)	SMC-F03-UVIS	RA: 00 45 41.3365 (11.4222354d) Dec: -73 16 54.54 (-73.28182d) Equinox: J2000		V=18	Reference Frame: ICRS
(53)	SMC-F06-WFC	RA: 00 44 40.2002 (11.1675008d) Dec: -73 20 57.99 (-73.34944d) Equinox: J2000		V=18	Reference Frame: ICRS

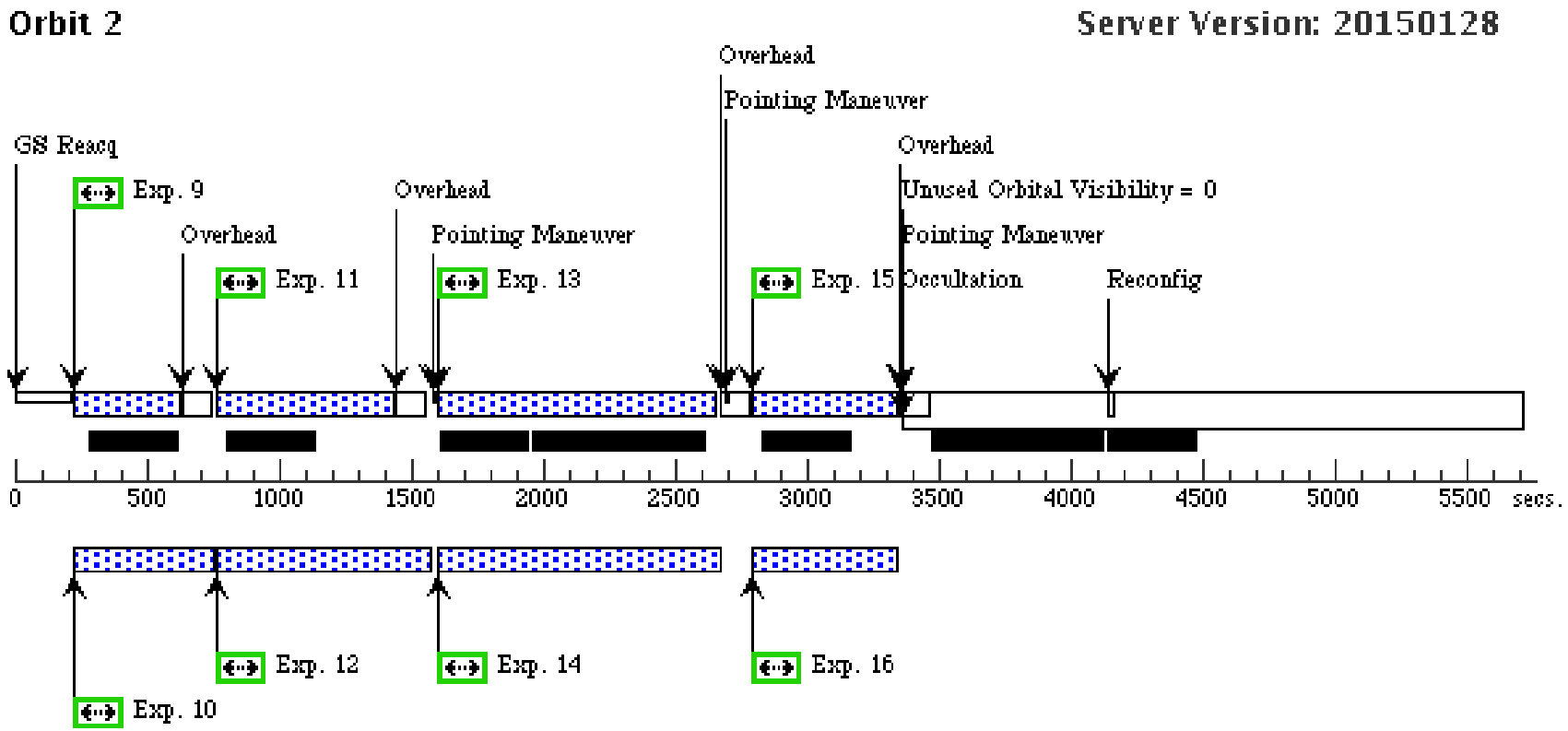
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F03-UVIS-F336W	(32) SMC-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 14	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F06-WFC-F814W	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 14	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F03-UVIS-F275W	(32) SMC-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 14	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F06-WFC-F814W	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 14	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F03-UVIS-F336W	(32) SMC-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 14	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F06-WFC-F814W	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 14	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F03-UVIS-F275W	(32) SMC-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 14	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F06-WFC-F814W	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 14	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F03-UVIS-F275W	(32) SMC-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 14	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F06-WFC-F550M	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 14	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F03-UVIS-F225W	(32) SMC-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 14	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F06-WFC-F658N	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 14	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F03-UVIS-F225W	(32) SMC-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 14	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F06-WFC-F658N	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 14	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F03-UVIS-F225W	(32) SMC-F03-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 14	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F06-WFC-F550M	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 14	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F03-IR-F160W	(14) SMC-F03-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 14	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F06-WFC-F475W	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 14	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F03-IR-F110W	(14) SMC-F03-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 14	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F06-WFC-F475W	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 14	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F03-IR-F160W	(14) SMC-F03-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 14	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F06-WFC-F475W	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 14	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F03-IR-F160W	(14) SMC-F03-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 14	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F06-WFC-F475W	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 14	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F03-IR-F160W	(14) SMC-F03-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 14	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F06-WFC-F475W	(53) SMC-F06-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 14	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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Pointing Maneuver
GS Reacq
Exp. 9
Overhead
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Unused Orbital Visibility = 0
Overhead
Pointing Maneuver
Pointing Maneuver
Exp. 11
Exp. 13
Exp. 15
Occultation
Reconfig
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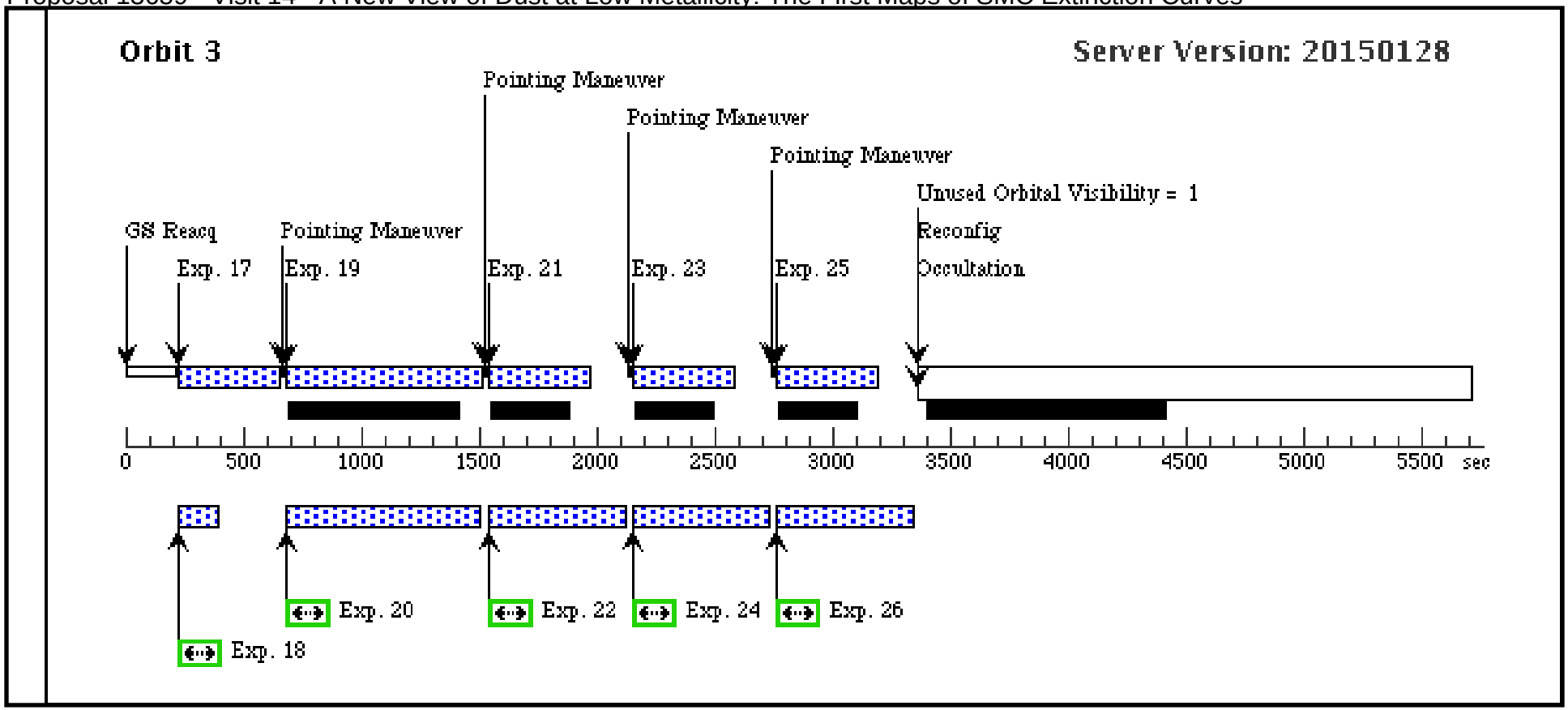
secs.
Exp. 12
Exp. 14
Exp. 16
Exp. 10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Pointing Maneuver
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Unused Orbital Visibility = 1
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Exp. 21
Exp. 23
Exp. 25
Occultation
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5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 15, completed Sat Apr 25 01:05:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 183D TO 183 D

