13691 - CHP-II: The Carnegie Hubble Program to Measure Ho to 3% Using Population II

Cycle: 22, Proposal Category: GO

(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	(26) V-RR-LYR	WFC3/IR	1	27-Aug-2015 21:05:41.0	yes
02	(15) SU-DRA	WFC3/IR	1	27-Aug-2015 21:05:49.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
03	(16) XZ-CYG	WFC3/IR	1	27-Aug-2015 21:05:56.0	yes
04	(21) V-RZ-CEP	WFC3/IR	1	27-Aug-2015 21:06:03.0	yes
05	(17) UV-OCT	WFC3/IR	1	27-Aug-2015 21:06:10.0	yes
06	(17) UV-OCT	WFC3/IR	1	27-Aug-2015 21:06:16.0	yes
07	(1) IC-1613-FIELD1 (28) IC-1613-FIELD2	ACS/WFC WFC3/IR	6	27-Aug-2015 21:06:25.0	yes
08	(1) IC-1613-FIELD1 (28) IC-1613-FIELD2	ACS/WFC WFC3/IR	6	27-Aug-2015 21:06:38.0	yes
09	(3) MESSIER-031-FIELD1 (29) MESSIER-031-FIELD2	ACS/WFC WFC3/IR	6	27-Aug-2015 21:06:49.0	yes
10	(3) MESSIER-031-FIELD1 (29) MESSIER-031-FIELD2	ACS/WFC WFC3/IR	6	27-Aug-2015 21:06:59.0	yes
11	(20) MESSIER-032-FIELD1 (31) MESSIER-032-FIELD2	ACS/WFC WFC3/IR	6	27-Aug-2015 21:07:10.0	yes
12	(20) MESSIER-032-FIELD1 (31) MESSIER-032-FIELD2	ACS/WFC WFC3/IR	6	27-Aug-2015 21:07:22.0	yes
13	(2) M-33-FIELD1 (32) M-33-FIELD2	ACS/WFC WFC3/IR	6	27-Aug-2015 21:07:32.0	yes
14	(2) M-33-FIELD1 (32) M-33-FIELD2	ACS/WFC WFC3/IR	6	27-Aug-2015 21:07:43.0	yes
15	(19) FORNAX-FIELD1	ACS/WFC WFC3/IR	1	27-Aug-2015 21:07:47.0	yes
16	(19) FORNAX-FIELD1	ACS/WFC WFC3/IR	1	27-Aug-2015 21:07:48.0	yes
17	(33) FORNAX-FIELD2	ACS/WFC WFC3/IR	1	27-Aug-2015 21:07:49.0	yes
18	(18) SCULPTOR-FIELD1 (35) SCULPTOR-FIELD2	ACS/WFC WFC3/IR	1	27-Aug-2015 21:07:51.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
19	(36) SCULPTOR-FIELD3 (37) SCULPTOR-FIELD4	ACS/WFC WFC3/IR	1	27-Aug-2015 21:07:53.0	yes
20	(11) MESSIER-101	ACS/WFC WFC3/IR	3	27-Aug-2015 21:07:55.0	yes
21	(9) MESSIER-066	ACS/WFC WFC3/IR	3	27-Aug-2015 21:07:57.0	yes
22	(10) MESSIER-096	ACS/WFC WFC3/IR	4	27-Aug-2015 21:07:59.0	yes
23	(5) NGC-4536	ACS/WFC WFC3/IR	6	27-Aug-2015 21:08:03.0	yes
24	(6) NGC-4526	ACS/WFC WFC3/IR	6	27-Aug-2015 21:08:09.0	yes
25	(8) NGC-4424	ACS/WFC WFC3/IR	6	27-Aug-2015 21:08:13.0	yes
26	(7) NGC-1448	ACS/WFC WFC3/IR	6	27-Aug-2015 21:08:18.0	yes
27	(7) NGC-1448	ACS/WFC WFC3/IR	5	27-Aug-2015 21:08:21.0	yes
28	(12) NGC-1365	ACS/WFC WFC3/IR	6	27-Aug-2015 21:08:26.0	yes
29	(12) NGC-1365	ACS/WFC WFC3/IR	5	27-Aug-2015 21:08:30.0	yes
30	(12) NGC-1365	ACS/WFC WFC3/IR	5	27-Aug-2015 21:08:34.0	yes
37	(4) NGC-1316	ACS/WFC WFC3/IR	6	27-Aug-2015 21:08:38.0	yes
32	(4) NGC-1316	ACS/WFC WFC3/IR	5	27-Aug-2015 21:08:42.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
36	(4) NGC-1316	ACS/WFC WFC3/IR	5	27-Aug-2015 21:08:46.0	yes
34	(14) OMEGA-CEN-FIELD1	WFC3/IR	1	27-Aug-2015 21:08:49.0	yes
35	(27) OMEGA-CEN-FIELD2	WFC3/IR	1	27-Aug-2015 21:08:52.0	yes

132 Total Orbits Used

ABSTRACT

There has been great progress in the measurement of cosmological parameters in recent years, but controversy has arisen over the Planck/WMAP versus the direct measurement of the Hubble constant. The goal of our Carnegie Hubble Program (CHP) is to obtain a direct measure of Ho to 3%. In CHP I, we used Cepheid variables to calibrate the extragalactic distance scale. In the second phase, CHP II, we are establishing a completely independent route to Ho using RR Lyrae variables, the tip of the red giant branch (TRGB) and Type Ia supernovae (SNe Ia). Not only is the RR Lyrae route independent of the Cepheids, but its PL relation has a scatter that is a factor of 2 smaller. Unlike the Cepheids, the RR Lyrae / TRGB distance scale can be applied to both elliptical and spiral galaxies. This is a great systematic advantage, given the small number of galaxies (9 in total) close enough to have measured Cepheid calibrators within the SNIa hosts. By providing a new calibration using a Pop II distance scale, we will immediately double the number of SN Ia distances based on geometry, linking to over 200 SNe in the pure Hubble flow out to z = 0.7. Four calibrators containing both Cepheids and TRGB stars provide an important cross-check on systematics. Initially, the accuracy of our value of Ho will be set by four galactic RR Lyrae calibrators with HST/FGS parallaxes. With Gaia, both the RR Lyrae zero point and TRGB method will be independently calibrated with at least an order of magnitude more calibrators, each having precisions of 1% or better. This will allow the highest accuracy measurement of Ho to date using the "Distance Ladder" method.

OBSERVING DESCRIPTION

CHP II

Visit

Proposal 13691, RR Lyr (01), scheduling Fri Aug 28 01:08:55 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 45D TO 45 D; Period 0.566805 D AND ZERO-PHASE HJD2456574.29999

Comments: Need Drop to Gyro after Exposure 9 for drift scan obs.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(8)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(26)	V-RR-LYR	RA: 19 25 27.9128 (291.3663033d) Dec: +42 47 3.69 (42.78436d) Equinox: J2000		V=7.13	Reference Frame: SIMBAD

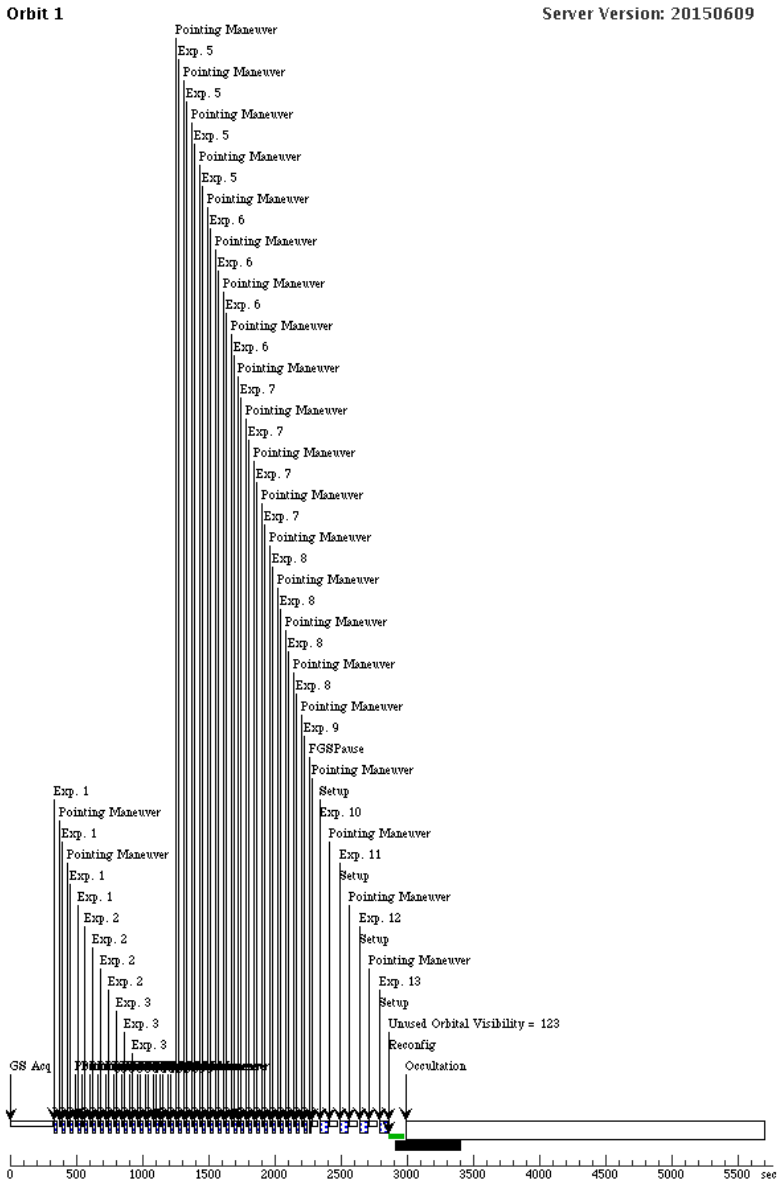
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1	PHASE 0.4 TO 0.6	Pattern 8, Exps 1-1 in RR Lyr (01) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
2		(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 2-2 in RR Lyr (01) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
3		(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 3-3 in RR Lyr (01) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
4		(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 4-4 in RR Lyr (01) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
5		(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 5-5 in RR Lyr (01) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
6		(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 6-6 in RR Lyr (01) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
7		(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 7-7 in RR Lyr (01) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
8		(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 8-8 in RR Lyr (01) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
9		(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IRSUB256	F160W	SAMP-SEQ=RAPID ; NSAMP=1			0.277815 Secs (0.278 Secs) *[==>]*	***[1]***

	10	(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,-30; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	11	(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,-15; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	12	(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,15; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	13	(26) V-RR-LYR	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,-30; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 13691, SU Dra (02), completed Fri Aug 28 01:08:56 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 45D TO 45 D; Period 0.660419 D AND ZERO-PHASE HJD2456844.8604

Comments: Need Drop to Gyro after Exposure 9 for drift scan obs.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(8)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(15)	SU-DRA	RA: 11 37 56.6074 (174.4858642d) Dec: +67 19 47.06 (67.32974d) Equinox: J2000		V=9.27	Reference Frame: SIMBAD

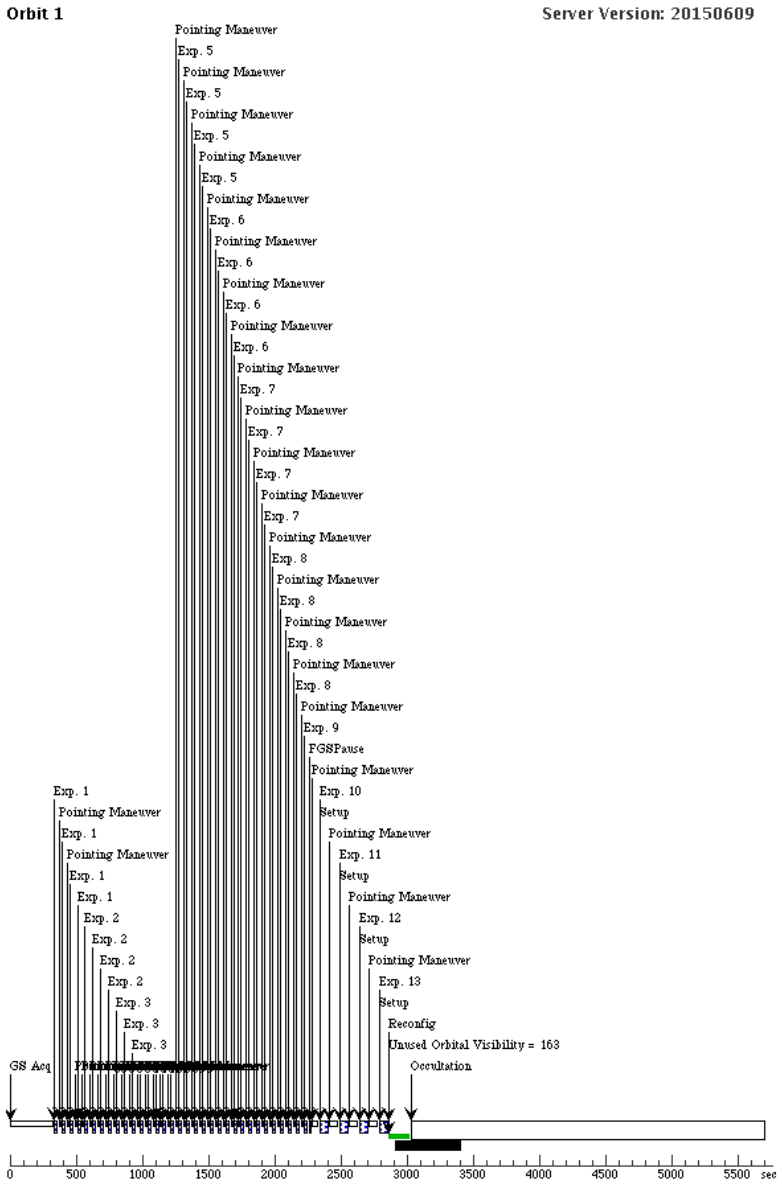
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(15) SU-DRA	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1	PHASE 0.4 TO 0.6	Pattern 8, Exps 1-1 in SU Dra (02) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
2		(15) SU-DRA	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 2-2 in SU Dra (02) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
3		(15) SU-DRA	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 3-3 in SU Dra (02) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
4		(15) SU-DRA	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 4-4 in SU Dra (02) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
5		(15) SU-DRA	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 5-5 in SU Dra (02) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
6		(15) SU-DRA	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 6-6 in SU Dra (02) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
7		(15) SU-DRA	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 7-7 in SU Dra (02) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
8		(15) SU-DRA	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 8-8 in SU Dra (02) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
9		(15) SU-DRA	WFC3/IR, MULTIACCUM, IRSUB256	F160W	SAMP-SEQ=RAPID ; NSAMP=1			0.277815 Secs (0.278 Secs) *[==>]*	***[1]***

	10	(15) SU-DRA	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,30; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	11	(15) SU-DRA	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,15; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	12	(15) SU-DRA	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,-15; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	13	(15) SU-DRA	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,-30; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 13691, XZ Cyg (03), scheduling Fri Aug 28 01:08:56 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 45D TO 45 D; Period 0.466579 D AND ZERO-PHASE HJD2456657.65842

Comments: Need Drop to Gyro after Exposure 9 for drift scan obs.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(8)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(16)	XZ-CYG	RA: 19 32 29.3049 (293.1221038d) Dec: +56 23 17.49 (56.38819d) Equinox: J2000		V=9.68	Reference Frame: SIMBAD

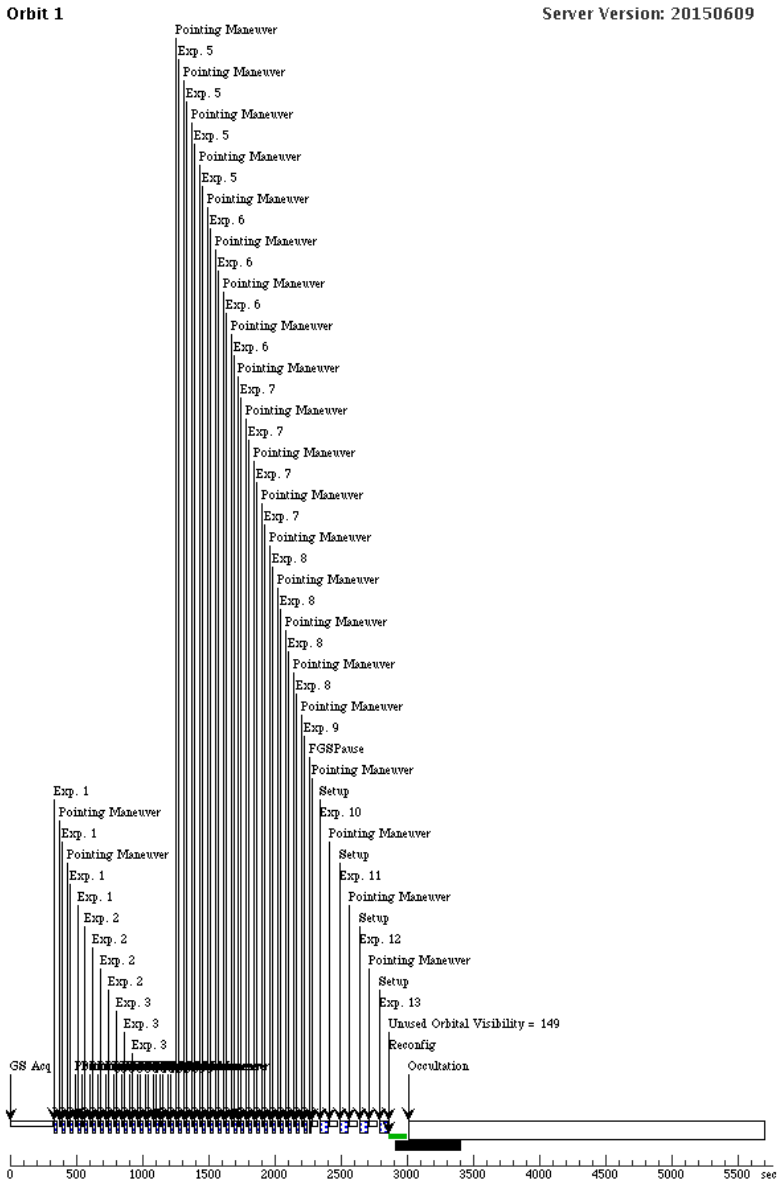
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(16) XZ-CYG	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1	PHASE 0.4 TO 0.6	Pattern 8, Exps 1-1 in XZ Cyg (03) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
2		(16) XZ-CYG	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 2-2 in XZ Cyg (03) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
3		(16) XZ-CYG	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 3-3 in XZ Cyg (03) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
4		(16) XZ-CYG	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 4-4 in XZ Cyg (03) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
5		(16) XZ-CYG	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 5-5 in XZ Cyg (03) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
6		(16) XZ-CYG	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 6-6 in XZ Cyg (03) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
7		(16) XZ-CYG	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 7-7 in XZ Cyg (03) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
8		(16) XZ-CYG	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 8-8 in XZ Cyg (03) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
9		(16) XZ-CYG	WFC3/IR, MULTIACCUM, IRSUB256	F160W	SAMP-SEQ=RAPID ; NSAMP=1			0.277815 Secs (0.278 Secs) *[==>]*	***[1]***

	10	(16) XZ-CYG	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,30; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	11	(16) XZ-CYG	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,15; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	12	(16) XZ-CYG	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,-15; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	13	(16) XZ-CYG	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 100,-30; SPATIAL SCAN 6.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 13691, RZ Cep (04), scheduling Fri Aug 28 01:08:57 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 45D TO 45 D; Period 0.308645 D AND ZERO-PHASE HJD2456718.78193

Comments: Need Drop to Gyro after Exposure 9 for drift scan obs.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(8)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(21)	V-RZ-CEP	RA: 22 39 13.1777 (339.8049071d) Dec: +64 51 30.60 (64.85850d) Equinox: J2000		V=9.19	Reference Frame: SIMBAD

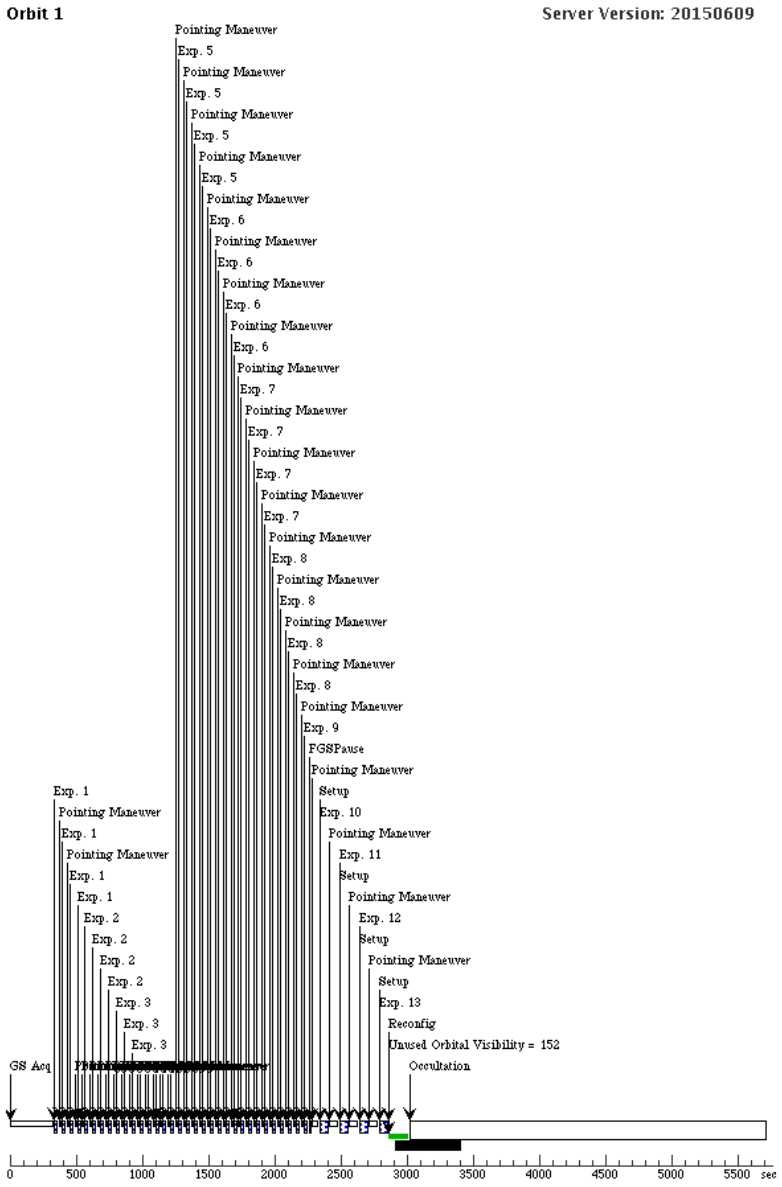
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1	PHASE 0.4 TO 0.6	Pattern 8, Exps 1-1 in RZ Cep (04) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
2		(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 2-2 in RZ Cep (04) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
3		(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 3-3 in RZ Cep (04) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
4		(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 4-4 in RZ Cep (04) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
5		(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 5-5 in RZ Cep (04) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
6		(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 6-6 in RZ Cep (04) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
7		(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 7-7 in RZ Cep (04) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
8		(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 8-8 in RZ Cep (04) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
9		(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IRSUB256	F160W	SAMP-SEQ=RAPID ; NSAMP=1			0.277815 Secs (0.278 Secs) *[==>]*	***[1]***

	10	(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID; NSAMP=5	POS TARG 100,30; SPATIAL SCAN 6.5,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	11	(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID; NSAMP=5	POS TARG 100,15; SPATIAL SCAN 6.5,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	12	(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID; NSAMP=5	POS TARG 100,-15; SPATIAL SCAN 6.5,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	13	(21) V-RZ-CEP	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID; NSAMP=5	POS TARG 100,-30; SPATIAL SCAN 6.5,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 13691, UV Oct-1 (05), completed Fri Aug 28 01:08:57 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 45D TO 45 D

Comments: Need Drop to Gyro after Exposure 9 for drift scan obs.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(8)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(17)	UV-OCT	RA: 16 32 25.5339 (248.1063913d) Dec: -83 54 10.52 (-83.90292d) Equinox: J2000		V=9.44	Reference Frame: SIMBAD

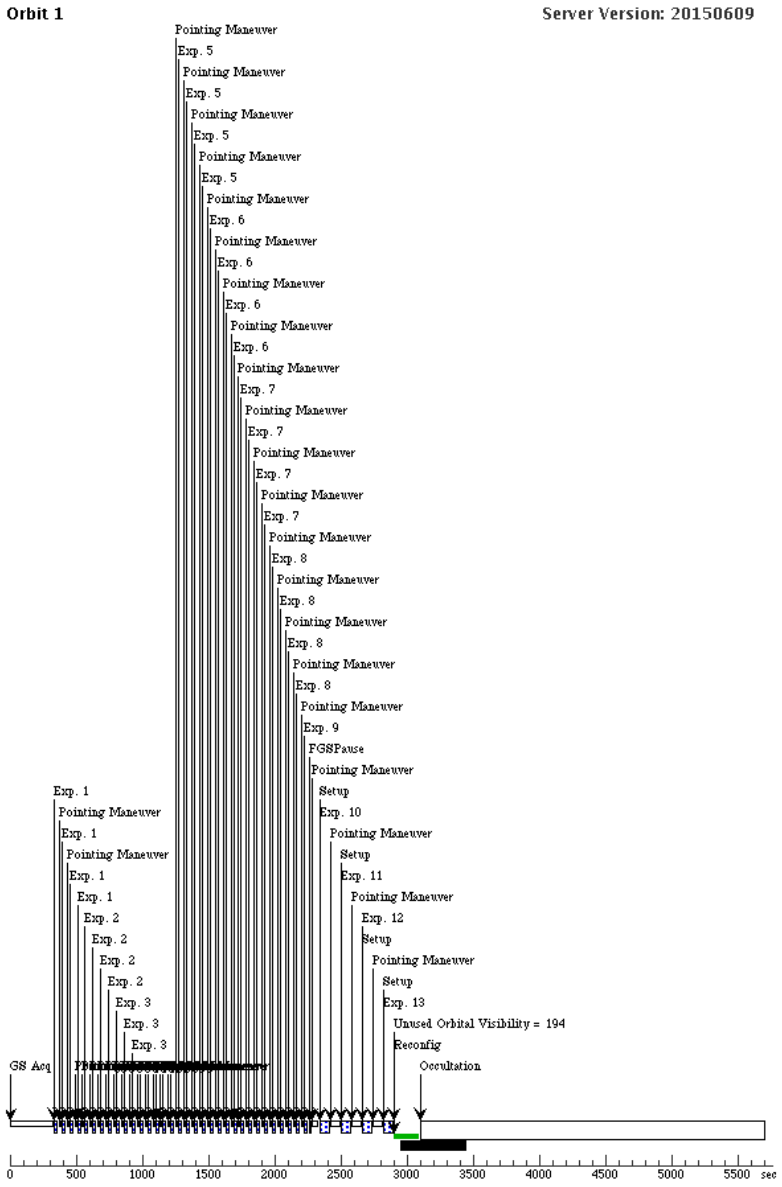
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 1-1 in UV Oct-1 (05) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
2		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 2-2 in UV Oct-1 (05) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
3		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 3-3 in UV Oct-1 (05) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
4		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 4-4 in UV Oct-1 (05) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
5		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 5-5 in UV Oct-1 (05) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
6		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 6-6 in UV Oct-1 (05) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
7		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 7-7 in UV Oct-1 (05) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
8		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 8-8 in UV Oct-1 (05) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
9		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB256	F160W	SAMP-SEQ=RAPID ; NSAMP=1			0.277815 Secs (0.278 Secs) *[==>]*	***[1]***

	10	(17) UV-OCT	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 90,30; SPATIAL SCAN 7.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	11	(17) UV-OCT	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 90,15; SPATIAL SCAN 7.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	12	(17) UV-OCT	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 90,-15; SPATIAL SCAN 7.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	13	(17) UV-OCT	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 90,-30; SPATIAL SCAN 7.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 13691, UV Oct-2 (06), completed Fri Aug 28 01:08:57 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR

Special Requirements: DROP TO GYRO IF NECESSARY ; SCHED 100%; ORIENT 45D TO 45 D; AFTER 05 BY 1.5 D TO 1.7 D

Comments: Need Drop to Gyro after Exposure 9 for drift scan obs.

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(8)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365	Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false		(1), (2), (3), (4), (5), (6), (7), (8)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(17)	UV-OCT	RA: 16 32 25.5339 (248.1063913d) Dec: -83 54 10.52 (-83.90292d) Equinox: J2000		V=9.44	Reference Frame: SIMBAD

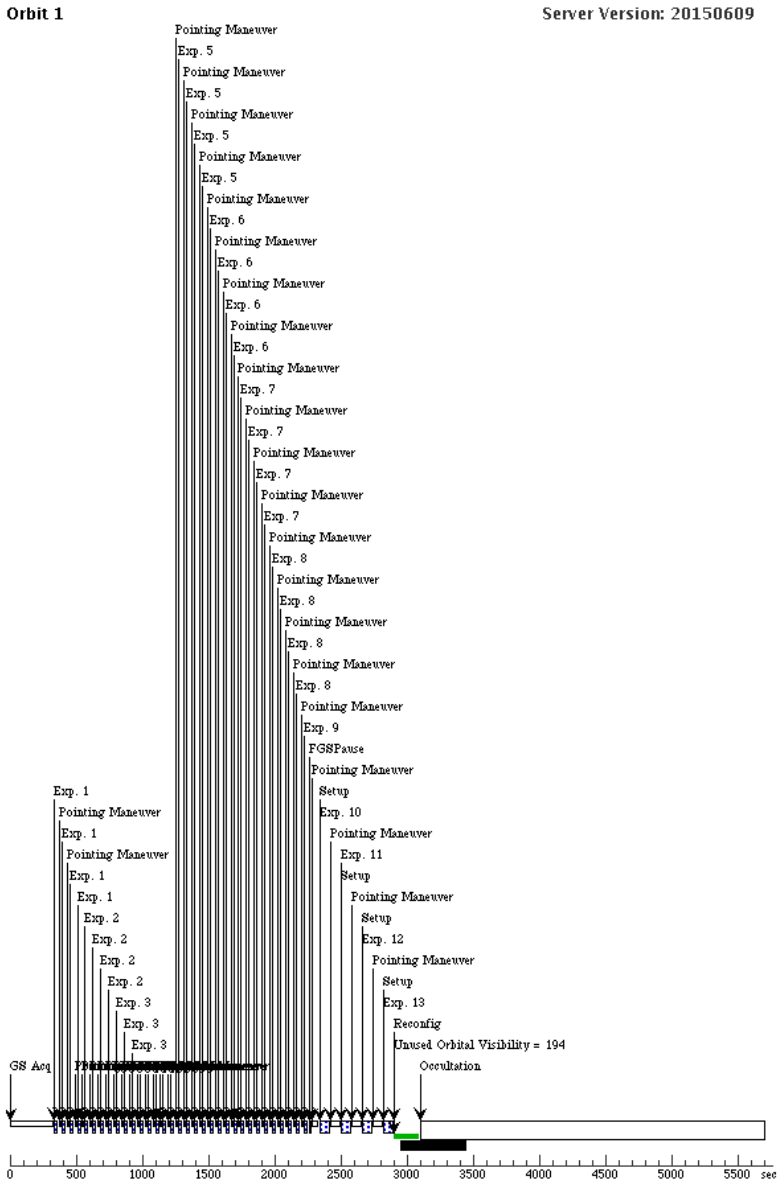
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 1-1 in UV Oct-2 (06) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
2		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 2-2 in UV Oct-2 (06) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
3		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 3-3 in UV Oct-2 (06) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
4		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 4-4 in UV Oct-2 (06) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
5		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 5-5 in UV Oct-2 (06) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
6		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 6-6 in UV Oct-2 (06) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
7		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 7-7 in UV Oct-2 (06) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
8		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB64-FIX	F160W	SAMP-SEQ=RAPID ; NSAMP=1		Pattern 8, Exps 8-8 in UV Oct-2 (06) (8)	0.060774 Secs (0.243 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]* *[==>(Pattern 3)]* *[==>(Pattern 4)]*	***[1]***
9		(17) UV-OCT	WFC3/IR, MULTIACCUM, IRSUB256	F160W	SAMP-SEQ=RAPID ; NSAMP=1			0.277815 Secs (0.278 Secs) *[==>]*	***[1]***

	10	(17) UV-OCT	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 90,30; SPATIAL SCAN 7.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	11	(17) UV-OCT	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 90,15; SPATIAL SCAN 7.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	12	(17) UV-OCT	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 90,-15; SPATIAL SCAN 7.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***
	13	(17) UV-OCT	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=RAPID ; NSAMP=5	POS TARG 90,-30; SPATIAL SCAN 7.5 ,180.0 Degrees,Forward; EXP PCS MODE GYRO	14.661455 Secs (14.661 Secs) *[==>]*	***[1]***

Orbit Structure



Visit

Proposal 13691, IC 1613-1 (07), completed Fri Aug 28 01:08:57 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 83D TO 87 D

Diagnostics

(IC 1613-1 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10), (11-12), (13-14), (15-16), (17-18), (19-20), (21-22), (23-24)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	IC-1613-FIELD1	RA: 01 04 31.4000 (16.1308333d) Dec: +02 08 48.00 (2.14667d) Equinox: J2000		V=11.49	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
(28)	IC-1613-FIELD2	RA: 01 04 27.5000 (16.1145833d) Dec: +02 10 7.00 (2.16861d) Equinox: J2000		V=11.49	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W	(28) IC-1613-FIELD 2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in IC 1613-1 (07) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(28) IC-1613-FIELD 2	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-4 Non-Int in IC 1613-1 (07) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in IC 1613-1 (07)	419 Secs (922 Secs) *[==>(Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
3	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in IC 1613-1 (07) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-4 Non-Int in IC 1613-1 (07) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in IC 1613-1 (07)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
5	F160W	(28) IC-1613-FIELD 2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 5-8 Non-Int in IC 1613-1 (07) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***

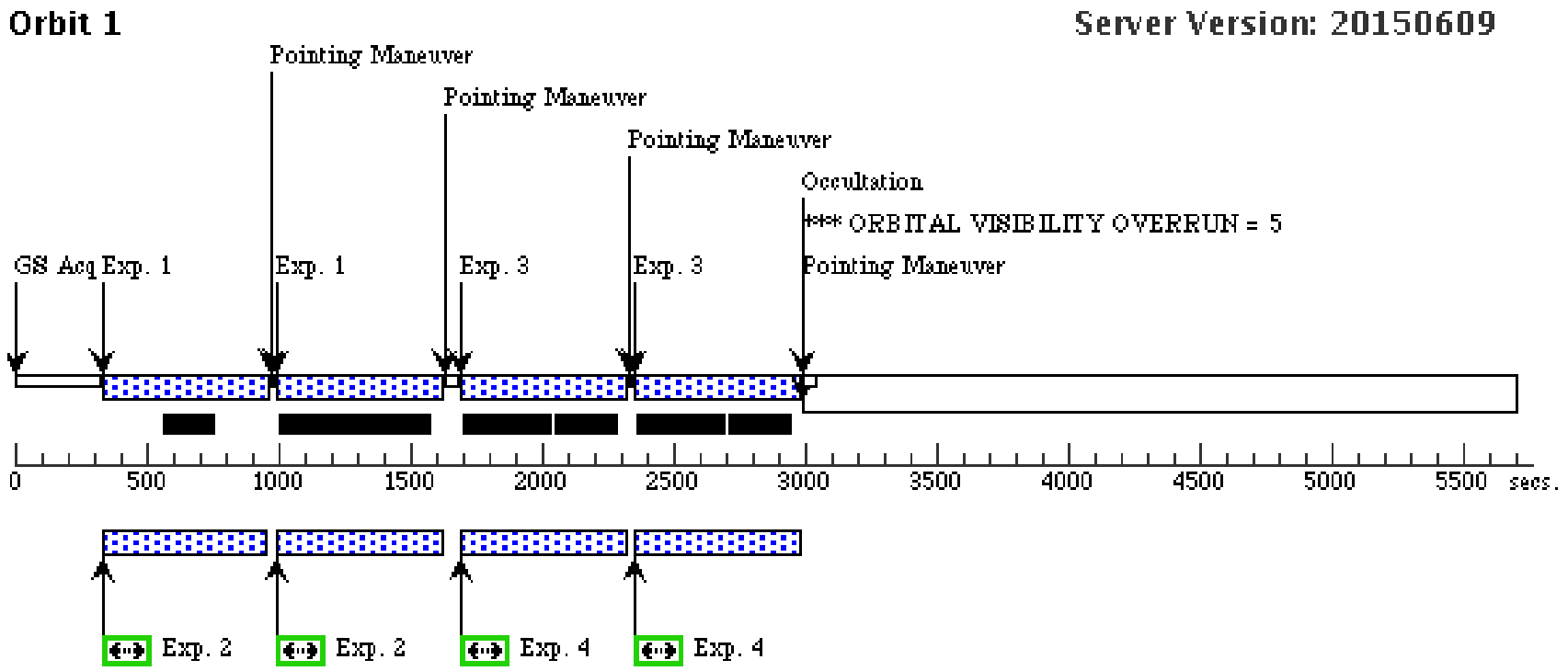
6		(28) IC-1613-FIELD 2	ACS/WFC, ACCUM, WFC	F606W		Sequence 5-8 Non-Int in IC 1613-1 (07) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in IC 1613-1 (07)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[2]***
7	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 5-8 Non-Int in IC 1613-1 (07) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[2]***
8		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 5-8 Non-Int in IC 1613-1 (07) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in IC 1613-1 (07)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[2]***
9	F160W	(28) IC-1613-FIELD 2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in IC 1613-1 (07) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[3]***
10		(28) IC-1613-FIELD 2	ACS/WFC, ACCUM, WFC	F606W		Sequence 9-12 Non-Int in IC 1613-1 (07) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in IC 1613-1 (07)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[3]***

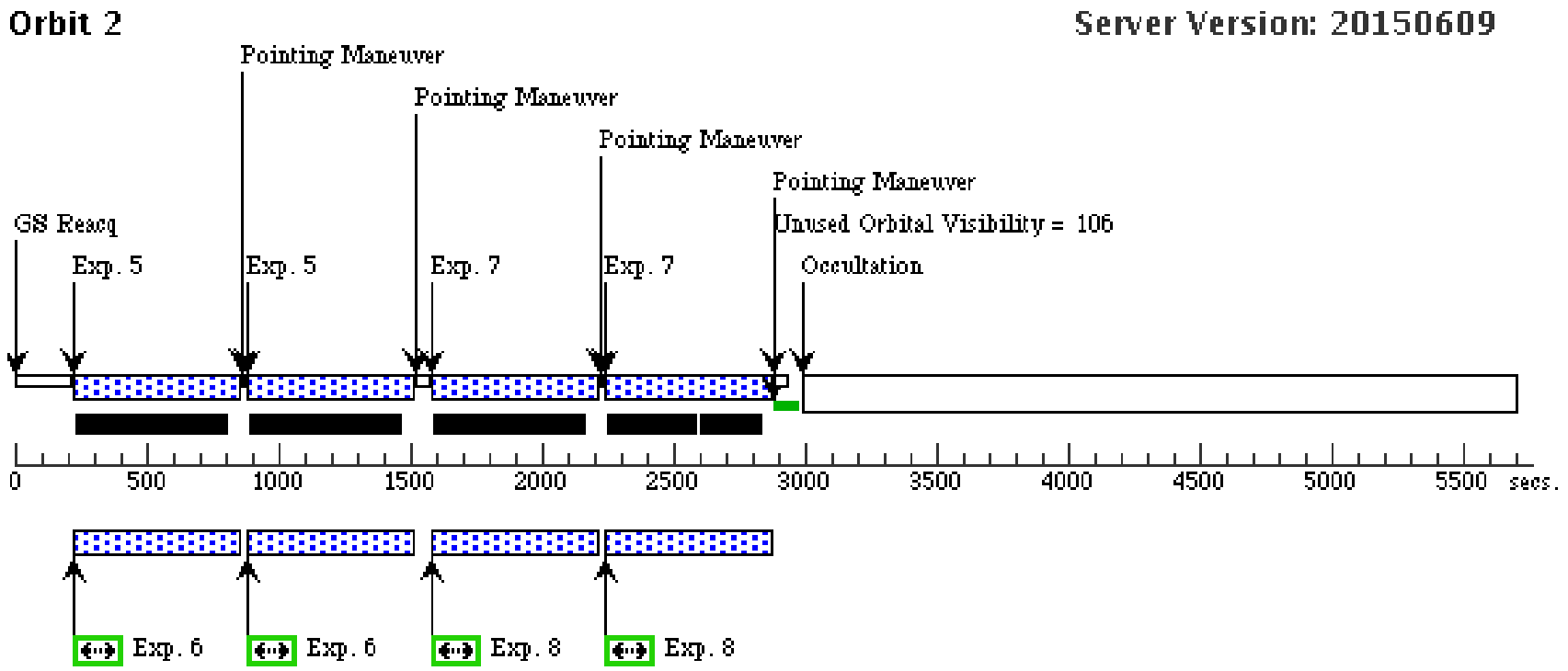
11	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in IC 1613-1 (07) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[3]***
12		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 9-12 Non-Int in IC 1613-1 (07) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in IC 1613-1 (07)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[3]***
13	F160W	(28) IC-1613-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in IC 1613-1 (07) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***
14		(28) IC-1613-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 13-16 Non-Int in IC 1613-1 (07) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in IC 1613-1 (07)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[4]***
15	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in IC 1613-1 (07) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***

16		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 13-16 Non-Int in IC 1613-1 (07) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in IC 1613-1 (07)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[4]***
17	F160W	(28) IC-1613-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in IC 1613-1 (07) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
18		(28) IC-1613-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 17-20 Non-Int in IC 1613-1 (07) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in IC 1613-1 (07)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***
19	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in IC 1613-1 (07) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
20		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 17-20 Non-Int in IC 1613-1 (07) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in IC 1613-1 (07)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***

	21	F160W	(28) IC-1613-FIELD 2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in IC 1613-1 (07) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	22		(28) IC-1613-FIELD 2	ACS/WFC, ACCUM, WFC	F606W		Sequence 21-24 Non-Int in IC 1613-1 (07) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in IC 1613-1 (07)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***
	23	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in IC 1613-1 (07) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in IC 1613-1 (07)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	24		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 21-24 Non-Int in IC 1613-1 (07) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in IC 1613-1 (07) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in IC 1613-1 (07)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***