Diagnostics

(Visit 15) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 15) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 15) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

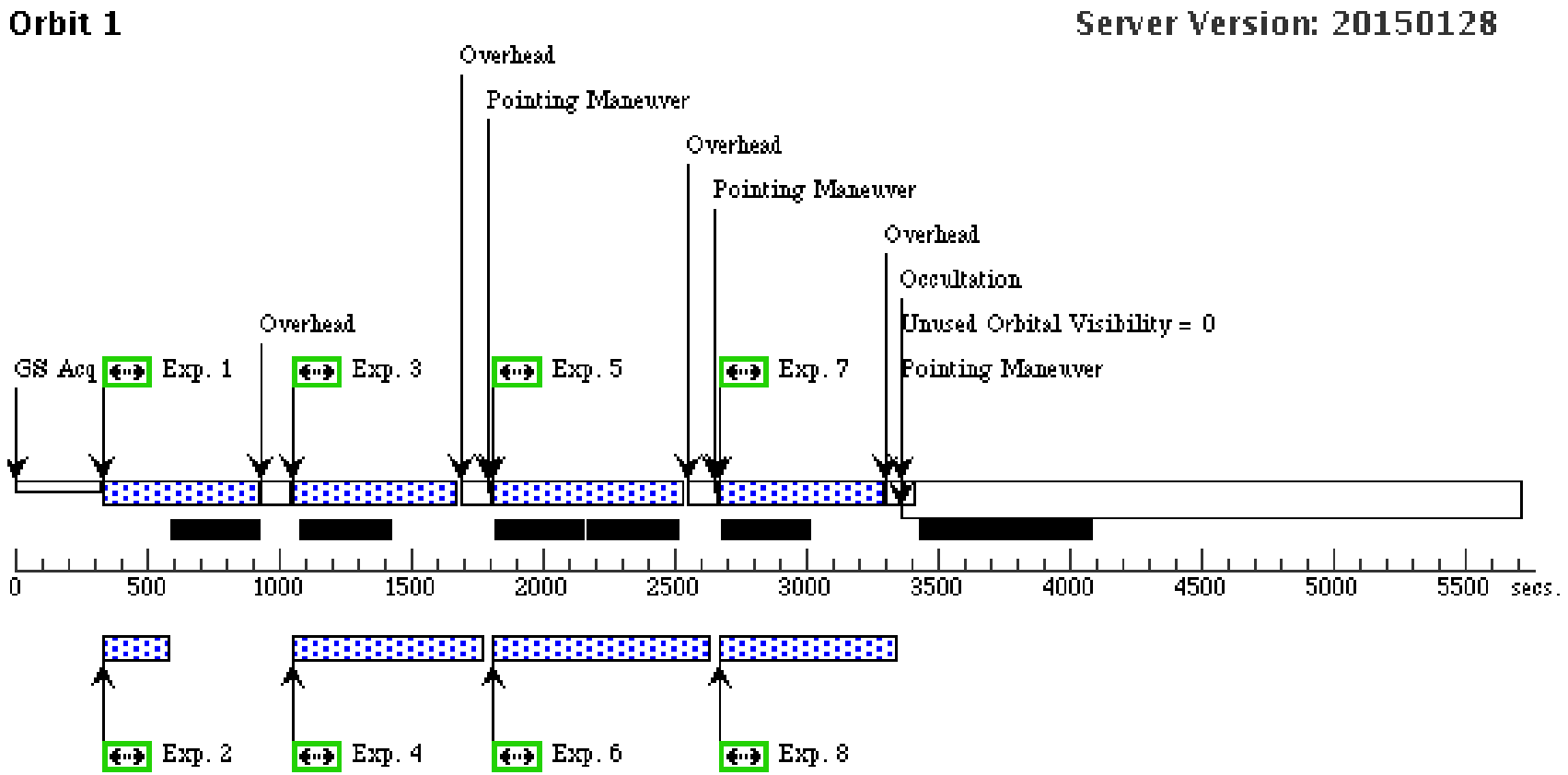
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	SMC-F04-IR	RA: 00 45 20.6309 (11.3359621d) Dec: -73 18 16.06 (-73.30446d) Equinox: J2000		V=18	Reference Frame: ICRS
(33)	SMC-F04-UVIS	RA: 00 45 20.6309 (11.3359621d) Dec: -73 18 16.06 (-73.30446d) Equinox: J2000		V=18	Reference Frame: ICRS
(54)	SMC-F01-WFC	RA: 00 46 21.8447 (11.5910196d) Dec: -73 14 12.43 (-73.23679d) Equinox: J2000		V=18	Reference Frame: ICRS