Orbit Structure

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Exp. 5
Exp. 7
Exp. 7
Occultation
0
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secs.
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Exp. 8
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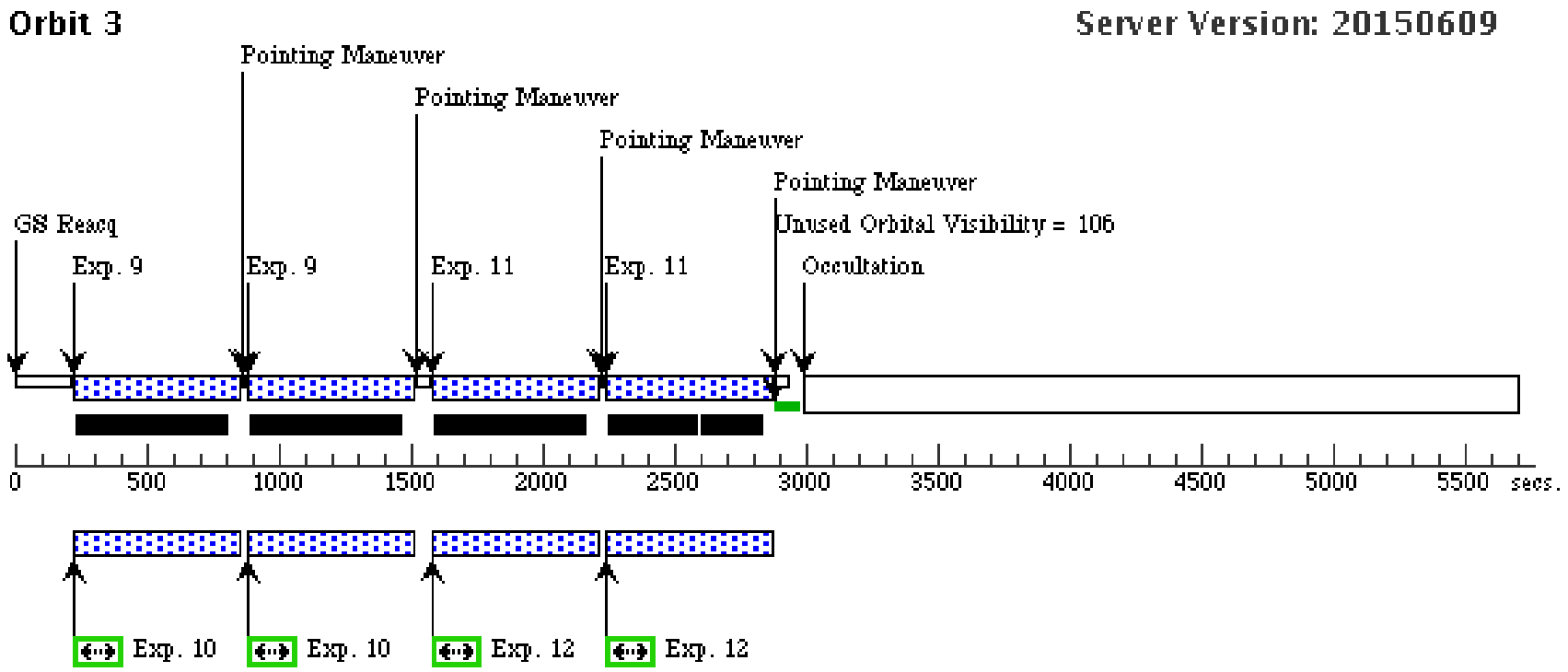
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GS Reacq
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Exp. 9
Exp. 11
Exp. 11
Occultation
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Exp. 12
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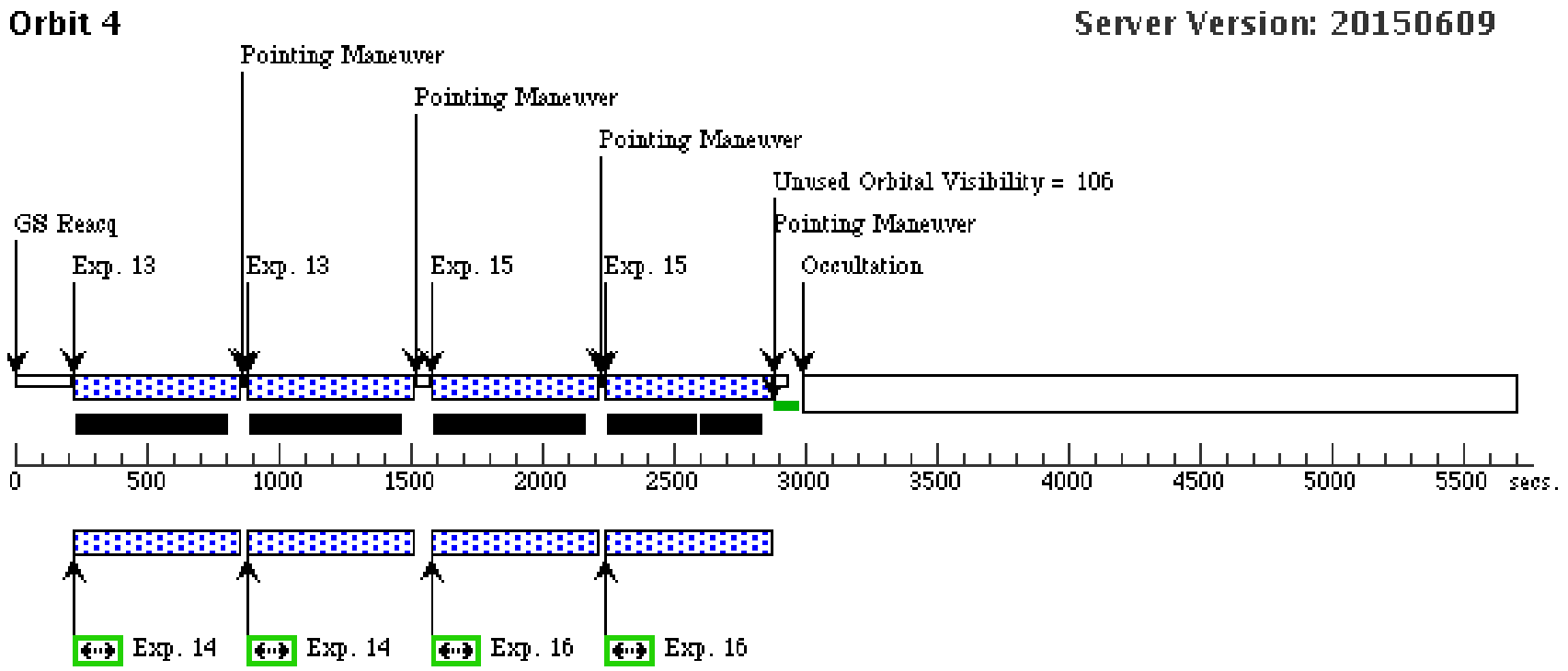
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Pointing Maneuver
Unused Orbital Visibility = 106
Pointing Maneuver
GS Reacq
Exp. 13
Exp. 13
Exp. 15
Exp. 15
Occultation
0
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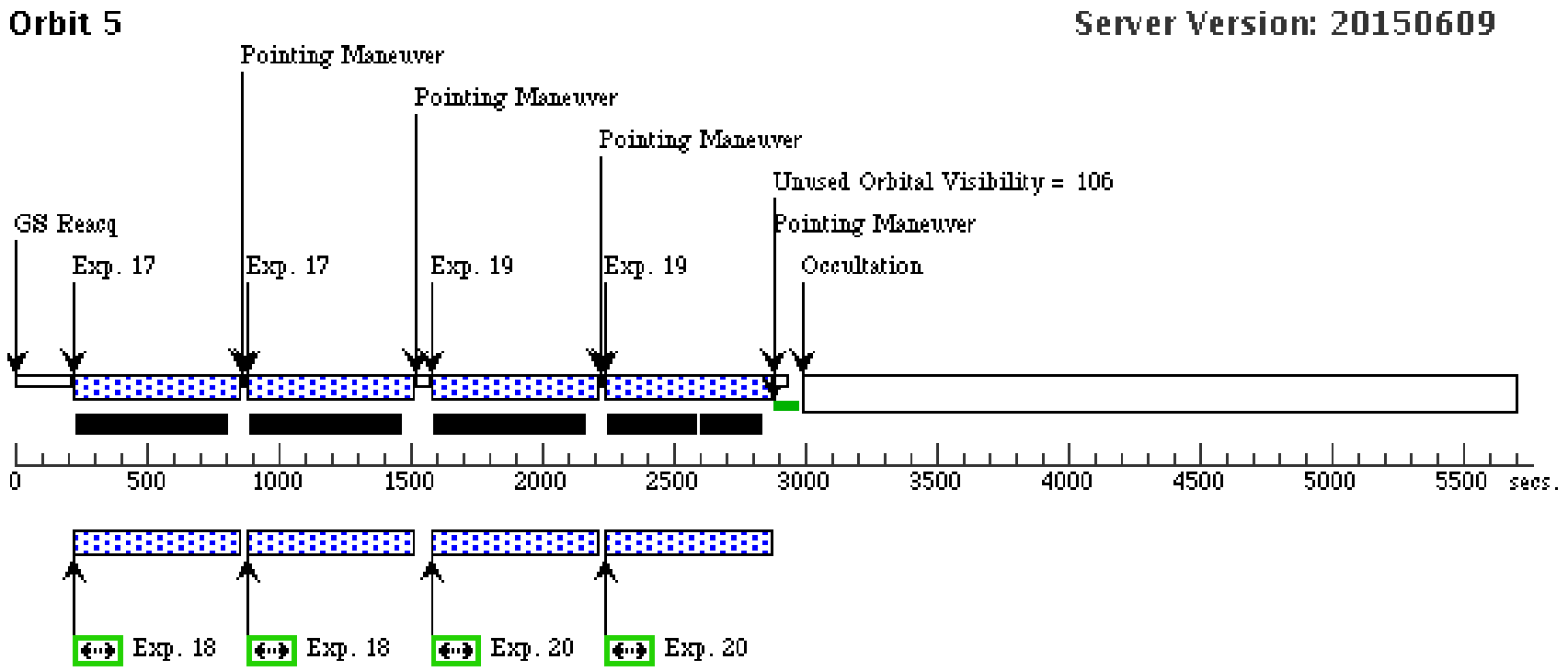
secs.
Exp. 14
Exp. 14
Exp. 16
Exp. 16


Orbit 5
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 106
Pointing Maneuver
GS Reacq
Exp. 17
Exp. 17
Exp. 19
Exp. 19
Occultation
0
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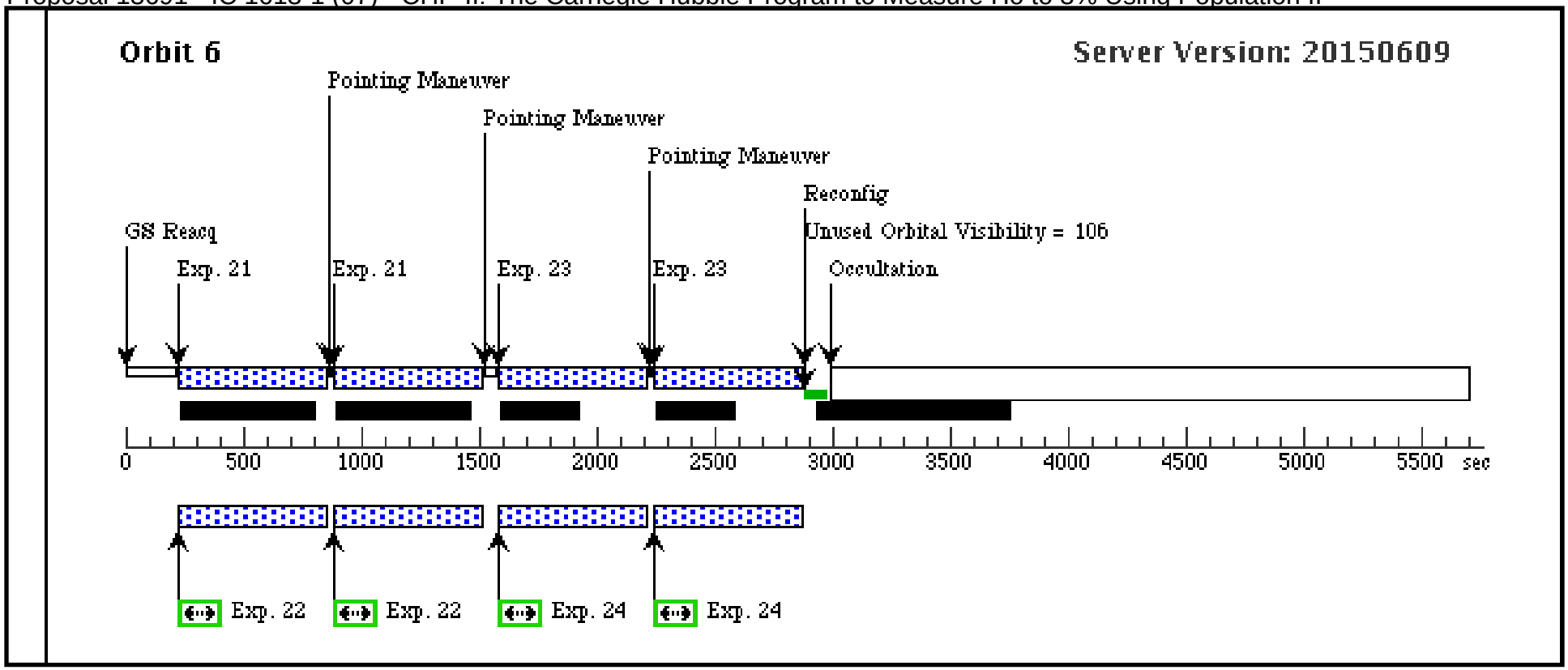
secs.
Exp. 18
Exp. 18
Exp. 20
Exp. 20


Orbit 6
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Reconfig
GS Reacq
Unused Orbital Visibility = 106
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Exp. 21
Exp. 23
Exp. 23
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 22
Exp. 22
Exp. 24
Exp. 24

Visit

Proposal 13691, IC 1613-2 (08), completed Fri Aug 28 01:08:58 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 83D TO 87 D; AFTER 07 BY 1.25 D TO 1.7 D

Diagnostics

(IC 1613-2 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10), (11-12), (13-14), (15-16), (17-18), (19-20), (21-22), (23-24)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	IC-1613-FIELD1	RA: 01 04 31.4000 (16.1308333d) Dec: +02 08 48.00 (2.14667d) Equinox: J2000		V=11.49	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
(28)	IC-1613-FIELD2	RA: 01 04 27.5000 (16.1145833d) Dec: +02 10 7.00 (2.16861d) Equinox: J2000		V=11.49	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W	(28) IC-1613-FIELD 2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in IC 1613-2 (08) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(28) IC-1613-FIELD 2	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-4 Non-Int in IC 1613-2 (08) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in IC 1613-2 (08)	419 Secs (922 Secs) *[==>(Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
3	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in IC 1613-2 (08) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-4 Non-Int in IC 1613-2 (08) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in IC 1613-2 (08)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
5	F160W	(28) IC-1613-FIELD 2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 5-8 Non-Int in IC 1613-2 (08) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***

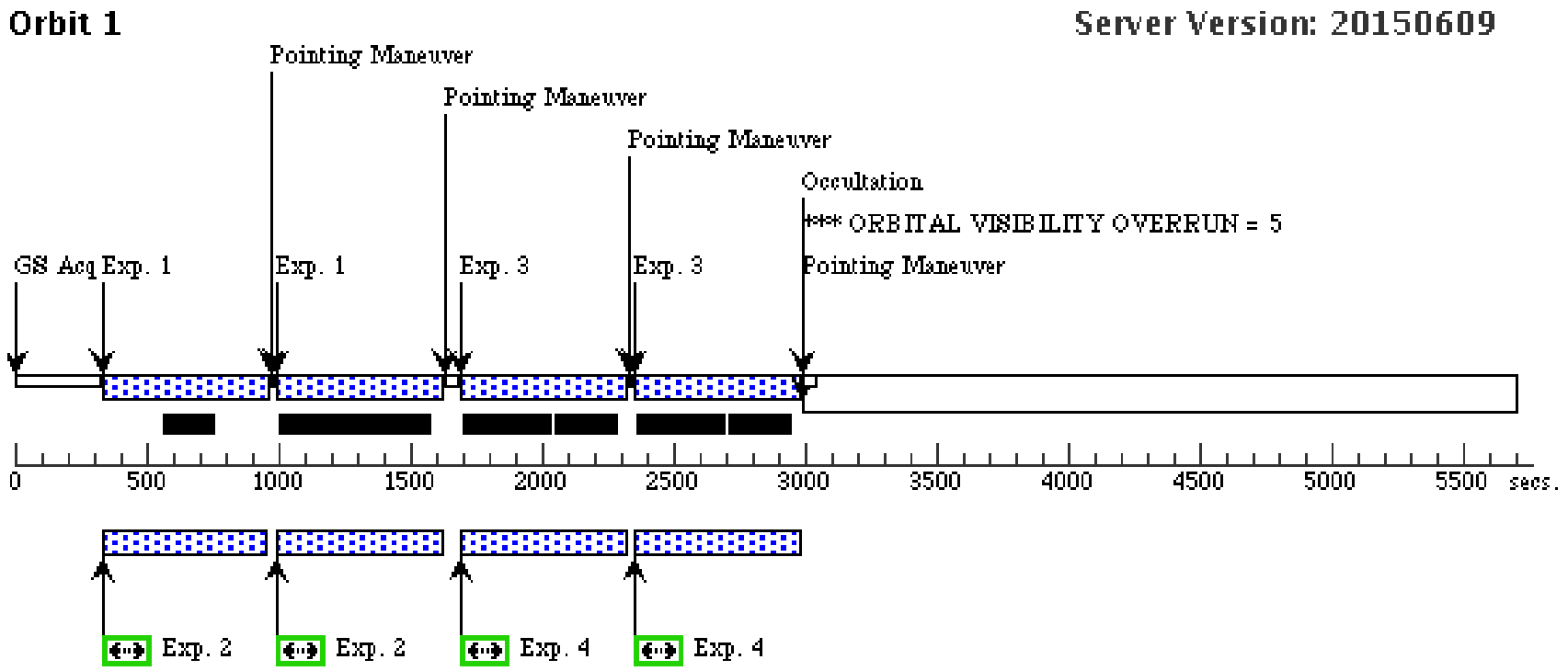
6		(28) IC-1613-FIELD 2	ACS/WFC, ACCUM, WFC	F814W		Sequence 5-8 Non-Int in IC 1613-2 (08) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in IC 1613-2 (08)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
7	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 5-8 Non-Int in IC 1613-2 (08) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
8		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 5-8 Non-Int in IC 1613-2 (08) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in IC 1613-2 (08)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
9	F160W	(28) IC-1613-FIELD 2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in IC 1613-2 (08) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
10		(28) IC-1613-FIELD 2	ACS/WFC, ACCUM, WFC	F814W		Sequence 9-12 Non-Int in IC 1613-2 (08) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in IC 1613-2 (08)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[3]***

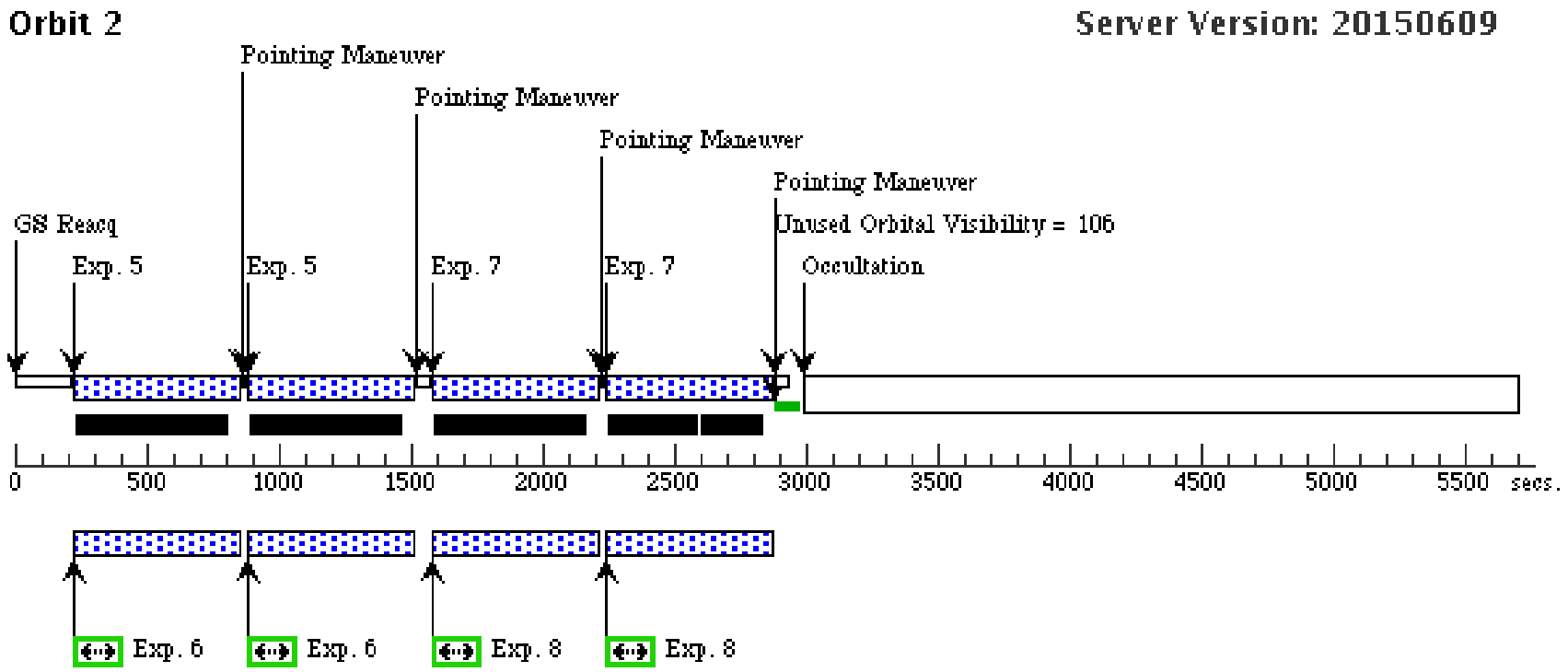
11	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in IC 1613-2 (08) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[3]***
12		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 9-12 Non-Int in IC 1613-2 (08) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in IC 1613-2 (08)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[3]***
13	F160W	(28) IC-1613-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in IC 1613-2 (08) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***
14		(28) IC-1613-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 13-16 Non-Int in IC 1613-2 (08) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in IC 1613-2 (08)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[4]***
15	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in IC 1613-2 (08) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***

16		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 13-16 Non-Int in IC 1613-2 (08) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in IC 1613-2 (08)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[4]***
17	F160W	(28) IC-1613-FIELD 2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in IC 1613-2 (08) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
18		(28) IC-1613-FIELD 2	ACS/WFC, ACCUM, WFC	F814W		Sequence 17-20 Non-Int in IC 1613-2 (08) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in IC 1613-2 (08)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***
19	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in IC 1613-2 (08) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
20		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 17-20 Non-Int in IC 1613-2 (08) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in IC 1613-2 (08)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***

	21	F160W	(28) IC-1613-FIELD 2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in IC 1613-2 (08) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	22		(28) IC-1613-FIELD 2	ACS/WFC, ACCUM, WFC	F814W		Sequence 21-24 Non-Int in IC 1613-2 (08) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in IC 1613-2 (08)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***
	23	F160W	(1) IC-1613-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in IC 1613-2 (08) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in IC 1613-2 (08)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	24		(1) IC-1613-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 21-24 Non-Int in IC 1613-2 (08) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in IC 1613-2 (08) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in IC 1613-2 (08)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***

Orbit Structure

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Exp. 5
Exp. 7
Exp. 7
Occultation
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secs.
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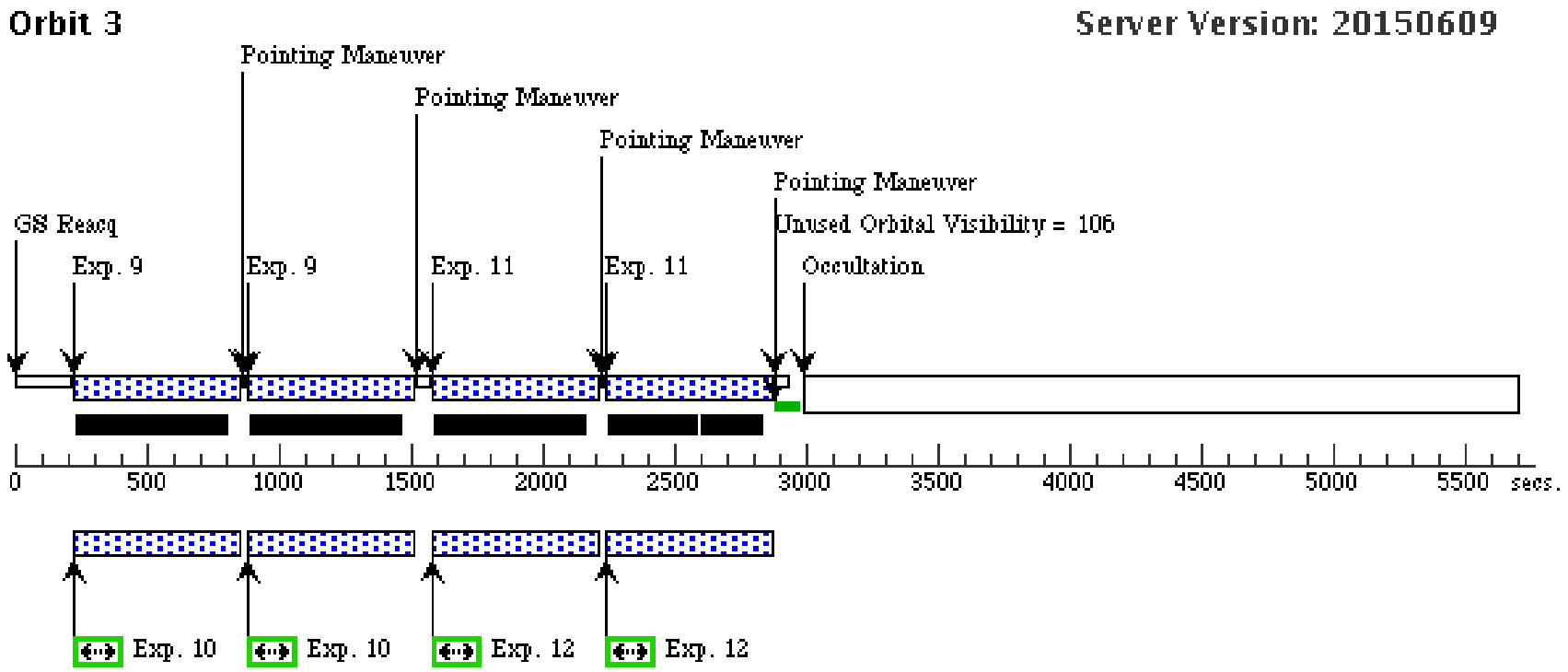
Exp. 8
Exp. 8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Exp. 9
Exp. 11
Exp. 11
Occultation
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secs.
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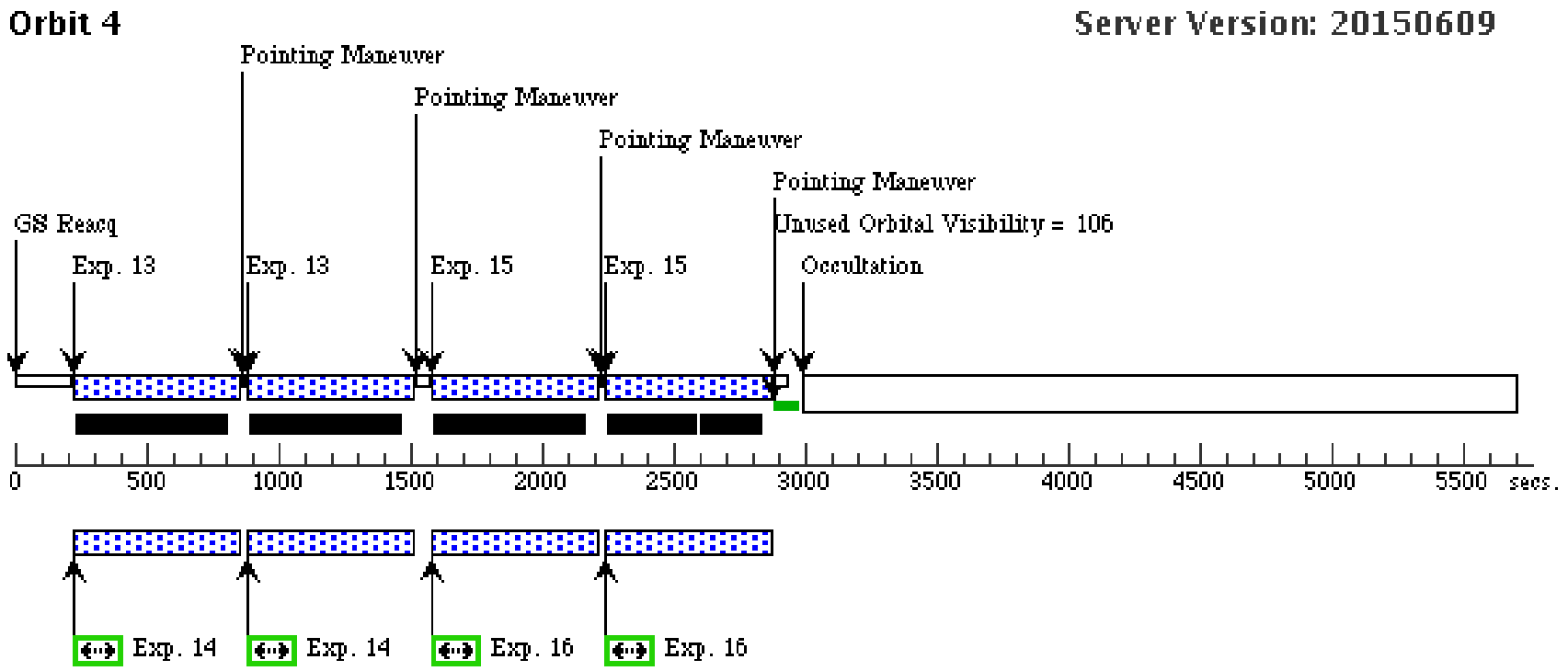
Exp. 12
Exp. 12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Pointing Maneuver
Pointing Maneuver
GS Reacq
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Exp. 13
Exp. 15
Exp. 15
Occultation
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secs.
Exp. 14
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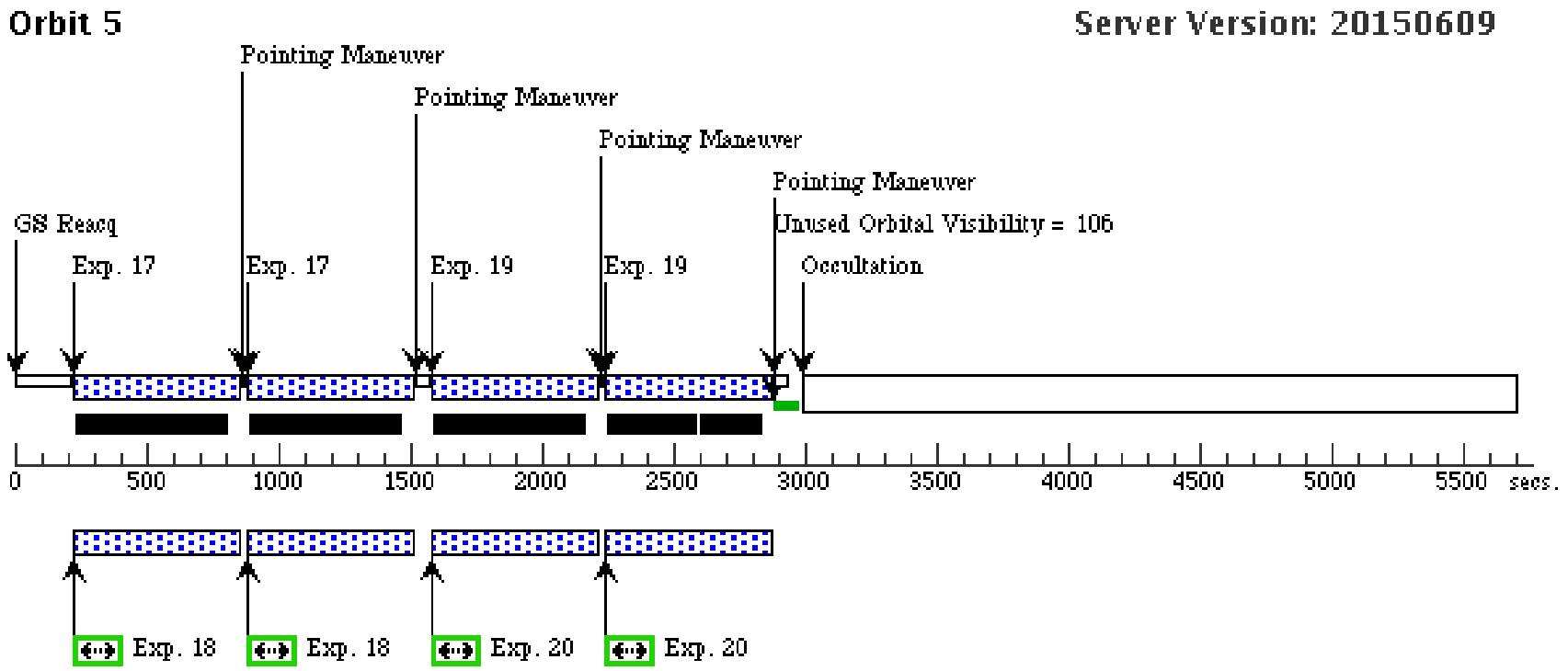
Exp. 16
Exp. 16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Pointing Maneuver
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Exp. 17
Exp. 19
Exp. 19
Occultation
0
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3500
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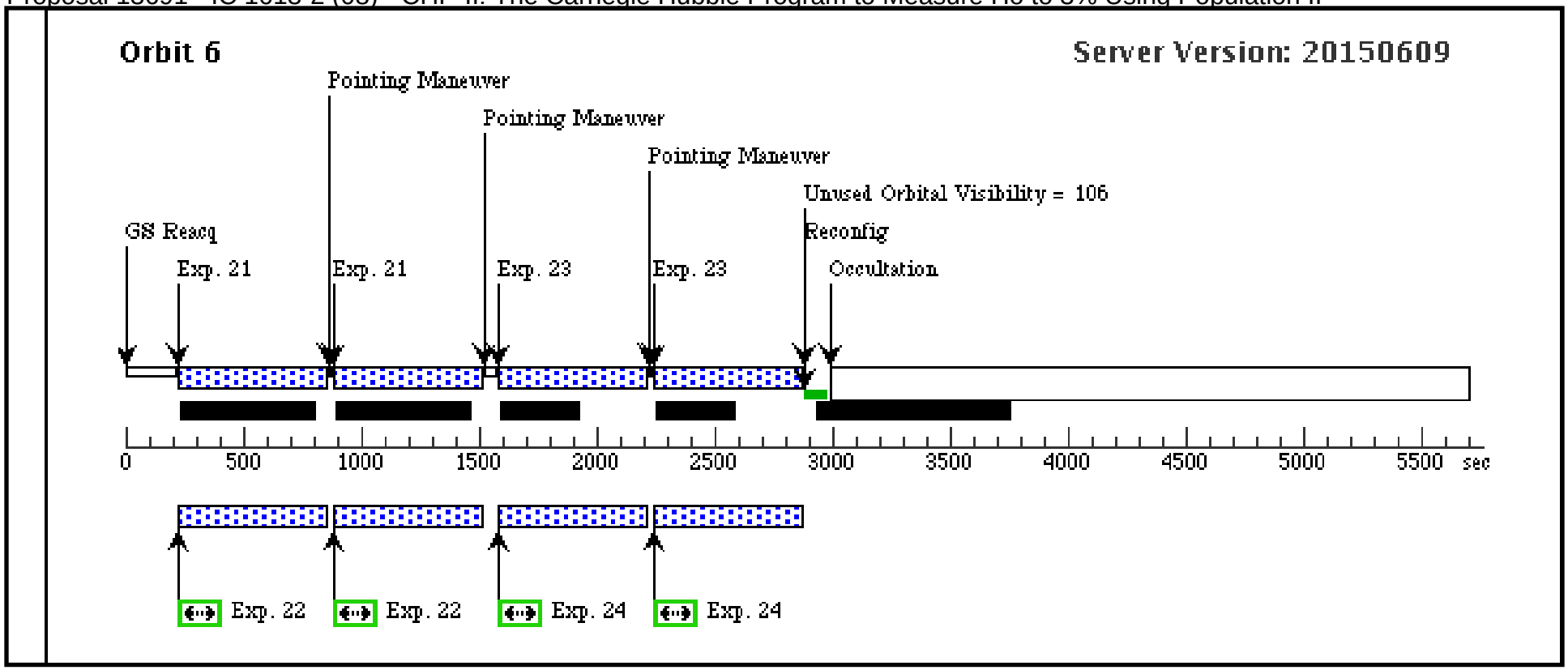
secs.
Exp. 18
Exp. 18
Exp. 20
Exp. 20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Pointing Maneuver
Unused Orbital Visibility = 106
GS Reacq
Reconfig
Exp. 21
Exp. 21
Exp. 23
Exp. 23
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 22
Exp. 22
Exp. 24
Exp. 24

Visit

Proposal 13691, M31-1 (09), completed Fri Aug 28 01:08:58 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 188D TO 192 D

Diagnostics

(M31-1 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10), (11-12), (13-14), (15-16), (17-18), (19-20), (21-22), (23-24)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	MESSIER-031-FIELD1	RA: 00 43 25.0000 (10.8541667d) Dec: +40 57 16.00 (40.95444d) Equinox: J2000		V=7.96	Reference Frame: NED
Comments: This object was generated by the targetselector and retrieved from the NED database.					
(29)	MESSIER-031-FIELD2	RA: 00 43 15.3000 (10.8137500d) Dec: +40 57 15.00 (40.95417d) Equinox: J2000		V=7.96	Reference Frame: NED
Comments: This object was generated by the targetselector and retrieved from the NED database.					

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in M31-1 (09) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M31-1 (09) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-4 Non-Int in M31-1 (09) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M31-1 (09) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M31-1 (09)	419 Secs (922 Secs) *[==>(Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
3	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in M31-1 (09) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M31-1 (09) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-4 Non-Int in M31-1 (09) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M31-1 (09) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M31-1 (09)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
5	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 5-8 Non-Int in M31-1 (09) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M31-1 (09) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***

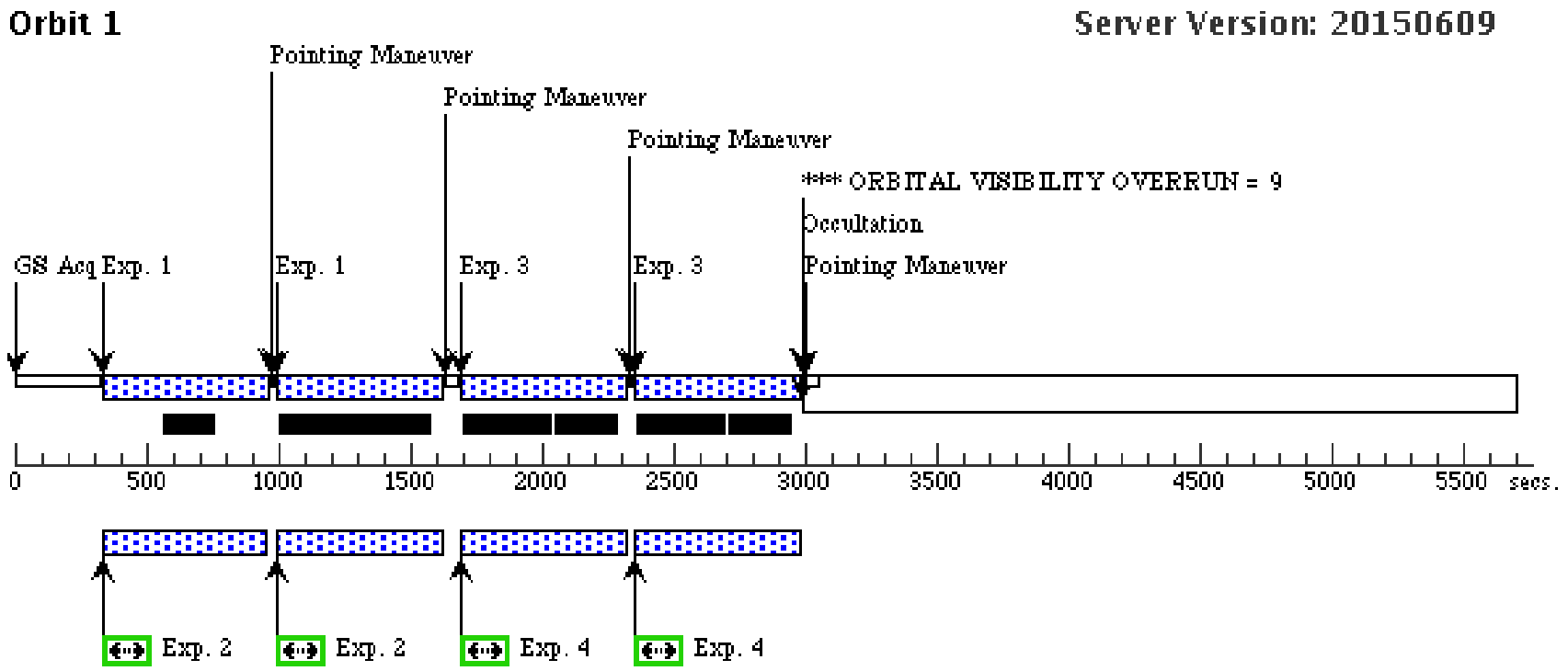
6		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 5-8 Non-Int in M31-1 (09) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M31-1 (09) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M31-1 (09)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
7	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 5-8 Non-Int in M31-1 (09) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M31-1 (09) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
8		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 5-8 Non-Int in M31-1 (09) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M31-1 (09) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M31-1 (09)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
9	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in M31-1 (09) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M31-1 (09) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
10		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 9-12 Non-Int in M31-1 (09) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M31-1 (09) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M31-1 (09)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[3]***

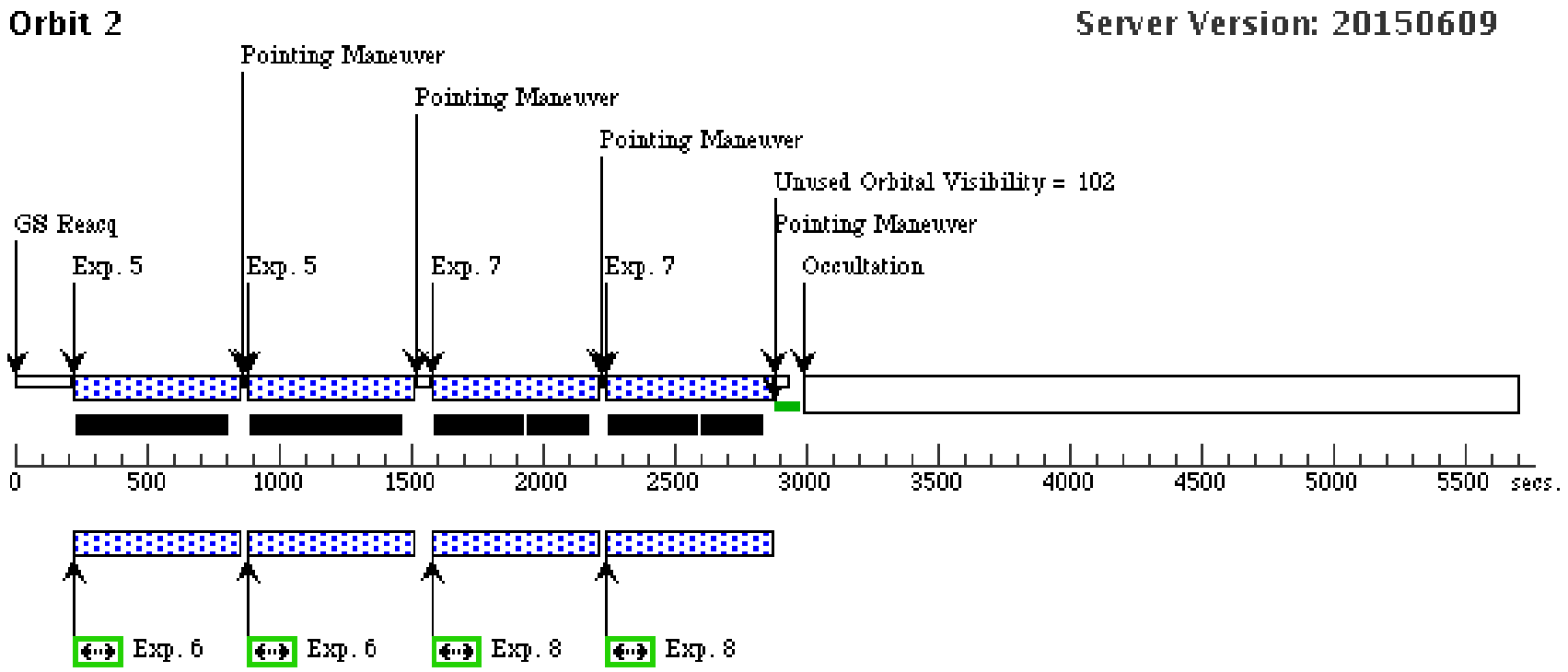
11	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in M31-1 (09) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M31-1 (09) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[3]***
12		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 9-12 Non-Int in M31-1 (09) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M31-1 (09) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M31-1 (09)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[3]***
13	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in M31-1 (09) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M31-1 (09) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***
14		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 13-16 Non-Int in M31-1 (09) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M31-1 (09) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M31-1 (09)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[4]***
15	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in M31-1 (09) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M31-1 (09) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***

16		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 13-16 Non-Int in M31-1 (09) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M31-1 (09) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M31-1 (09)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[4]***
17	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M31-1 (09) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M31-1 (09) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
18		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 17-20 Non-Int in M31-1 (09) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M31-1 (09) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M31-1 (09)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***
19	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M31-1 (09) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M31-1 (09) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
20		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 17-20 Non-Int in M31-1 (09) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M31-1 (09) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M31-1 (09)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***

	21	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in M31-1 (09) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M31-1 (09) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	22		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 21-24 Non-Int in M31-1 (09) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M31-1 (09) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M31-1 (09)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***
	23	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in M31-1 (09) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M31-1 (09) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M31-1 (09)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	24		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 21-24 Non-Int in M31-1 (09) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M31-1 (09) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M31-1 (09)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***

Orbit Structure

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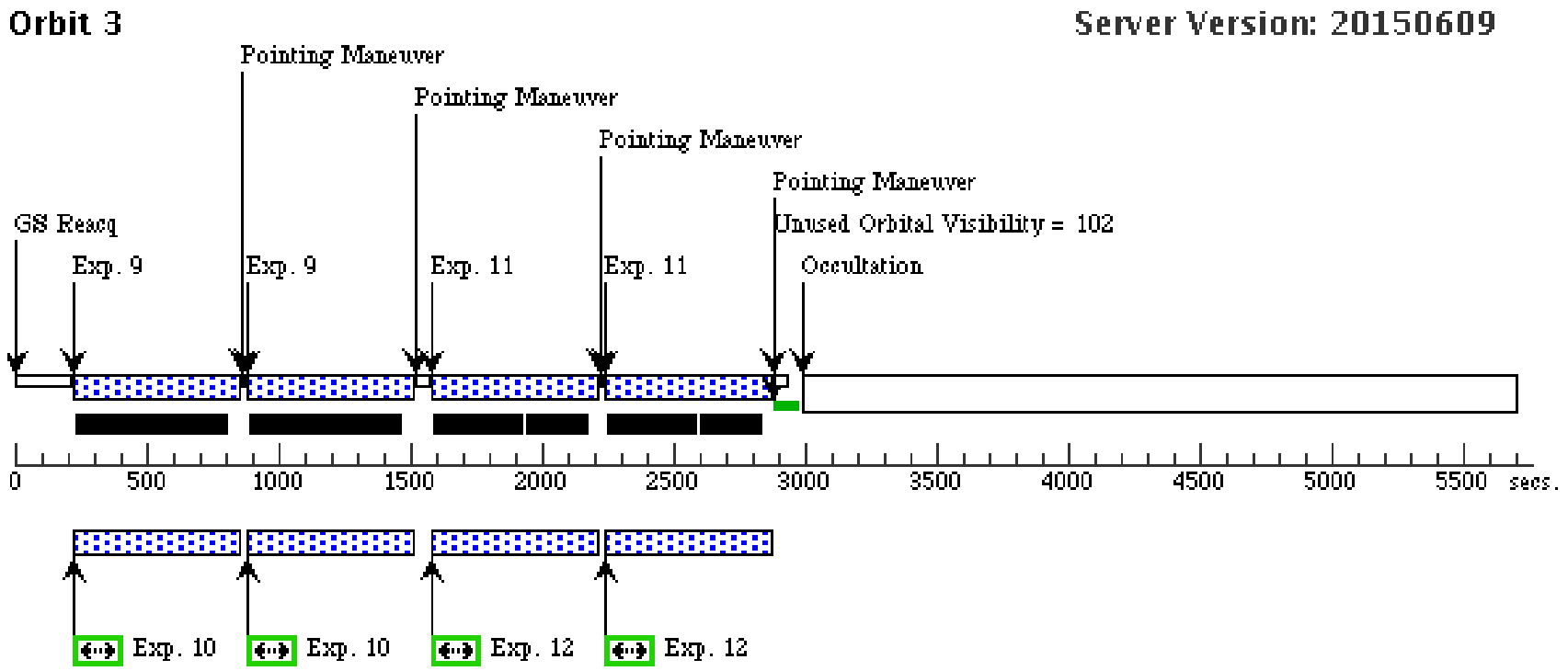
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Pointing Maneuver
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Exp. 9
Exp. 11
Exp. 11
Occultation
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secs.
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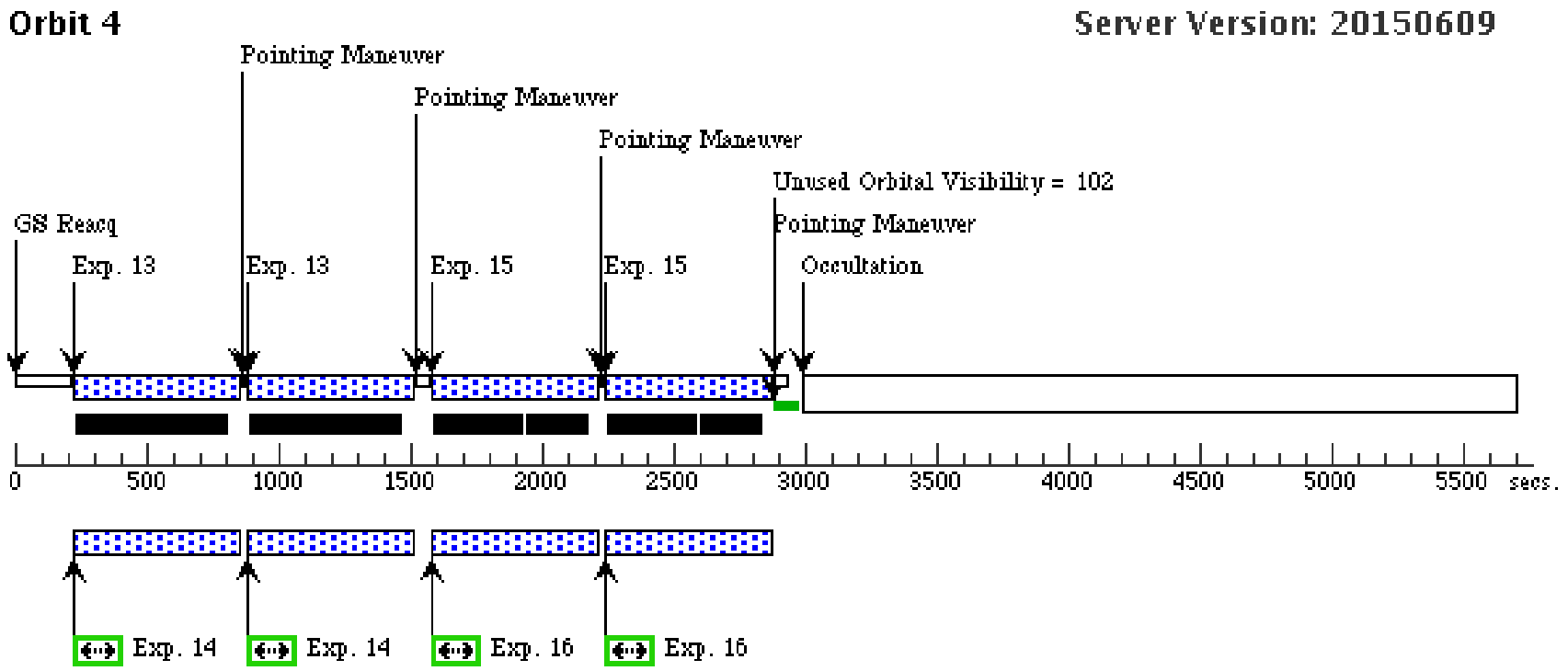
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Unused Orbital Visibility = 102
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Exp. 13
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Occultation
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secs.
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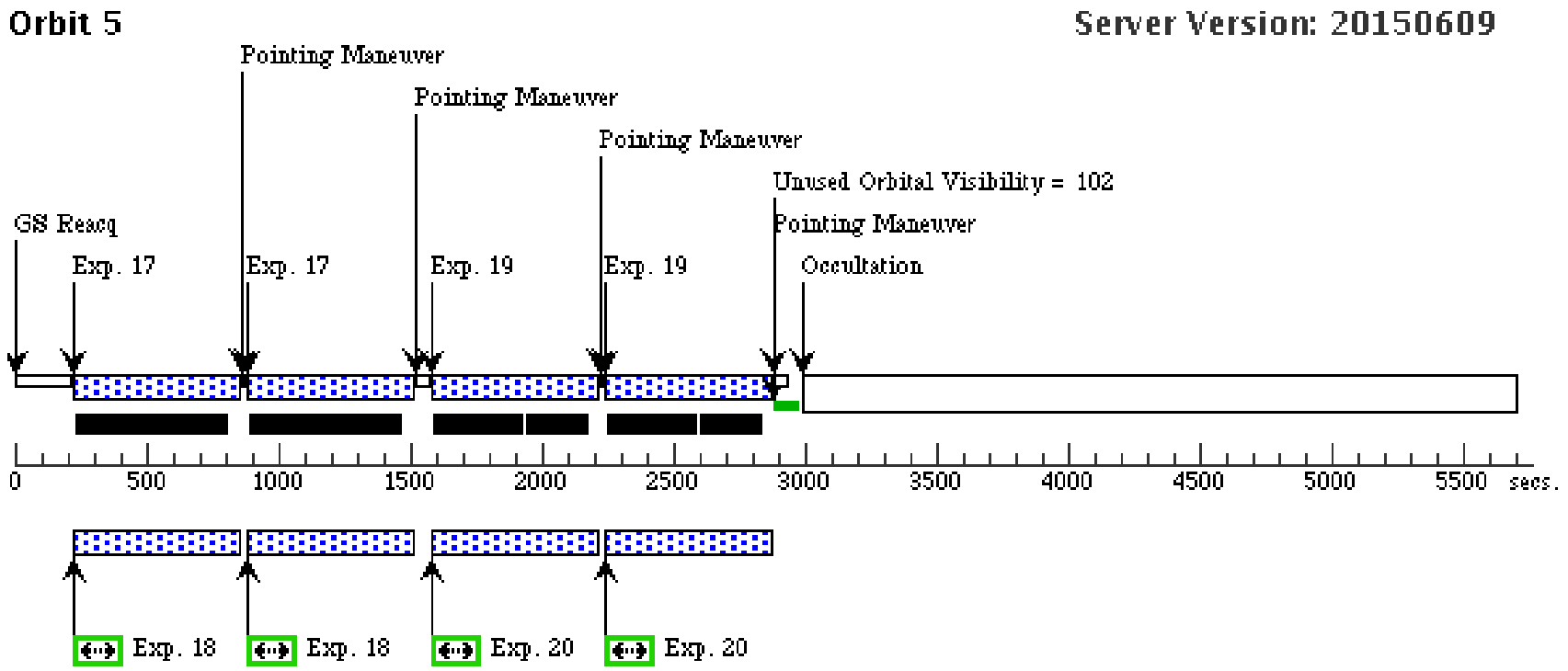
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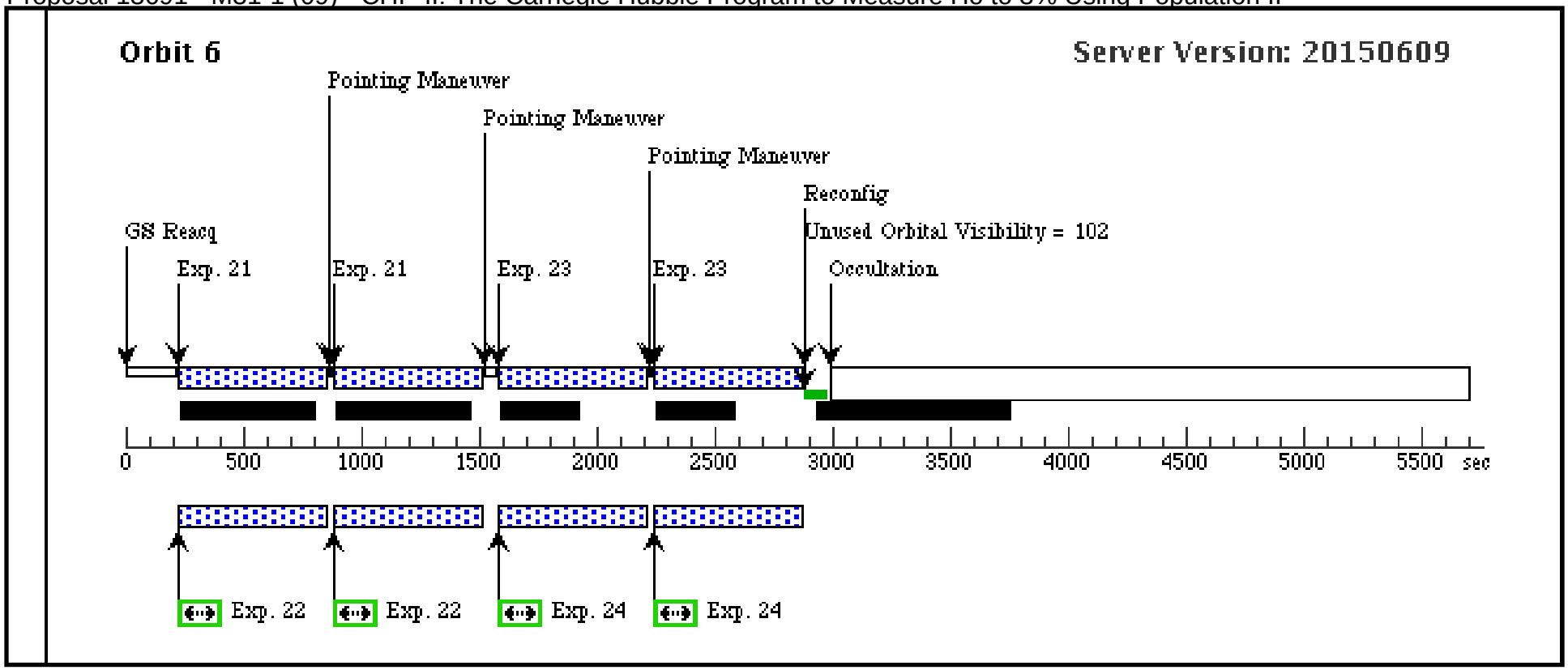

Orbit 6
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Reconfig
GS Reacq
Unused Orbital Visibility = 102
Exp. 21
Exp. 21
Exp. 23
Exp. 23
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 22
Exp. 22
Exp. 24
Exp. 24

Visit

Proposal 13691, M31-2 (10), completed Fri Aug 28 01:08:59 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 188D TO 192 D; AFTER_09 BY 3.1 D TO 3.3 D

Diagnostics

(M31-2 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10), (11-12), (13-14), (15-16), (17-18), (19-20), (21-22), (23-24)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(3)	MESSIER-031-FIELD1	RA: 00 43 25.0000 (10.8541667d) Dec: +40 57 16.00 (40.95444d) Equinox: J2000		V=7.96	Reference Frame: NED
Comments: This object was generated by the targetselector and retrieved from the NED database.					
(29)	MESSIER-031-FIELD2	RA: 00 43 15.3000 (10.8137500d) Dec: +40 57 15.00 (40.95417d) Equinox: J2000		V=7.96	Reference Frame: NED
Comments: This object was generated by the targetselector and retrieved from the NED database.					

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in M31-2 (10) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M31-2 (10) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-4 Non-Int in M31-2 (10) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M31-2 (10) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M31-2 (10)	419 Secs (922 Secs) *[==>(Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
3	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in M31-2 (10) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M31-2 (10) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-4 Non-Int in M31-2 (10) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M31-2 (10) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M31-2 (10)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
5	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 5-8 Non-Int in M31-2 (10) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M31-2 (10) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***

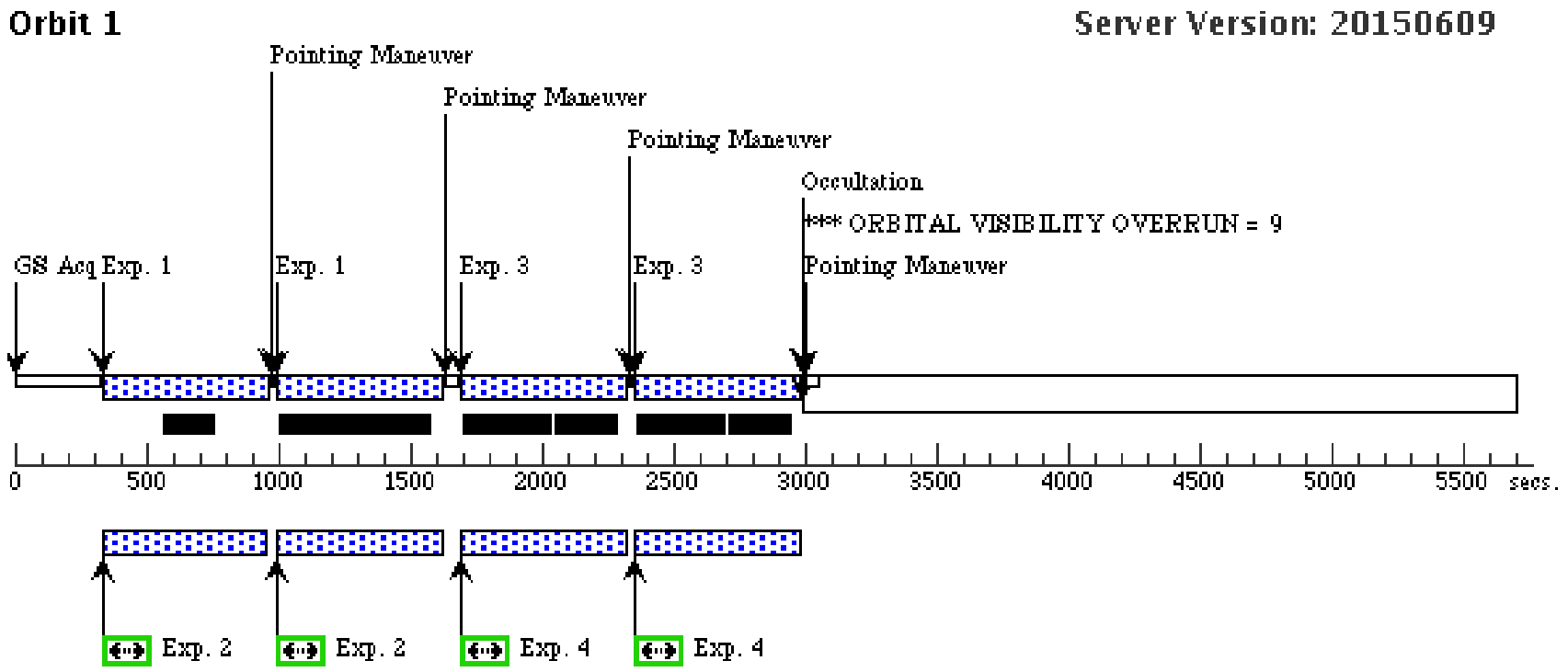
6		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 5-8 Non-Int in M31-2 (10) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M31-2 (10) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M31-2 (10)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
7	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 5-8 Non-Int in M31-2 (10) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M31-2 (10) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
8		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 5-8 Non-Int in M31-2 (10) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M31-2 (10) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M31-2 (10)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
9	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in M31-2 (10) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M31-2 (10) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
10		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 9-12 Non-Int in M31-2 (10) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M31-2 (10) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M31-2 (10)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[3]***

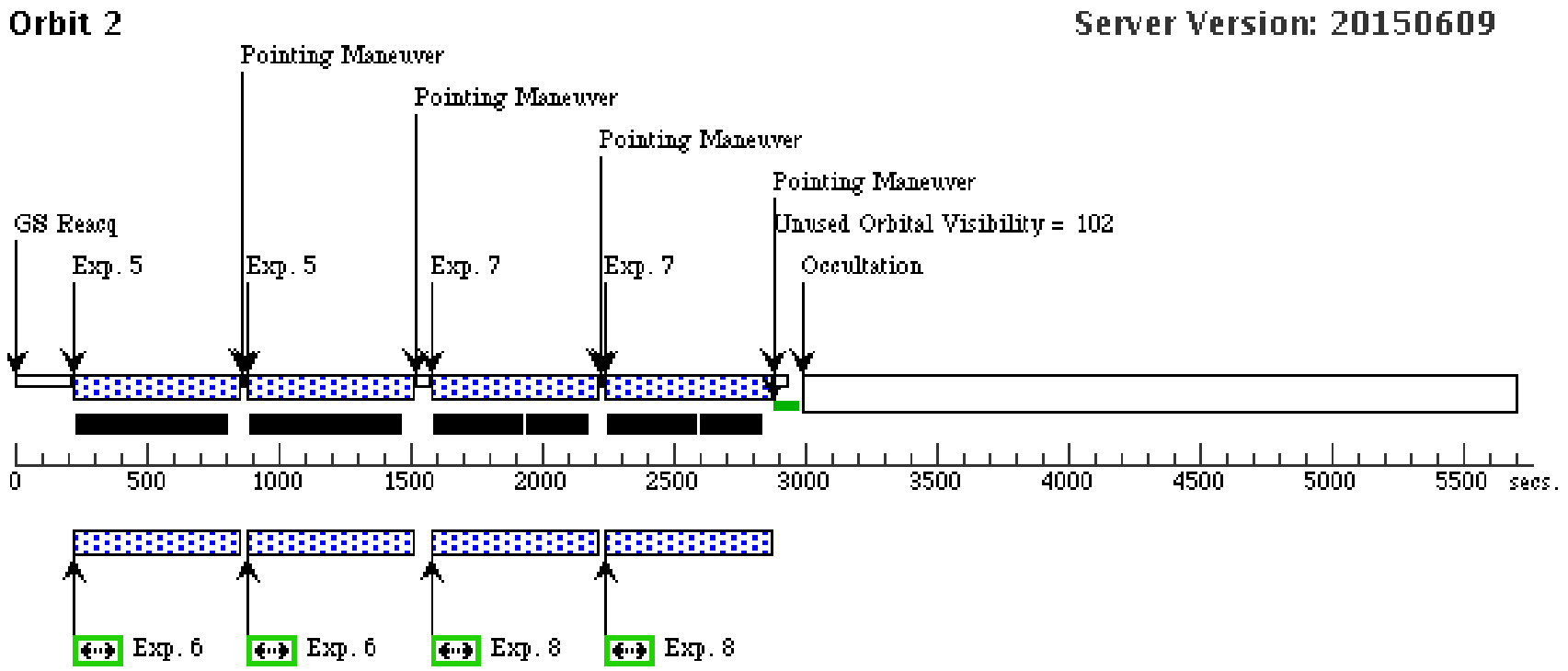
11	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in M31-2 (10) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M31-2 (10) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[3]***
12		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 9-12 Non-Int in M31-2 (10) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M31-2 (10) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M31-2 (10)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[3]***
13	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in M31-2 (10) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M31-2 (10) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***
14		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 13-16 Non-Int in M31-2 (10) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M31-2 (10) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M31-2 (10)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[4]***
15	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in M31-2 (10) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M31-2 (10) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***

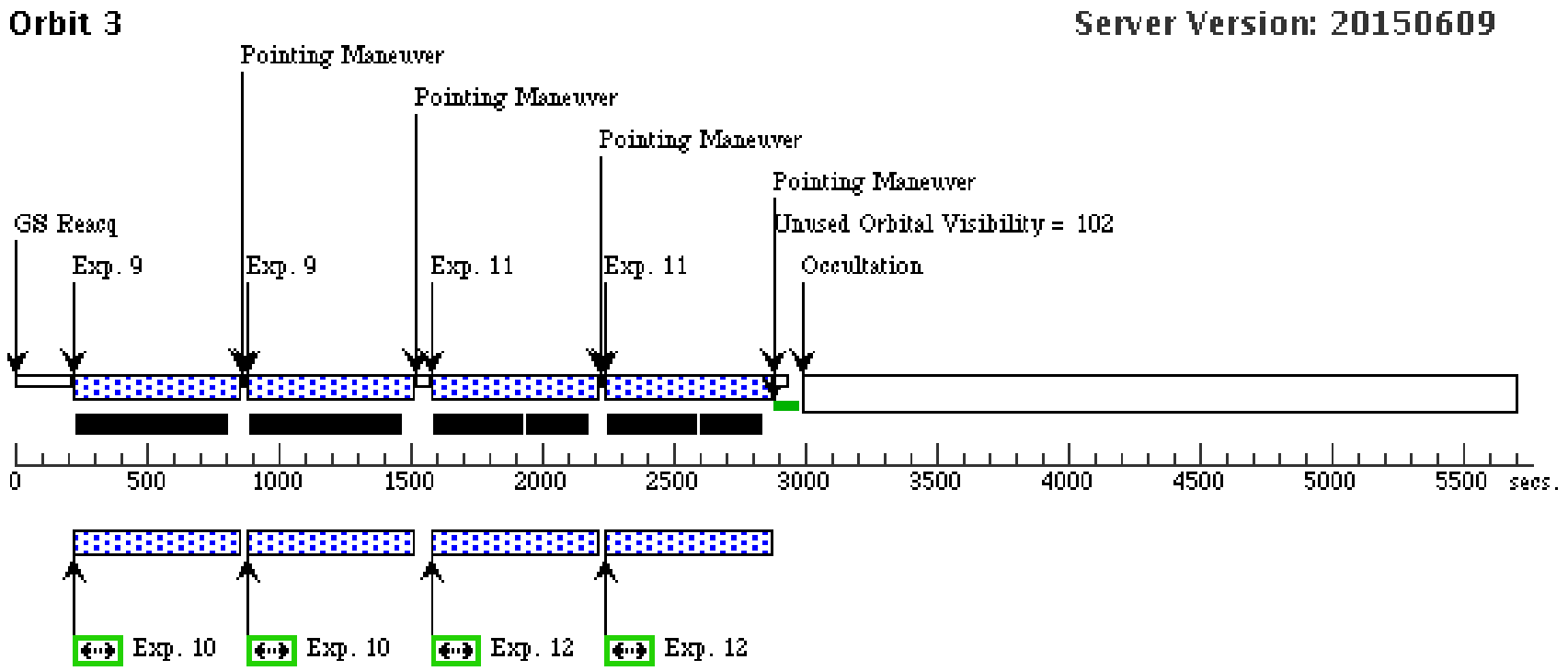
16		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 13-16 Non-Int in M31-2 (10) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M31-2 (10) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M31-2 (10)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[4]***
17	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M31-2 (10) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M31-2 (10) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
18		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 17-20 Non-Int in M31-2 (10) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M31-2 (10) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M31-2 (10)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***
19	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M31-2 (10) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M31-2 (10) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
20		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 17-20 Non-Int in M31-2 (10) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M31-2 (10) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M31-2 (10)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***

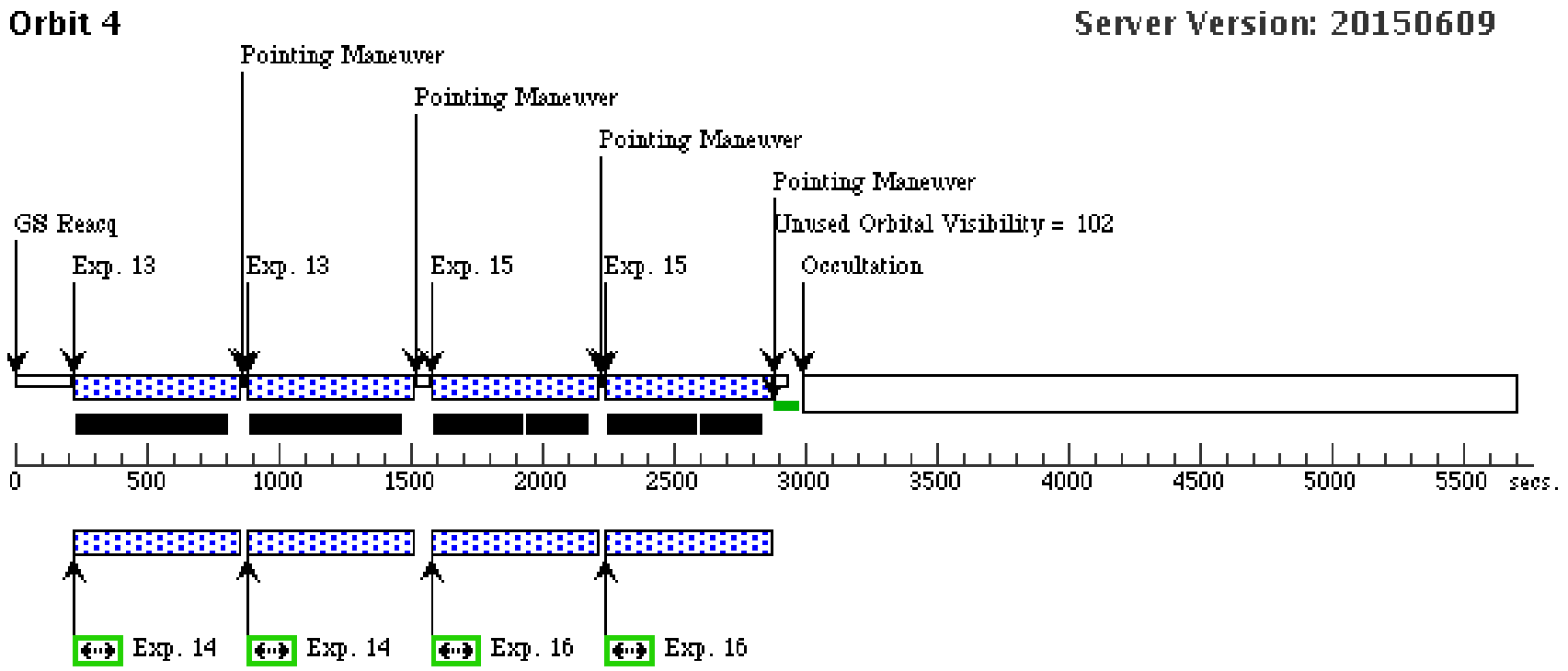
	21	F160W	(29) MESSIER-031-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in M31-2 (10) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M31-2 (10) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	22		(29) MESSIER-031-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 21-24 Non-Int in M31-2 (10) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M31-2 (10) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M31-2 (10)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***
	23	F160W	(3) MESSIER-031-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in M31-2 (10) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M31-2 (10) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M31-2 (10)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	24		(3) MESSIER-031-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 21-24 Non-Int in M31-2 (10) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M31-2 (10) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M31-2 (10)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***

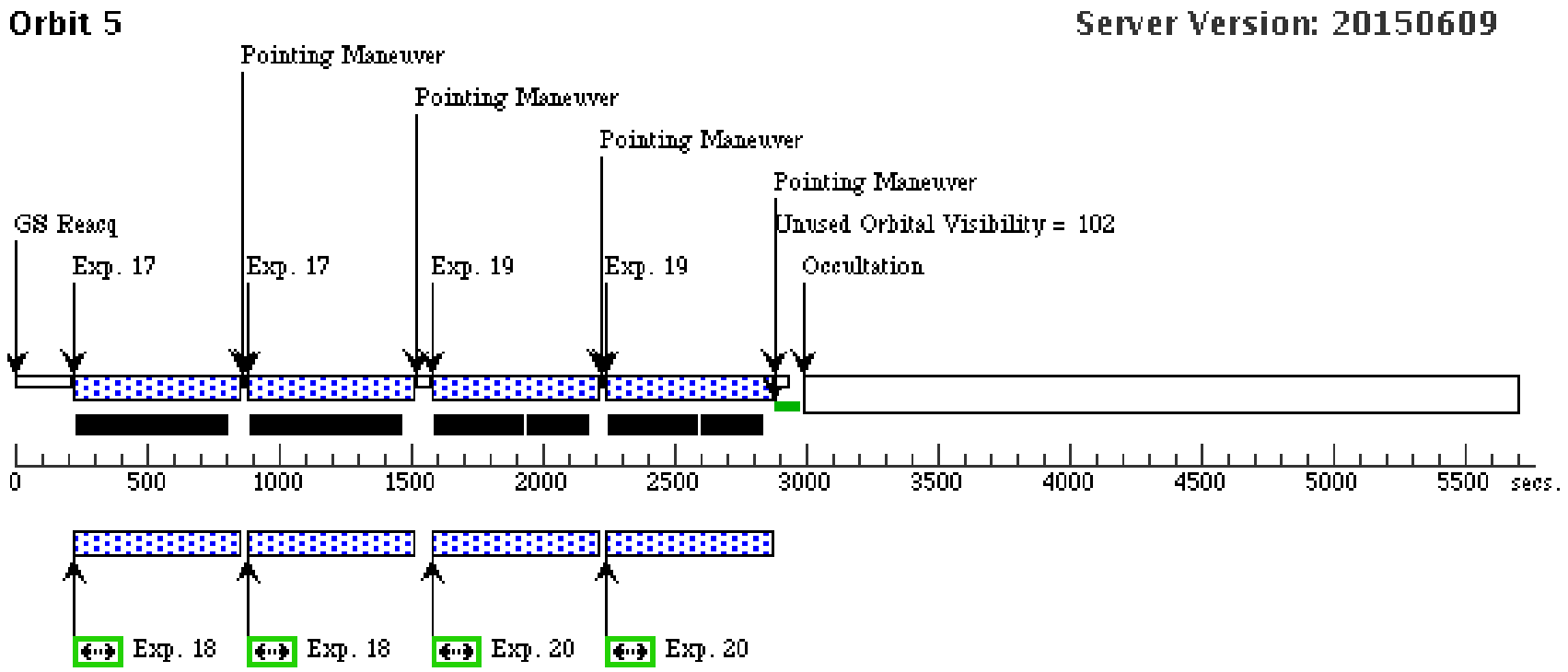
Orbit Structure

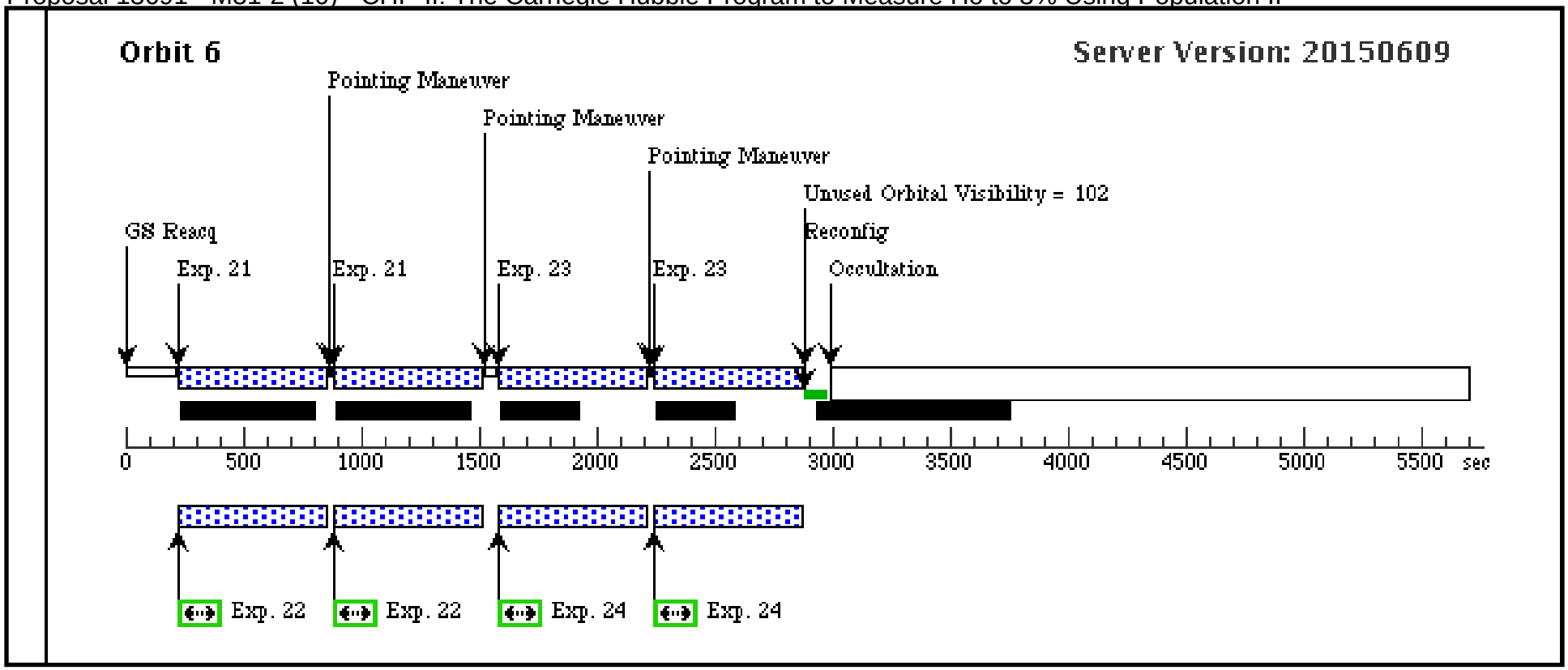



Orbit 2
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Reacq
Unused Orbital Visibility = 102
Exp. 5
Exp. 5
Exp. 7
Exp. 7
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 6
Exp. 6
Exp. 8
Exp. 8


Orbit 3
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Reacq
Unused Orbital Visibility = 102
Exp. 9
Exp. 9
Exp. 11
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 10
Exp. 12
Exp. 12


Orbit 4
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Reacq
Unused Orbital Visibility = 102
Exp. 13
Exp. 13
Exp. 15
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 14
Exp. 14
Exp. 16
Exp. 16


Orbit 5
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Reacq
Unused Orbital Visibility = 102
Exp. 17
Exp. 17
Exp. 19
Exp. 19
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 18
Exp. 18
Exp. 20
Exp. 20


Orbit 6
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 102
GS Reacq
Exp. 21
Exp. 21
Exp. 23
Exp. 23
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 22
Exp. 22
Exp. 24
Exp. 24

Visit

Proposal 13691, M32-1 (11), completed Fri Aug 28 01:08:59 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 43D TO 47 D

Diagnostics

(M32-1 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10), (11-12), (13-14), (15-16), (17-18), (19-20), (21-22), (23-24)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	MESSIER-032-FIELD1	RA: 00 42 58.1000 (10.7420833d) Dec: +40 51 30.00 (40.85833d) Equinox: J2000		V=9.72	Reference Frame: NED
Comments: This object was generated by the targetselector and retrieved from the NED database.					
(31)	MESSIER-032-FIELD2	RA: 00 42 50.7000 (10.7112500d) Dec: +40 50 10.00 (40.83611d) Equinox: J2000		V=9.72	Reference Frame: NED
Comments: This object was generated by the targetselector and retrieved from the NED database.					