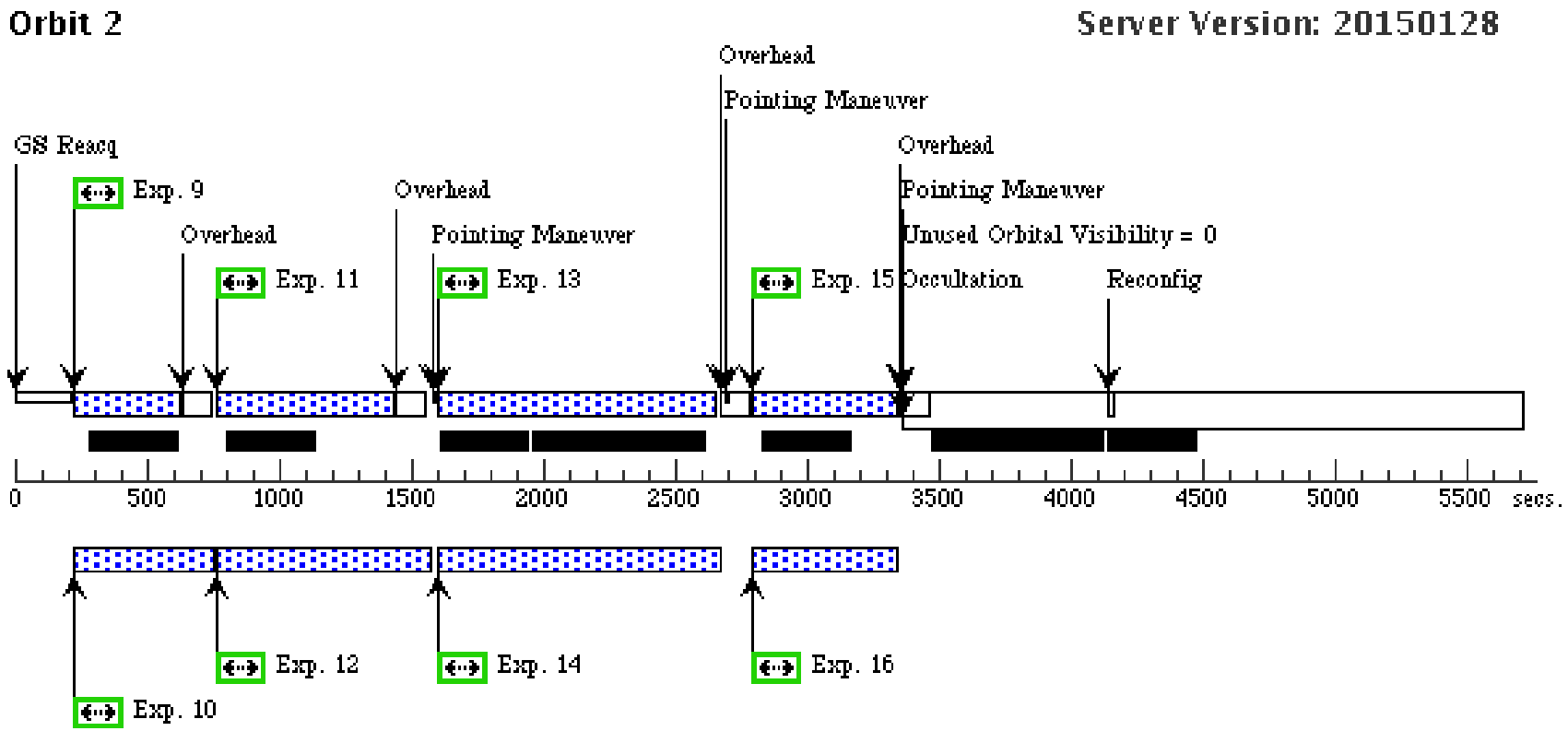
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F04-UVIS-F336W	(33) SMC-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 15	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F01-WFC-F814W	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 15	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F04-UVIS-F275W	(33) SMC-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 15	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F01-WFC-F814W	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 15	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F04-UVIS-F336W	(33) SMC-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 15	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F01-WFC-F814W	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 15	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F04-UVIS-F275W	(33) SMC-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 15	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F01-WFC-F814W	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 15	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F04-UVIS-F275W	(33) SMC-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 15	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F01-WFC-F550M	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 15	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F04-UVIS-F225W	(33) SMC-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 15	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F01-WFC-F658N	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 15	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F04-UVIS-F225W	(33) SMC-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 15	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F01-WFC-F658N	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 15	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F04-UVIS-F225W	(33) SMC-F04-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 15	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F01-WFC-F550M	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 15	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F04-IR-F160W	(15) SMC-F04-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 15	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F01-WFC-F475W	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 15	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F04-IR-F110W	(15) SMC-F04-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 15	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F01-WFC-F475W	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 15	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F04-IR-F160W	(15) SMC-F04-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 15	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F01-WFC-F475W	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 15	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F04-IR-F160W	(15) SMC-F04-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 15	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F01-WFC-F475W	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 15	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F04-IR-F160W	(15) SMC-F04-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 15	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F01-WFC-F475W	(54) SMC-F01-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 15	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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Pointing Maneuver
GS Reacq
Exp. 9
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Pointing Maneuver
Unused Orbital Visibility = 0
Exp. 11
Exp. 13
Exp. 15
Occultation
Reconfig
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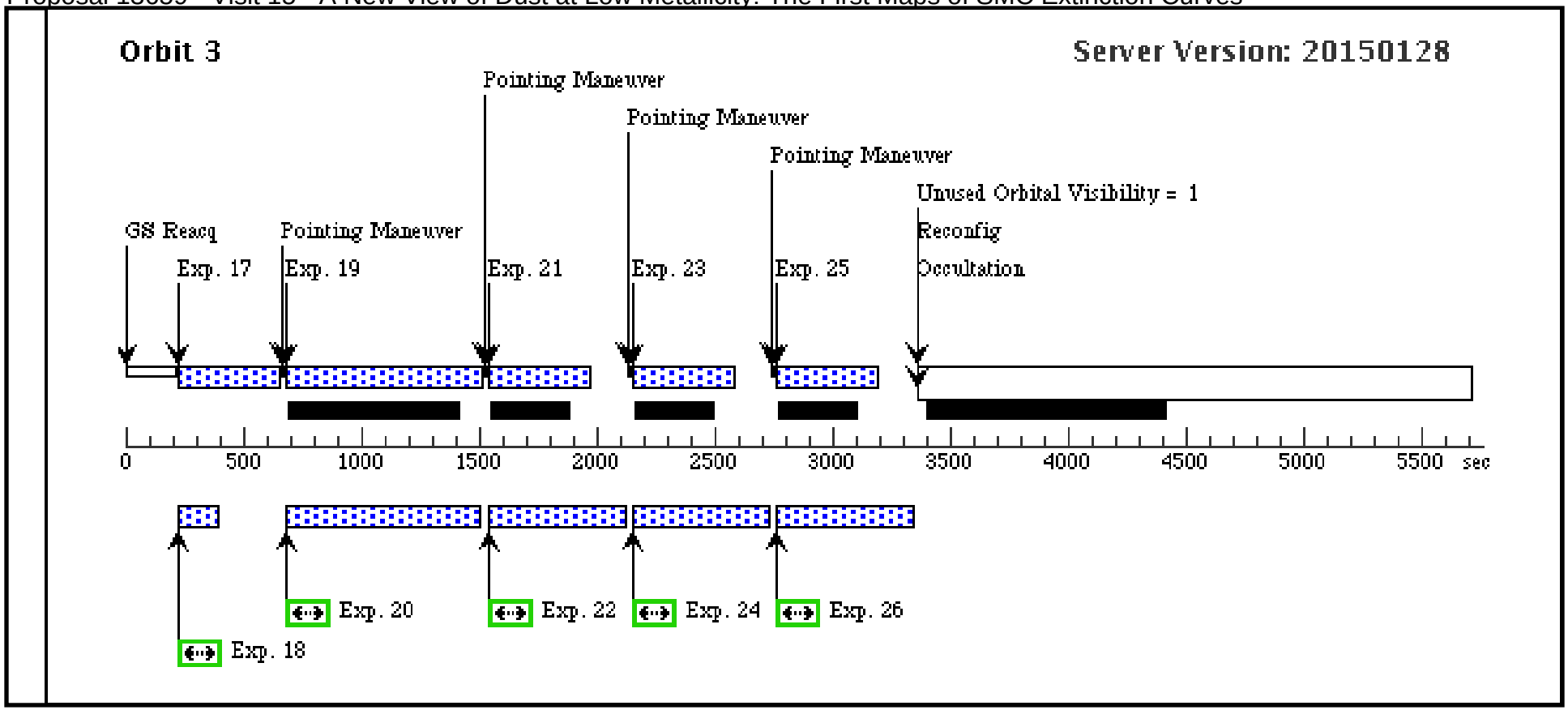
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Pointing Maneuver
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Unused Orbital Visibility = 1
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Pointing Maneuver
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sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 16, completed Sat Apr 25 01:05:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 183D TO 183 D

Diagnostics

(Visit 16) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 16) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 16) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

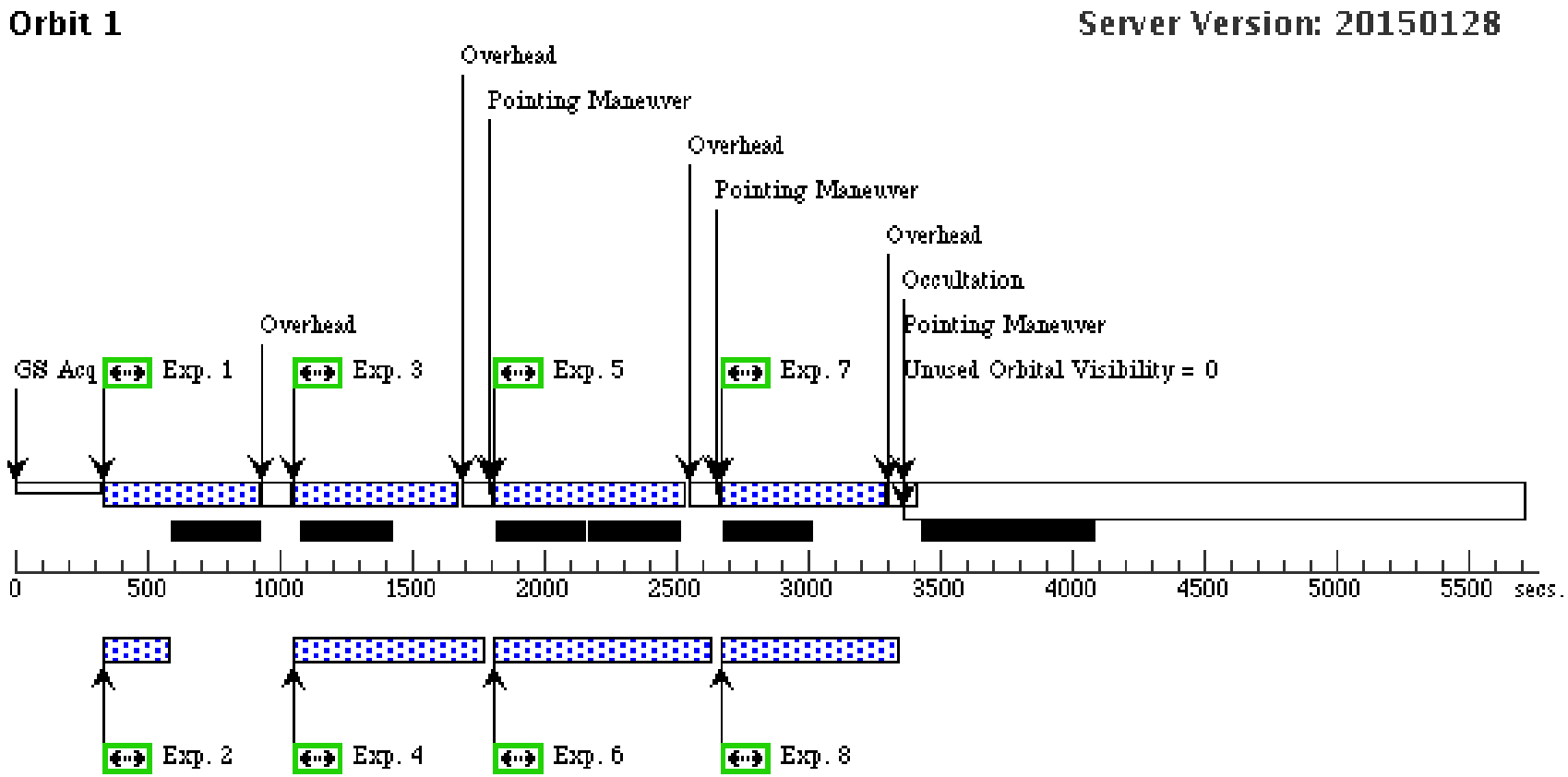
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	SMC-F05-IR	RA: 00 45 1.0526 (11.2543858d) Dec: -73 19 41.07 (-73.32808d) Equinox: J2000		V=18	Reference Frame: ICRS
(34)	SMC-F05-UVIS	RA: 00 45 1.0526 (11.2543858d) Dec: -73 19 41.07 (-73.32808d) Equinox: J2000		V=18	Reference Frame: ICRS
(49)	SMC-F02-WFC	RA: 00 46 1.7753 (11.5073971d) Dec: -73 15 35.06 (-73.25974d) Equinox: J2000		V=18	Reference Frame: ICRS

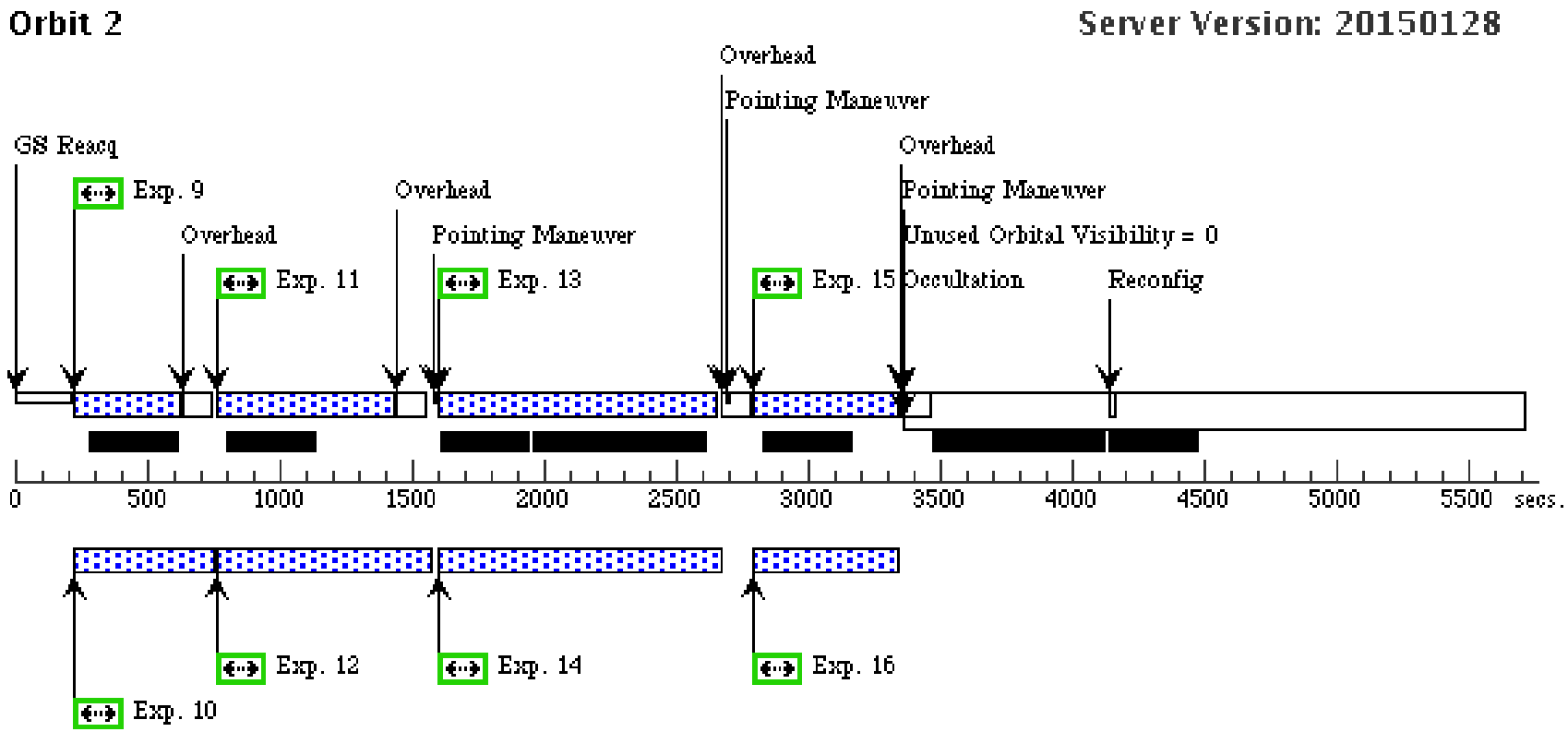
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F05-UVIS-F336W	(34) SMC-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 16	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F02-WFC-F814W	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 16	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F05-UVIS-F275W	(34) SMC-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 16	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F02-WFC-F814W	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 16	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F05-UVIS-F336W	(34) SMC-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 16	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F02-WFC-F814W	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 16	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F05-UVIS-F275W	(34) SMC-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 16	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F02-WFC-F814W	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 16	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F05-UVIS-F275W	(34) SMC-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 16	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F02-WFC-F550M	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 16	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F05-UVIS-F225W	(34) SMC-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 16	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F02-WFC-F658N	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 16	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F05-UVIS-F225W	(34) SMC-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 16	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F02-WFC-F658N	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 16	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F05-UVIS-F225W	(34) SMC-F05-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 16	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F02-WFC-F550M	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 16	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F05-IR-F160W	(16) SMC-F05-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 16	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F02-WFC-F475W	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 16	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F05-IR-F110W	(16) SMC-F05-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 16	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F02-WFC-F475W	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 16	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F05-IR-F160W	(16) SMC-F05-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 16	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F02-WFC-F475W	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 16	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F05-IR-F160W	(16) SMC-F05-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 16	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F02-WFC-F475W	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 16	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F05-IR-F160W	(16) SMC-F05-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 16	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F02-WFC-F475W	(49) SMC-F02-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 16	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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GS Reacq
Exp. 9
Overhead
Exp. 11
Overhead
Pointing Maneuver
Exp. 13
Overhead
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Exp. 15
Overhead
Pointing Maneuver
Unused Orbital Visibility = 0
Occultation
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
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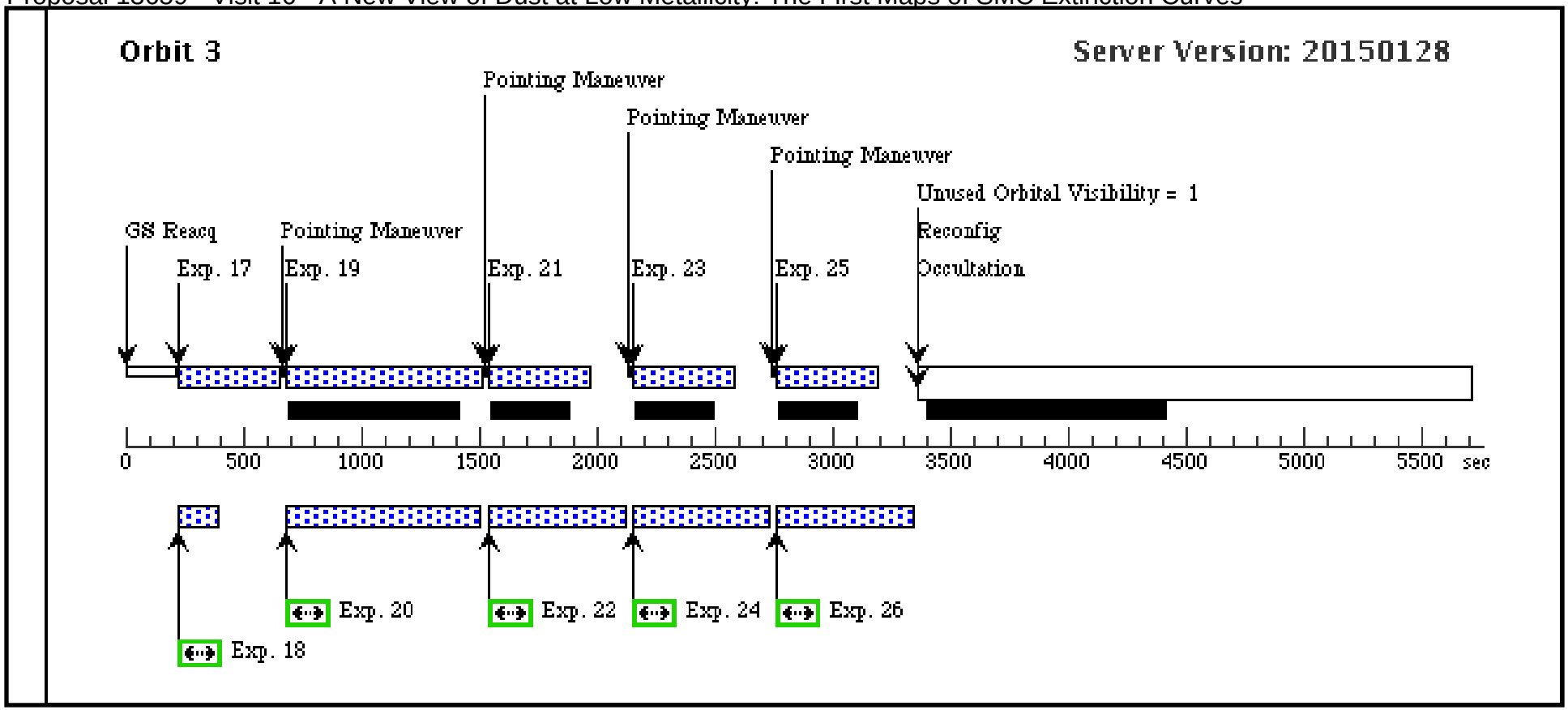
secs.
Exp. 12
Exp. 14
Exp. 16
Exp. 10