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in M32-1 (11) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M32-1 (11) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-4 Non-Int in M32-1 (11) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M32-1 (11) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M32-1 (11)	419 Secs (922 Secs) *[==>(Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
3	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in M32-1 (11) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M32-1 (11) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-4 Non-Int in M32-1 (11) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M32-1 (11) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M32-1 (11)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
5	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 5-8 Non-Int in M32-1 (11) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M32-1 (11) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***

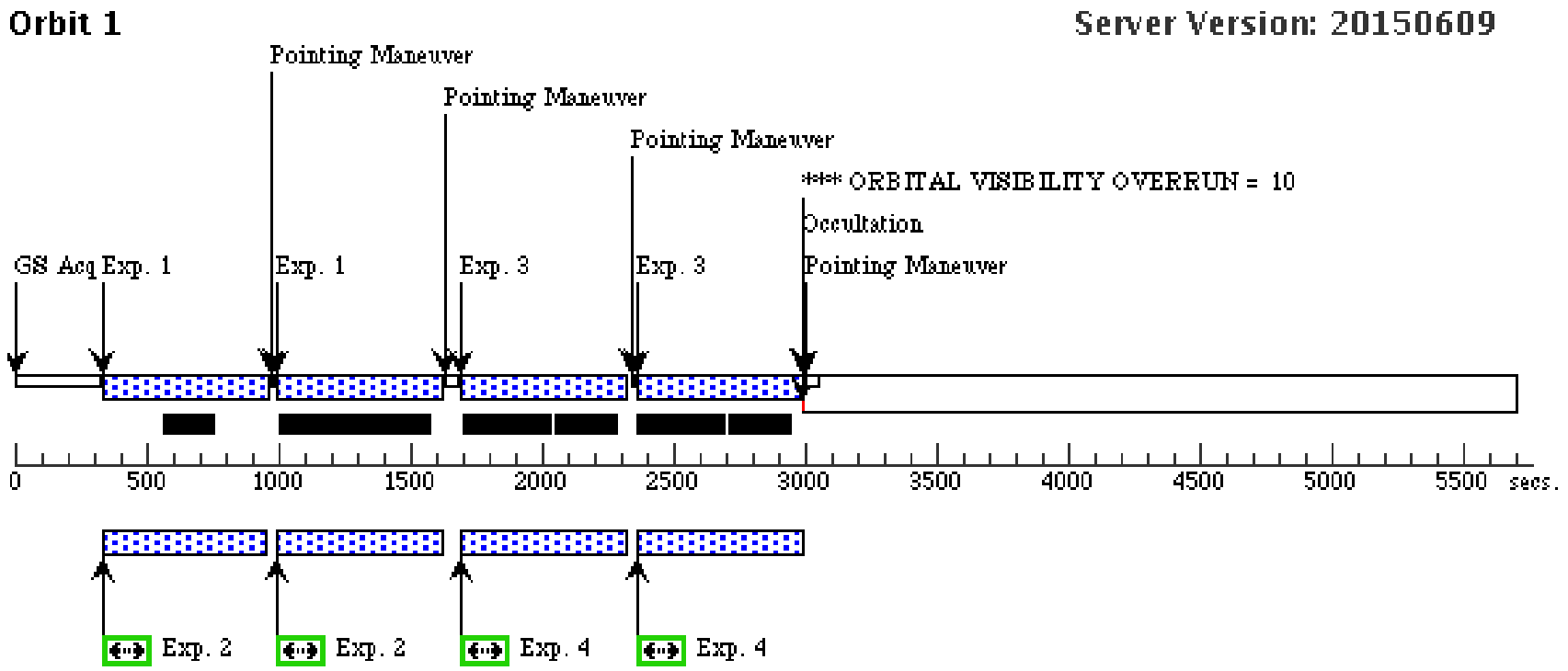
6		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 5-8 Non-Int in M32-1 (11) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M32-1 (11) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M32-1 (11)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
7	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 5-8 Non-Int in M32-1 (11) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M32-1 (11) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
8		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 5-8 Non-Int in M32-1 (11) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M32-1 (11) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M32-1 (11)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
9	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in M32-1 (11) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M32-1 (11) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
10		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 9-12 Non-Int in M32-1 (11) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M32-1 (11) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M32-1 (11)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[3]***

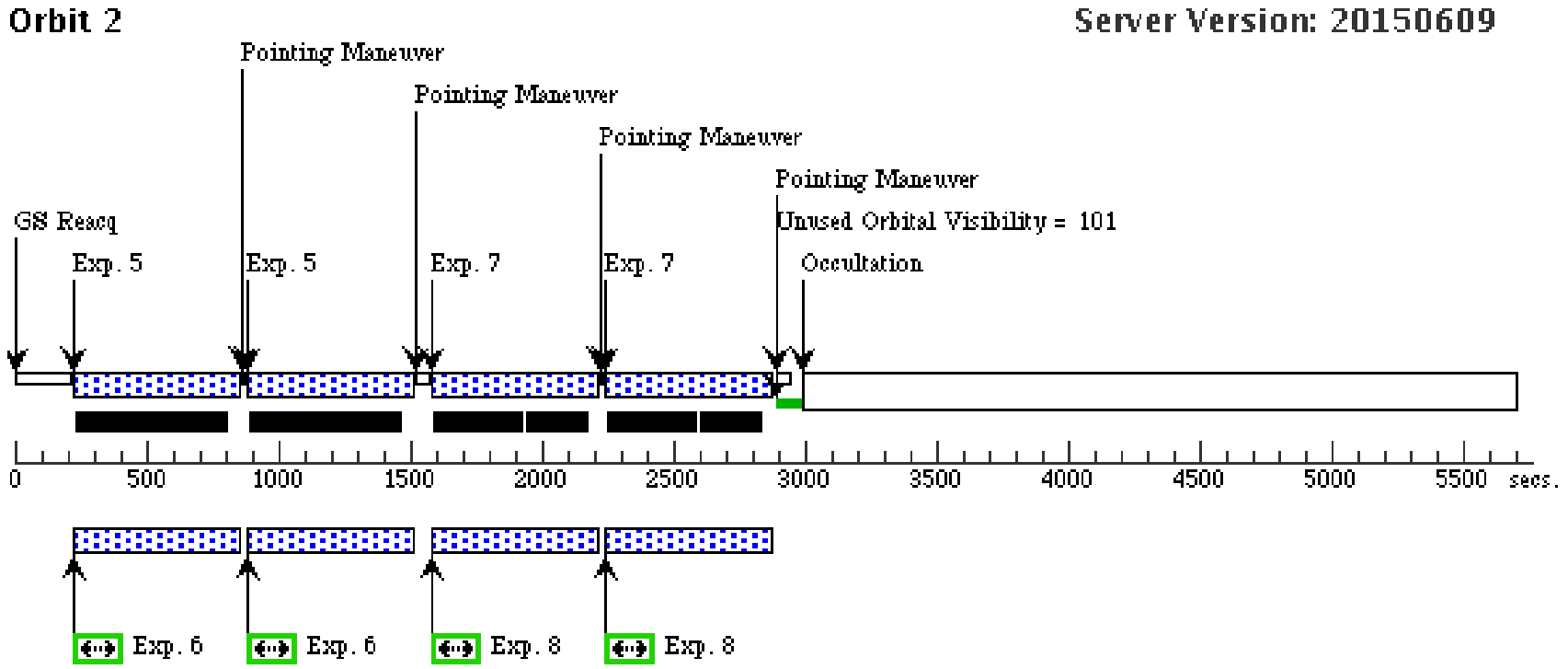
11	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in M32-1 (11) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M32-1 (11) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[3]***
12		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 9-12 Non-Int in M32-1 (11) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M32-1 (11) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M32-1 (11)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[3]***
13	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in M32-1 (11) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M32-1 (11) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***
14		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 13-16 Non-Int in M32-1 (11) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M32-1 (11) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M32-1 (11)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[4]***
15	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in M32-1 (11) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M32-1 (11) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***

16		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 13-16 Non-Int in M32-1 (11) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M32-1 (11) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M32-1 (11)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[4]***
17	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M32-1 (11) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M32-1 (11) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
18		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 17-20 Non-Int in M32-1 (11) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M32-1 (11) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M32-1 (11)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***
19	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M32-1 (11) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M32-1 (11) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
20		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 17-20 Non-Int in M32-1 (11) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M32-1 (11) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M32-1 (11)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***

	21	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in M32-1 (11) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M32-1 (11) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	22		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 21-24 Non-Int in M32-1 (11) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M32-1 (11) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M32-1 (11)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***
	23	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in M32-1 (11) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M32-1 (11) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M32-1 (11)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	24		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 21-24 Non-Int in M32-1 (11) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M32-1 (11) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M32-1 (11)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***

Orbit Structure

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Exp. 5
Exp. 7
Exp. 7
Occultation
0
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secs.
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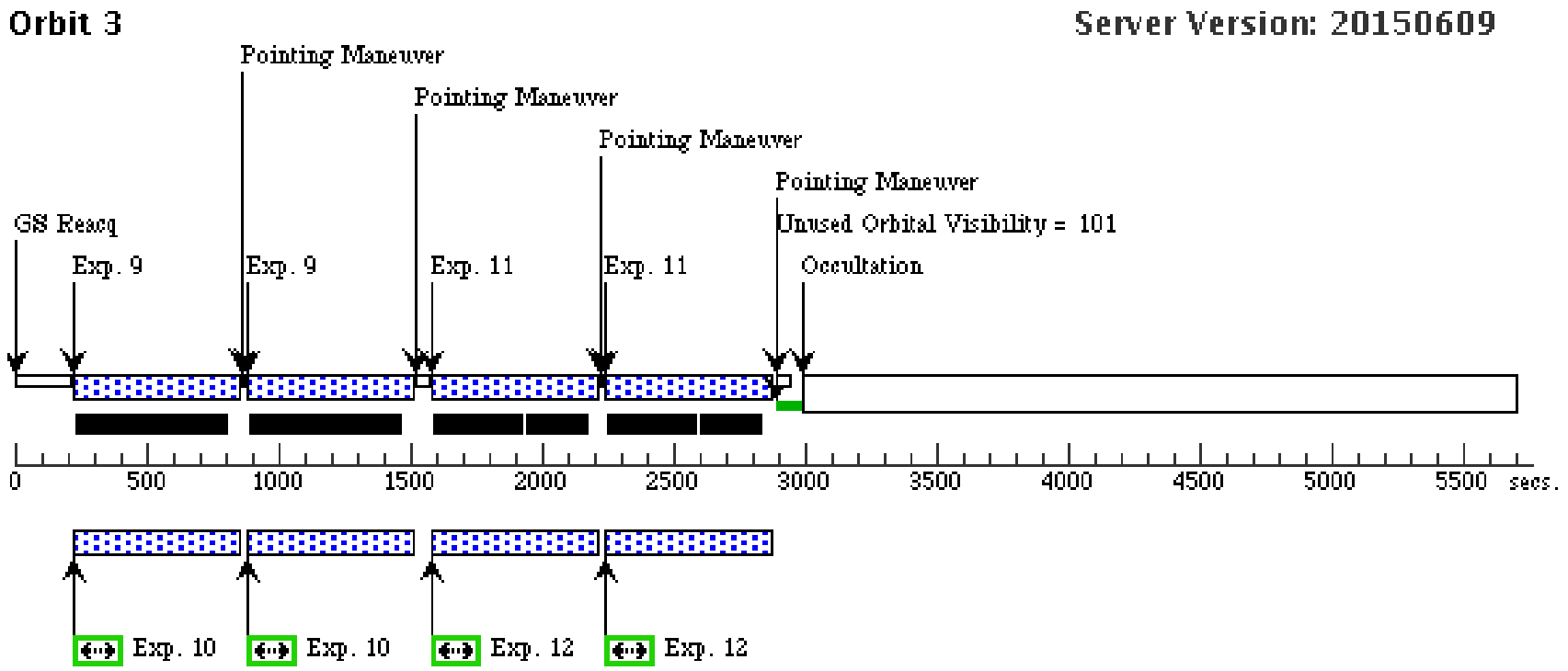
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GS Reacq
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Exp. 9
Exp. 11
Exp. 11
Occultation
0
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secs.
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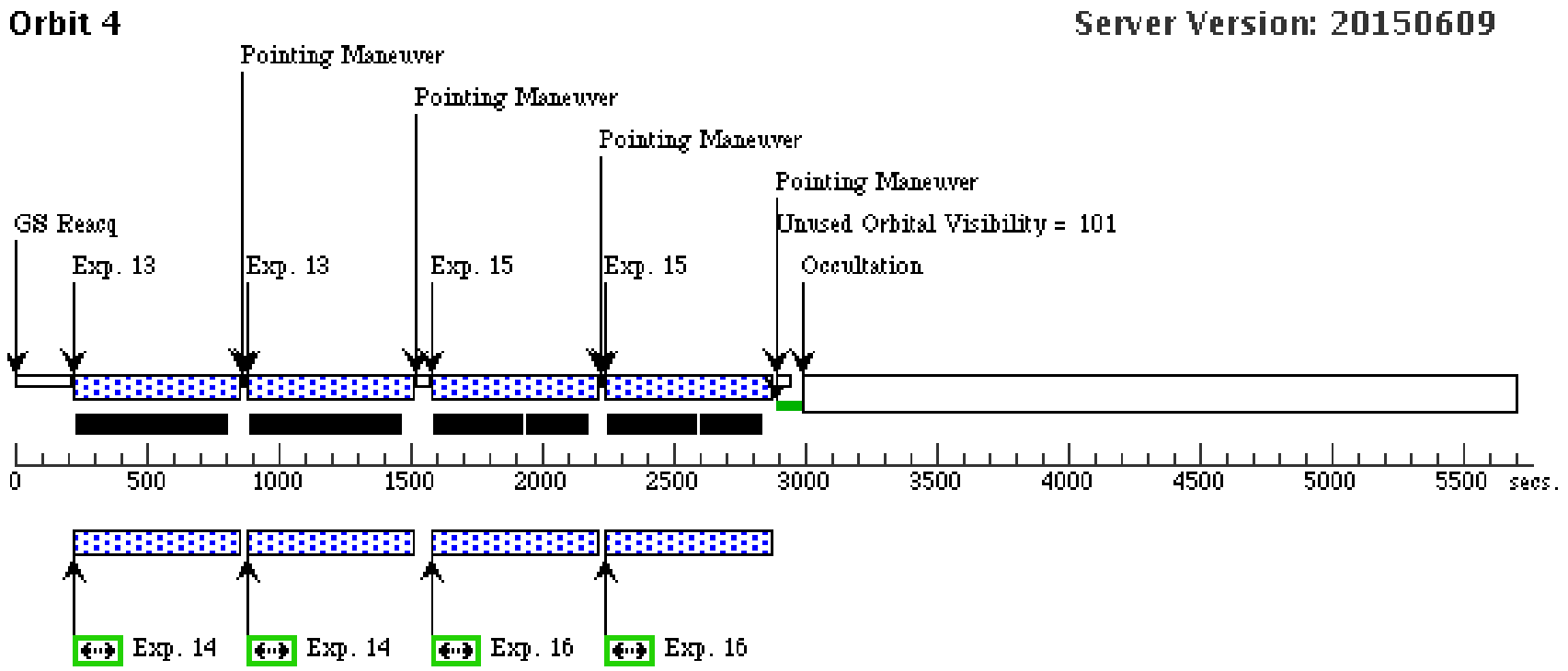
Exp. 10
Exp. 12
Exp. 12


Orbit 4
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Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Reacq
Unused Orbital Visibility = 101
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Exp. 13
Exp. 15
Exp. 15
Occultation
0
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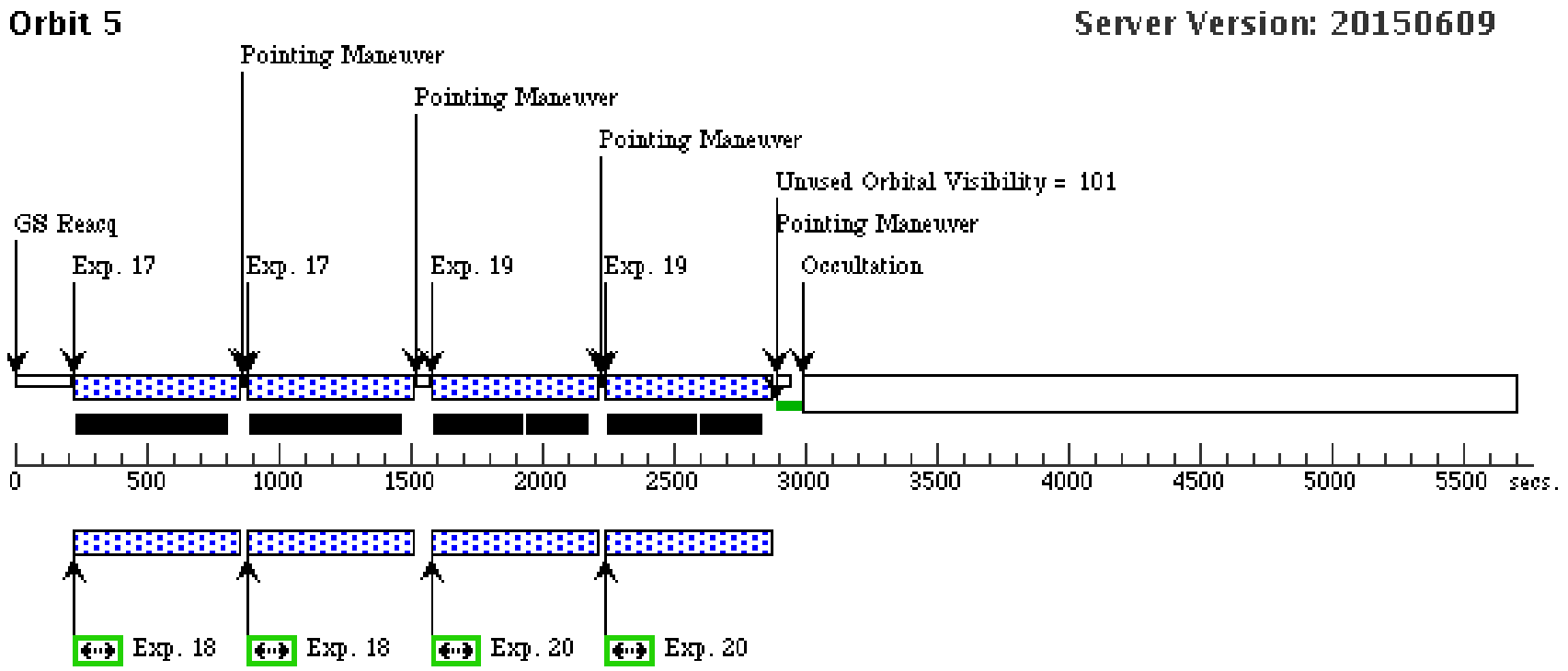
secs.
Exp. 14
Exp. 14
Exp. 16
Exp. 16


Orbit 5
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 101
Pointing Maneuver
GS Reacq
Exp. 17
Exp. 17
Exp. 19
Exp. 19
Occultation
0
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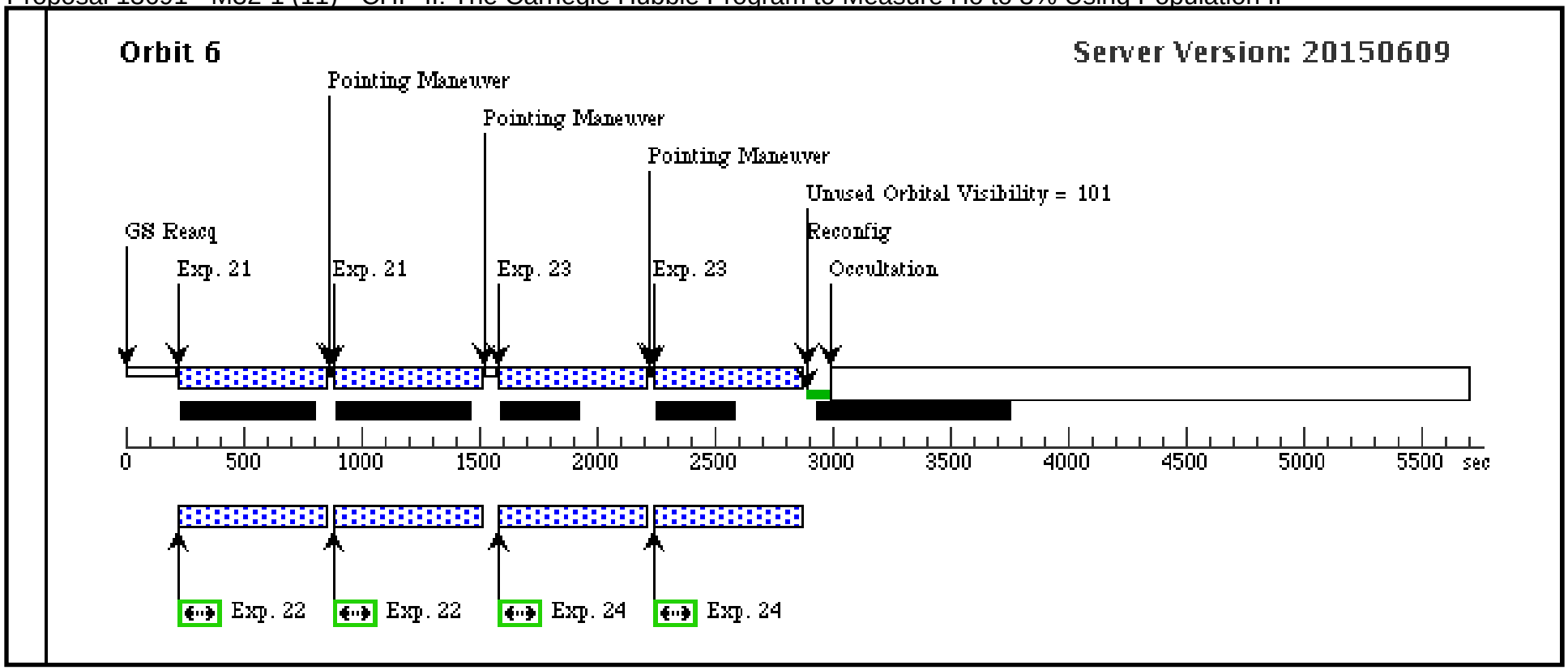
secs.
Exp. 18
Exp. 18
Exp. 20
Exp. 20


Orbit 6
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 101
GS Reacq
Reconfig
Exp. 21
Exp. 21
Exp. 23
Exp. 23
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 22
Exp. 22
Exp. 24
Exp. 24

Visit

Proposal 13691, M32-2 (12), completed Fri Aug 28 01:08:59 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 43D TO 47 D; AFTER 11 BY 1.5 D TO 1.7 D

Diagnostics

(M32-2 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10), (11-12), (13-14), (15-16), (17-18), (19-20), (21-22), (23-24)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(20)	MESSIER-032-FIELD1	RA: 00 42 58.1000 (10.7420833d) Dec: +40 51 30.00 (40.85833d) Equinox: J2000		V=9.72	Reference Frame: NED
Comments: This object was generated by the targetselector and retrieved from the NED database.					
(31)	MESSIER-032-FIELD2	RA: 00 42 50.7000 (10.7112500d) Dec: +40 50 10.00 (40.83611d) Equinox: J2000		V=9.72	Reference Frame: NED
Comments: This object was generated by the targetselector and retrieved from the NED database.					

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in M32-2 (12) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M32-2 (12) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-4 Non-Int in M32-2 (12) Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M32-2 (12) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Sequence 1-4 Non-Int in M32-2 (12)	419 Secs (922 Secs) *[==>(Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
3	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in M32-2 (12) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M32-2 (12) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-4 Non-Int in M32-2 (12) Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M32-2 (12) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Sequence 1-4 Non-Int in M32-2 (12)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
5	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 5-8 Non-Int in M32-2 (12) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M32-2 (12) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***

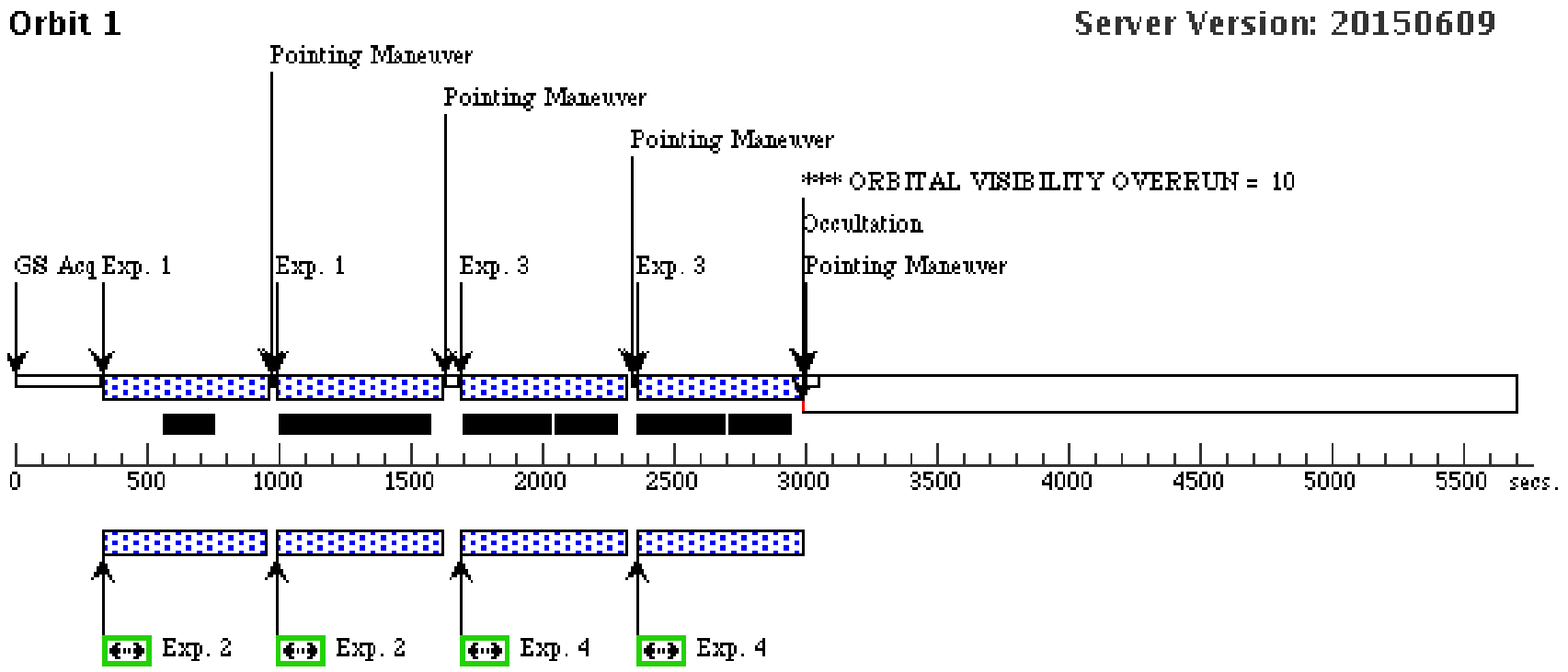
	6		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 5-8 Non-Int in M32-2 (12) Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M32-2 (12) (1) Prime + Parallel Group 5-6 in Pattern 1, Exps 5-6 in Sequence 5-8 Non-Int in M32-2 (12)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
	7	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 5-8 Non-Int in M32-2 (12) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M32-2 (12) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
	8		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 5-8 Non-Int in M32-2 (12) Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M32-2 (12) (1) Prime + Parallel Group 7-8 in Pattern 1, Exps 7-8 in Sequence 5-8 Non-Int in M32-2 (12)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
	9	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in M32-2 (12) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M32-2 (12) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
	10		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 9-12 Non-Int in M32-2 (12) Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M32-2 (12) (1) Prime + Parallel Group 9-10 in Pattern 1, Exps 9-10 in Sequence 9-12 Non-Int in M32-2 (12)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[3]***

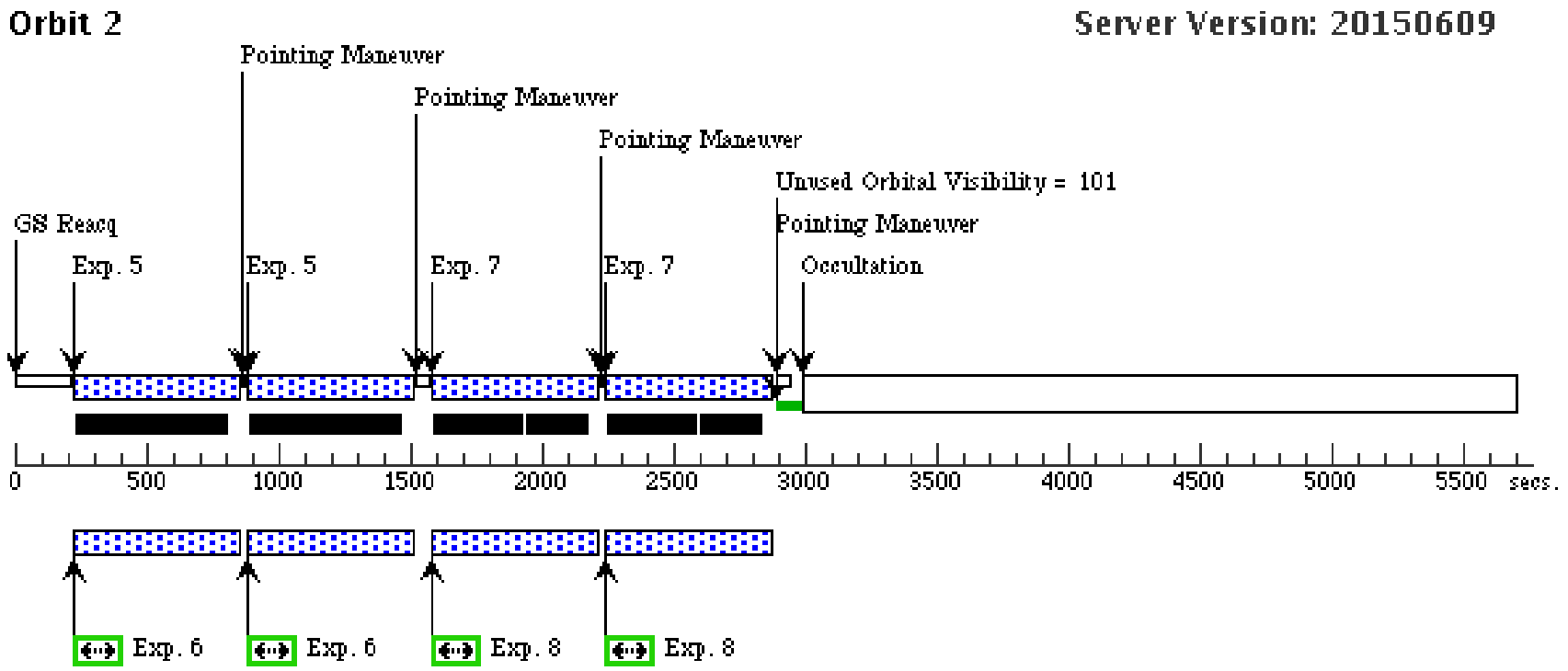
11	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 9-12 Non-Int in M32-2 (12) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M32-2 (12) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[3]***
12		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 9-12 Non-Int in M32-2 (12) Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M32-2 (12) (1) Prime + Parallel Group 11-12 in Pattern 1, Exps 11-12 in Sequence 9-12 Non-Int in M32-2 (12)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[3]***
13	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in M32-2 (12) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M32-2 (12) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***
14		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 13-16 Non-Int in M32-2 (12) Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M32-2 (12) (1) Prime + Parallel Group 13-14 in Pattern 1, Exps 13-14 in Sequence 13-16 Non-Int in M32-2 (12)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*		***[4]***
15	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 13-16 Non-Int in M32-2 (12) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M32-2 (12) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*		***[4]***

16		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 13-16 Non-Int in M32-2 (12) Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M32-2 (12) (1) Prime + Parallel Group 15-16 in Pattern 1, Exps 15-16 in Sequence 13-16 Non-Int in M32-2 (12)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[4]***
17	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M32-2 (12) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M32-2 (12) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
18		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 17-20 Non-Int in M32-2 (12) Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M32-2 (12) (1) Prime + Parallel Group 17-18 in Pattern 1, Exps 17-18 in Sequence 17-20 Non-Int in M32-2 (12)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***
19	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M32-2 (12) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M32-2 (12) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
20		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 17-20 Non-Int in M32-2 (12) Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M32-2 (12) (1) Prime + Parallel Group 19-20 in Pattern 1, Exps 19-20 in Sequence 17-20 Non-Int in M32-2 (12)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***

	21	F160W	(20) MESSIER-032-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in M32-2 (12) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M32-2 (12) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	22		(20) MESSIER-032-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 21-24 Non-Int in M32-2 (12) Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M32-2 (12) (1) Prime + Parallel Group 21-22 in Pattern 1, Exps 21-22 in Sequence 21-24 Non-Int in M32-2 (12)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***
	23	F160W	(31) MESSIER-032-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 21-24 Non-Int in M32-2 (12) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M32-2 (12) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M32-2 (12)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
	24		(31) MESSIER-032-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 21-24 Non-Int in M32-2 (12) Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M32-2 (12) (1) Prime + Parallel Group 23-24 in Pattern 1, Exps 23-24 in Sequence 21-24 Non-Int in M32-2 (12)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***

Orbit Structure

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Pointing Maneuver
Unused Orbital Visibility = 101
Pointing Maneuver
GS Reacq
Exp. 5
Exp. 5
Exp. 7
Exp. 7
Occultation
0
500
1000
1500
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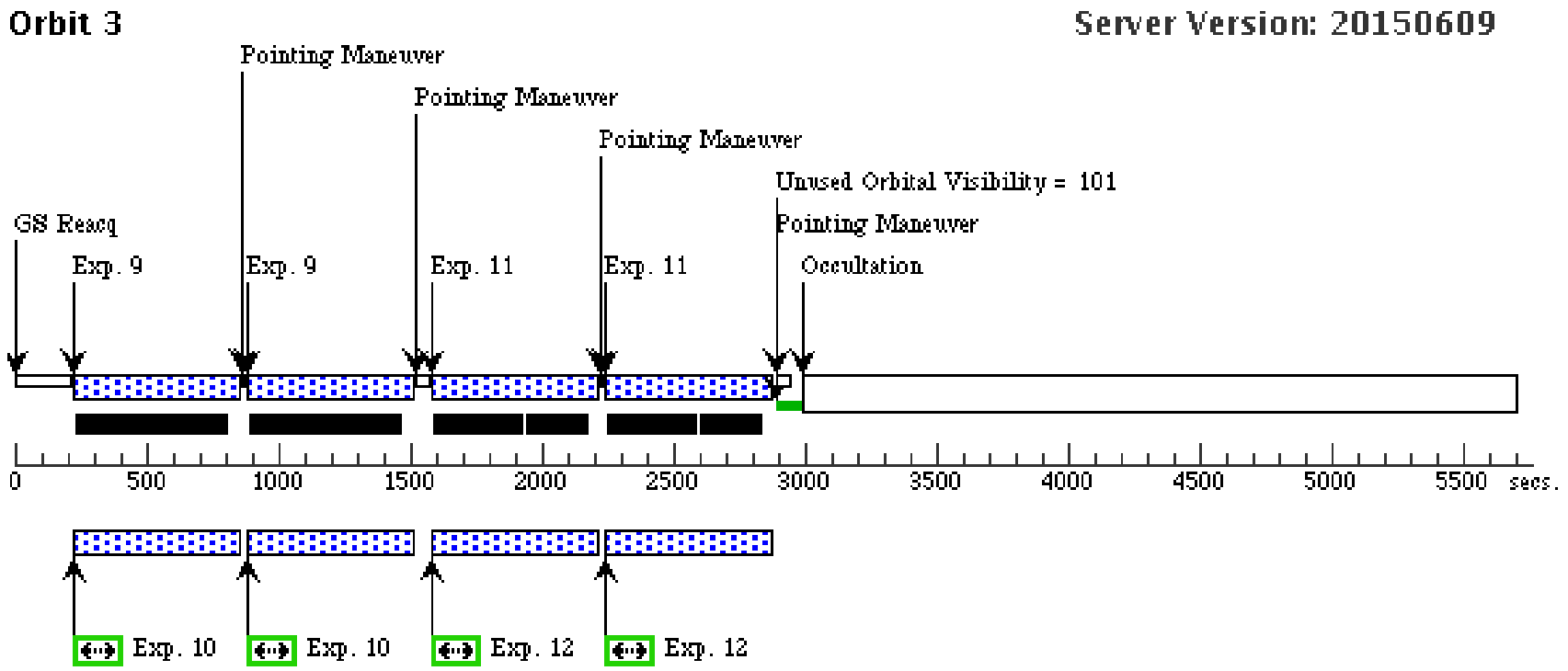
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 6
Exp. 6
Exp. 8
Exp. 8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Server Version: 20150609
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Pointing Maneuver
Unused Orbital Visibility = 101
Pointing Maneuver
GS Reacq
Exp. 9
Exp. 9
Exp. 11
Exp. 11
Occultation
0
500
1000
1500
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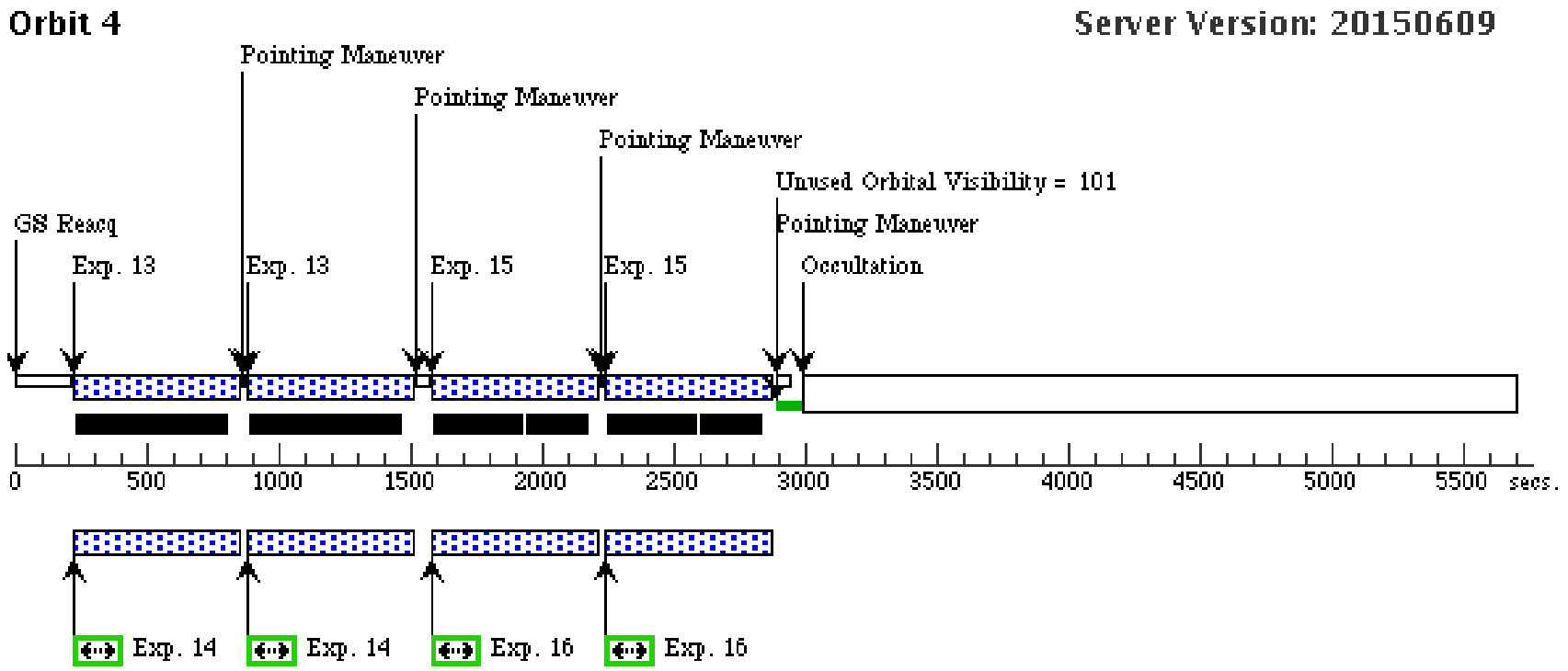
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 10
Exp. 12
Exp. 12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Server Version: 20150609
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Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 101
Pointing Maneuver
GS Reacq
Exp. 13
Exp. 13
Exp. 15
Exp. 15
Occultation
0
500
1000
1500
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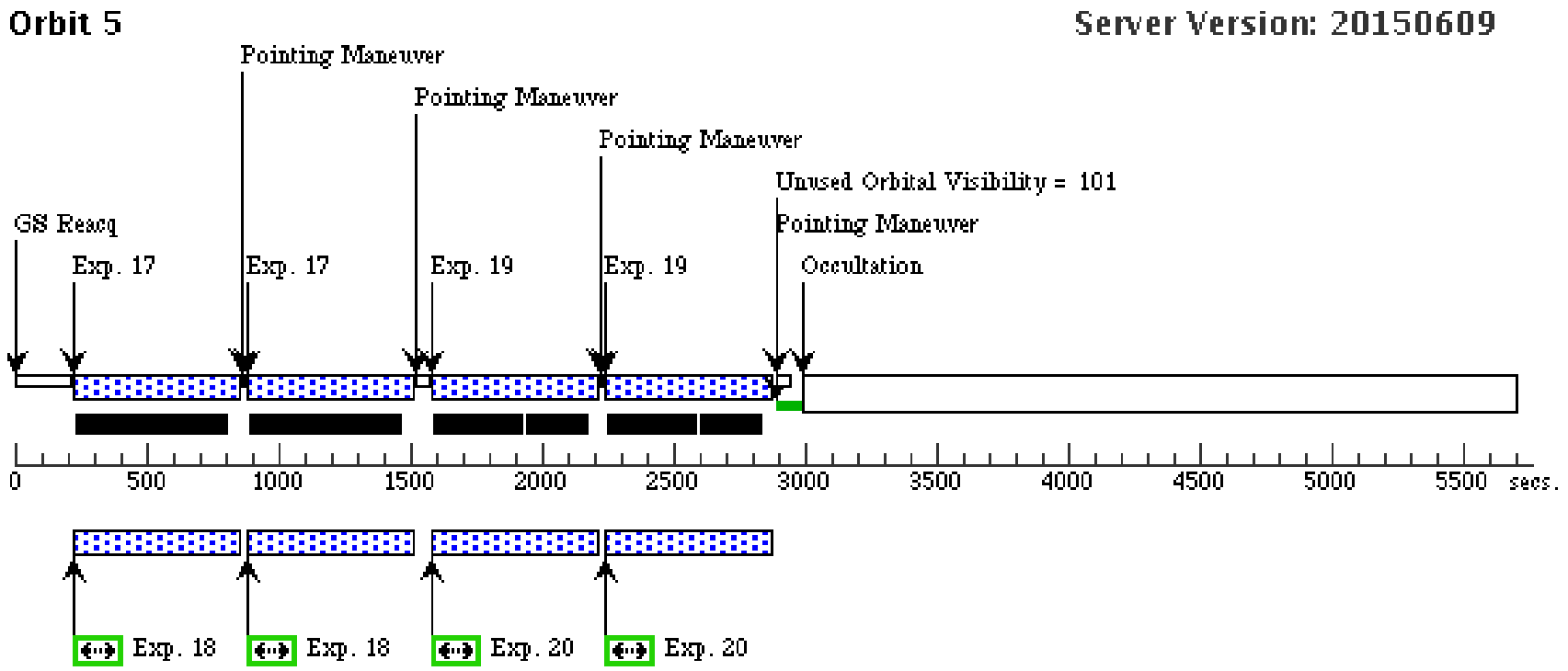
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 14
Exp. 14
Exp. 16
Exp. 16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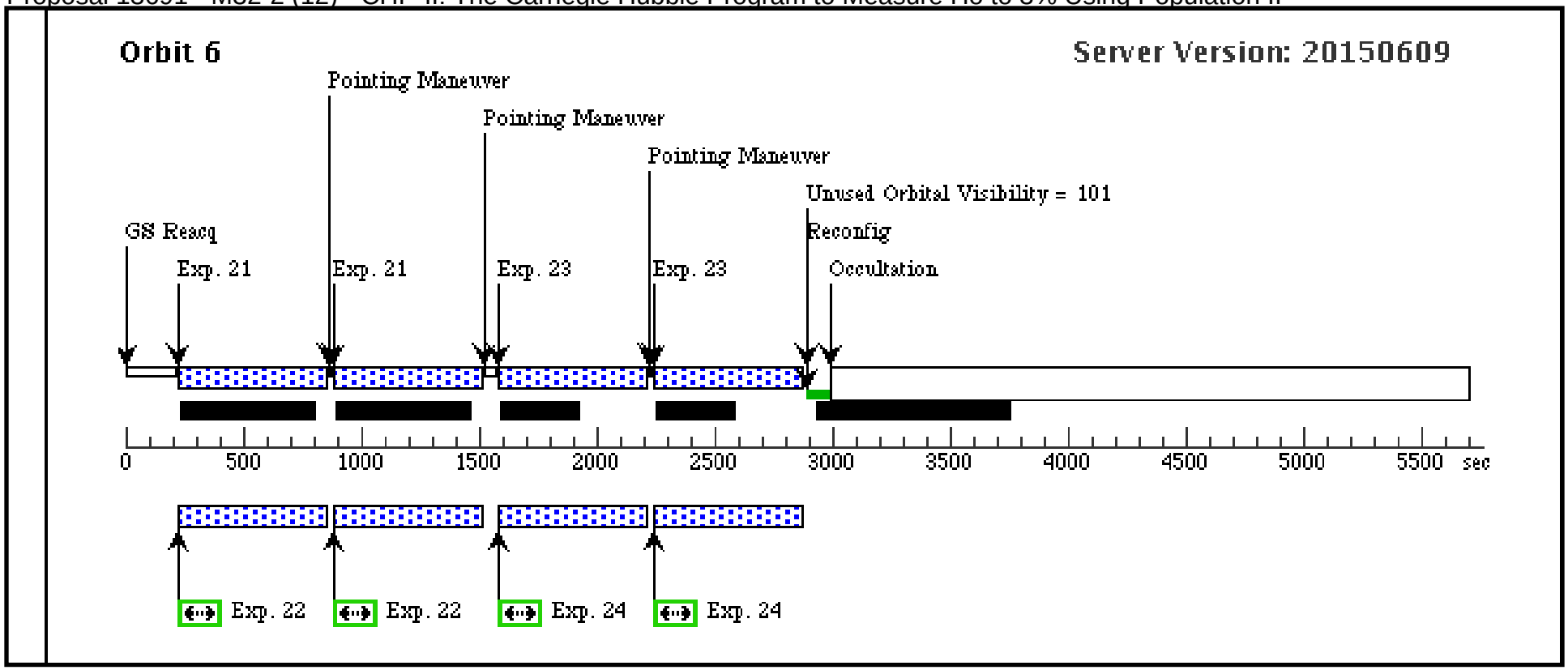
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 101
Pointing Maneuver
GS Reacq
Exp. 17
Exp. 17
Exp. 19
Exp. 19
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 18
Exp. 18
Exp. 20
Exp. 20


Orbit 6
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Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 101
GS Reacq
Reconfig
Exp. 21
Exp. 21
Exp. 23
Exp. 23
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 22
Exp. 22
Exp. 24
Exp. 24

Visit

Proposal 13691, M33-1 (13), completed Fri Aug 28 01:08:59 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 265D TO 275 D

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(10)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.5755 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=18.434 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10), (11-12), (13-14), (15-16), (17-18), (19-20), (21-22), (23-24)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	M-33-FIELD1	RA: 01 33 39.8000 (23.4158333d) Dec: +30 27 47.00 (30.46306d) Equinox: J2000		V=6.27	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
(32)	M-33-FIELD2	RA: 01 33 35.3000 (23.3970833d) Dec: +30 29 7.00 (30.48528d) Equinox: J2000		V=6.27	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	GS ACQ SCENARIO SINGLE	Sequence 1-4 Non-Int in M33-1 (13) Pattern 10, Exps 1-2 in Sequence 1-4 Non-Int in M33-1 (13) (10) Prime + Parallel Group 1-2 in Pattern 10, Exps 1-2 in Sequence 1-4 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-4 Non-Int in M33-1 (13) Pattern 10, Exps 1-2 in Sequence 1-4 Non-Int in M33-1 (13) (10) Prime + Parallel Group 1-2 in Pattern 10, Exps 1-2 in Sequence 1-4 Non-Int in M33-1 (13)	419 Secs (922 Secs) *[==>(Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
3	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in M33-1 (13) Pattern 10, Exps 3-4 in Sequence 1-4 Non-Int in M33-1 (13) (10) Prime + Parallel Group 3-4 in Pattern 10, Exps 3-4 in Sequence 1-4 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F814W			Sequence 1-4 Non-Int in M33-1 (13) Pattern 10, Exps 3-4 in Sequence 1-4 Non-Int in M33-1 (13) (10) Prime + Parallel Group 3-4 in Pattern 10, Exps 3-4 in Sequence 1-4 Non-Int in M33-1 (13)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
5	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 5-8 Non-Int in M33-1 (13) Pattern 10, Exps 5-6 in Sequence 5-8 Non-Int in M33-1 (13) (10) Prime + Parallel Group 5-6 in Pattern 10, Exps 5-6 in Sequence 5-8 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***