Orbit 3
Server Version: 20150128
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 1
GS Reacq
Pointing Maneuver
Reconfig
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Proposal 13659 - Visit 17 - A New View of Dust at Low Metallicity: The First Maps of SMC Extinction Curves

Visit

Proposal 13659, Visit 17, completed Sat Apr 25 01:05:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 183D TO 183 D

Diagnostics

(Visit 17) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 17) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 17) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

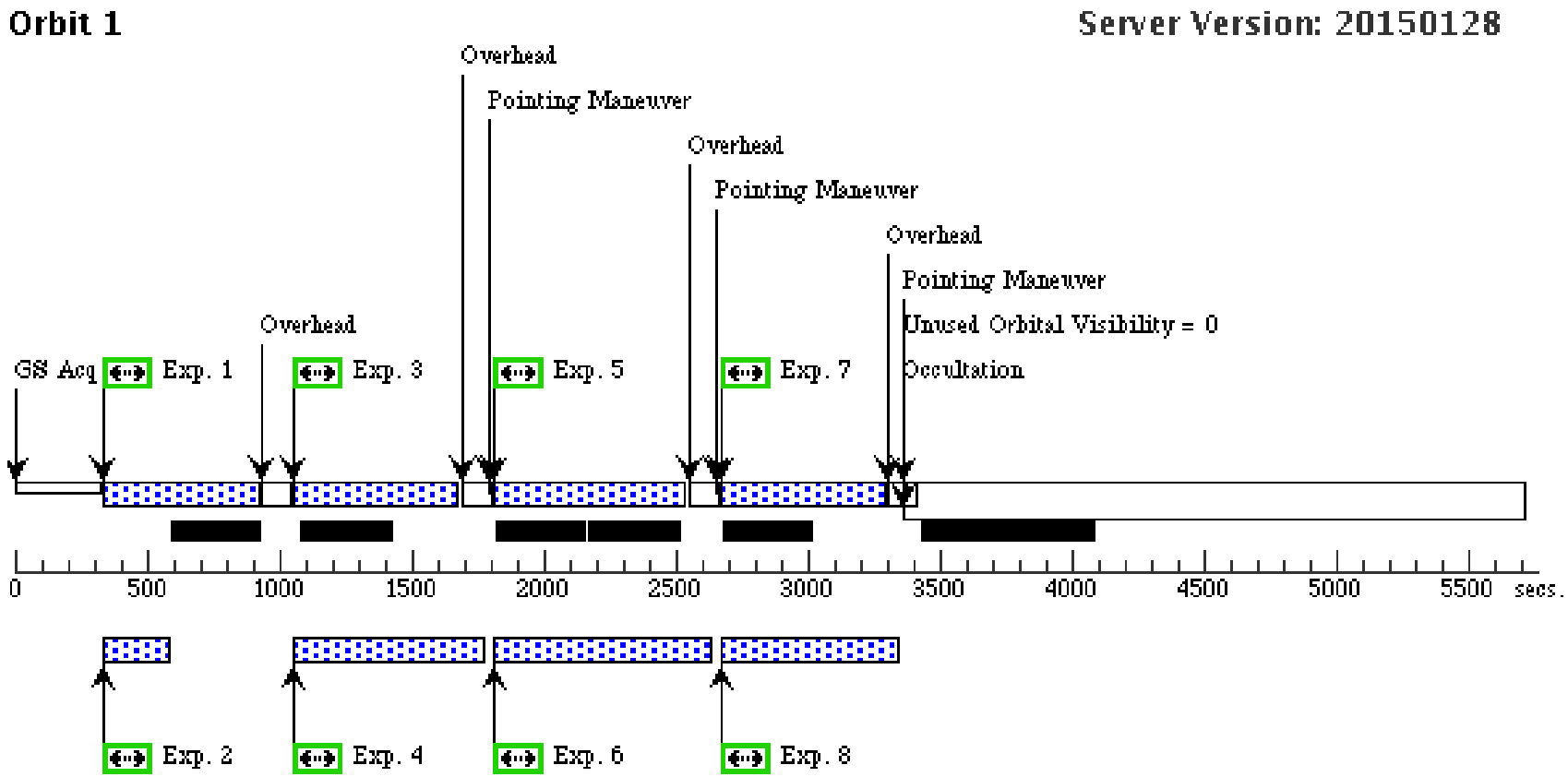
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(17)	SMC-F06-IR	RA: 00 44 40.2002 (11.1675008d) Dec: -73 20 57.99 (-73.34944d) Equinox: J2000		V=18	Reference Frame: ICRS
(35)	SMC-F06-UVIS	RA: 00 44 40.2002 (11.1675008d) Dec: -73 20 57.99 (-73.34944d) Equinox: J2000		V=18	Reference Frame: ICRS
(50)	SMC-F03-WFC	RA: 00 45 41.3365 (11.4222354d) Dec: -73 16 54.54 (-73.28182d) Equinox: J2000		V=18	Reference Frame: ICRS

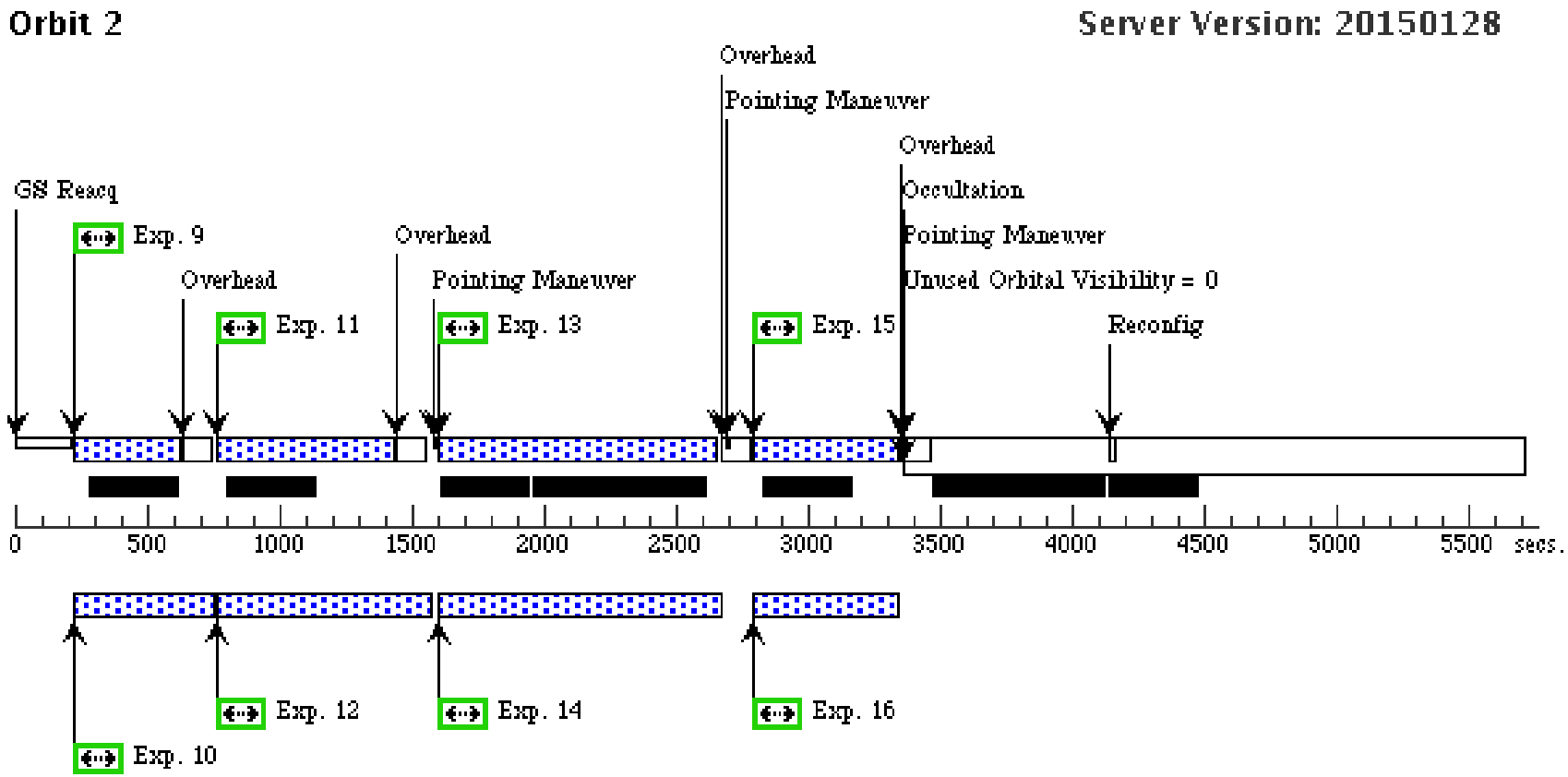
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F06-UVIS-F336W	(35) SMC-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 17	556 Secs (556 Secs) *[==>]*	*[1]*
2	SMC-F03-WFC-F814W	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 17	10 Secs (10 Secs) *[==>]*	*[1]*
3	SMC-F06-UVIS-F275W	(35) SMC-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 17	600 Secs (600 Secs) *[==>]*	*[1]*
4	SMC-F03-WFC-F814W	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 17	600 Secs (600 Secs) *[==>]*	*[1]*
5	SMC-F06-UVIS-F336W	(35) SMC-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 17	700 Secs (700 Secs) *[==>]*	*[1]*
6	SMC-F03-WFC-F814W	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 17	700 Secs (700 Secs) *[==>]*	*[1]*
7	SMC-F06-UVIS-F275W	(35) SMC-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 17	600 Secs (600 Secs) *[==>]*	*[1]*
8	SMC-F03-WFC-F814W	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 17	550 Secs (550 Secs) *[==>]*	*[1]*
9	SMC-F06-UVIS-F275W	(35) SMC-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 17	400 Secs (400 Secs) *[==>]*	*[2]*
10	SMC-F03-WFC-F550M	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 17	350 Secs (350 Secs) *[==>]*	*[2]*
11	SMC-F06-UVIS-F225W	(35) SMC-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 17	650 Secs (650 Secs) *[==>]*	*[2]*
12	SMC-F03-WFC-F658N	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 17	650 Secs (650 Secs) *[==>]*	*[2]*
13	SMC-F06-UVIS-F225W	(35) SMC-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 17	1050 Secs (1050 Secs) *[==>]*	*[2]*
14	SMC-F03-WFC-F658N	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 17	950 Secs (950 Secs) *[==>]*	*[2]*
15	SMC-F06-UVIS-F225W	(35) SMC-F06-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 17	550 Secs (550 Secs) *[==>]*	*[2]*
16	SMC-F03-WFC-F550M	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 17	392 Secs (392 Secs) *[==>]*	*[2]*
17	SMC-F06-IR-F160W	(17) SMC-F06-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 17	399.231067 Secs (399.231 Secs) *[==>]*	*[3]*
18	SMC-F03-WFC-F475W	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 17	5 Secs (5 Secs) *[==>]*	*[3]*
19	SMC-F06-IR-F110W	(17) SMC-F06-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 17	799.231201 Secs (799.231 Secs) *[==>]*	*[3]*

	20	SMC-F03-WFC-F475W	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 17	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F06-IR-F160W	(17) SMC-F06-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 17	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F03-WFC-F475W	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 17	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F06-IR-F160W	(17) SMC-F06-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 17	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F03-WFC-F475W	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 17	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F06-IR-F160W	(17) SMC-F06-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 17	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F03-WFC-F475W	(50) SMC-F03-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 17	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure

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Pointing Maneuver
Overhead
Occultation
Pointing Maneuver
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Exp. 9
Overhead
Overhead
Pointing Maneuver
Exp. 11
Exp. 13
Exp. 15
Reconfig
0
500
1000
1500
2000
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3500
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4500
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secs.
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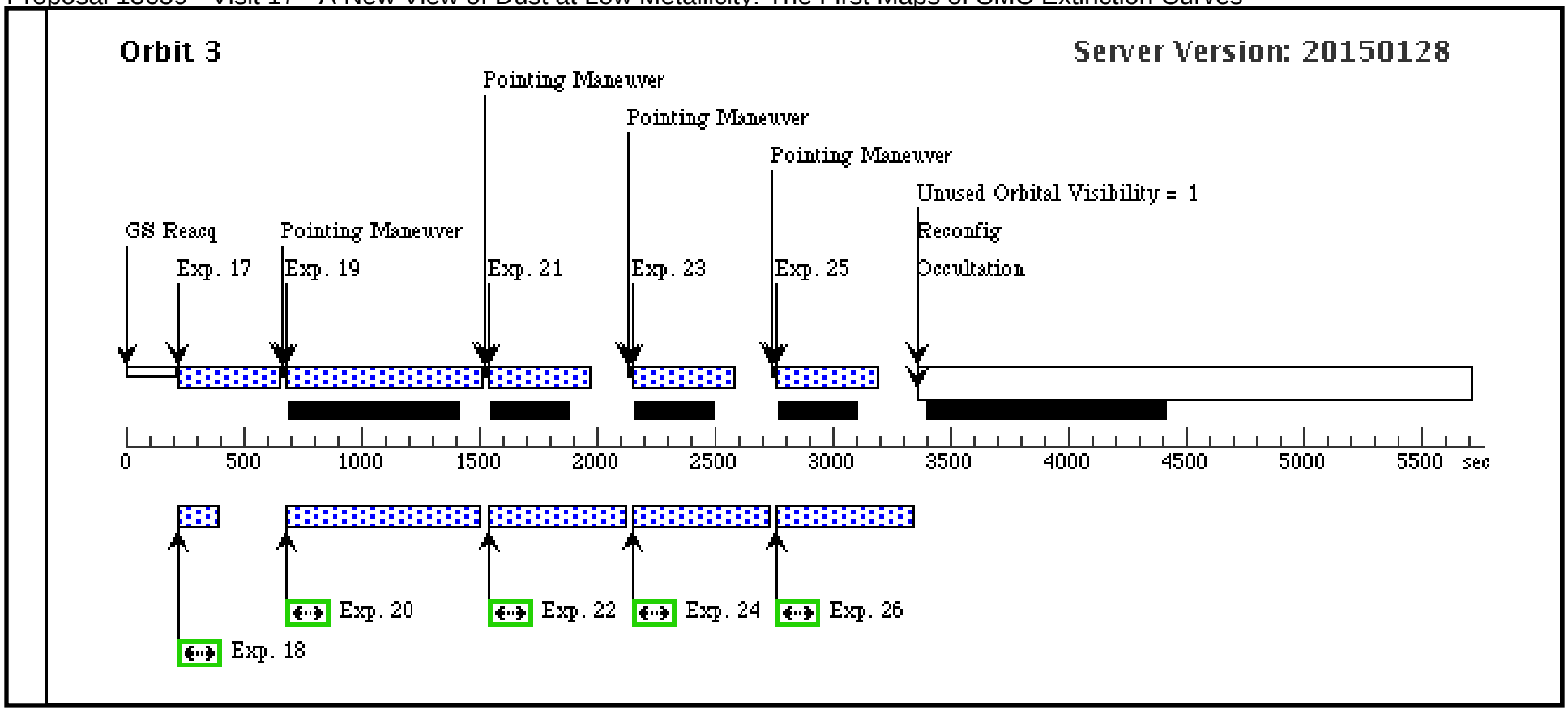
Exp. 10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Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
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GS Reacq
Pointing Maneuver
Reconfig
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18

Visit

Proposal 13659, Visit 18, scheduling Sat Apr 25 01:05:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, WFC3/UVIS, ACS/WFC

Special Requirements: SCHED 60%; ORIENT 3D TO 3 D

Diagnostics

(Visit 18) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 18) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