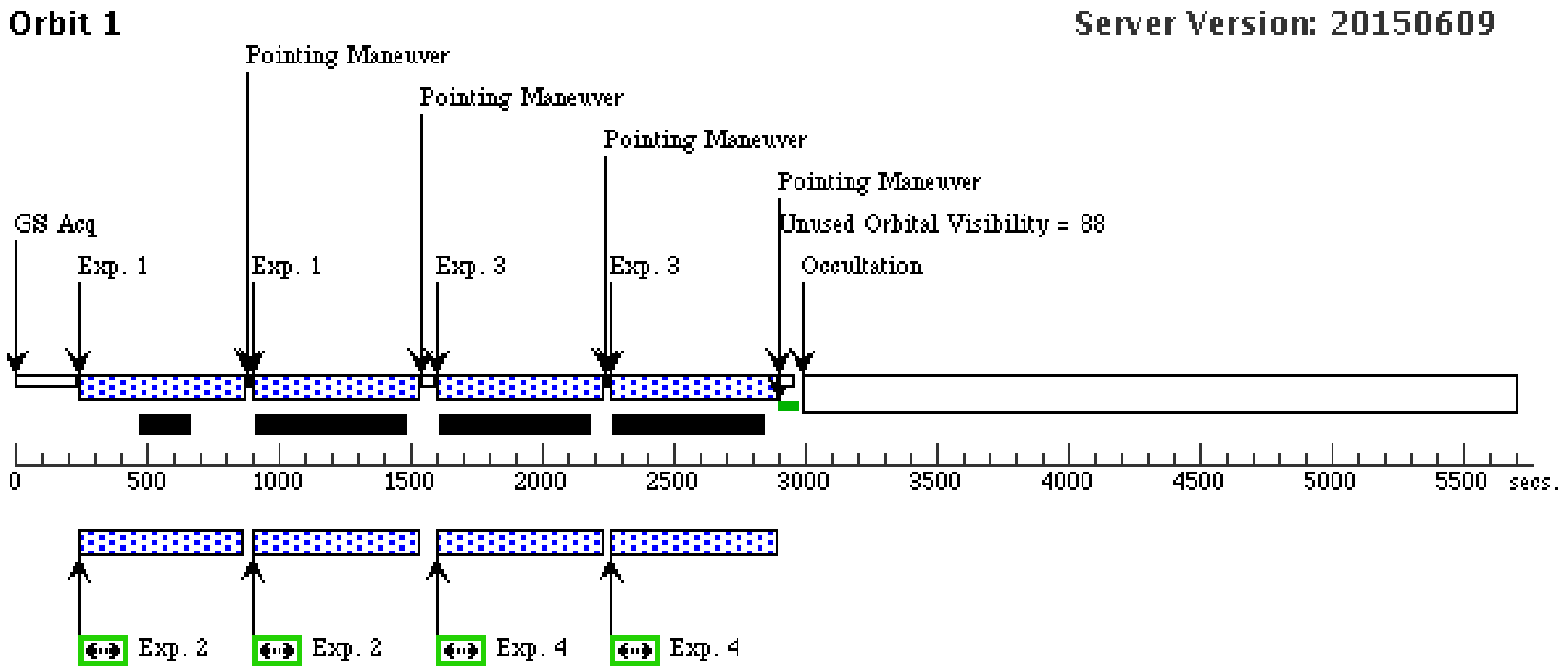
6		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F814W			Sequence 5-8 Non-Int in M33-1 (13) Pattern 10, Exps 5-6 in Sequence 5-8 Non-Int in M33-1 (13) (10) Prime + Parallel Group 5-6 in Pattern 10, Exps 5-6 in Sequence 5-8 Non-Int in M33-1 (13)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
7	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 5-8 Non-Int in M33-1 (13) Pattern 10, Exps 7-8 in Sequence 5-8 Non-Int in M33-1 (13) (10) Prime + Parallel Group 7-8 in Pattern 10, Exps 7-8 in Sequence 5-8 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
8		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F814W			Sequence 5-8 Non-Int in M33-1 (13) Pattern 10, Exps 7-8 in Sequence 5-8 Non-Int in M33-1 (13) (10) Prime + Parallel Group 7-8 in Pattern 10, Exps 7-8 in Sequence 5-8 Non-Int in M33-1 (13)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
9	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 9-12 Non-Int in M33-1 (13) Pattern 10, Exps 9-10 in Sequence 9-12 Non-Int in M33-1 (13) (10) Prime + Parallel Group 9-10 in Pattern 10, Exps 9-10 in Sequence 9-12 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
10		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F814W			Sequence 9-12 Non-Int in M33-1 (13) Pattern 10, Exps 9-10 in Sequence 9-12 Non-Int in M33-1 (13) (10) Prime + Parallel Group 9-10 in Pattern 10, Exps 9-10 in Sequence 9-12 Non-Int in M33-1 (13)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[3]***

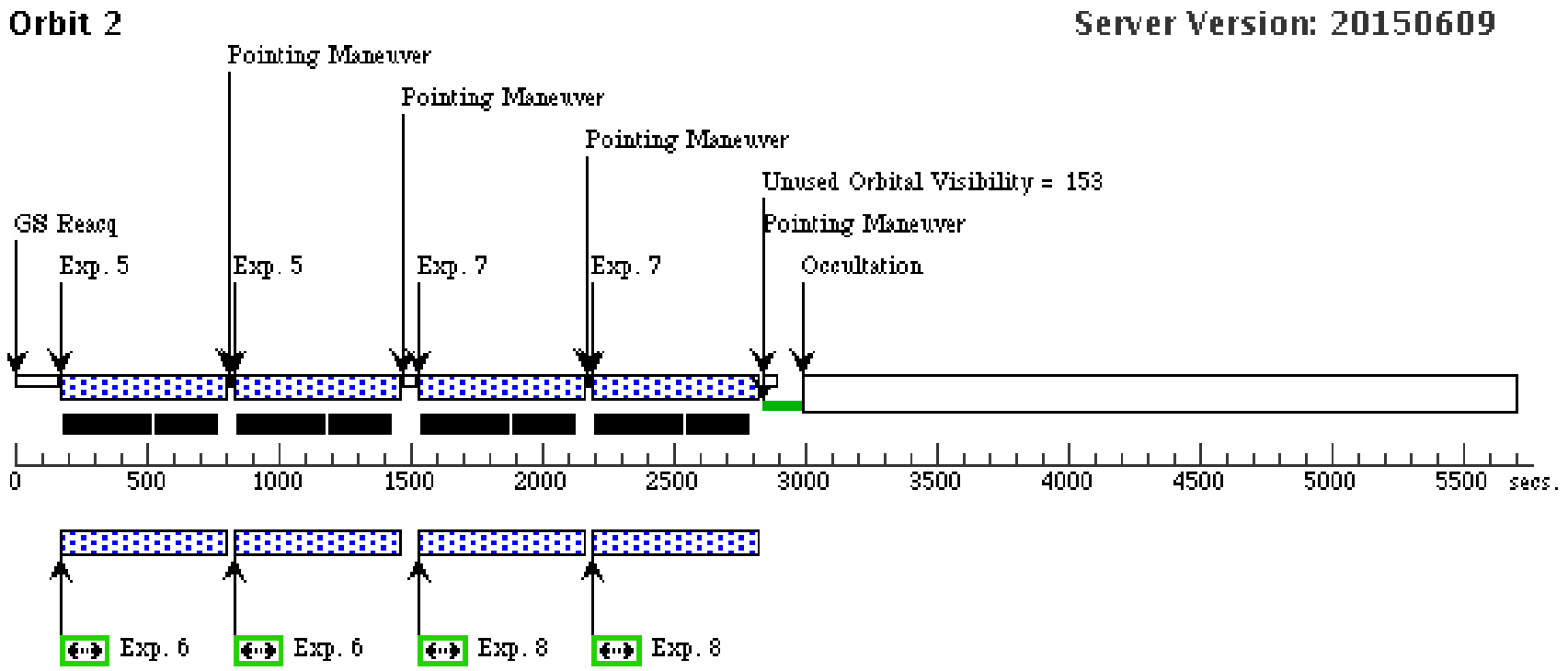
11	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 9-12 Non-Int in M33-1 (13) Pattern 10, Exps 11-12 in Sequence 9-12 Non-Int in M33-1 (13) (10) Prime + Parallel Group 11-12 in Pattern 10, Exps 11-12 in Sequence 9-12 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
12		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F814W			Sequence 9-12 Non-Int in M33-1 (13) Pattern 10, Exps 11-12 in Sequence 9-12 Non-Int in M33-1 (13) (10) Prime + Parallel Group 11-12 in Pattern 10, Exps 11-12 in Sequence 9-12 Non-Int in M33-1 (13)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[3]***
13	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 13-16 Non-Int in M33-1 (13) Pattern 10, Exps 13-14 in Sequence 13-16 Non-Int in M33-1 (13) (10) Prime + Parallel Group 13-14 in Pattern 10, Exps 13-14 in Sequence 13-16 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***
14		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F814W			Sequence 13-16 Non-Int in M33-1 (13) Pattern 10, Exps 13-14 in Sequence 13-16 Non-Int in M33-1 (13) (10) Prime + Parallel Group 13-14 in Pattern 10, Exps 13-14 in Sequence 13-16 Non-Int in M33-1 (13)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[4]***
15	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 13-16 Non-Int in M33-1 (13) Pattern 10, Exps 15-16 in Sequence 13-16 Non-Int in M33-1 (13) (10) Prime + Parallel Group 15-16 in Pattern 10, Exps 15-16 in Sequence 13-16 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

16		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 13-16 Non-Int in M33-1 (13) Pattern 10, Exps 15-16 in Sequence 13-16 Non-Int in M33-1 (13) (10) Prime + Parallel Group 15-16 in Pattern 10, Exps 15-16 in Sequence 13-16 Non-Int in M33-1 (13)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[4]***
17	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M33-1 (13) Pattern 10, Exps 17-18 in Sequence 17-20 Non-Int in M33-1 (13) (10) Prime + Parallel Group 17-18 in Pattern 10, Exps 17-18 in Sequence 17-20 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
18		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F814W		Sequence 17-20 Non-Int in M33-1 (13) Pattern 10, Exps 17-18 in Sequence 17-20 Non-Int in M33-1 (13) (10) Prime + Parallel Group 17-18 in Pattern 10, Exps 17-18 in Sequence 17-20 Non-Int in M33-1 (13)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***
19	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M33-1 (13) Pattern 10, Exps 19-20 in Sequence 17-20 Non-Int in M33-1 (13) (10) Prime + Parallel Group 19-20 in Pattern 10, Exps 19-20 in Sequence 17-20 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
20		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F814W		Sequence 17-20 Non-Int in M33-1 (13) Pattern 10, Exps 19-20 in Sequence 17-20 Non-Int in M33-1 (13) (10) Prime + Parallel Group 19-20 in Pattern 10, Exps 19-20 in Sequence 17-20 Non-Int in M33-1 (13)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***

21	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 21-24 Non-Int in M33-1 (13) Pattern 10, Exps 21-22 in Sequence 21-24 Non-Int in M33-1 (13) (10) Prime + Parallel Group 21-22 in Pattern 10, Exps 21-22 in Sequence 21-24 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
22		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F814W			Sequence 21-24 Non-Int in M33-1 (13) Pattern 10, Exps 21-22 in Sequence 21-24 Non-Int in M33-1 (13) (10) Prime + Parallel Group 21-22 in Pattern 10, Exps 21-22 in Sequence 21-24 Non-Int in M33-1 (13)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***
23	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 21-24 Non-Int in M33-1 (13) Pattern 10, Exps 23-24 in Sequence 21-24 Non-Int in M33-1 (13) (10) Prime + Parallel Group 23-24 in Pattern 10, Exps 23-24 in Sequence 21-24 Non-Int in M33-1 (13)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
24		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F814W			Sequence 21-24 Non-Int in M33-1 (13) Pattern 10, Exps 23-24 in Sequence 21-24 Non-Int in M33-1 (13) (10) Prime + Parallel Group 23-24 in Pattern 10, Exps 23-24 in Sequence 21-24 Non-Int in M33-1 (13)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***

Orbit Structure

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GS Reacq
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Exp. 5
Exp. 7
Exp. 7
Occultation
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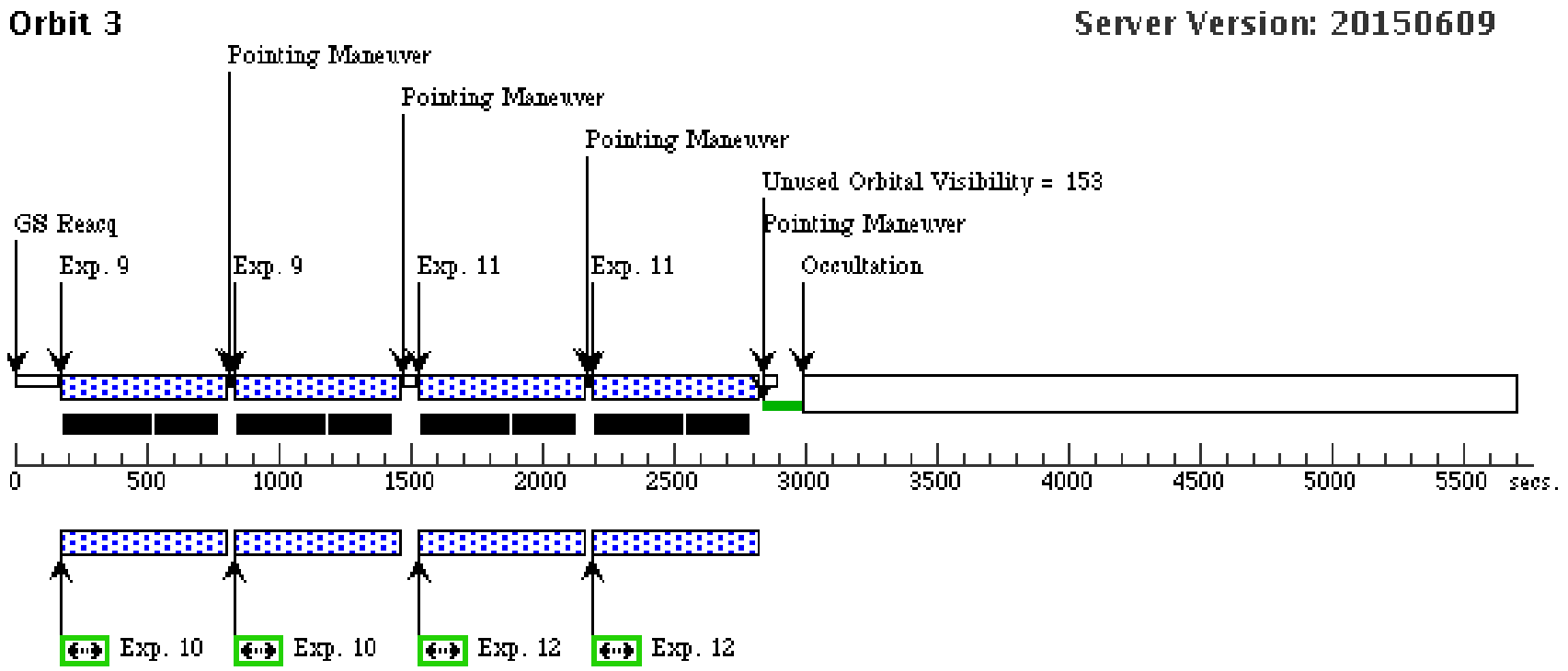
secs.
Exp. 6
Exp. 6
Exp. 8
Exp. 8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Unused Orbital Visibility = 153
Pointing Maneuver
GS Reacq
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Exp. 9
Exp. 11
Exp. 11
Occultation
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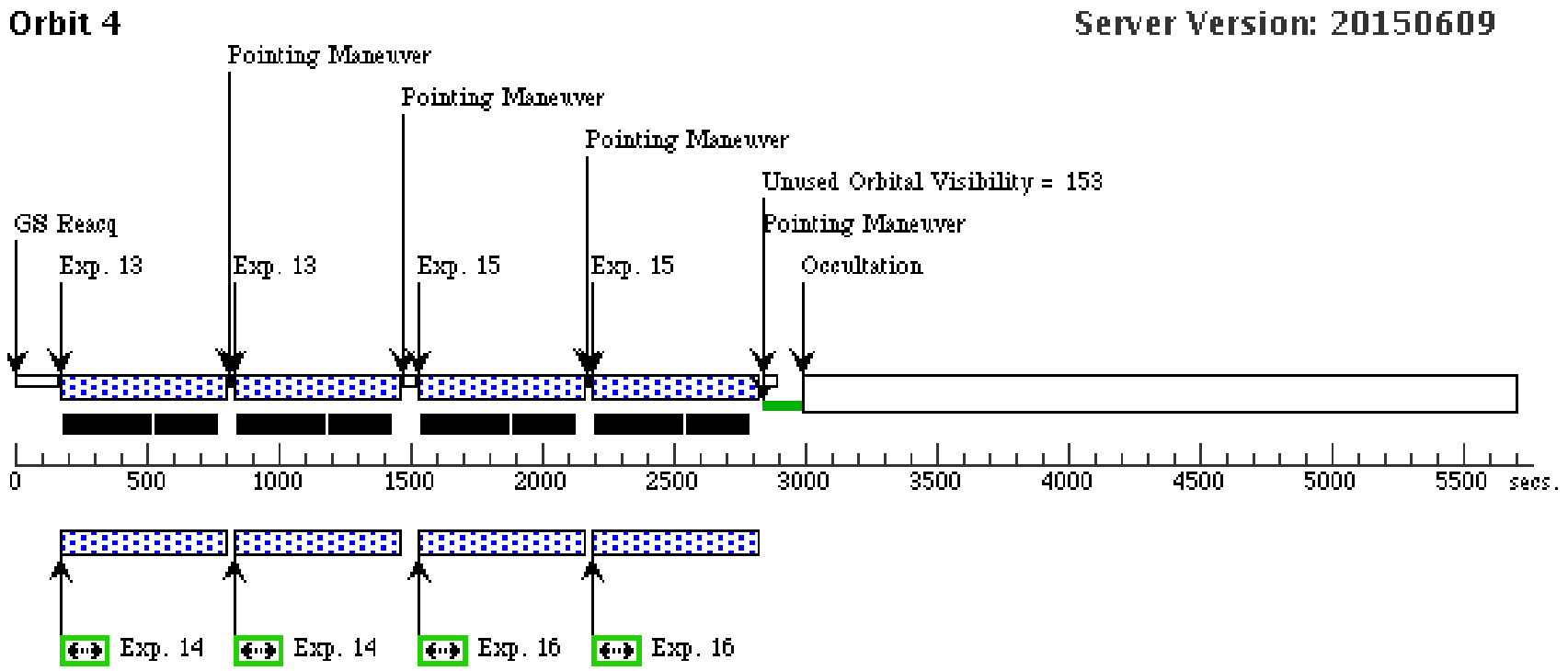
secs.
Exp. 10
Exp. 10
Exp. 12
Exp. 12


Orbit 4
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 153
Pointing Maneuver
GS Reacq
Exp. 13
Exp. 13
Exp. 15
Exp. 15
Occultation
0
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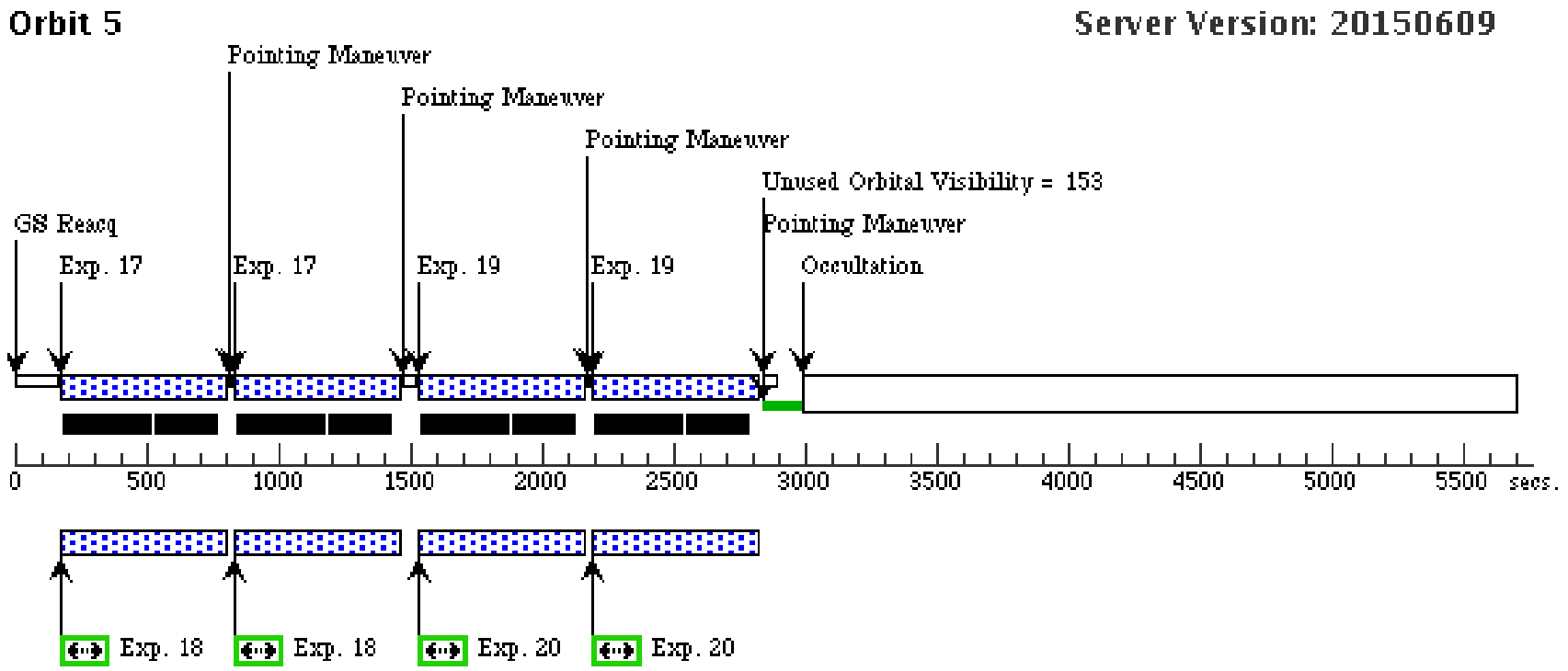
4000
4500
5000
5500
secs.
Exp. 14
Exp. 14
Exp. 16
Exp. 16


Orbit 5
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
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Unused Orbital Visibility = 153
Pointing Maneuver
GS Reacq
Exp. 17
Exp. 17
Exp. 19
Exp. 19
Occultation
0
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5000
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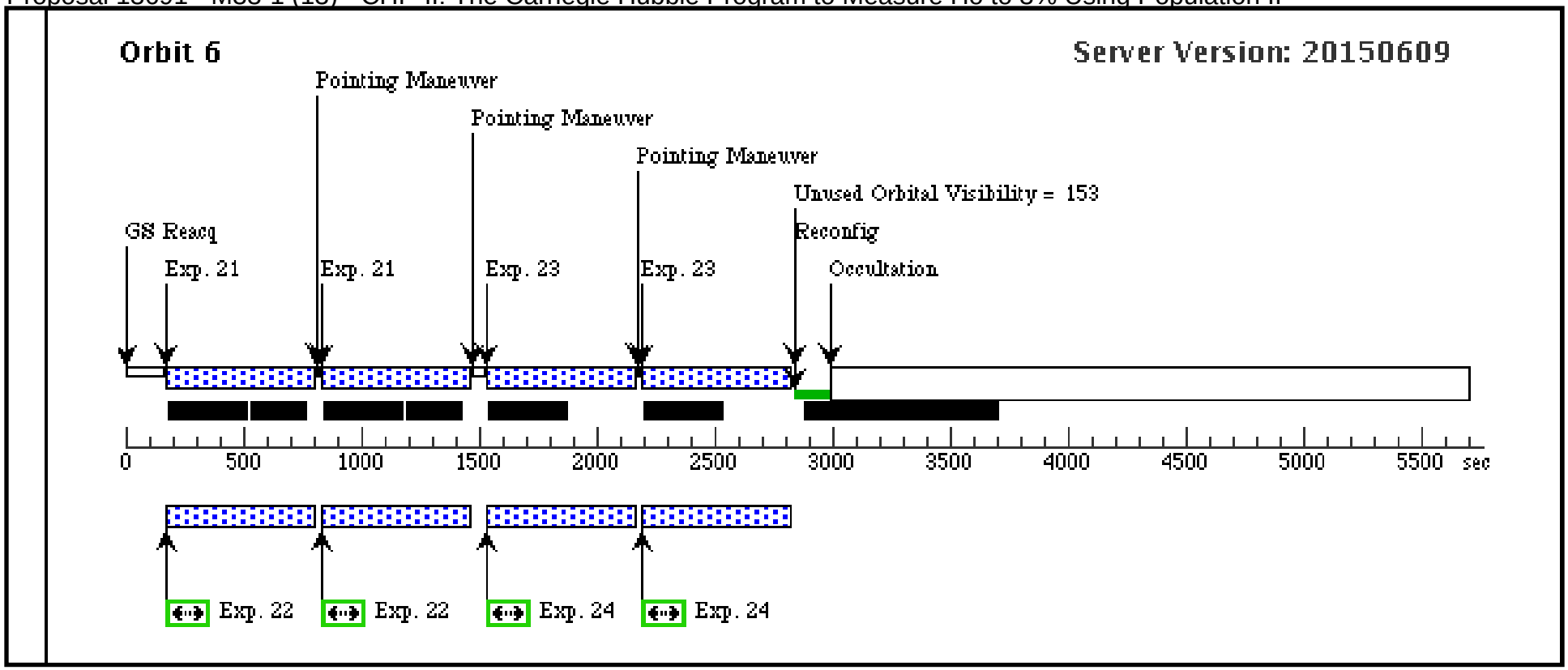
secs.
Exp. 18
Exp. 18
Exp. 20
Exp. 20


Orbit 6
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 153
GS Reacq
Reconfig
Exp. 21
Exp. 21
Exp. 23
Exp. 23
Occultation
0
500
1000
1500
2000
2500
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sec
Exp. 22
Exp. 22
Exp. 24
Exp. 24

Visit

Proposal 13691, M33-2 (14), completed Fri Aug 28 01:09:00 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 265D TO 275 D; AFTER 13 BY 1.9 D TO 2.2 D

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(10)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.5755 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=18.434 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10), (11-12), (13-14), (15-16), (17-18), (19-20), (21-22), (23-24)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(2)	M-33-FIELD1	RA: 01 33 39.8000 (23.4158333d) Dec: +30 27 47.00 (30.46306d) Equinox: J2000		V=6.27	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
(32)	M-33-FIELD2	RA: 01 33 35.3000 (23.3970833d) Dec: +30 29 7.00 (30.48528d) Equinox: J2000		V=6.27	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	GS ACQ SCENARIO SINGLE	Sequence 1-4 Non-Int in M33-2 (14) Pattern 10, Exps 1-2 in Sequence 1-4 Non-Int in M33-2 (14) (10) Prime + Parallel Group 1-2 in Pattern 10, Exps 1-2 in Sequence 1-4 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-4 Non-Int in M33-2 (14) Pattern 10, Exps 1-2 in Sequence 1-4 Non-Int in M33-2 (14) (10) Prime + Parallel Group 1-2 in Pattern 10, Exps 1-2 in Sequence 1-4 Non-Int in M33-2 (14)	419 Secs (922 Secs) *[==>(Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
3	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 1-4 Non-Int in M33-2 (14) Pattern 10, Exps 3-4 in Sequence 1-4 Non-Int in M33-2 (14) (10) Prime + Parallel Group 3-4 in Pattern 10, Exps 3-4 in Sequence 1-4 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F606W			Sequence 1-4 Non-Int in M33-2 (14) Pattern 10, Exps 3-4 in Sequence 1-4 Non-Int in M33-2 (14) (10) Prime + Parallel Group 3-4 in Pattern 10, Exps 3-4 in Sequence 1-4 Non-Int in M33-2 (14)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[1]***
5	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 5-8 Non-Int in M33-2 (14) Pattern 10, Exps 5-6 in Sequence 5-8 Non-Int in M33-2 (14) (10) Prime + Parallel Group 5-6 in Pattern 10, Exps 5-6 in Sequence 5-8 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***

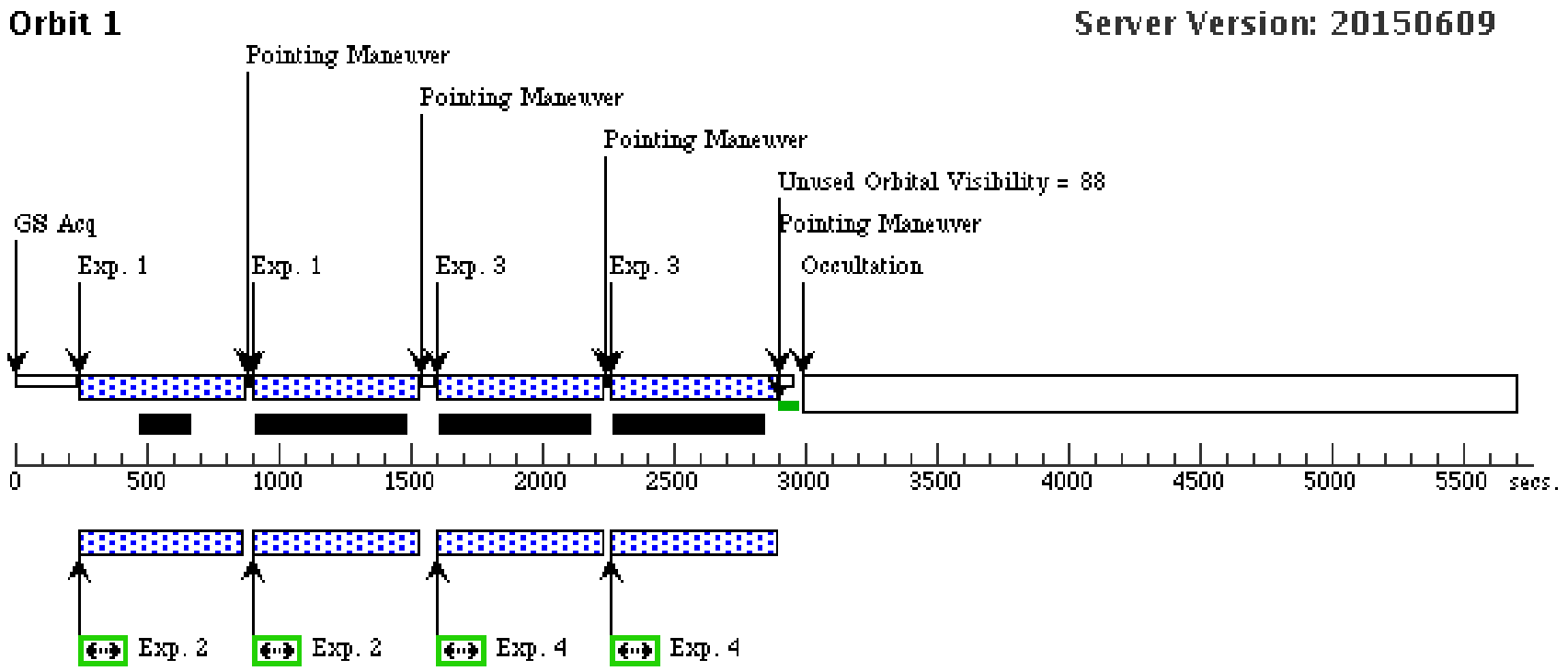
6		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F606W			Sequence 5-8 Non-Int in M33-2 (14) Pattern 10, Exps 5-6 in Sequence 5-8 Non-Int in M33-2 (14) (10) Prime + Parallel Group 5-6 in Pattern 10, Exps 5-6 in Sequence 5-8 Non-Int in M33-2 (14)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
7	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 5-8 Non-Int in M33-2 (14) Pattern 10, Exps 7-8 in Sequence 5-8 Non-Int in M33-2 (14) (10) Prime + Parallel Group 7-8 in Pattern 10, Exps 7-8 in Sequence 5-8 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
8		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F606W			Sequence 5-8 Non-Int in M33-2 (14) Pattern 10, Exps 7-8 in Sequence 5-8 Non-Int in M33-2 (14) (10) Prime + Parallel Group 7-8 in Pattern 10, Exps 7-8 in Sequence 5-8 Non-Int in M33-2 (14)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[2]***
9	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 9-12 Non-Int in M33-2 (14) Pattern 10, Exps 9-10 in Sequence 9-12 Non-Int in M33-2 (14) (10) Prime + Parallel Group 9-10 in Pattern 10, Exps 9-10 in Sequence 9-12 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
10		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F606W			Sequence 9-12 Non-Int in M33-2 (14) Pattern 10, Exps 9-10 in Sequence 9-12 Non-Int in M33-2 (14) (10) Prime + Parallel Group 9-10 in Pattern 10, Exps 9-10 in Sequence 9-12 Non-Int in M33-2 (14)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[3]***

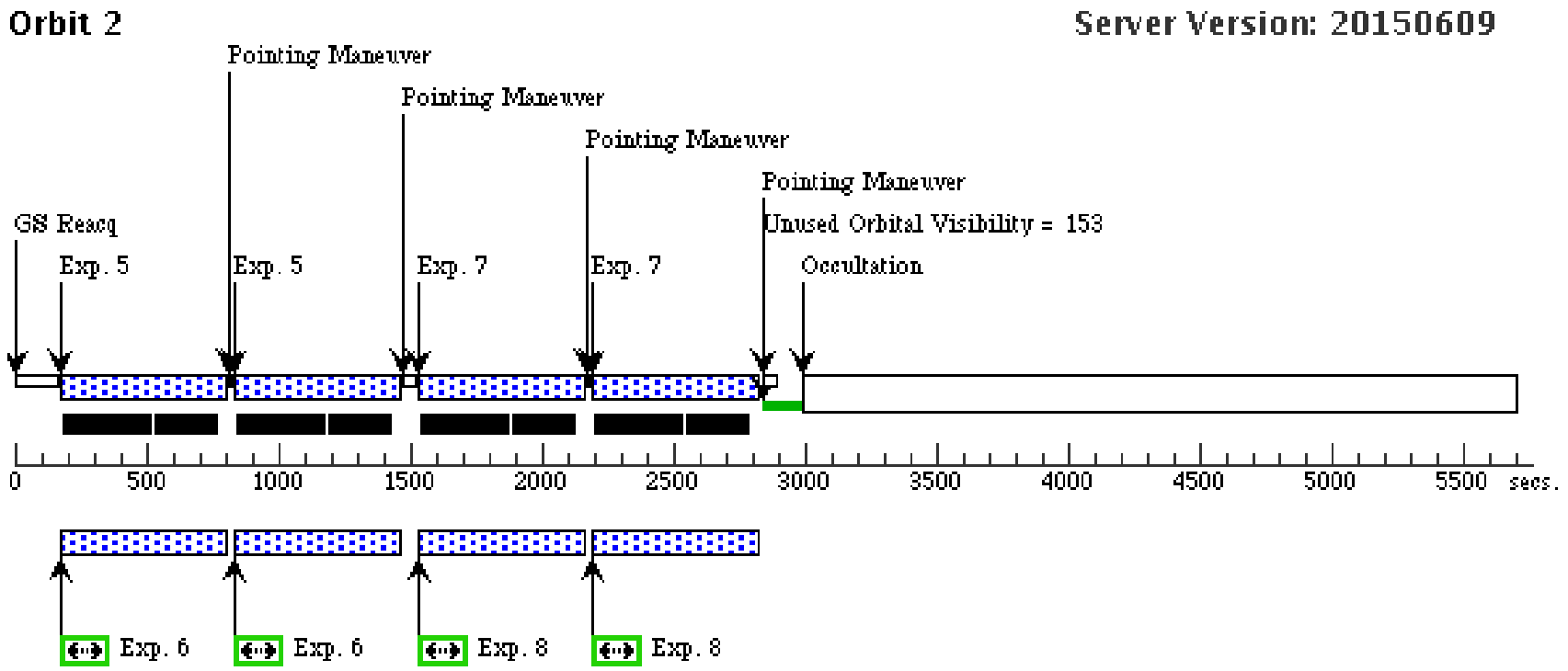
11	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Sequence 9-12 Non-Int in M33-2 (14) Pattern 10, Exps 11-12 in Sequence 9-12 Non-Int in M33-2 (14) (10) Prime + Parallel Group 11-12 in Pattern 10, Exps 11-12 in Sequence 9-12 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
12		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F606W			Sequence 9-12 Non-Int in M33-2 (14) Pattern 10, Exps 11-12 in Sequence 9-12 Non-Int in M33-2 (14) (10) Prime + Parallel Group 11-12 in Pattern 10, Exps 11-12 in Sequence 9-12 Non-Int in M33-2 (14)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[3]***
13	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 13-16 Non-Int in M33-2 (14) Pattern 10, Exps 13-14 in Sequence 13-16 Non-Int in M33-2 (14) (10) Prime + Parallel Group 13-14 in Pattern 10, Exps 13-14 in Sequence 13-16 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***
14		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F606W			Sequence 13-16 Non-Int in M33-2 (14) Pattern 10, Exps 13-14 in Sequence 13-16 Non-Int in M33-2 (14) (10) Prime + Parallel Group 13-14 in Pattern 10, Exps 13-14 in Sequence 13-16 Non-Int in M33-2 (14)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[4]***
15	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 13-16 Non-Int in M33-2 (14) Pattern 10, Exps 15-16 in Sequence 13-16 Non-Int in M33-2 (14) (10) Prime + Parallel Group 15-16 in Pattern 10, Exps 15-16 in Sequence 13-16 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

16		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 13-16 Non-Int in M33-2 (14) Pattern 10, Exps 15-16 in Sequence 13-16 Non-Int in M33-2 (14) (10) Prime + Parallel Group 15-16 in Pattern 10, Exps 15-16 in Sequence 13-16 Non-Int in M33-2 (14)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[4]***
17	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M33-2 (14) Pattern 10, Exps 17-18 in Sequence 17-20 Non-Int in M33-2 (14) (10) Prime + Parallel Group 17-18 in Pattern 10, Exps 17-18 in Sequence 17-20 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
18		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F606W		Sequence 17-20 Non-Int in M33-2 (14) Pattern 10, Exps 17-18 in Sequence 17-20 Non-Int in M33-2 (14) (10) Prime + Parallel Group 17-18 in Pattern 10, Exps 17-18 in Sequence 17-20 Non-Int in M33-2 (14)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***
19	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	Sequence 17-20 Non-Int in M33-2 (14) Pattern 10, Exps 19-20 in Sequence 17-20 Non-Int in M33-2 (14) (10) Prime + Parallel Group 19-20 in Pattern 10, Exps 19-20 in Sequence 17-20 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
20		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F606W		Sequence 17-20 Non-Int in M33-2 (14) Pattern 10, Exps 19-20 in Sequence 17-20 Non-Int in M33-2 (14) (10) Prime + Parallel Group 19-20 in Pattern 10, Exps 19-20 in Sequence 17-20 Non-Int in M33-2 (14)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[5]***

21	F160W	(2) M-33-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 21-24 Non-Int in M33-2 (14) Pattern 10, Exps 21-22 in Sequence 21-24 Non-Int in M33-2 (14) (10) Prime + Parallel Group 21-22 in Pattern 10, Exps 21-22 in Sequence 21-24 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
22		(2) M-33-FIELD1	ACS/WFC, ACCUM, WFC	F606W			Sequence 21-24 Non-Int in M33-2 (14) Pattern 10, Exps 21-22 in Sequence 21-24 Non-Int in M33-2 (14) (10) Prime + Parallel Group 21-22 in Pattern 10, Exps 21-22 in Sequence 21-24 Non-Int in M33-2 (14)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***
23	F160W	(32) M-33-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Sequence 21-24 Non-Int in M33-2 (14) Pattern 10, Exps 23-24 in Sequence 21-24 Non-Int in M33-2 (14) (10) Prime + Parallel Group 23-24 in Pattern 10, Exps 23-24 in Sequence 21-24 Non-Int in M33-2 (14)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***
24		(32) M-33-FIELD2	ACS/WFC, ACCUM, WFC	F606W			Sequence 21-24 Non-Int in M33-2 (14) Pattern 10, Exps 23-24 in Sequence 21-24 Non-Int in M33-2 (14) (10) Prime + Parallel Group 23-24 in Pattern 10, Exps 23-24 in Sequence 21-24 Non-Int in M33-2 (14)	419 Secs (1006 Secs) *[==>503.0 Secs (Pattern 1)]* *[==>503.0 Secs (Pattern 2)]*	***[6]***

Orbit Structure

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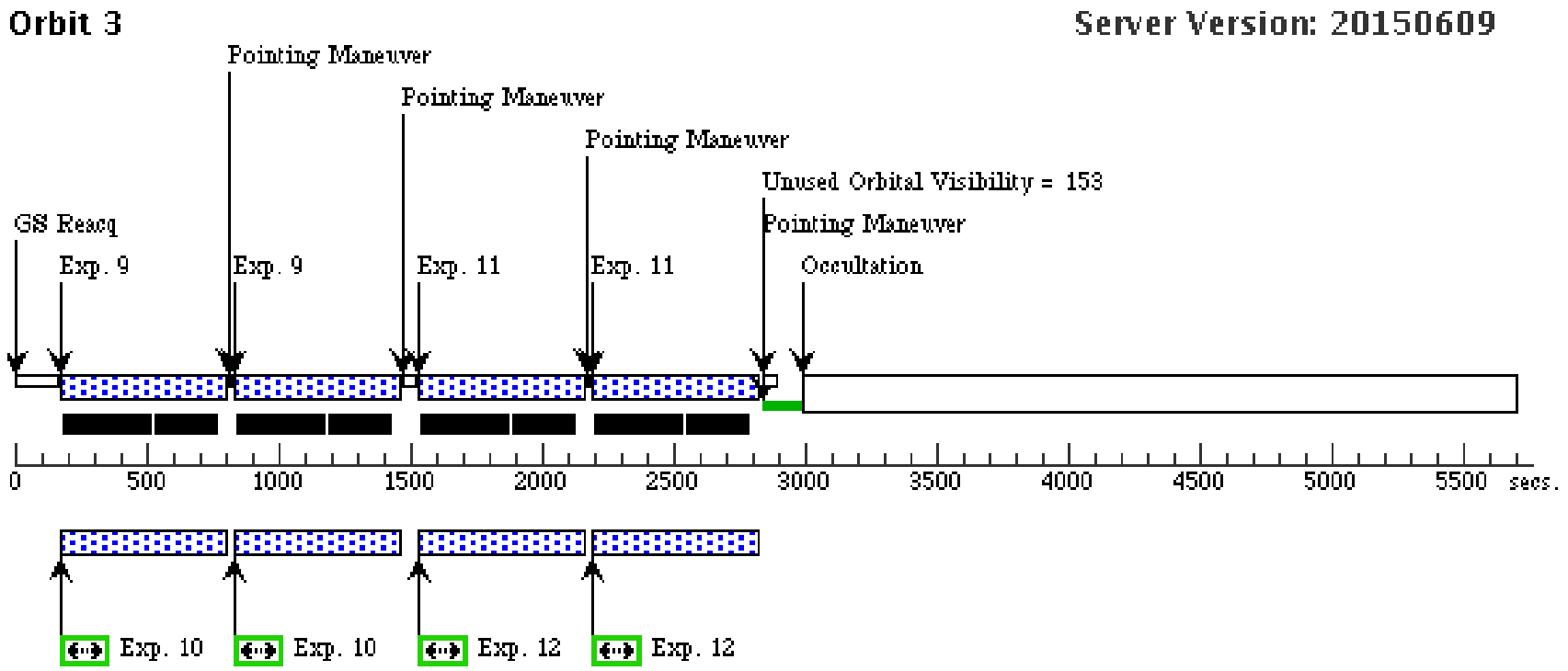
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Reacq
Unused Orbital Visibility = 153
Exp. 5
Exp. 5
Exp. 7
Exp. 7
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 6
Exp. 6
Exp. 8
Exp. 8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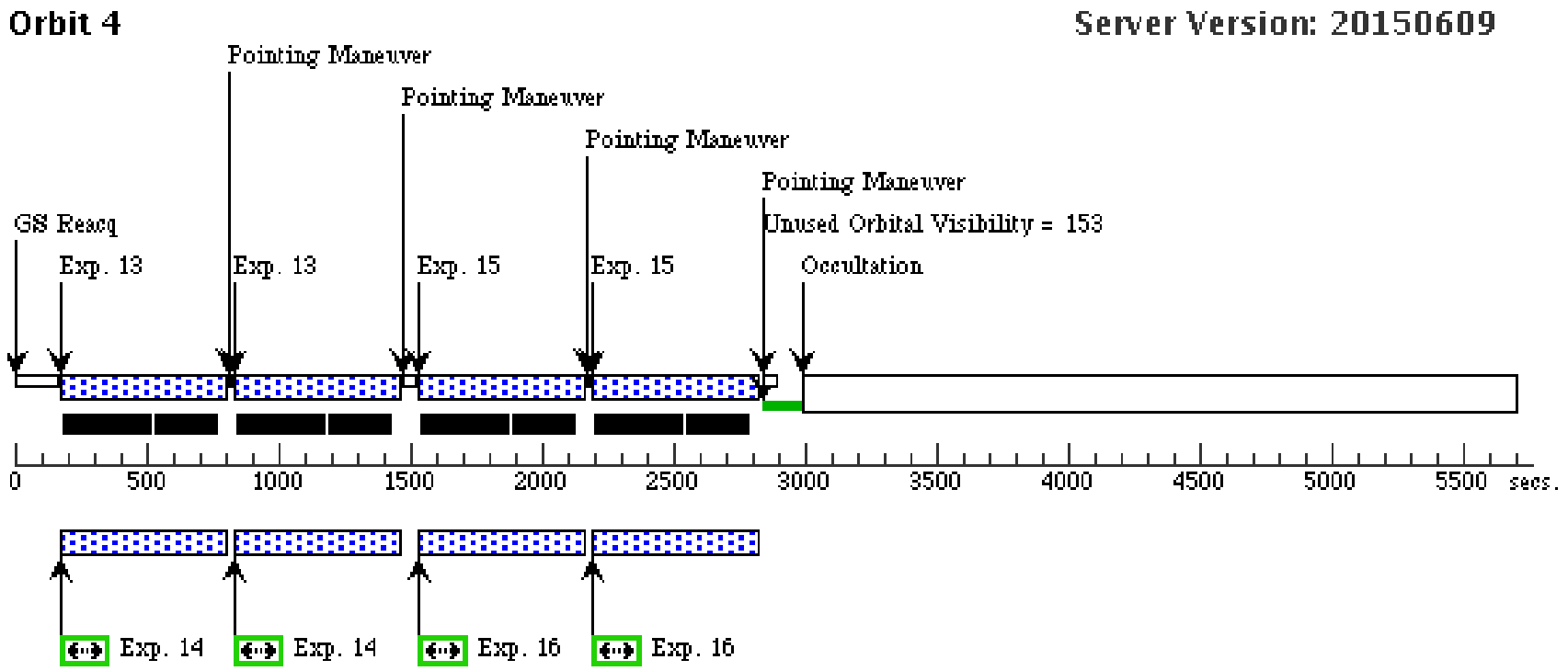
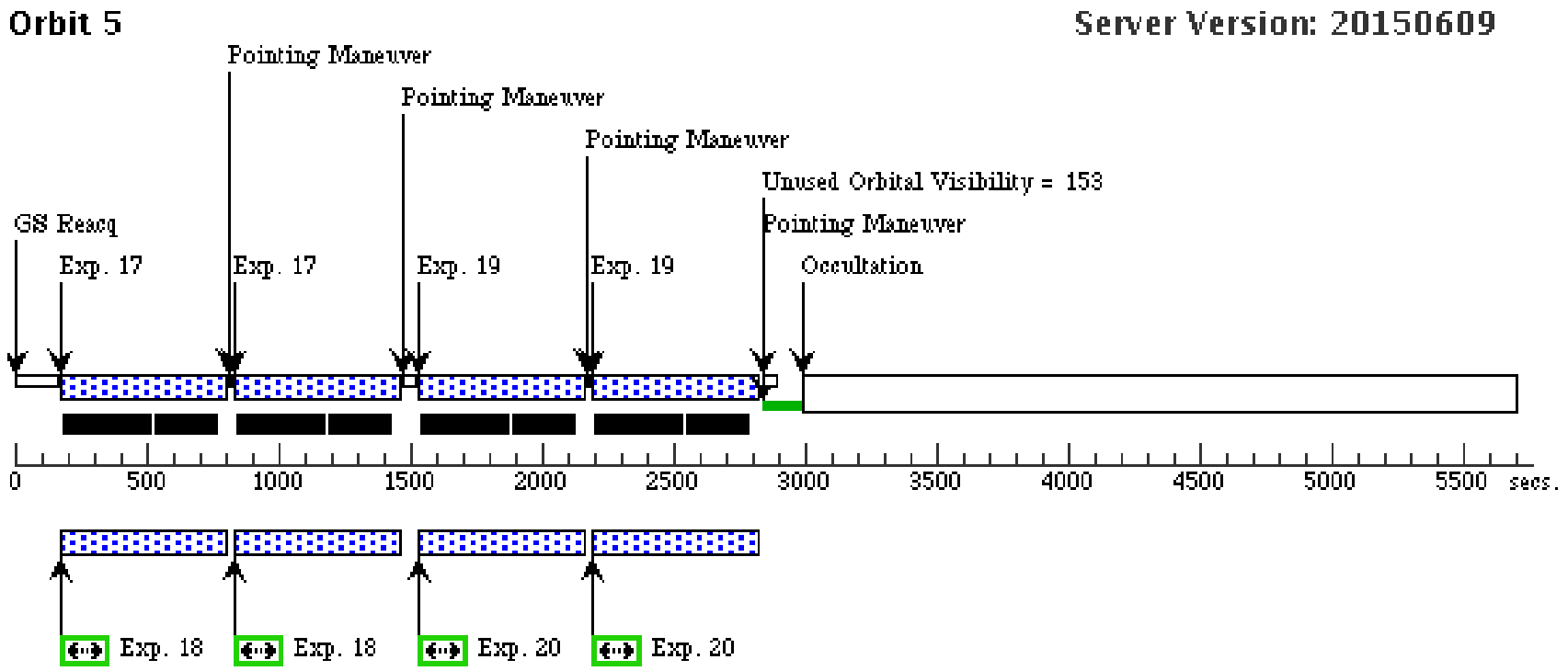
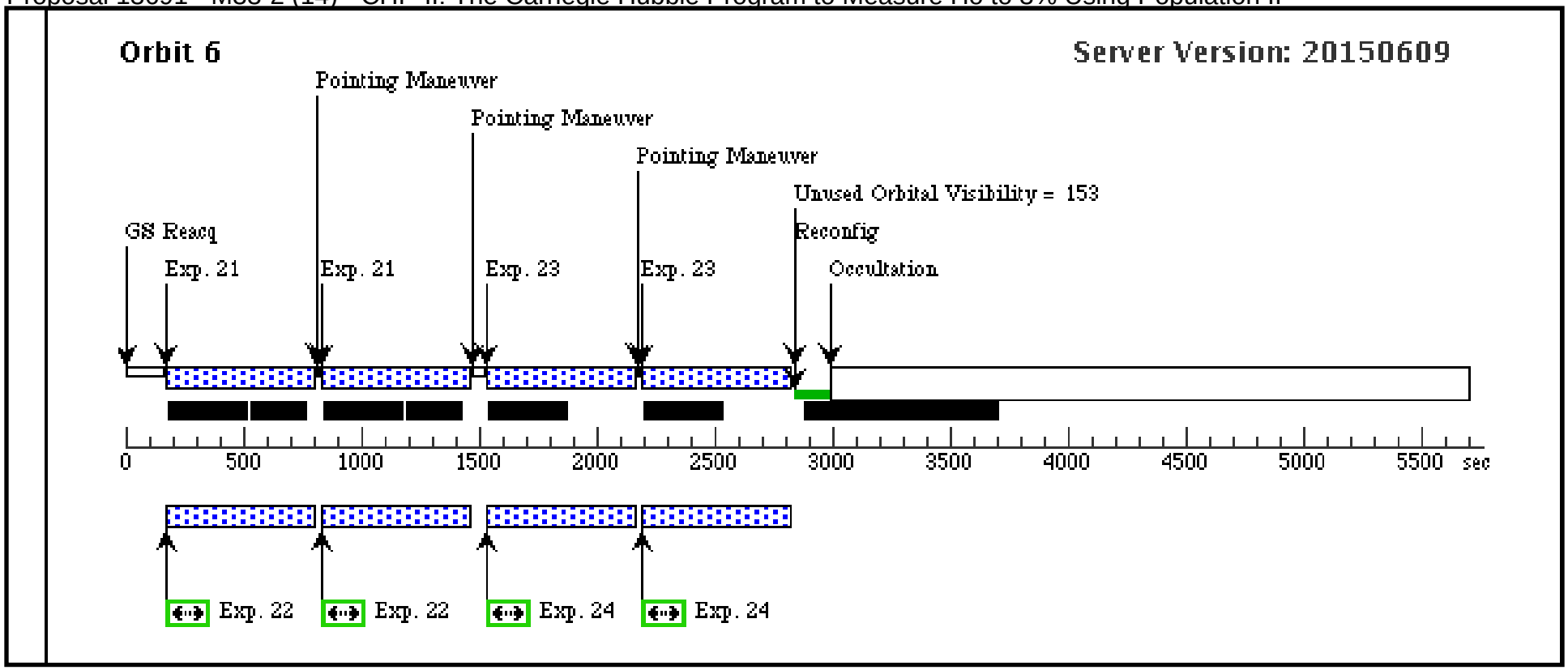
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 153
Pointing Maneuver
GS Reacq
Exp. 9
Exp. 9
Exp. 11
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 10
Exp. 12
Exp. 12


Orbit 4
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
GS Reacq
Unused Orbital Visibility = 153
Exp. 13
Exp. 13
Exp. 15
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 14
Exp. 14
Exp. 16
Exp. 16


Orbit 5
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 153
Pointing Maneuver
GS Reacq
Exp. 17
Exp. 17
Exp. 19
Exp. 19
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 18
Exp. 18
Exp. 20
Exp. 20


Orbit 6
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 153
GS Reacq
Reconfig
Exp. 21
Exp. 21
Exp. 23
Exp. 23
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 22
Exp. 22
Exp. 24
Exp. 24

Visit

Proposal 13691, Fornax-1a (15), completed Fri Aug 28 01:09:00 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 313D TO 317 D

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1-2), (3-4)

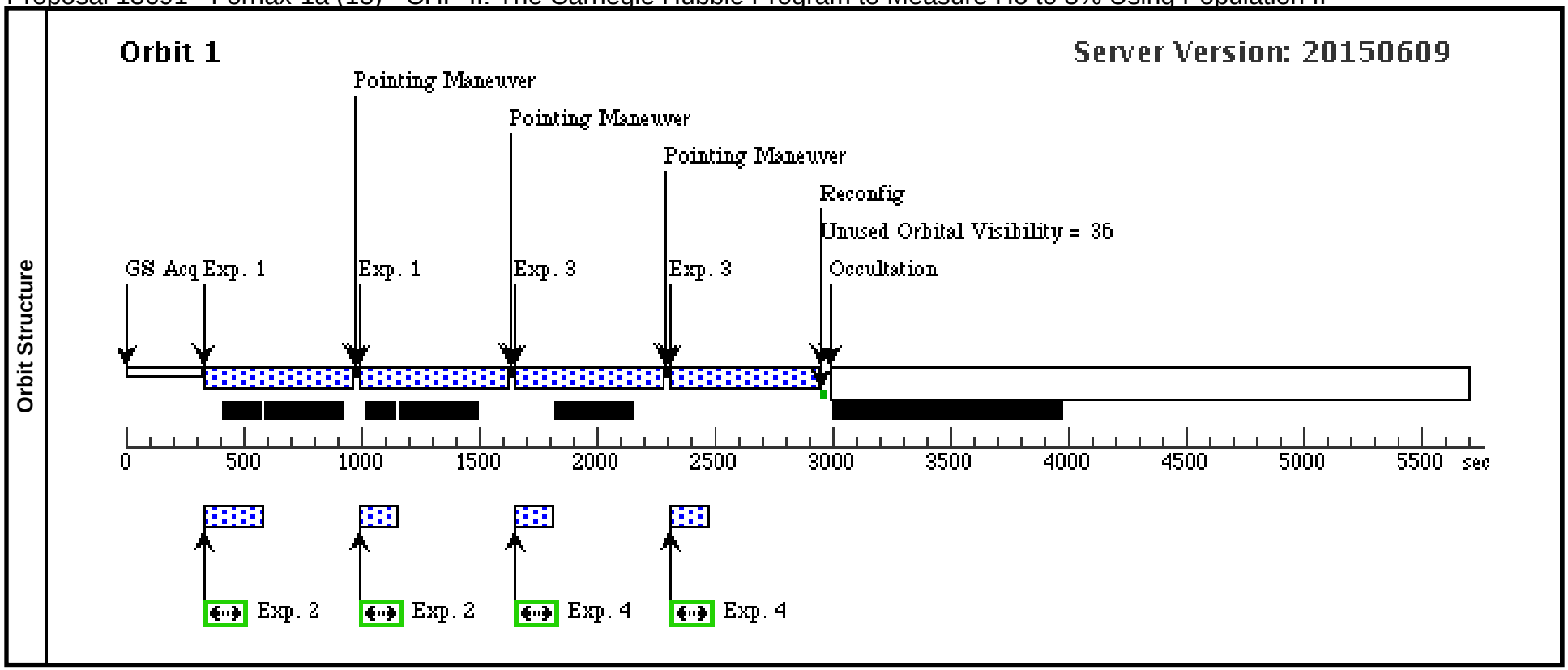
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	FORNAX-FIELD1	RA: 02 39 48.2500 (39.9510417d) Dec: -34 15 17.50 (-34.25486d) Equinox: J2000		V=7.4	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W	(19) FORNAX-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Pattern 1, Exps 1-2 in Fornax-1a (15) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Fornax-1a (15)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(19) FORNAX-FIELD1	ACS/WFC, ACCUM, WFC	F814W			Pattern 1, Exps 1-2 in Fornax-1a (15) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Fornax-1a (15)	30 Secs (60 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3	F160W	(19) FORNAX-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Pattern 1, Exps 3-4 in Fornax-1a (15) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Fornax-1a (15)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(19) FORNAX-FIELD1	ACS/WFC, ACCUM, WFC	F814W			Pattern 1, Exps 3-4 in Fornax-1a (15) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Fornax-1a (15)	30 Secs (60 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Reconfig
Unused Orbital Visibility = 36
GS Acq
Exp. 1
Exp. 1
Exp. 3
Exp. 3
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 2
Exp. 2
Exp. 4
Exp. 4

Visit

Proposal 13691, Fornax-1b (16), completed Fri Aug 28 01:09:00 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 313D TO 317 D; AFTER 15 BY 1.1 D TO 1.3 D

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(1)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(1-2), (3-4)

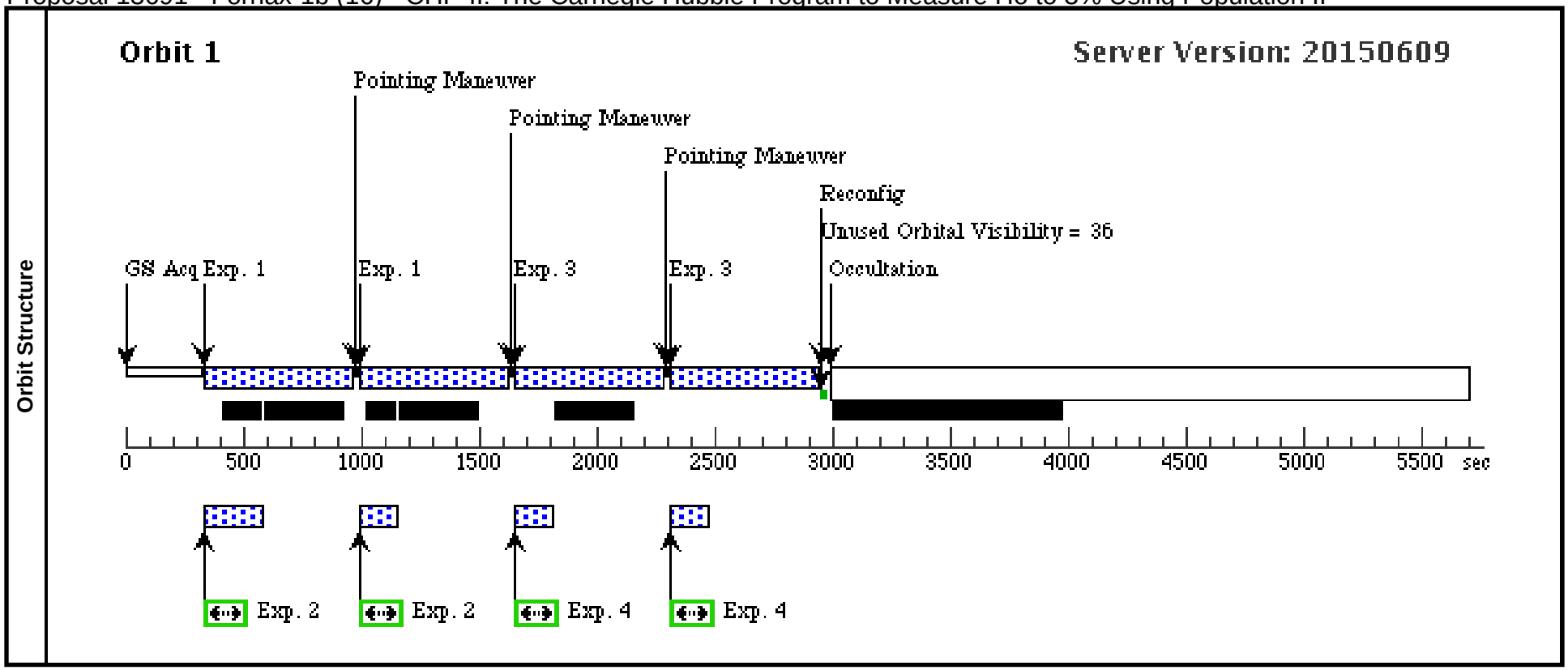
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(19)	FORNAX-FIELD1	RA: 02 39 48.2500 (39.9510417d) Dec: -34 15 17.50 (-34.25486d) Equinox: J2000		V=7.4	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W	(19) FORNAX-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Pattern 1, Exps 1-2 in Fornax-1b (16) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Fornax-1b (16)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	 ***[1]***
2		(19) FORNAX-FIELD1	ACS/WFC, ACCUM, WFC	F606W			Pattern 1, Exps 1-2 in Fornax-1b (16) (1) Prime + Parallel Group 1-2 in Pattern 1, Exps 1-2 in Fornax-1b (16)	30 Secs (60 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	 ***[1]***
3	F160W	(19) FORNAX-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Pattern 1, Exps 3-4 in Fornax-1b (16) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Fornax-1b (16)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	 ***[1]***
4		(19) FORNAX-FIELD1	ACS/WFC, ACCUM, WFC	F606W			Pattern 1, Exps 3-4 in Fornax-1b (16) (1) Prime + Parallel Group 3-4 in Pattern 1, Exps 3-4 in Fornax-1b (16)	30 Secs (60 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	 ***[1]***


Orbit Structure
Orbit 1
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Reconfig
Unused Orbital Visibility = 36
GS Acq
Exp. 1
Exp. 1
Exp. 3
Exp. 3
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 2
Exp. 2
Exp. 4
Exp. 4

Visit

Proposal 13691, Fornax-2 (17), implementation Fri Aug 28 01:09:00 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 264D TO 309 D

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(10)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.5755 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=18.434 Angle Between Sides= Center Pattern=false		(1-2), (3-4)

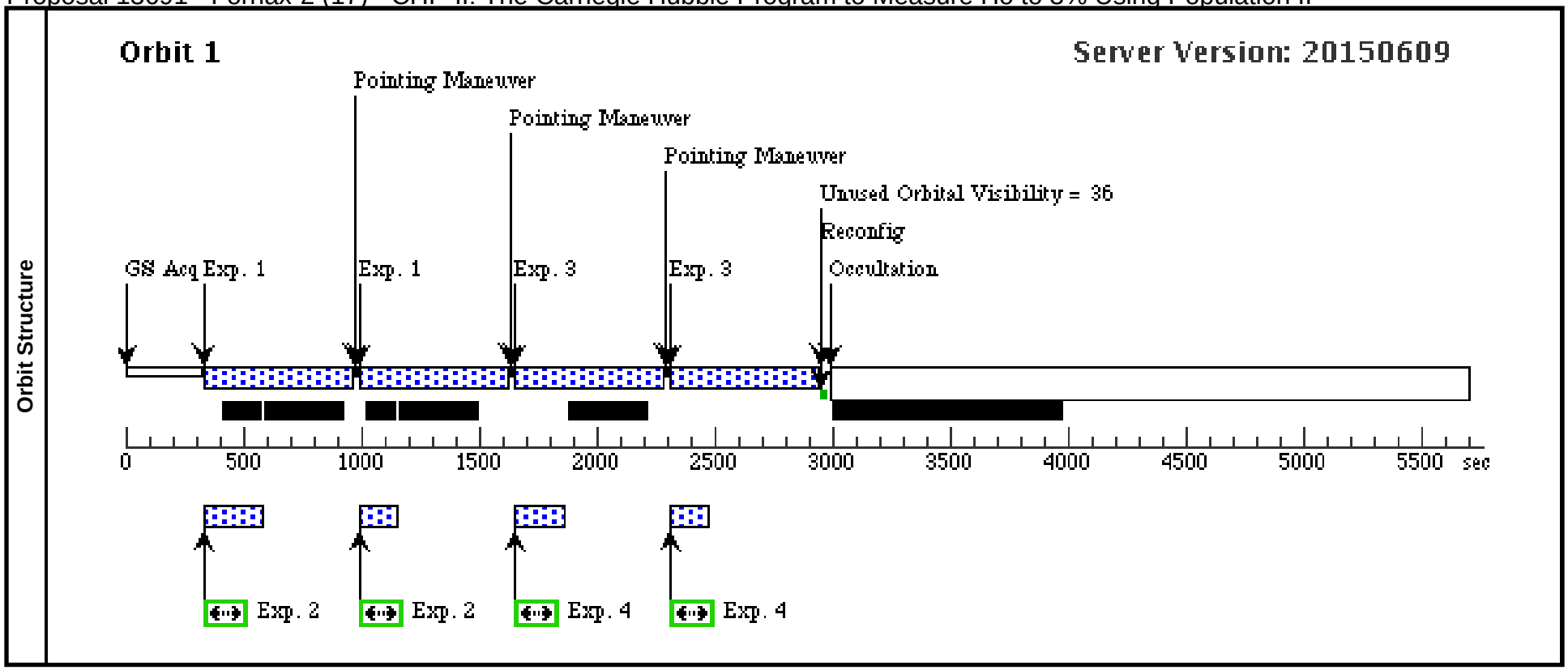
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(33)	FORNAX-FIELD2	RA: 02 38 45.2200 (39.6884167d) Dec: -34 48 28.30 (-34.80786d) Equinox: J2000		V=7.4	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	F160W	(33) FORNAX-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200		Pattern 10, Exps 1-2 in Fornax-2 (17) (10) Prime + Parallel Group 1-2 in Pattern 10, Exps 1-2 in Fornax-2 (17)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(33) FORNAX-FIELD2	ACS/WFC, ACCUM, WFC	F606W			Pattern 10, Exps 1-2 in Fornax-2 (17) (10) Prime + Parallel Group 1-2 in Pattern 10, Exps 1-2 in Fornax-2 (17)	30 Secs (60 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3	F160W	(33) FORNAX-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP200	POS TARG -0.208,0.312	Pattern 10, Exps 3-4 in Fornax-2 (17) (10) Prime + Parallel Group 3-4 in Pattern 10, Exps 3-4 in Fornax-2 (17)	599.231134 Secs (1198.462 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(33) FORNAX-FIELD2	ACS/WFC, ACCUM, WFC	F814W			Pattern 10, Exps 3-4 in Fornax-2 (17) (10) Prime + Parallel Group 3-4 in Pattern 10, Exps 3-4 in Fornax-2 (17)	30 Secs (60 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 36
Reconfig
GS Acq
Exp. 1
Exp. 1
Exp. 3
Exp. 3
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 2
Exp. 2
Exp. 4
Exp. 4

Visit

Proposal 13691, Sculptor-1 (18), completed Fri Aug 28 01:09:00 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 212D TO 227 D

Patterns

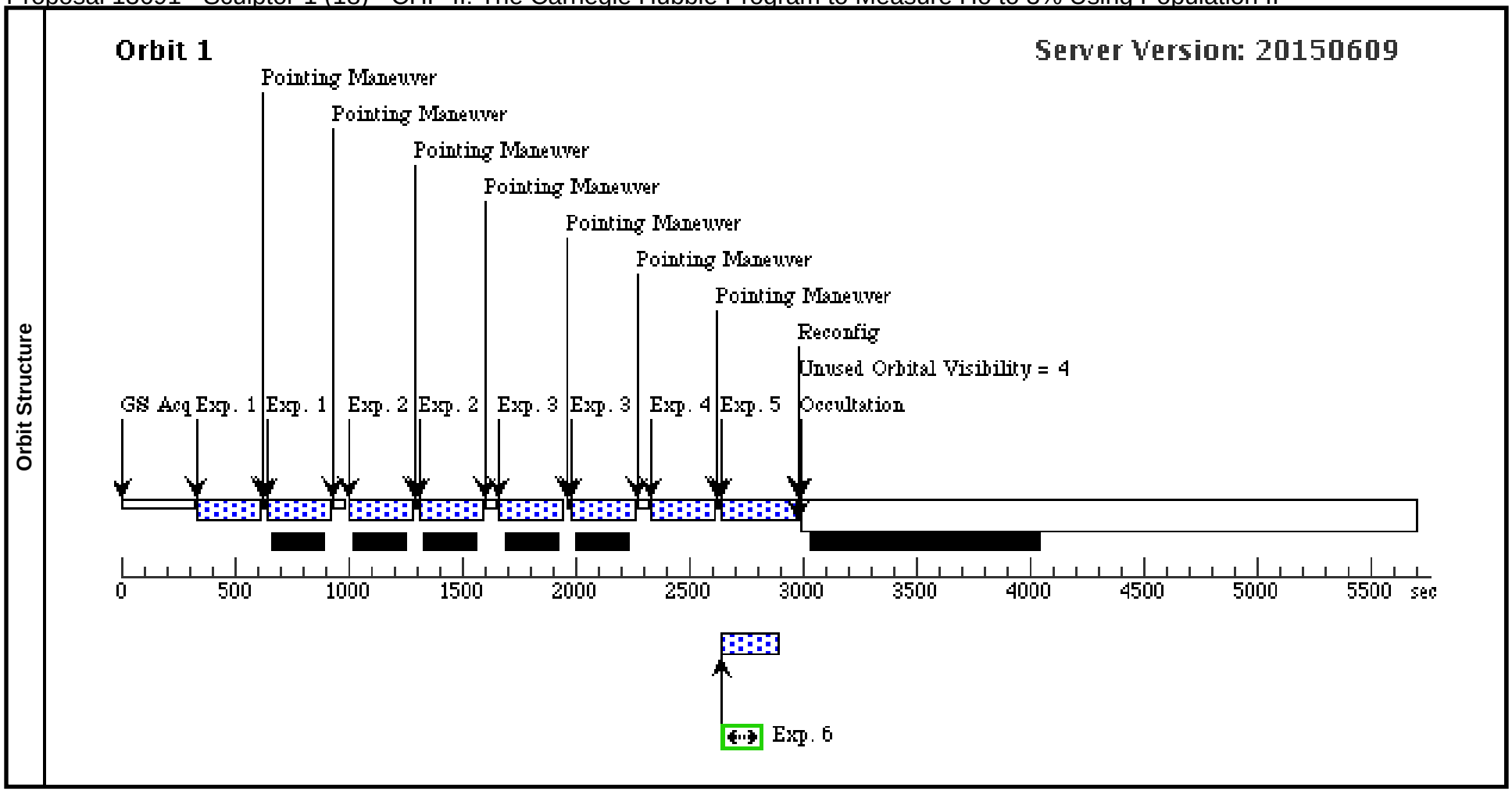
#	Primary Pattern		Secondary Pattern	Exposures
(10)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.5755 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=18.434 Angle Between Sides= Center Pattern=false		(1), (2), (3)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(18)	SCULPTOR-FIELD1	RA: 01 00 4.3670 (15.0181958d) Dec: -33 43 2.45 (-33.71735d) Equinox: J2000		V=8.6	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
(35)	SCULPTOR-FIELD2	RA: 00 59 56.5700 (14.9857083d) Dec: -33 41 39.49 (-33.69430d) Equinox: J2000		V=8.6	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(18) SCULPTOR-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP50	GS ACQ SCENARIO BASE1B3	Pattern 10, Exps 1-1 in Sculptor-1 (18) (10)	249.23203 Secs (498.464 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(35) SCULPTOR-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP50		Pattern 10, Exps 2-2 in Sculptor-1 (18) (10)	249.23203 Secs (498.464 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3		(18) SCULPTOR-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP50	POS TARG -0.208,0.312	Pattern 10, Exps 3-3 in Sculptor-1 (18) (10)	249.23203 Secs (498.464 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(35) SCULPTOR-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP50	POS TARG -0.208,0.312		249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
5		(35) SCULPTOR-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=11; SAMP-SEQ=STEP50	POS TARG 0.338,0.494	Prime + Parallel Group 5-6 in Sculptor-1 (18)	299.232481 Secs (299.232 Secs) *[==>]*	***[1]***
6		(35) SCULPTOR-FIELD2	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Sculptor-1 (18)	30 Secs (30 Secs) *[==>]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Reconfig
Unused Orbital Visibility = 4
GS Acq
Exp. 1
Exp. 1
Exp. 2
Exp. 2
Exp. 3
Exp. 3
Exp. 4
Exp. 5
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 6

Visit

Proposal 13691, Sculptor-2 (19), completed Fri Aug 28 01:09:00 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 219D TO 264 D; AFTER 18 BY 1.1 D TO 1.3 D

Patterns

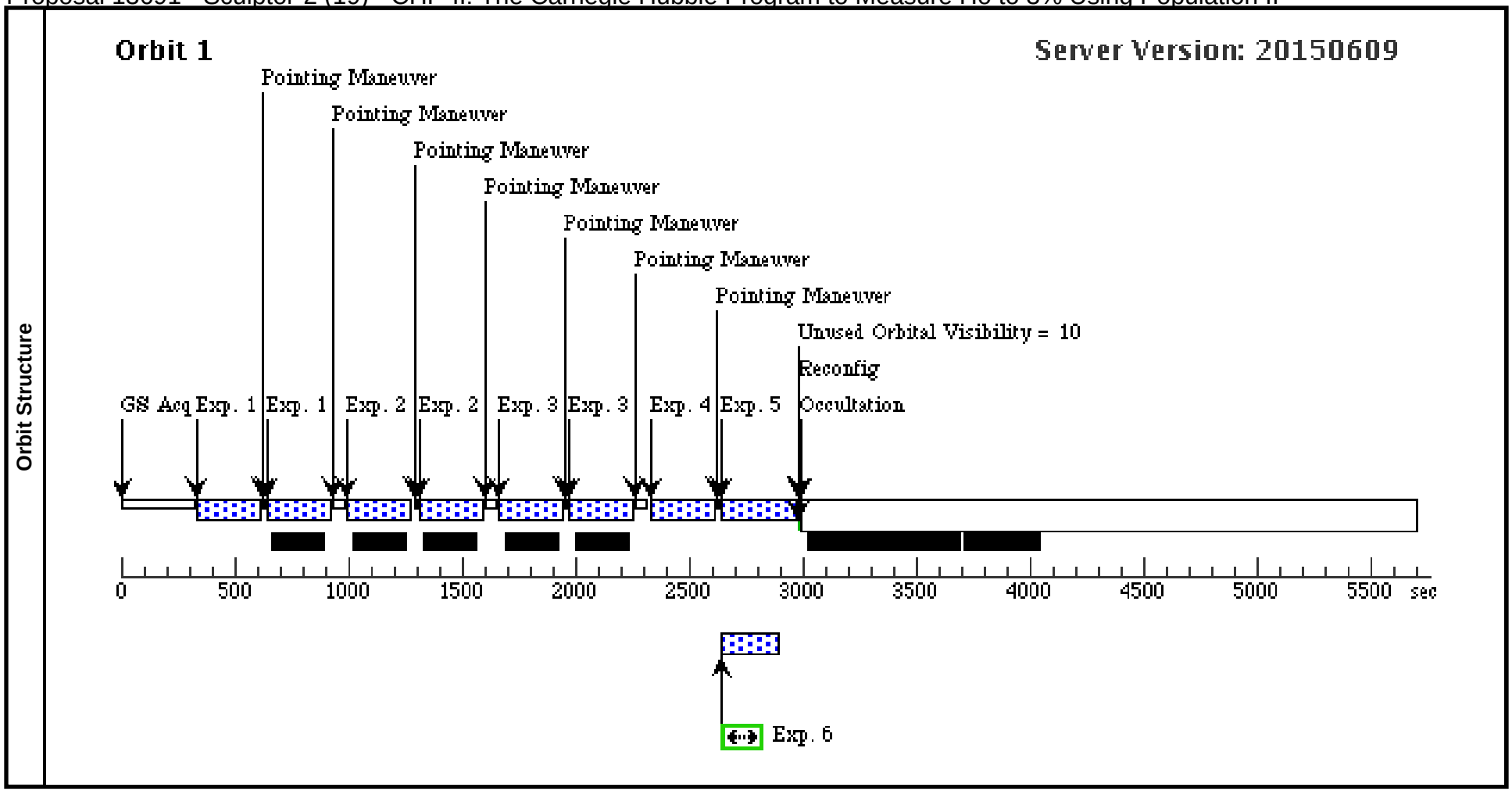
#	Primary Pattern		Secondary Pattern	Exposures
(10)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.5755 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=18.434 Angle Between Sides= Center Pattern=false		(1), (2), (3)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(36)	SCULPTOR-FIELD3	RA: 01 00 38.7650 (15.1615208d) Dec: -33 41 54.81 (-33.69856d) Equinox: J2000		V=8.6	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
(37)	SCULPTOR-FIELD4	RA: 01 00 29.5610 (15.1231708d) Dec: -33 41 54.77 (-33.69855d) Equinox: J2000		V=8.6	Reference Frame: SIMBAD
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(36) SCULPTOR-FIELD3	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP50	GS ACQ SCENARIO BASE1B3	Pattern 10, Exps 1-1 in Sculptor-2 (19) (10)	249.23203 Secs (498.464 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
2		(37) SCULPTOR-FIELD4	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP50		Pattern 10, Exps 2-2 in Sculptor-2 (19) (10)	249.23203 Secs (498.464 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3		(36) SCULPTOR-FIELD3	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP50	POS TARG -0.208,0.312	Pattern 10, Exps 3-3 in Sculptor-2 (19) (10)	249.23203 Secs (498.464 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
4		(37) SCULPTOR-FIELD4	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=10; SAMP-SEQ=STEP50	POS TARG -0.208,0.312		249.23203 Secs (249.232 Secs) *[==>]*	***[1]***
5		(37) SCULPTOR-FIELD4	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=11; SAMP-SEQ=STEP50	POS TARG 0.338,0.494	Prime + Parallel Group 5-6 in Sculptor-2 (19)	299.232481 Secs (299.232 Secs) *[==>]*	***[1]***
6		(37) SCULPTOR-FIELD4	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 5-6 in Sculptor-2 (19)	30 Secs (30 Secs) *[==>]*	***[1]***


Orbit Structure
Orbit 1
Server Version: 20150609
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Pointing Maneuver
Unused Orbital Visibility = 10
Reconfig
Occultation
GS Acq
Exp. 1
Exp. 1
Exp. 2
Exp. 2
Exp. 3
Exp. 3
Exp. 4
Exp. 5
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 6

Visit

Proposal 13691, M 101 (20), implementation Fri Aug 28 01:09:00 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 49D TO 60 D

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(1-2), (3-4)

Fixed Targets

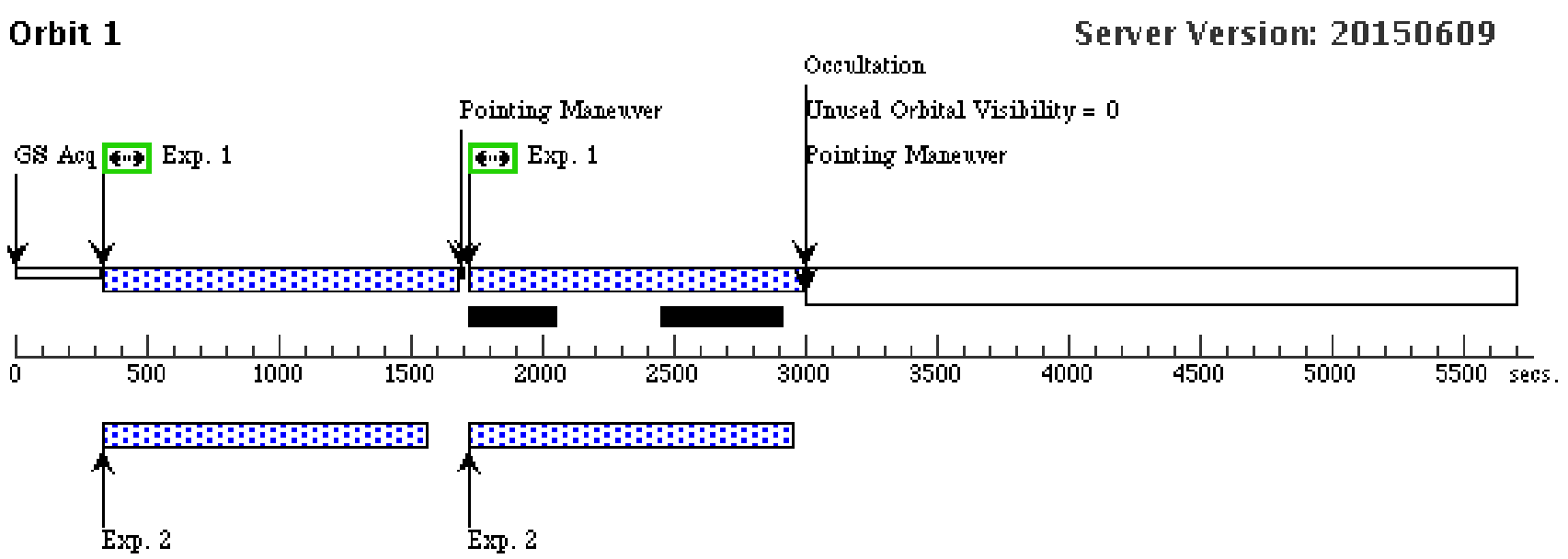
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(11)	MESSIER-101	RA: 14 03 18.8000 (210.8283333d) Dec: +54 09 21.00 (54.15583d) Equinox: J2000		V=7.8	Reference Frame: NED

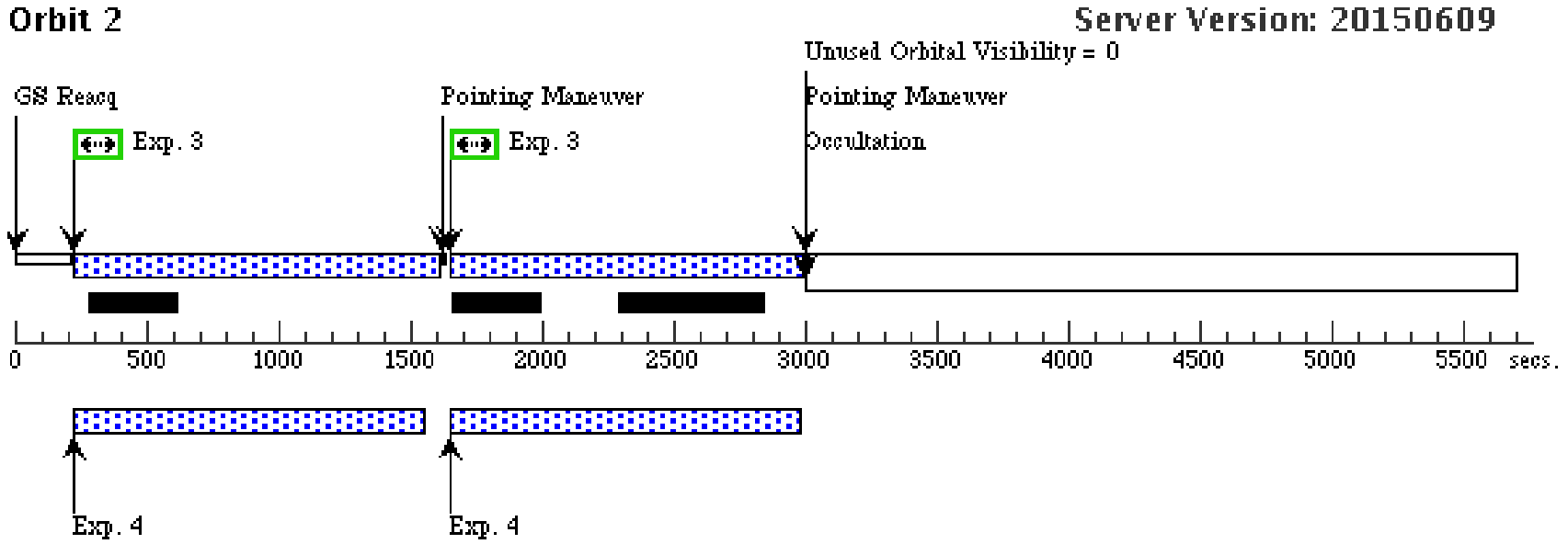
Comments: This object was generated by the targetselector and retrieved from the NED database.