(Visit 18) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

Fixed Targets

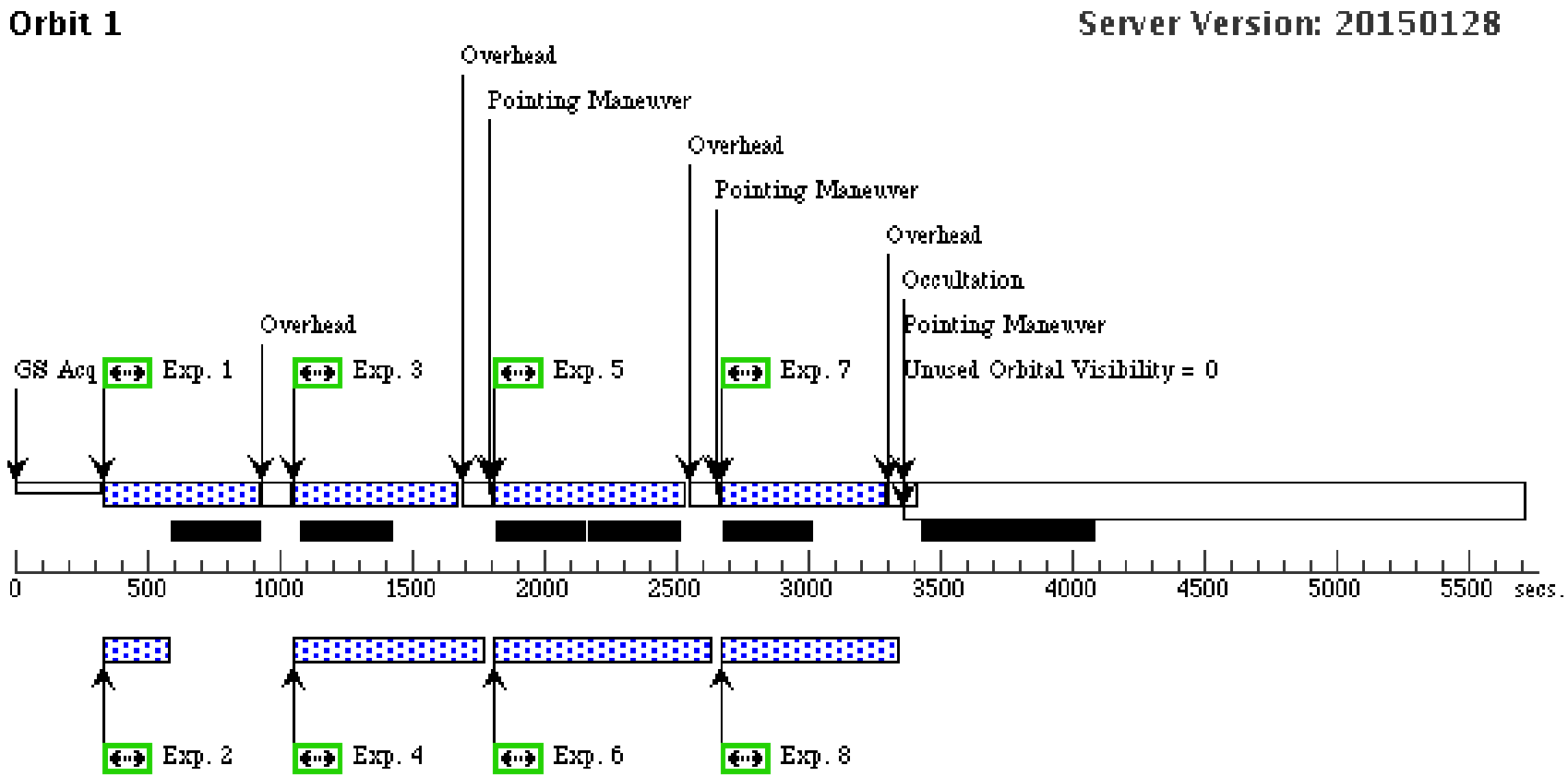
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	SMC-F01-IR	RA: 00 46 21.8447 (11.5910196d) Dec: -73 14 12.43 (-73.23679d) Equinox: J2000		V=18	Reference Frame: ICRS
(36)	SMC-F01-UVIS	RA: 00 46 21.8447 (11.5910196d) Dec: -73 14 12.43 (-73.23679d) Equinox: J2000		V=18	Reference Frame: ICRS
(51)	SMC-F04-WFC	RA: 00 45 20.6309 (11.3359621d) Dec: -73 18 16.06 (-73.30446d) Equinox: J2000		V=18	Reference Frame: ICRS