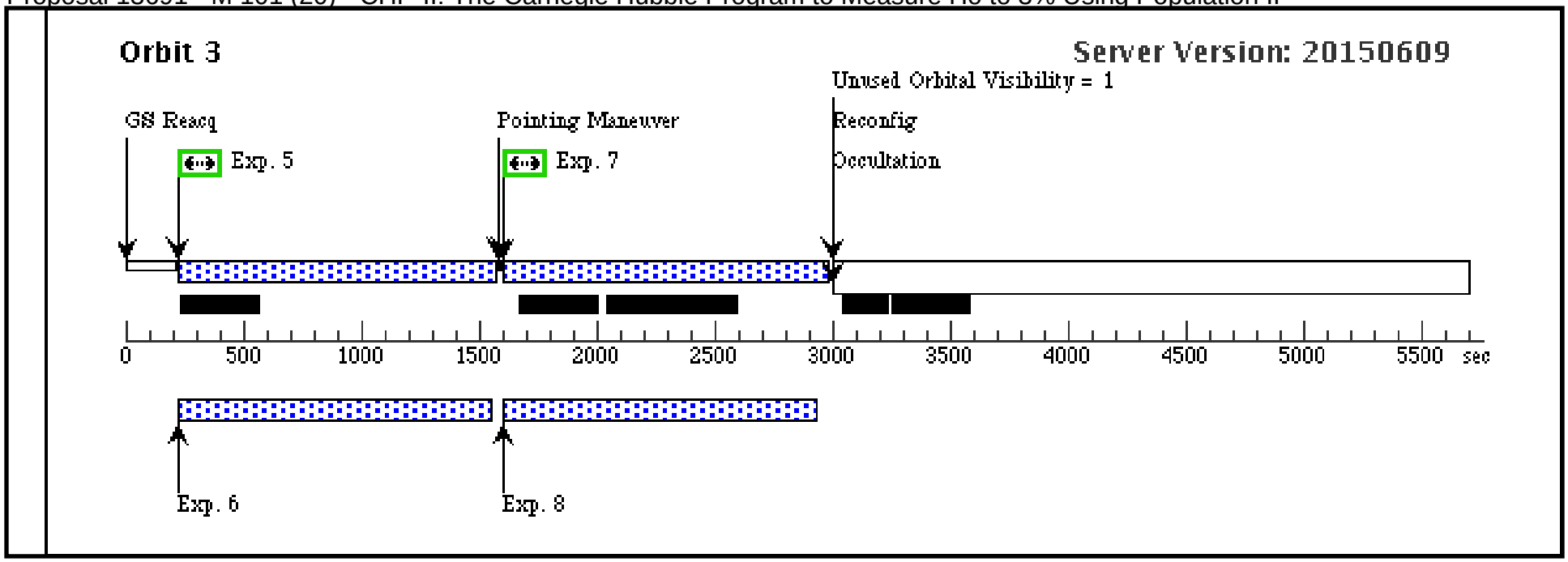
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(11) MESSIER-101	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE1B3	Pattern 4, Exps 1-2 in M 101 (20) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in M 101 (20)	1100 Secs (2288 Secs) *[==>1144.0 Secs (Pattern 1)]* *[==>1144.0 Secs (Pattern 2)]*	 ***[1]***
2		(11) MESSIER-101	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS100; NSAMP=13		Pattern 4, Exps 1-2 in M 101 (20) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in M 101 (20)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	 ***[1]***
3		(11) MESSIER-101	ACS/WFC, ACCUM, WFC	F606W		POS TARG 0.5,0.25	Pattern 4, Exps 3-4 in M 101 (20) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in M 101 (20)	1100 Secs (2426 Secs) *[==>1213.0 Secs (Pattern 1)]* *[==>1213.0 Secs (Pattern 2)]*	 ***[2]***
4		(11) MESSIER-101	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 3-4 in M 101 (20) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in M 101 (20)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	 ***[2]***
5		(11) MESSIER-101	ACS/WFC, ACCUM, WFC	F606W		POS TARG 0.25,3.0	Prime + Parallel Group 5-6 in M 101 (20)	1100 Secs (1224 Secs) *[==>1224.0 Secs]*	 ***[3]***
6		(11) MESSIER-101	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS100; NSAMP=14		Prime + Parallel Group 5-6 in M 101 (20)	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[3]***
7		(11) MESSIER-101	ACS/WFC, ACCUM, WFC	F814W			Prime + Parallel Group 7-8 in M 101 (20)	1100 Secs (1201 Secs) *[==>1201.0 Secs]*	 ***[3]***
8		(11) MESSIER-101	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Prime + Parallel Group 7-8 in M 101 (20)	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[3]***

Orbit Structure






Orbit 3
Server Version: 20150609
Unused Orbital Visibility = 1
GS Reacq
Pointing Maneuver
Reconfig
Exp. 5
Exp. 7
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 6
Exp. 8

Visit

Proposal 13691, M 66 (21), completed Fri Aug 28 01:09:01 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 178D TO 182 D

Diagnostics

(M 66 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(M 66 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(M 66 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6)

Fixed Targets

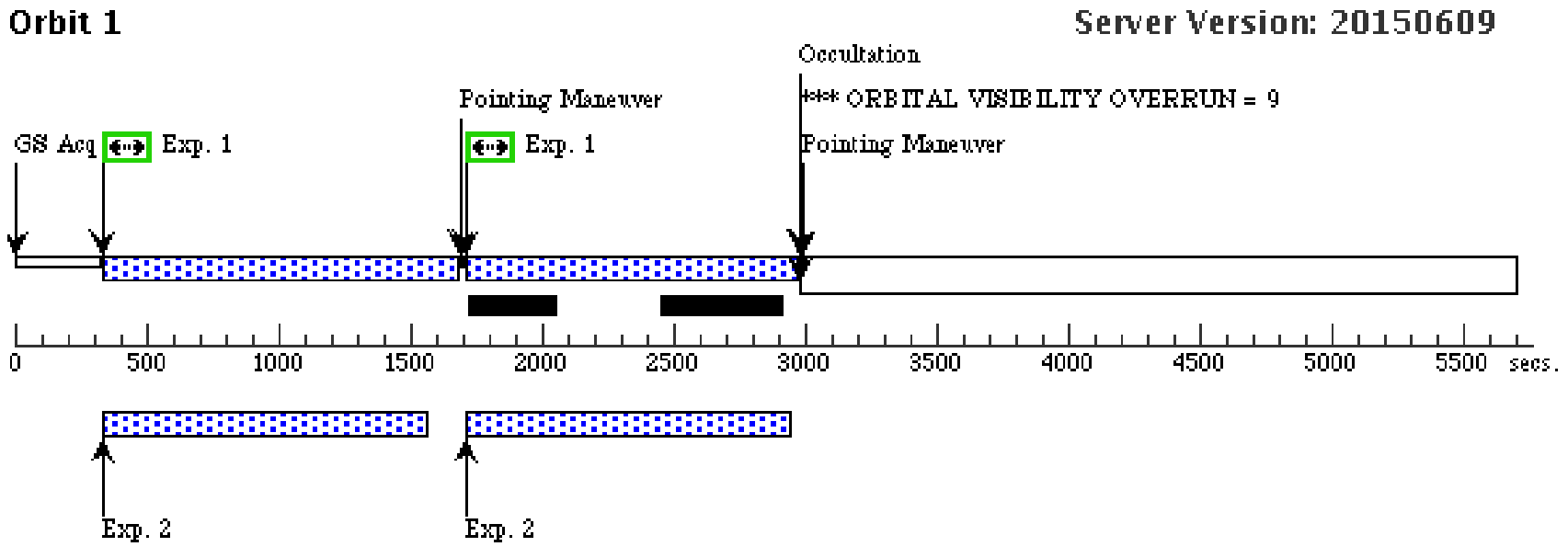
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(9)	MESSIER-066	RA: 11 20 31.4800 (170.1311667d) Dec: +12 59 45.01 (12.99584d) Equinox: J2000		V=12.08	Reference Frame: NED

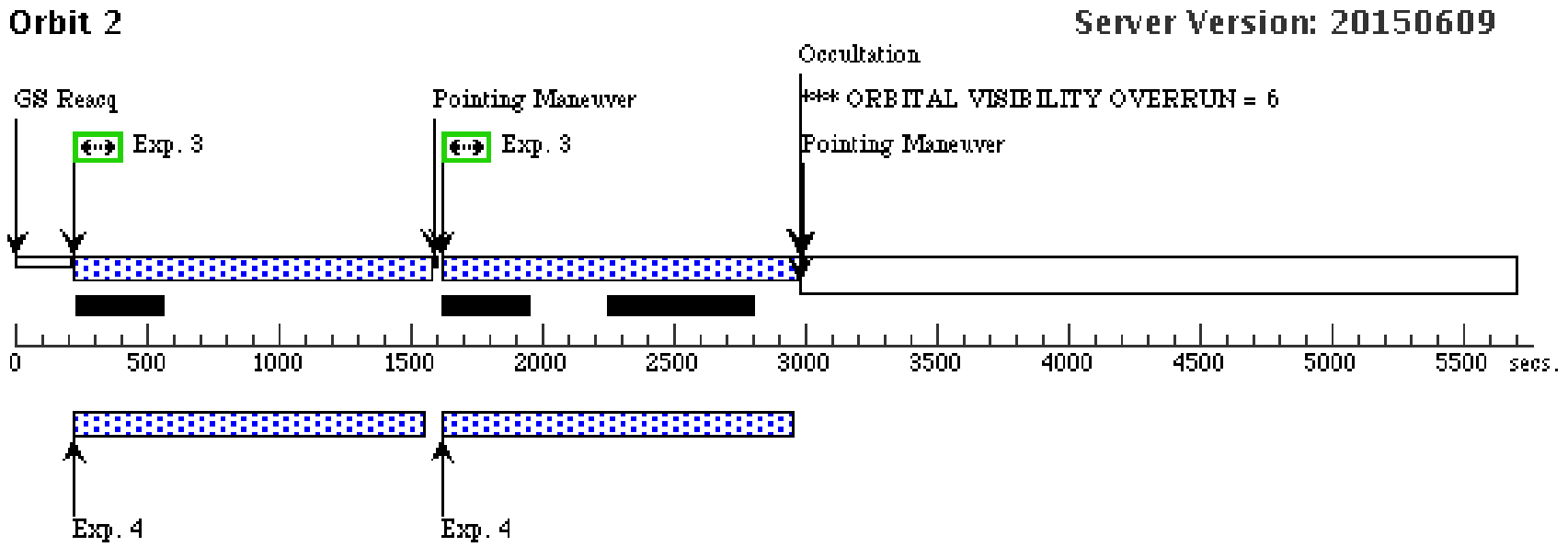
Comments: This object was generated by the targetselector and retrieved from the NED database.

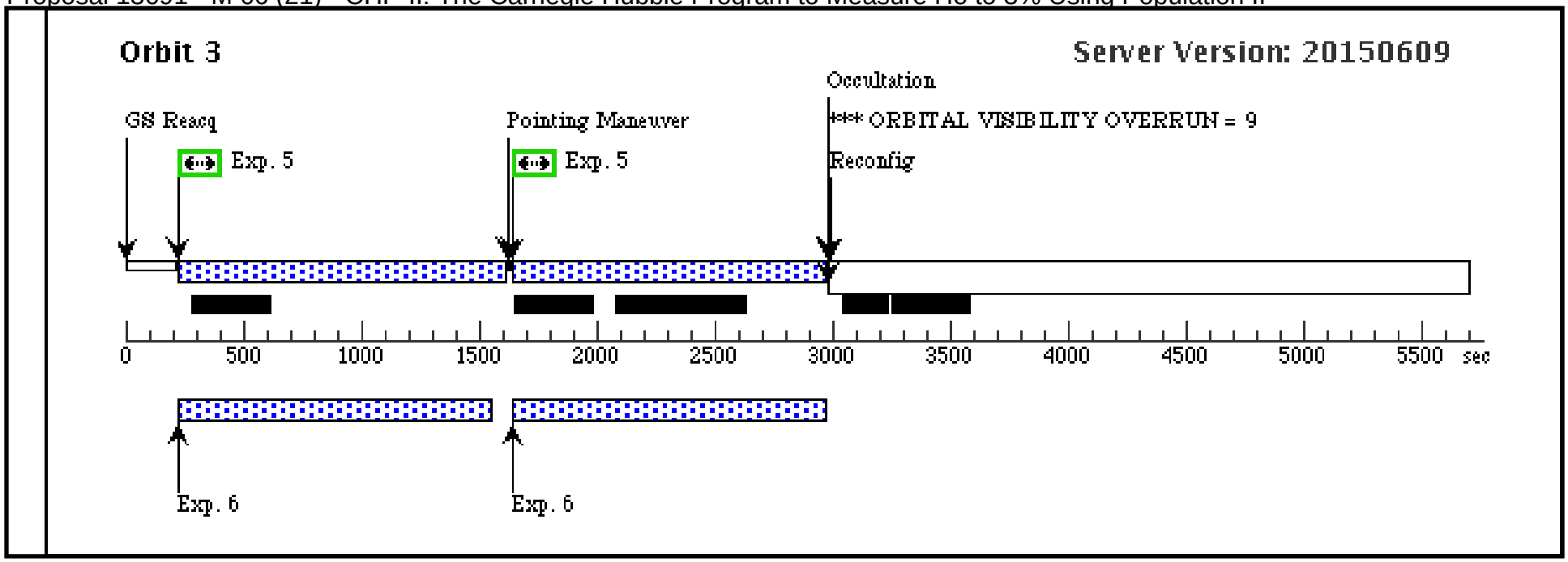
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(9) MESSIER-066	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE1B3	Pattern 4, Exps 1-2 in M 66 (21) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in M 66 (21)	1100 Secs (2282 Secs) *[==>1141.0 Secs (Pattern 1)]* *[==>1141.0 Secs (Pattern 2)]*	***[1]***
2		(9) MESSIER-066	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 1-2 in M 66 (21) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in M 66 (21)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3		(9) MESSIER-066	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 3-4 in M 66 (21) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in M 66 (21)	1100 Secs (2472 Secs) *[==>1236.0 Secs (Pattern 1)]* *[==>1236.0 Secs (Pattern 2)]*	***[2]***
4		(9) MESSIER-066	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 3-4 in M 66 (21) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in M 66 (21)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
5		(9) MESSIER-066	ACS/WFC, ACCUM, WFC	F606W			Pattern 4, Exps 5-6 in M 66 (21) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in M 66 (21)	1100 Secs (2420 Secs) *[==>1210.0 Secs (Pattern 1)]* *[==>1210.0 Secs (Pattern 2)]*	***[3]***
6		(9) MESSIER-066	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 5-6 in M 66 (21) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in M 66 (21)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20150609
Occultation
GS Reacq
Pointing Maneuver
*** ORBITAL VISIBILITY OVERRUN = 9
Exp. 5
Exp. 5
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 6
Exp. 6

Visit

Proposal 13691, M 96 (22), implementation Fri Aug 28 01:09:01 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 289D TO 300 D

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8)

Fixed Targets

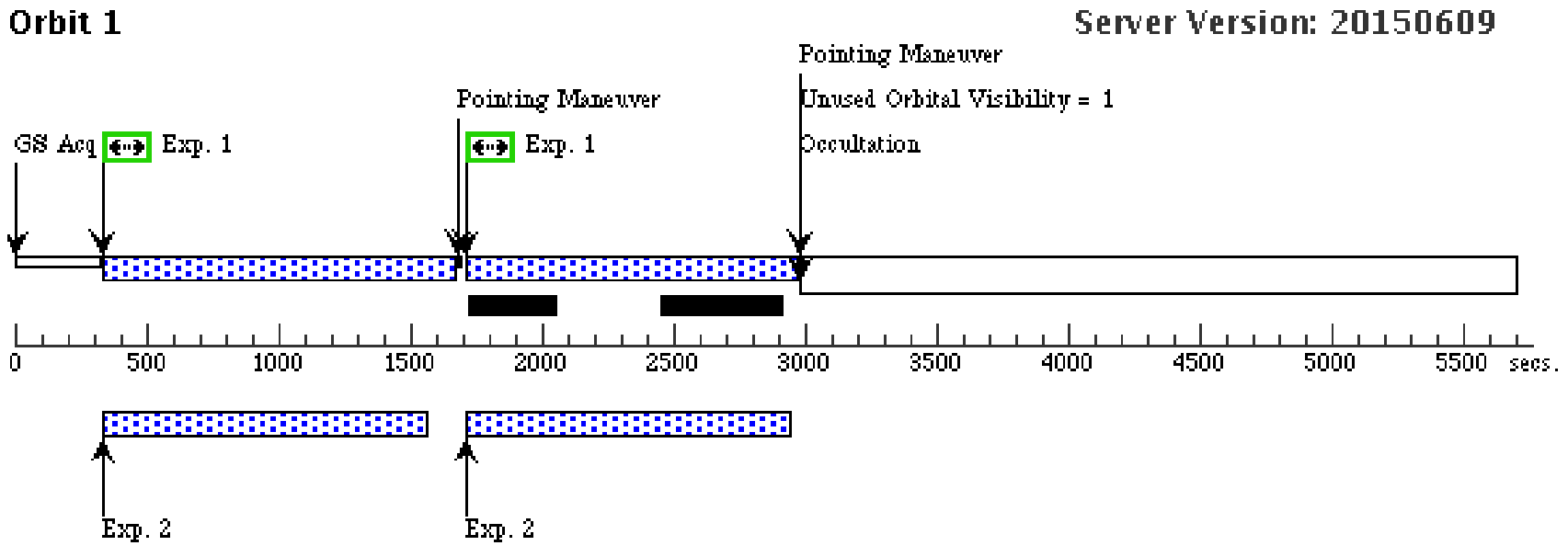
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(10)	MESSIER-096	RA: 10 47 4.4000 (161.7683333d) Dec: +11 49 28.00 (11.82444d) Equinox: J2000		V=9.59	Reference Frame: NED

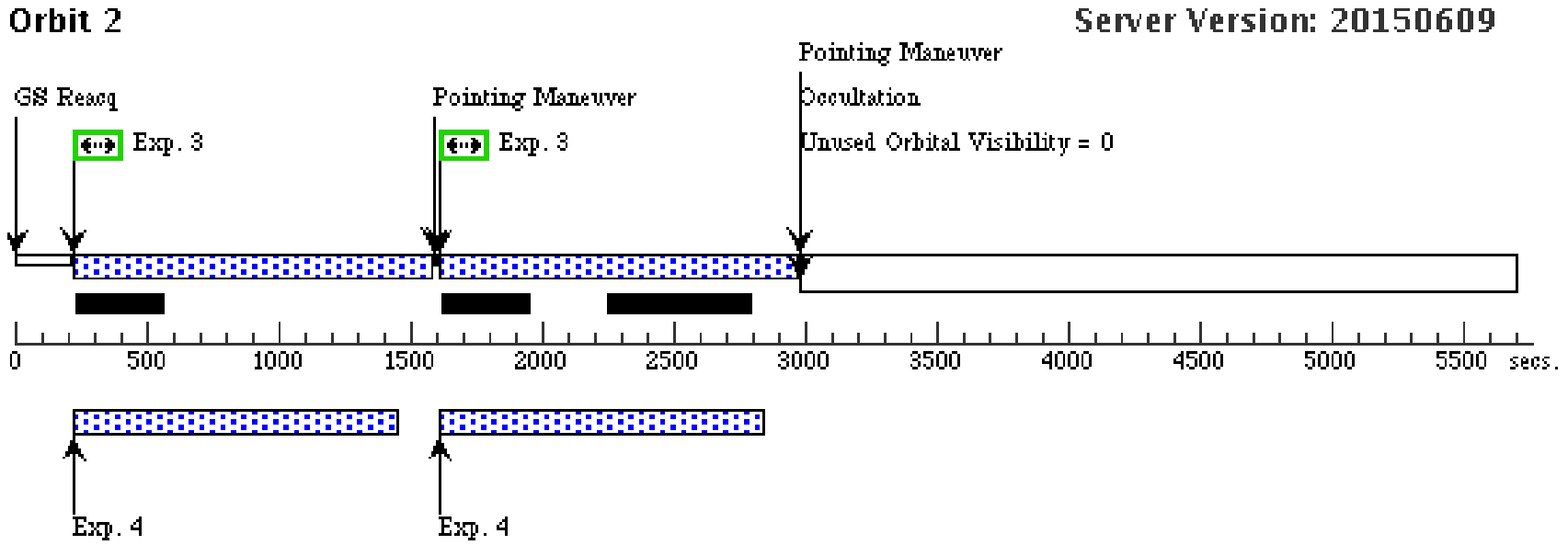
Comments: This object was generated by the targetselector and retrieved from the NED database.

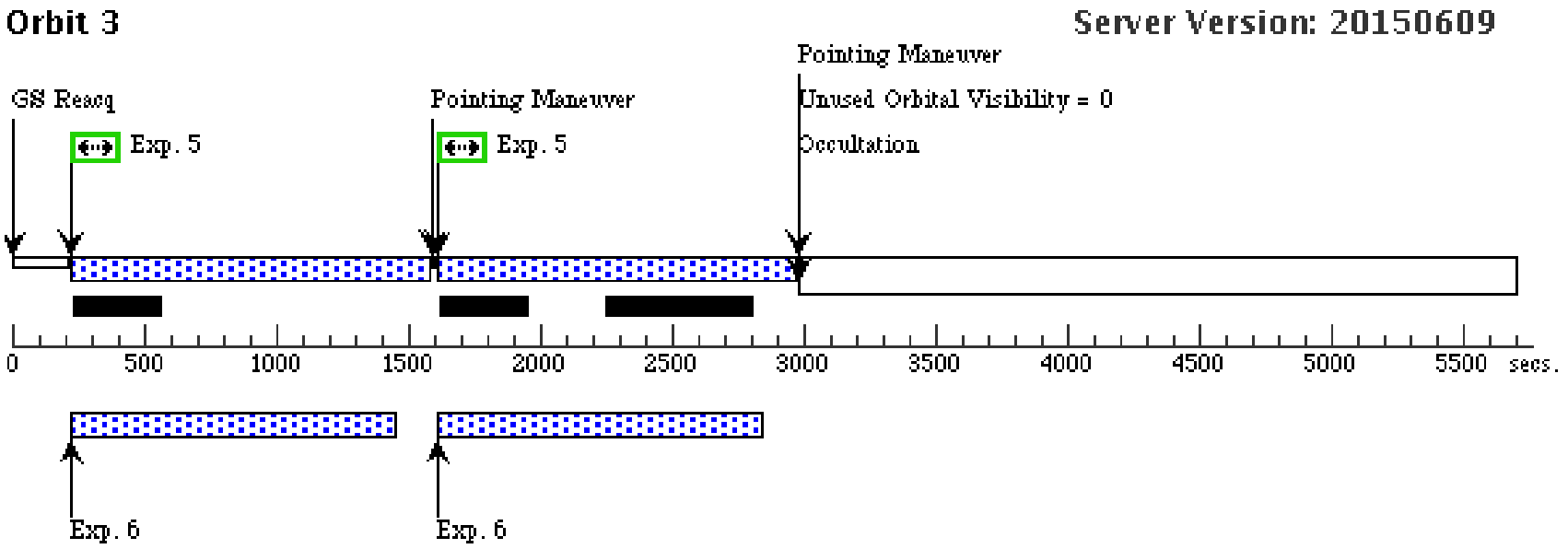
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(10) MESSIER-096	ACS/WFC, ACCUM, WFC	F814W		GS ACQ SCENARIO BASE1B3	Pattern 4, Exps 1-2 in M 96 (22) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in M 96 (22)	1100 Secs (2272 Secs) *[==>1136.0 Secs (Pattern 1)]* *[==>1136.0 Secs (Pattern 2)]*	***[1]***
2		(10) MESSIER-096	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 1-2 in M 96 (22) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in M 96 (22)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3		(10) MESSIER-096	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 3-4 in M 96 (22) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in M 96 (22)	1150 Secs (2466 Secs) *[==>1233.0 Secs (Pattern 1)]* *[==>1233.0 Secs (Pattern 2)]*	***[2]***
4		(10) MESSIER-096	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 3-4 in M 96 (22) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in M 96 (22)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
5		(10) MESSIER-096	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 5-6 in M 96 (22) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in M 96 (22)	1150 Secs (2466 Secs) *[==>1233.0 Secs (Pattern 1)]* *[==>1233.0 Secs (Pattern 2)]*	***[3]***
6		(10) MESSIER-096	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 5-6 in M 96 (22) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in M 96 (22)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
7		(10) MESSIER-096	ACS/WFC, ACCUM, WFC	F606W		POS TARG 0.5,0.25	Pattern 4, Exps 7-8 in M 96 (22) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in M 96 (22)	1150 Secs (2410 Secs) *[==>1205.0 Secs (Pattern 1)]* *[==>1205.0 Secs (Pattern 2)]*	***[4]***
8		(10) MESSIER-096	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 7-8 in M 96 (22) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in M 96 (22)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

Orbit Structure



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GS Reacq
Pointing Maneuver
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Exp. 5
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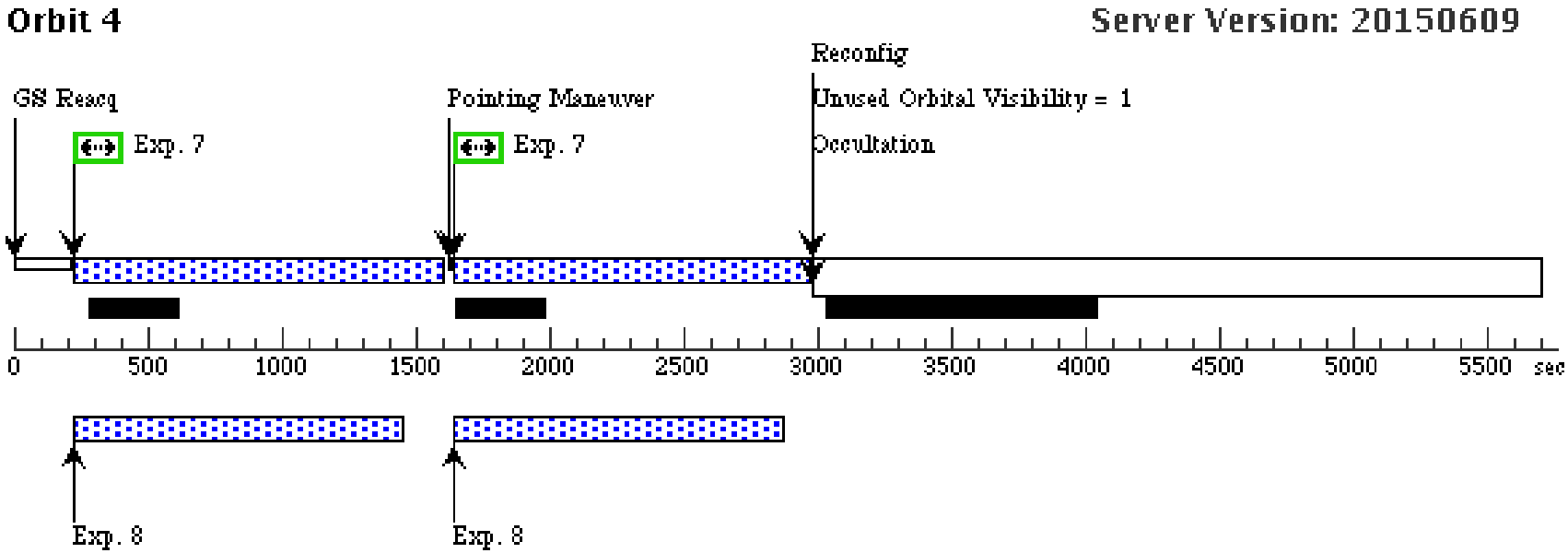
5000
5500
secs.
Exp. 6
Exp. 6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2500
3000
3500
4000
4500
5000
5500
sec
Exp. 8
Exp. 8

Visit

Proposal 13691, NGC 4536 (23), implementation Fri Aug 28 01:09:01 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 289D TO 303 D

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(5-6), (7-8), (9-10), (11-12), (13-14)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(5)	NGC-4536	RA: 12 34 21.1230 (188.5880125d) Dec: +02 08 40.84 (2.14468d) Equinox: J2000		V=11.26	Reference Frame: NED

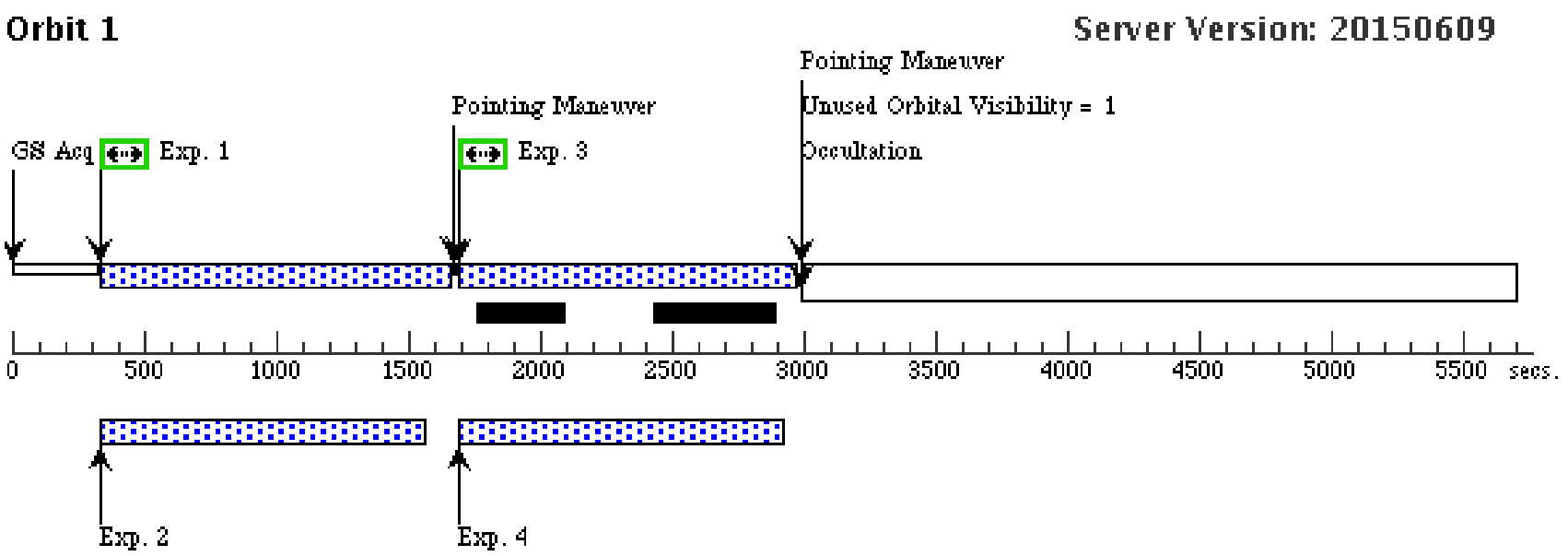
Comments: This object was generated by the targetselector and retrieved from the NED database.

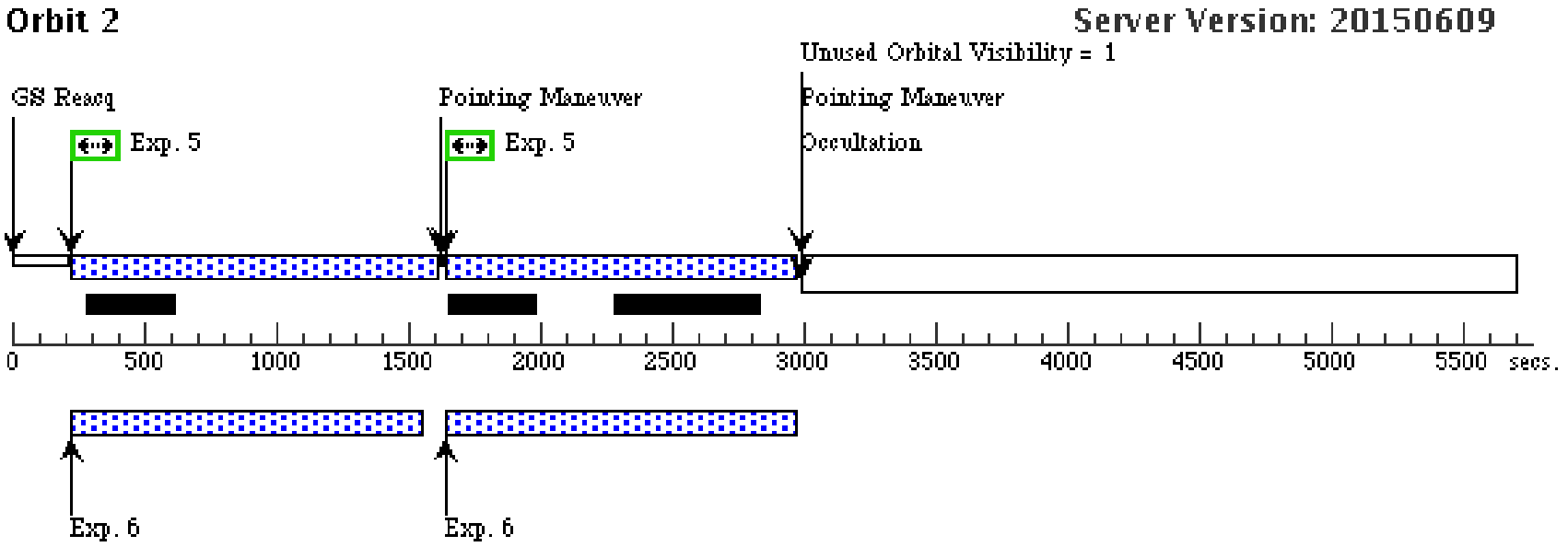
Exposures

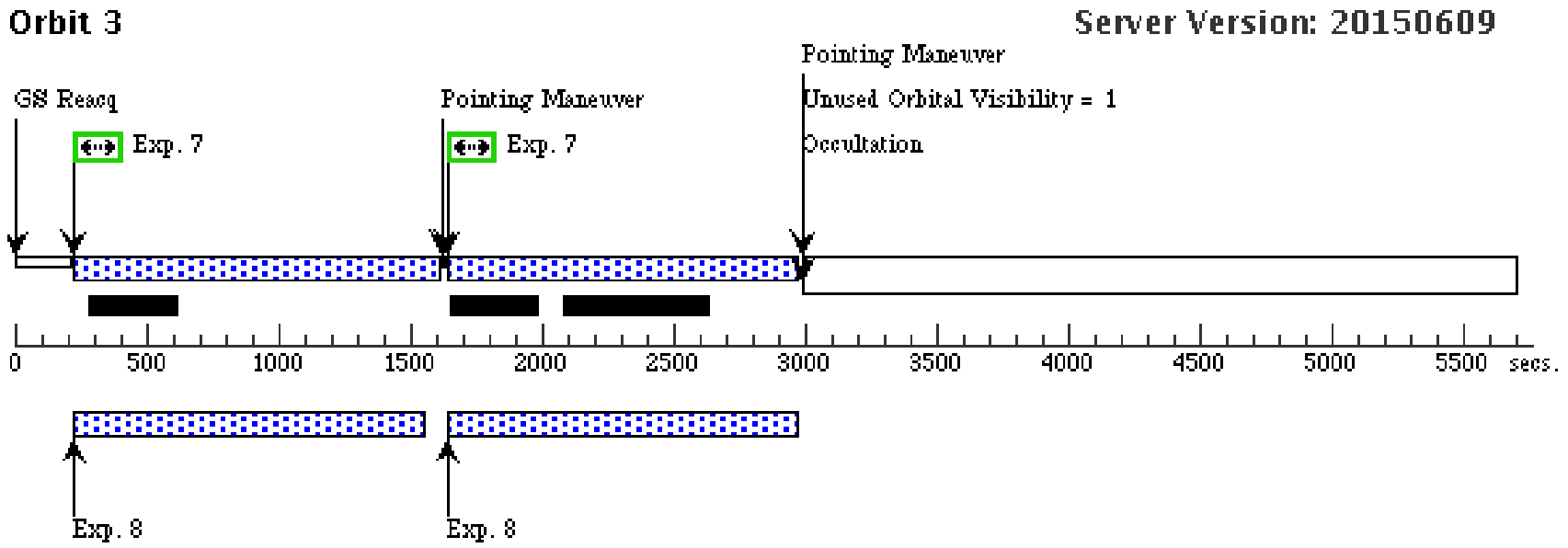
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(5) NGC-4536	ACS/WFC, ACCUM, WFC	F606W		GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in NGC 4536 (23)	1100 Secs (1122 Secs) *[==>1122.0 Secs]*	***[1]***
2		(5) NGC-4536	WFC3/IR, MULTIACCUM, IR-FIX	F110W	SAMP-SEQ=SPARS100; NSAMP=13		Prime + Parallel Group 1-2 in NGC 4536 (23)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		(5) NGC-4536	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.25,3.0	Prime + Parallel Group 3-4 in NGC 4536 (23)	1100 Secs (1099 Secs) *[==>1099.0 Secs]*	***[1]***
4		(5) NGC-4536	WFC3/IR, MULTIACCUM, IR-FIX	F160W	SAMP-SEQ=SPARS100; NSAMP=13		Prime + Parallel Group 3-4 in NGC 4536 (23)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
5		(5) NGC-4536	ACS/WFC, ACCUM, WFC	F606W		POS TARG 0.5,0.25	Pattern 4, Exps 5-6 in NGC 4536 (23) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 4536 (23)	1100 Secs (2414 Secs) *[==>1207.0 Secs (Pattern 1)]* *[==>1207.0 Secs (Pattern 2)]*	***[2]***
6		(5) NGC-4536	WFC3/IR, MULTIACCUM, IR-FIX	F110W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 5-6 in NGC 4536 (23) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 4536 (23)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
7		(5) NGC-4536	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 7-8 in NGC 4536 (23) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 4536 (23)	1100 Secs (2414 Secs) *[==>1207.0 Secs (Pattern 1)]* *[==>1207.0 Secs (Pattern 2)]*	***[3]***
8		(5) NGC-4536	WFC3/IR, MULTIACCUM, IR-FIX	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 7-8 in NGC 4536 (23) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 4536 (23)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
9		(5) NGC-4536	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 9-10 in NGC 4536 (23) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 4536 (23)	1100 Secs (2470 Secs) *[==>1235.0 Secs (Pattern 1)]* *[==>1235.0 Secs (Pattern 2)]*	***[4]***
10		(5) NGC-4536	WFC3/IR, MULTIACCUM, IR-FIX	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 9-10 in NGC 4536 (23) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 4536 (23)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

	11	(5) NGC-4536	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 11-12 in NGC 4536 (23) (4) Prime + Parallel Group up 11-12 in Pattern 4, Exps 11-12 in NGC 4536 (23)	1100 Secs (2470 Secs) *[==>1235.0 Secs (Pattern 1)]* *[==>1235.0 Secs (Pattern 2)]*	***[5]***
	12	(5) NGC-4536	WFC3/IR, MULTIACCUM, IR-FIX	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 11-12 in NGC 4536 (23) (4) Prime + Parallel Group up 11-12 in Pattern 4, Exps 11-12 in NGC 4536 (23)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
	13	(5) NGC-4536	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 13-14 in NGC 4536 (23) (4) Prime + Parallel Group up 13-14 in Pattern 4, Exps 13-14 in NGC 4536 (23)	1100 Secs (2470 Secs) *[==>1235.0 Secs (Pattern 1)]* *[==>1235.0 Secs (Pattern 2)]*	***[6]***
	14	(5) NGC-4536	WFC3/IR, MULTIACCUM, IR-FIX	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 13-14 in NGC 4536 (23) (4) Prime + Parallel Group up 13-14 in Pattern 4, Exps 13-14 in NGC 4536 (23)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***

Orbit Structure



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Pointing Maneuver
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5000
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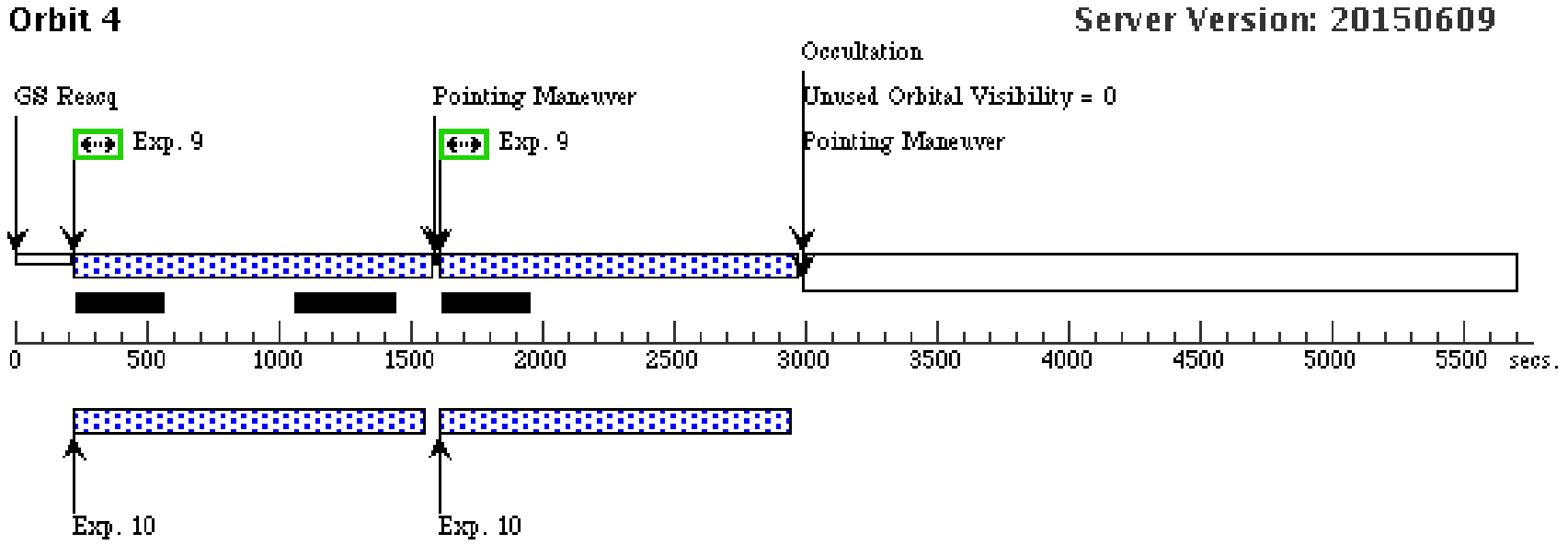
secs.
Exp. 8
Exp. 8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Exp. 9
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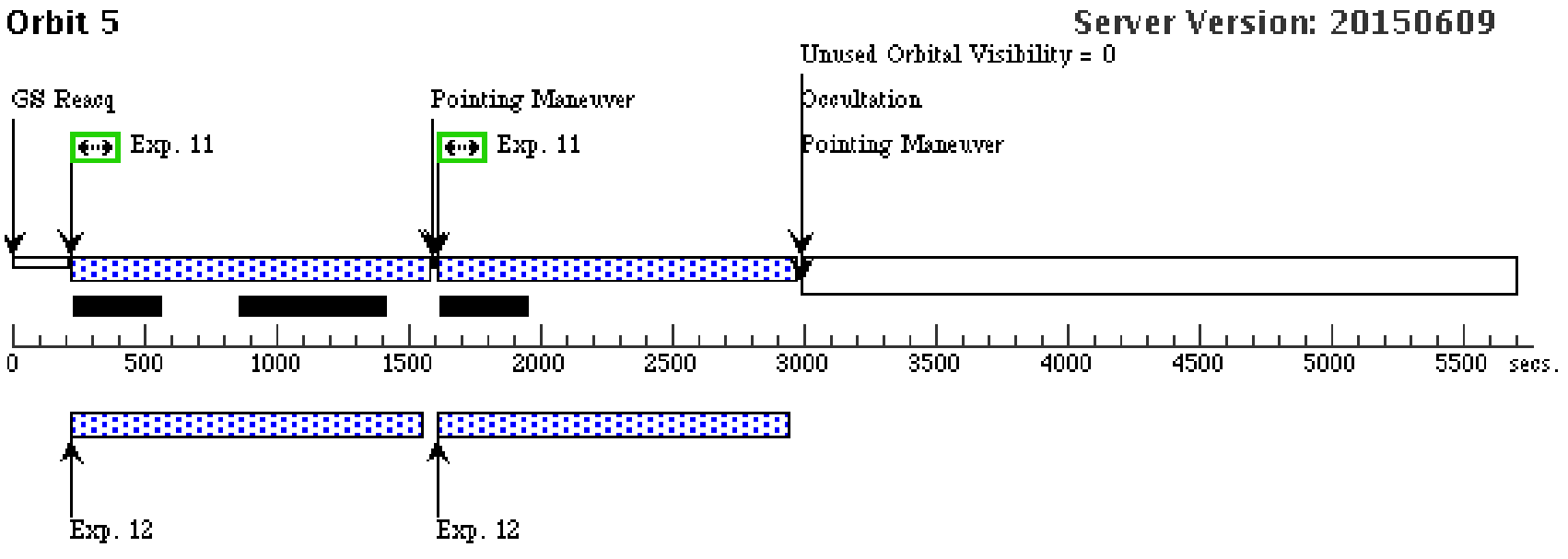
5000
5500
secs.
Exp. 10
Exp. 10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Server Version: 20150609
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Pointing Maneuver
Occultation
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Exp. 11
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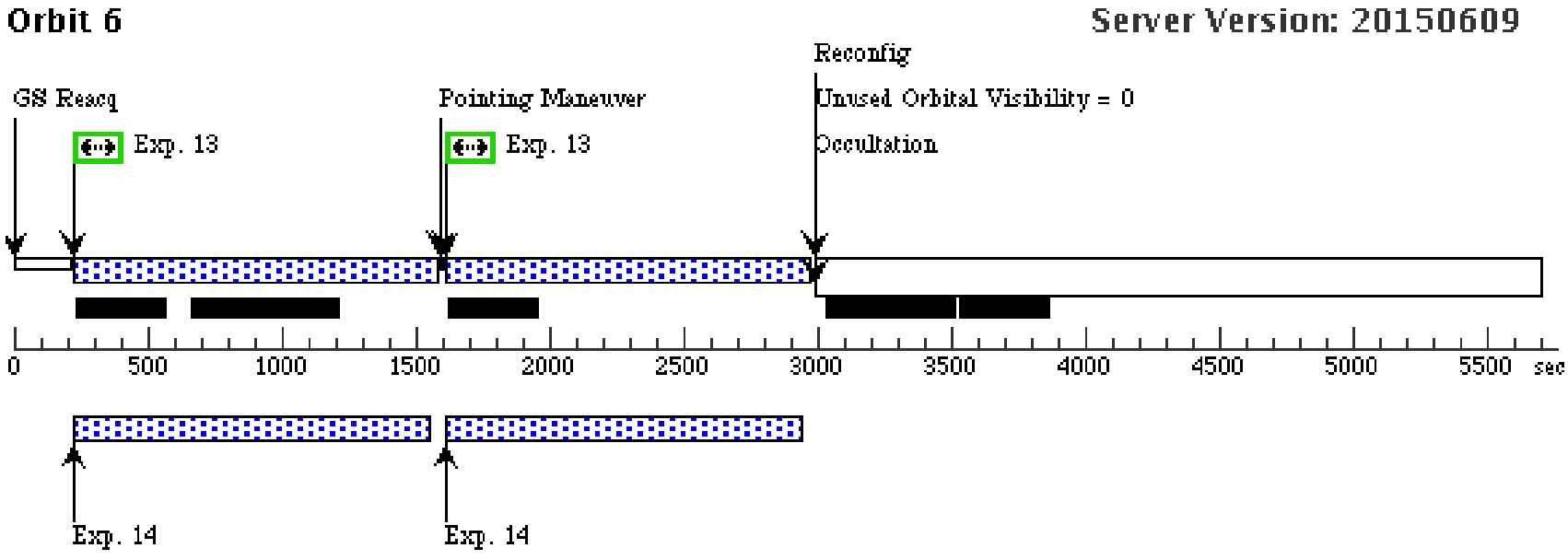
secs.
Exp. 12
Exp. 12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Exp. 13
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5000
5500
sec
Exp. 14
Exp. 14

Visit

Proposal 13691, NGC 4526 (24), completed Fri Aug 28 01:09:01 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 107D TO 111 D

Diagnostics

(NGC 4526 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 4526 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 4526 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 4526 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 4526 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 4526 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(5-6), (7-8), (9-10), (11-12), (13-14)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(6)	NGC-4526	RA: 12 34 3.7920 (188.5158000d) Dec: +07 45 11.71 (7.75325d) Equinox: J2000		V=11.23	Reference Frame: NED

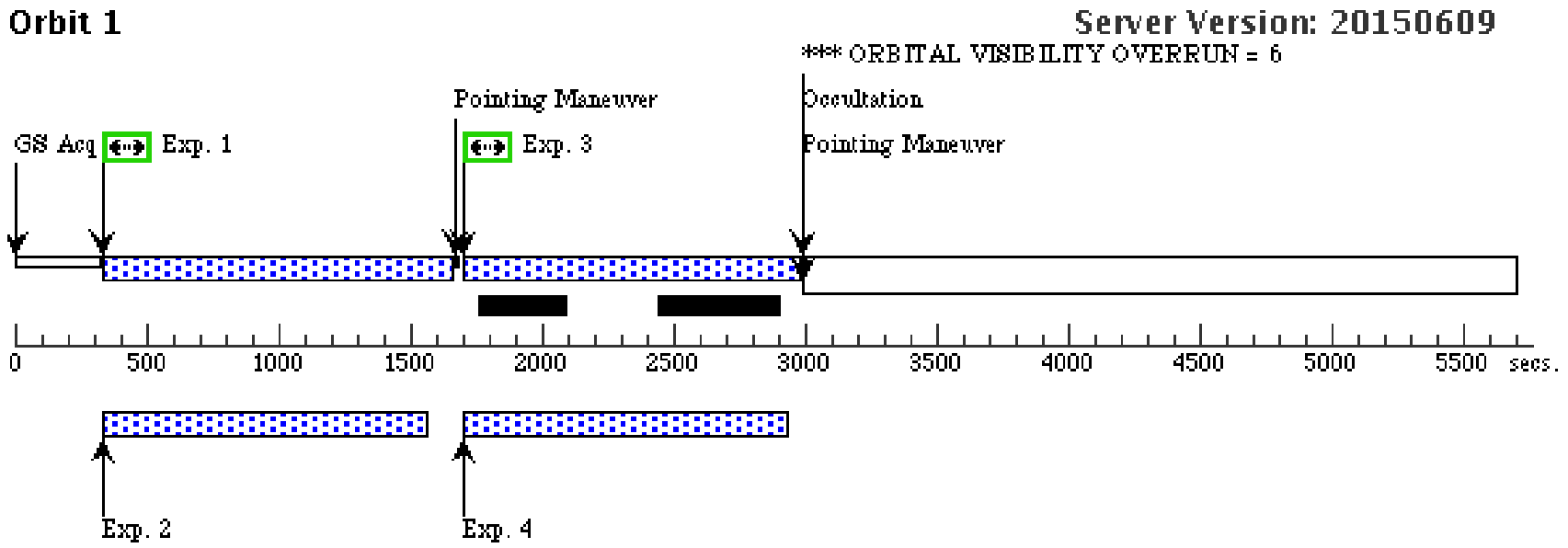
Comments: This object was generated by the targetselector and retrieved from the NED database.