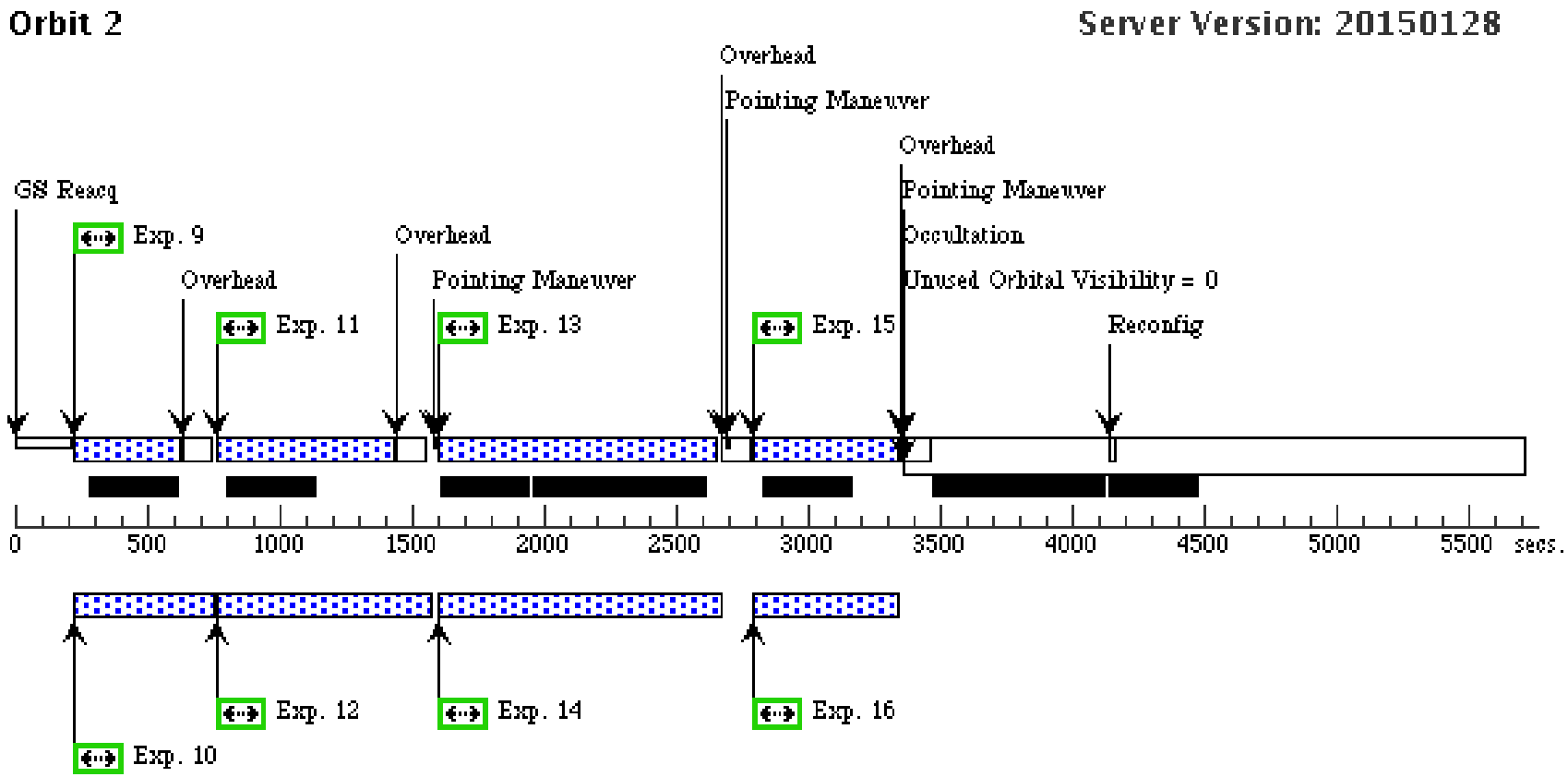
Exposures

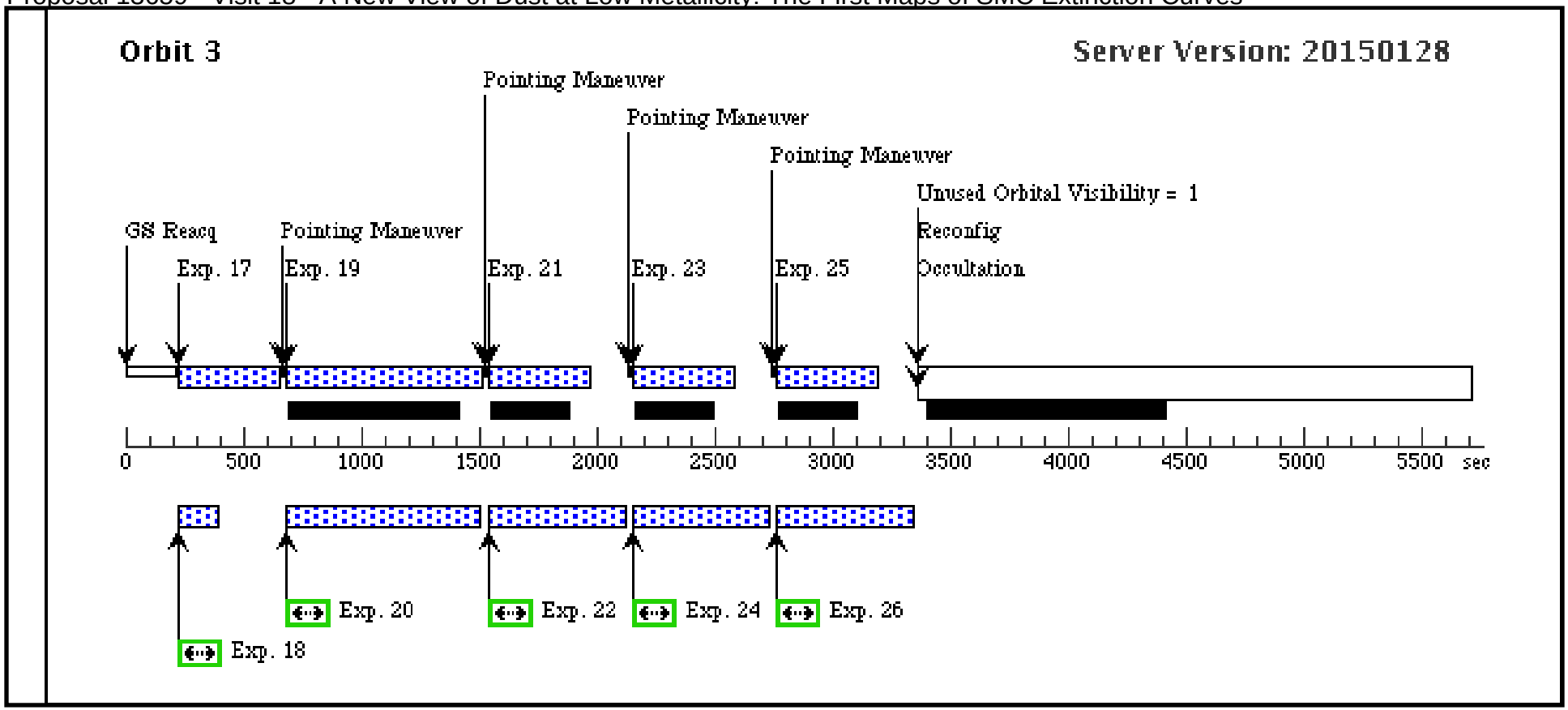
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SMC-F01-UVIS-F336W	(36) SMC-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.655,2.96; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 18	556 Secs (556 Secs)	
								[==>]	***[1]***
2	SMC-F04-WFC-F814W	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 1-2 in Visit 18	10 Secs (10 Secs)	
								[==>]	***[1]***
3	SMC-F01-UVIS-F275W	(36) SMC-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 3-4 in Visit 18	600 Secs (600 Secs)	
								[==>]	***[1]***
4	SMC-F04-WFC-F814W	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 3-4 in Visit 18	600 Secs (600 Secs)	
								[==>]	***[1]***
5	SMC-F01-UVIS-F336W	(36) SMC-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F336W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 5-6 in Visit 18	700 Secs (700 Secs)	
								[==>]	***[1]***
6	SMC-F04-WFC-F814W	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Visit 18	700 Secs (700 Secs)	
								[==>]	***[1]***
7	SMC-F01-UVIS-F275W	(36) SMC-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 7-8 in Visit 18	600 Secs (600 Secs)	
								[==>]	***[1]***
8	SMC-F04-WFC-F814W	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in Visit 18	550 Secs (550 Secs)	
								[==>]	***[1]***
9	SMC-F01-UVIS-F275W	(36) SMC-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F275W	CR-SPLIT=NO; FLASH=12	POS TARG 1.655,2.96	Prime + Parallel Group 9-10 in Visit 18	400 Secs (400 Secs)	
								[==>]	***[2]***
10	SMC-F04-WFC-F550M	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 9-10 in Visit 18	350 Secs (350 Secs)	
								[==>]	***[2]***
11	SMC-F01-UVIS-F225W	(36) SMC-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.655,2.96	Prime + Parallel Group 11-12 in Visit 18	650 Secs (650 Secs)	
								[==>]	***[2]***
12	SMC-F04-WFC-F658N	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 11-12 in Visit 18	650 Secs (650 Secs)	
								[==>]	***[2]***
13	SMC-F01-UVIS-F225W	(36) SMC-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=10	POS TARG 1.634,4.882	Prime + Parallel Group 13-14 in Visit 18	1050 Secs (1050 Secs)	
								[==>]	***[2]***
14	SMC-F04-WFC-F658N	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F658N			Prime + Parallel Group 13-14 in Visit 18	950 Secs (950 Secs)	
								[==>]	***[2]***
15	SMC-F01-UVIS-F225W	(36) SMC-F01-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F225W	CR-SPLIT=NO; FLASH=11	POS TARG 1.525,4.882	Prime + Parallel Group 15-16 in Visit 18	550 Secs (550 Secs)	
								[==>]	***[2]***
16	SMC-F04-WFC-F550M	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F550M			Prime + Parallel Group 15-16 in Visit 18	392 Secs (392 Secs)	
								[==>]	***[2]***
17	SMC-F01-IR-F160W	(18) SMC-F01-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0,0	Prime + Parallel Group 17-18 in Visit 18	399.231067 Secs (399.231 Secs)	
								[==>]	***[3]***
18	SMC-F04-WFC-F475W	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 17-18 in Visit 18	5 Secs (5 Secs)	
								[==>]	***[3]***
19	SMC-F01-IR-F110W	(18) SMC-F01-IR	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=11; SAMP-SEQ=STEP200	POS TARG 0.187,0.086	Prime + Parallel Group 19-20 in Visit 18	799.231201 Secs (799.231 Secs)	
								[==>]	***[3]***

	20	SMC-F04-WFC-F475W	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 19-20 in Visit 18	700 Secs (700 Secs) *[==>]*	 ***[3]***
	21	SMC-F01-IR-F160W	(18) SMC-F01-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.206,0.171	Prime + Parallel Group 21-22 in Visit 18	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	22	SMC-F04-WFC-F475W	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 21-22 in Visit 18	454 Secs (454 Secs) *[==>]*	 ***[3]***
	23	SMC-F01-IR-F160W	(18) SMC-F01-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=9; SAMP-SEQ=STEP200	POS TARG 0.263,0.188	Prime + Parallel Group 23-24 in Visit 18	399.231067 Secs (399.231 Secs) *[==>]*	 ***[3]***
	24	SMC-F04-WFC-F475W	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 23-24 in Visit 18	454 Secs (454 Secs) *[==>]*	 ***[3]***
	25	SMC-F01-IR-F160W	(18) SMC-F01-IR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP100	POS TARG 0.204,-0.001	Prime + Parallel Group 25-26 in Visit 18	399.231646 Secs (399.232 Secs) *[==>]*	 ***[3]***
	26	SMC-F04-WFC-F475W	(51) SMC-F04-WFC	ACS/WFC, ACCUM, WFC	F475W			Prime + Parallel Group 25-26 in Visit 18	454 Secs (454 Secs) *[==>]*	 ***[3]***

Orbit Structure




Orbit 2
Server Version: 20150128
Overhead
Pointing Maneuver
Overhead
Pointing Maneuver
Occultation
Unused Orbital Visibility = 0
GS Reacq
Exp. 9
Overhead
Exp. 11
Overhead
Pointing Maneuver
Exp. 13
Exp. 15
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 12
Exp. 14
Exp. 16
Exp. 10


Orbit 3
Server Version: 20150128
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 1
GS Reacq
Pointing Maneuver
Reconfig
Exp. 17
Exp. 19
Exp. 21
Exp. 23
Exp. 25
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 20
Exp. 22
Exp. 24
Exp. 26
Exp. 18