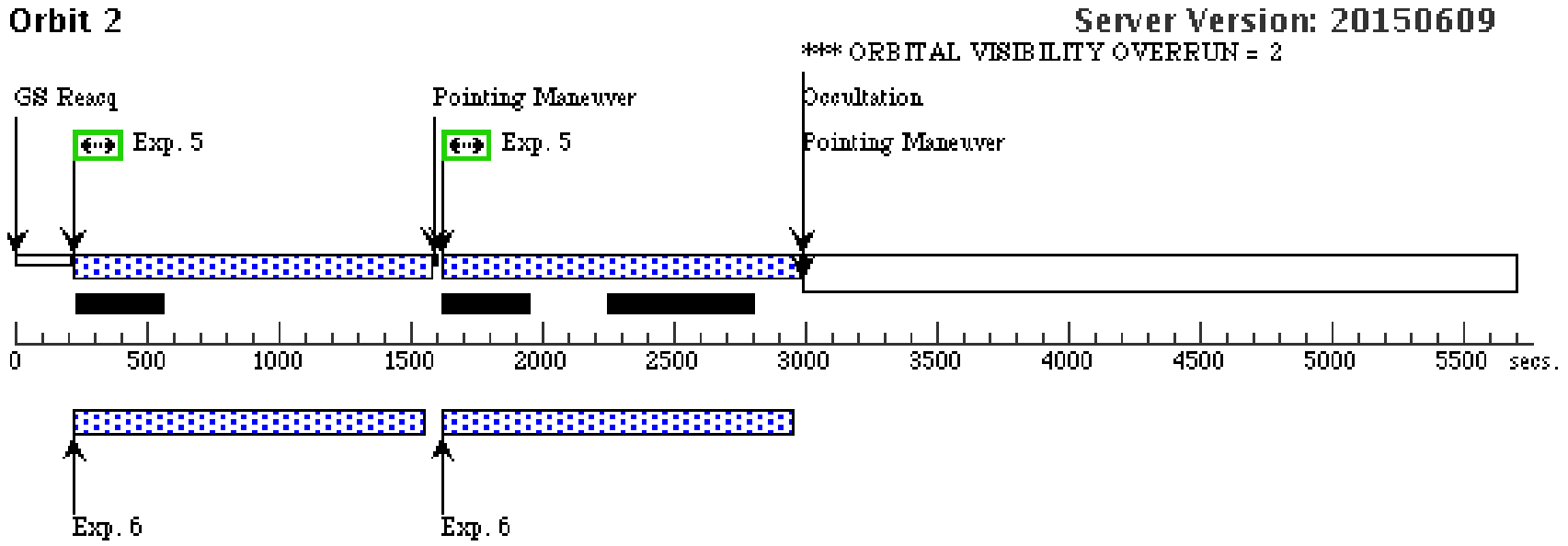
Exposures

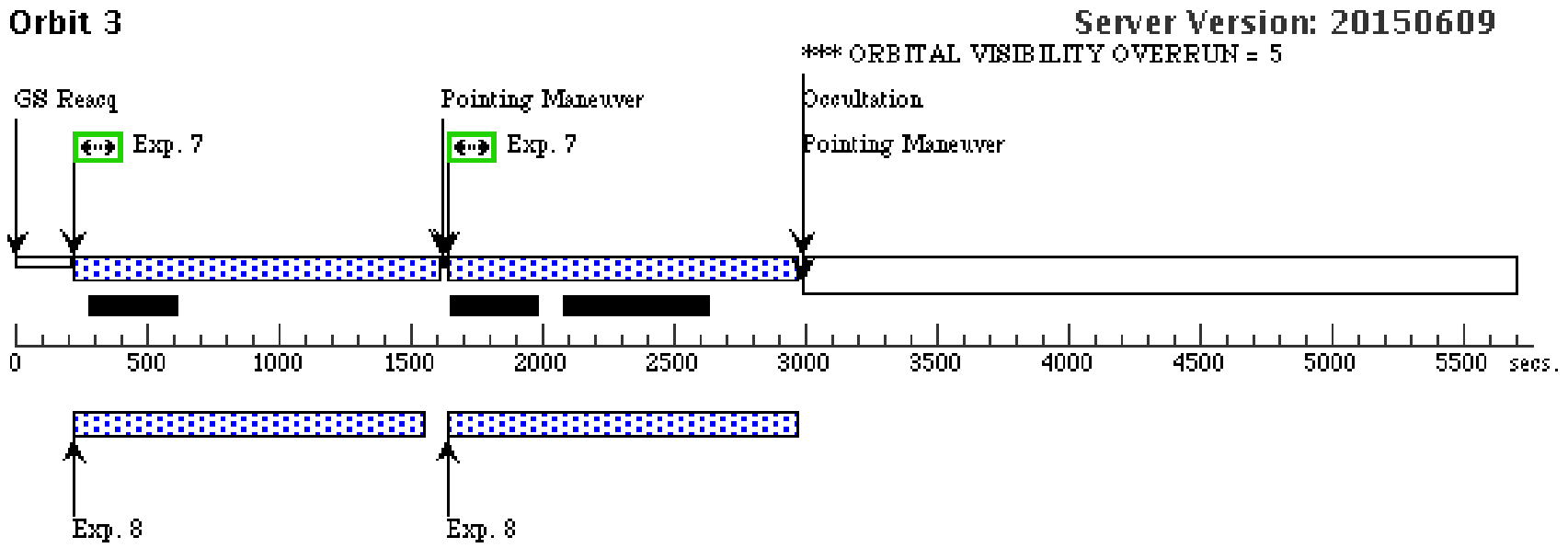
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(6) NGC-4526	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.25,3.0	Prime + Parallel Group 1-2 in NGC 4526 (24)	1100 Secs (1126 Secs) *[==>1126.0 Secs]*	***[1]***
2		(6) NGC-4526	WFC3/IR, MULTIACCUM, IR-FIX	F160W	SAMP-SEQ=SPARS100; NSAMP=13		Prime + Parallel Group 1-2 in NGC 4526 (24)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		(6) NGC-4526	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 3-4 in NGC 4526 (24)	1100 Secs (1102 Secs) *[==>1102.0 Secs]*	***[1]***
4		(6) NGC-4526	WFC3/IR, MULTIACCUM, IR-FIX	F110W	SAMP-SEQ=SPARS100; NSAMP=13		Prime + Parallel Group 3-4 in NGC 4526 (24)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
5		(6) NGC-4526	ACS/WFC, ACCUM, WFC	F606W		POS TARG 0.5,0.25	Pattern 4, Exps 5-6 in NGC 4526 (24) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 4526 (24)	1100 Secs (2472 Secs) *[==>1236.0 Secs (Pattern 1)]* *[==>1236.0 Secs (Pattern 2)]*	***[2]***
6		(6) NGC-4526	WFC3/IR, MULTIACCUM, IR-FIX	F110W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 5-6 in NGC 4526 (24) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 4526 (24)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
7		(6) NGC-4526	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 7-8 in NGC 4526 (24) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 4526 (24)	1100 Secs (2420 Secs) *[==>1210.0 Secs (Pattern 1)]* *[==>1210.0 Secs (Pattern 2)]*	***[3]***
8		(6) NGC-4526	WFC3/IR, MULTIACCUM, IR-FIX	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 7-8 in NGC 4526 (24) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 4526 (24)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
9		(6) NGC-4526	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 9-10 in NGC 4526 (24) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 4526 (24)	1100 Secs (2472 Secs) *[==>1236.0 Secs (Pattern 1)]* *[==>1236.0 Secs (Pattern 2)]*	***[4]***
10		(6) NGC-4526	WFC3/IR, MULTIACCUM, IR-FIX	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 9-10 in NGC 4526 (24) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 4526 (24)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

	11	(6) NGC-4526	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 11-12 in NGC 4526 (24) (4) Prime + Parallel Group 11-12 in Pattern 4, Exps 11-12 in NGC 4526 (24)	1100 Secs (2472 Secs) *[==>1236.0 Secs (Pattern 1)]* *[==>1236.0 Secs (Pattern 2)]*	***[5]***
	12	(6) NGC-4526	WFC3/IR, MULTIACCUM, IR-FIX	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 11-12 in NGC 4526 (24) (4) Prime + Parallel Group 11-12 in Pattern 4, Exps 11-12 in NGC 4526 (24)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
	13	(6) NGC-4526	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 13-14 in NGC 4526 (24) (4) Prime + Parallel Group 13-14 in Pattern 4, Exps 13-14 in NGC 4526 (24)	1100 Secs (2472 Secs) *[==>1236.0 Secs (Pattern 1)]* *[==>1236.0 Secs (Pattern 2)]*	***[6]***
	14	(6) NGC-4526	WFC3/IR, MULTIACCUM, IR-FIX	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 13-14 in NGC 4526 (24) (4) Prime + Parallel Group 13-14 in Pattern 4, Exps 13-14 in NGC 4526 (24)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***

Orbit Structure



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Exp. 7
Occultation
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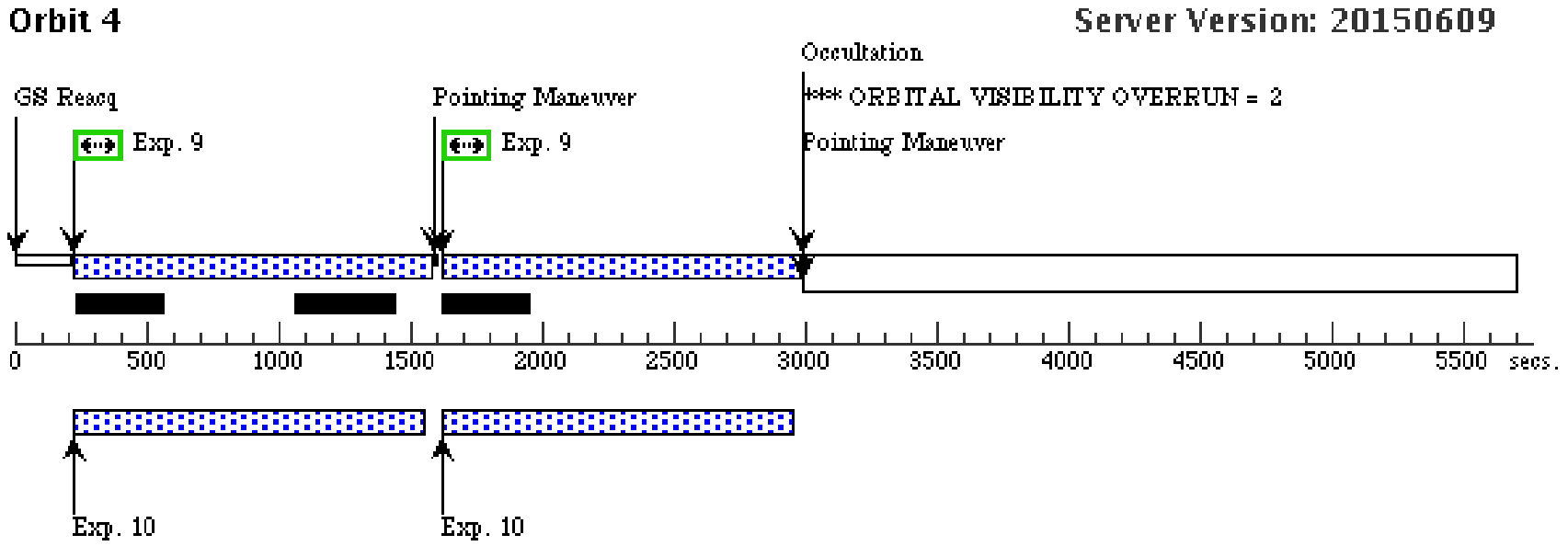
5000
5500
secs.
Exp. 8
Exp. 8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Server Version: 20150609
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Exp. 9
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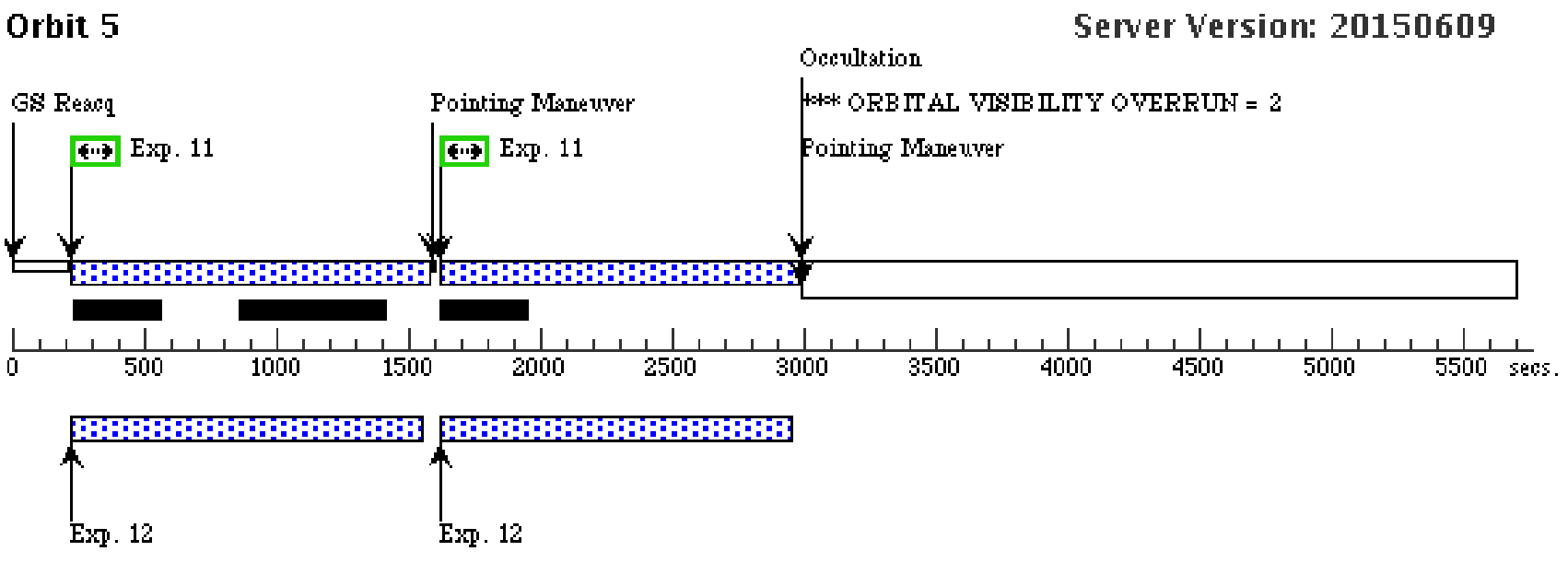
secs.
Exp. 10
Exp. 10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Server Version: 20150609
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Pointing Maneuver
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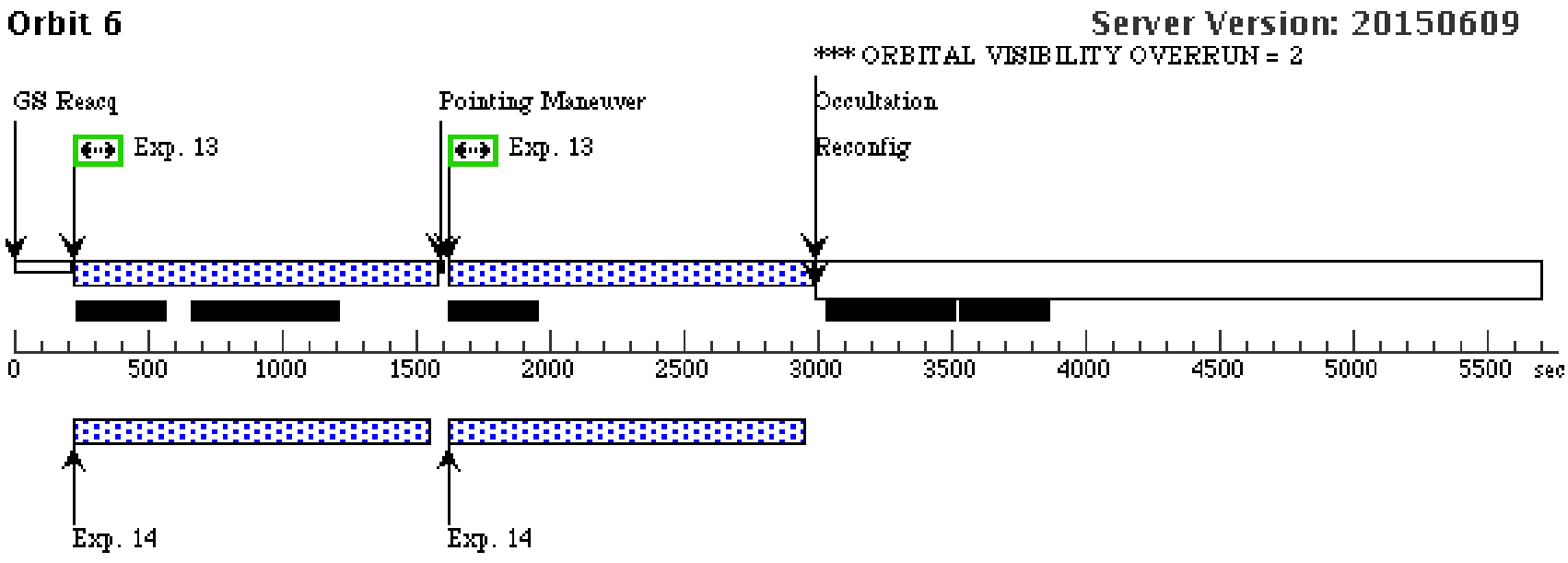
secs.
Exp. 12
Exp. 12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5000
5500
sec
Exp. 14
Exp. 14

Visit

Proposal 13691, NGC 4424 (25), completed Fri Aug 28 01:09:01 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 100D TO 103 D

Diagnostics

(NGC 4424 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 4424 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 4424 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 4424 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
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(NGC 4424 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(5-6), (7-8), (9-10), (11-12), (13-14)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(8)	NGC-4424	RA: 12 27 12.4200 (186.8017500d) Dec: +09 27 32.41 (9.45900d) Equinox: J2000		V=11.66	Reference Frame: NED

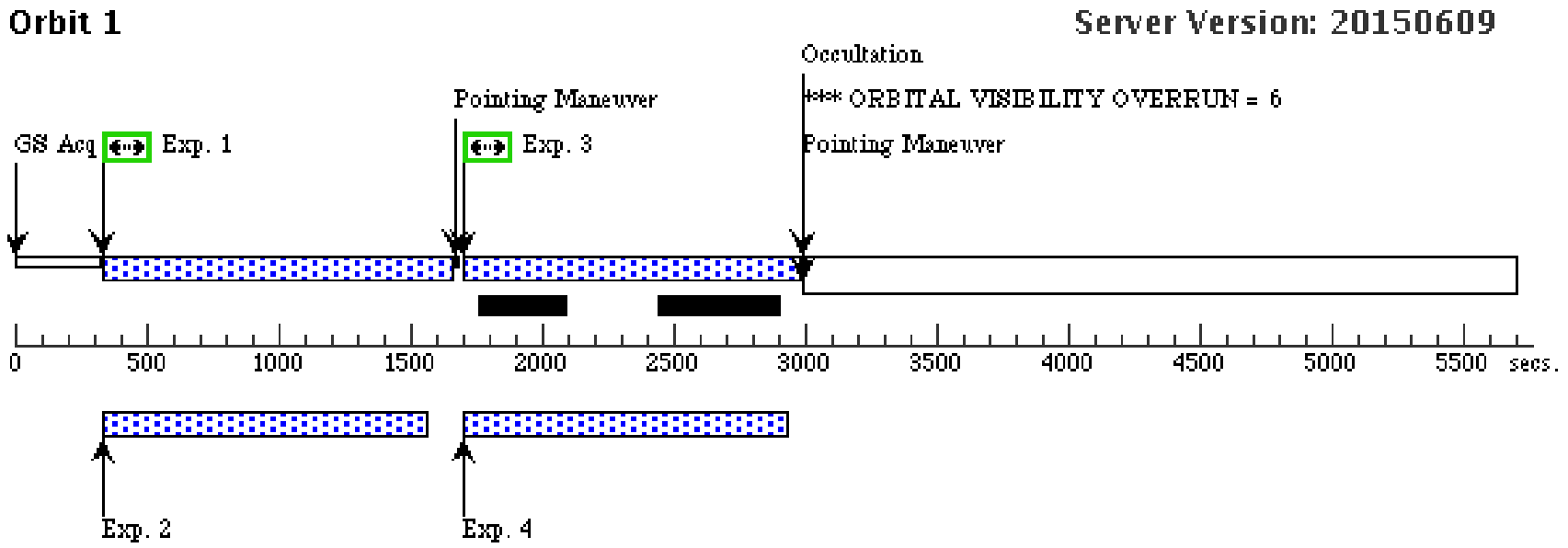
Comments: This object was generated by the targetselector and retrieved from the NED database.

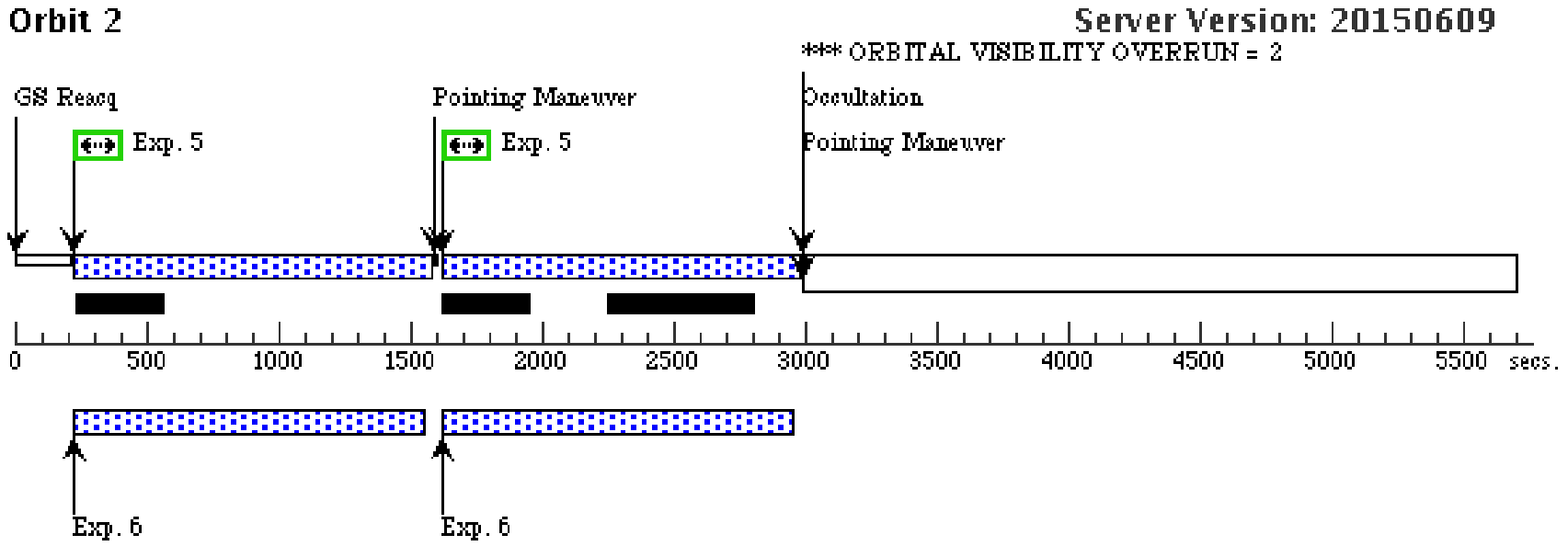
Exposures

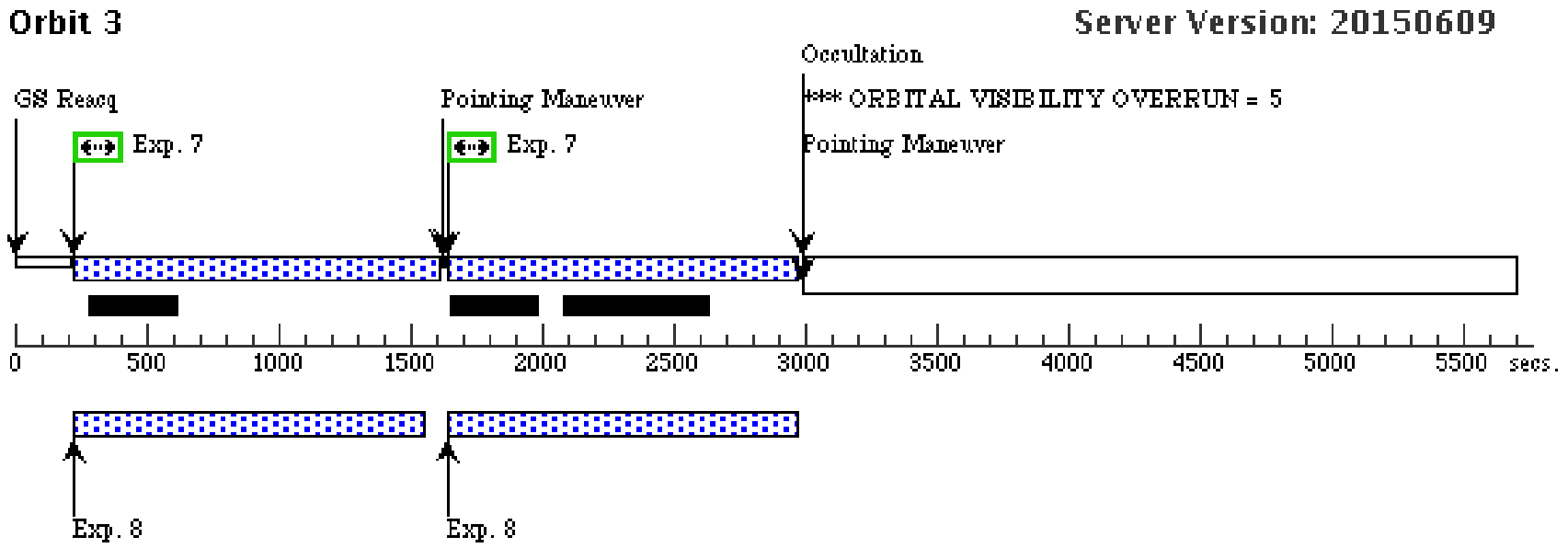
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(8) NGC-4424	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.25,3.0; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in NGC 4424 (25)	1100 Secs (1126 Secs) *[==>1126.0 Secs]*	***[1]***
2		(8) NGC-4424	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=13; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in NGC 4424 (25)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		(8) NGC-4424	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 3-4 in NGC 4424 (25)	1100 Secs (1102 Secs) *[==>1102.0 Secs]*	***[1]***
4		(8) NGC-4424	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=13; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in NGC 4424 (25)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
5		(8) NGC-4424	ACS/WFC, ACCUM, WFC	F606W		POS TARG 0.5,0.25	Pattern 4, Exps 5-6 in NGC 4424 (25) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 4424 (25)	1100 Secs (2472 Secs) *[==>1236.0 Secs (Pattern 1)]* *[==>1236.0 Secs (Pattern 2)]*	***[2]***
6		(8) NGC-4424	WFC3/IR, MULTIACCUM, IR-FIX	F110W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 5-6 in NGC 4424 (25) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 4424 (25)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
7		(8) NGC-4424	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 7-8 in NGC 4424 (25) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 4424 (25)	1100 Secs (2420 Secs) *[==>1210.0 Secs (Pattern 1)]* *[==>1210.0 Secs (Pattern 2)]*	***[3]***
8		(8) NGC-4424	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 7-8 in NGC 4424 (25) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 4424 (25)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
9		(8) NGC-4424	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 9-10 in NGC 4424 (25) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 4424 (25)	1100 Secs (2472 Secs) *[==>1236.0 Secs (Pattern 1)]* *[==>1236.0 Secs (Pattern 2)]*	***[4]***
10		(8) NGC-4424	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 9-10 in NGC 4424 (25) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 4424 (25)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

	11	(8) NGC-4424	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 11-12 in NGC 4424 (25) (4) Prime + Parallel Group 11-12 in Pattern 4, Exps 11-12 in NGC 4424 (25)	1100 Secs (2472 Secs) *[==>1236.0 Secs (Pattern 1)]* *[==>1236.0 Secs (Pattern 2)]*	***[5]***
	12	(8) NGC-4424	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 11-12 in NGC 4424 (25) (4) Prime + Parallel Group 11-12 in Pattern 4, Exps 11-12 in NGC 4424 (25)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
	13	(8) NGC-4424	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 13-14 in NGC 4424 (25) (4) Prime + Parallel Group 13-14 in Pattern 4, Exps 13-14 in NGC 4424 (25)	1100 Secs (2472 Secs) *[==>1236.0 Secs (Pattern 1)]* *[==>1236.0 Secs (Pattern 2)]*	***[6]***
	14	(8) NGC-4424	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 13-14 in NGC 4424 (25) (4) Prime + Parallel Group 13-14 in Pattern 4, Exps 13-14 in NGC 4424 (25)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***

Orbit Structure



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Occultation
GS Reacq
Pointing Maneuver
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Pointing Maneuver
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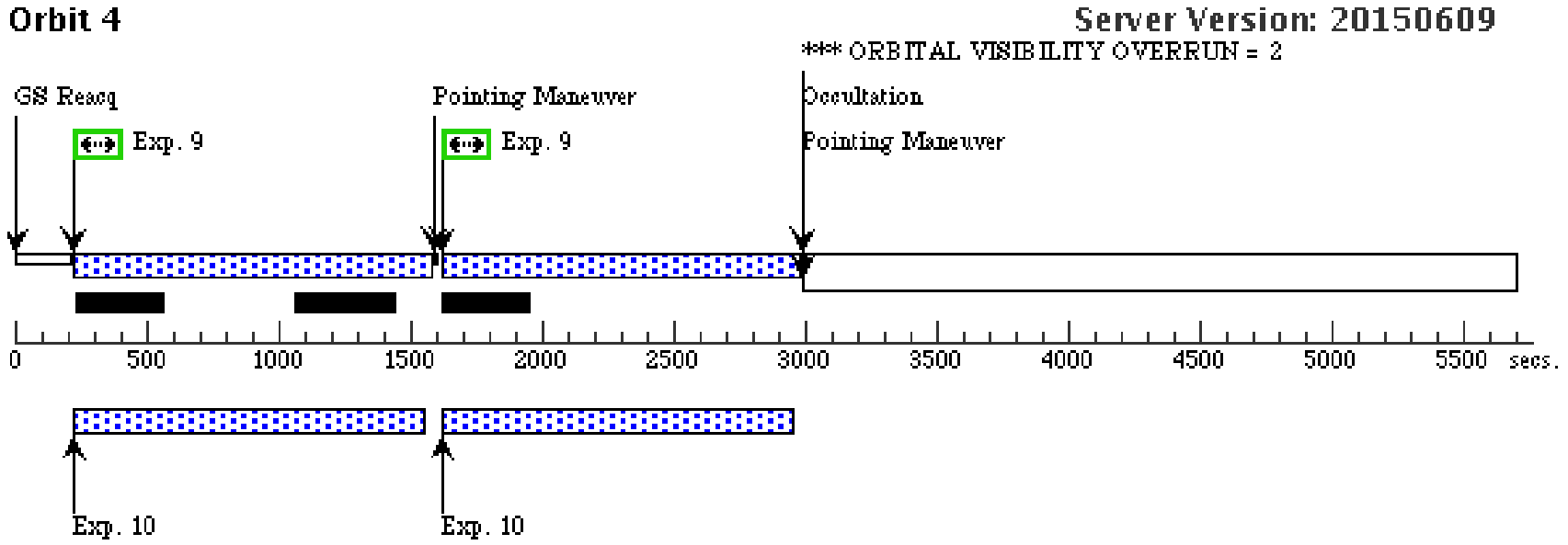
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 8
Exp. 8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Server Version: 20150609
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Pointing Maneuver
Occultation
Exp. 9
Exp. 9
Pointing Maneuver
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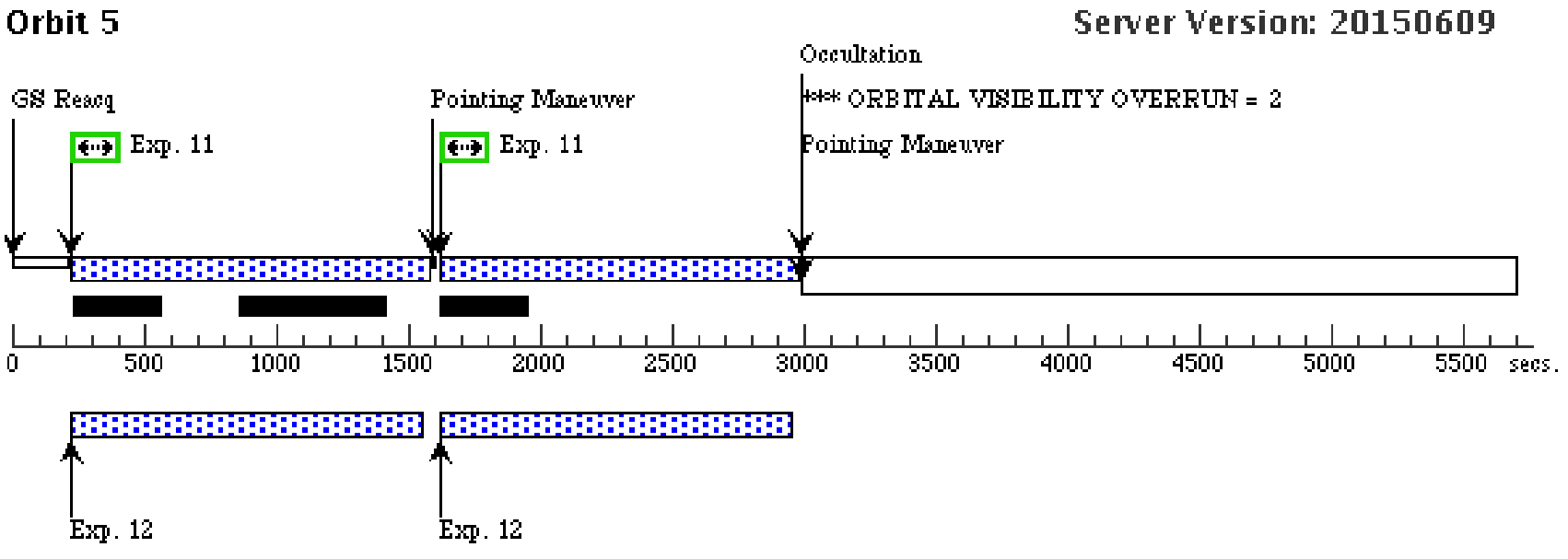
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 10


Orbit 5
Server Version: 20150609
Occultation
GS Reacq
Pointing Maneuver
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Exp. 11
Pointing Maneuver
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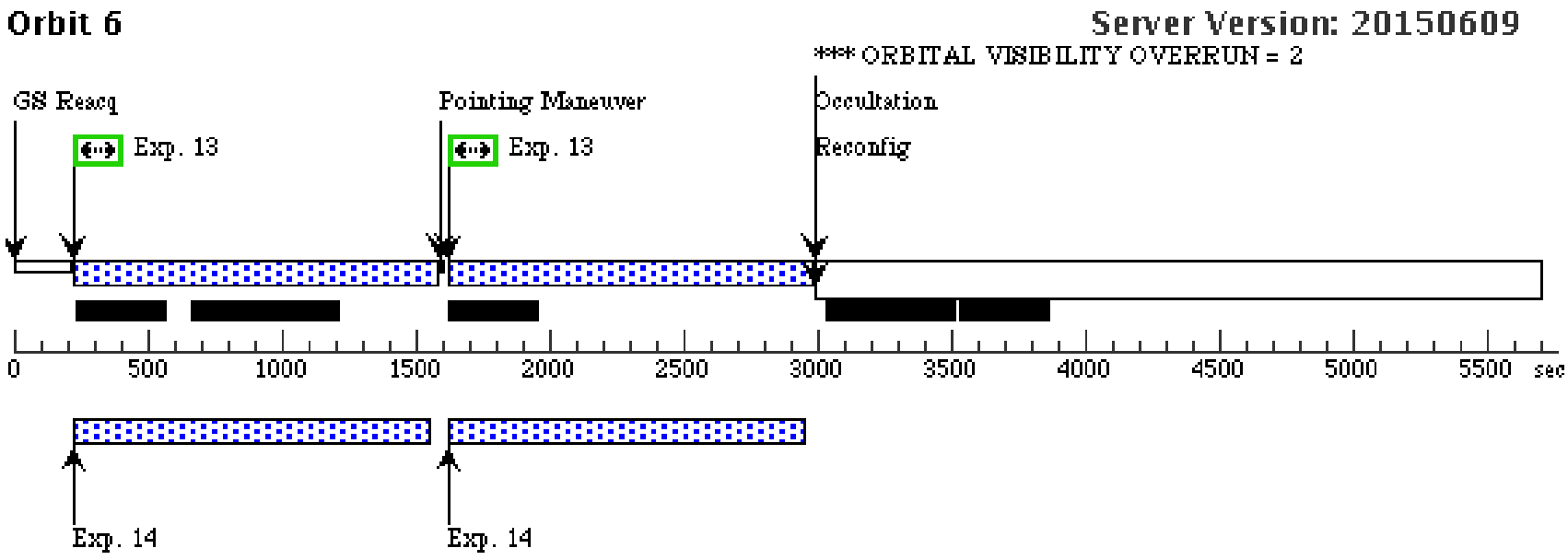
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 12
Exp. 12


Orbit 6
Server Version: 20150609
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Pointing Maneuver
Occultation
Exp. 13
Exp. 13
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 14

Visit

Proposal 13691, NGC 1448-1 (26), completed Fri Aug 28 01:09:01 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 133D TO 137 D

Diagnostics

(NGC 1448-1 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1448-1 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1448-1 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1448-1 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1448-1 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1448-1 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(5-6), (7-8), (9-10), (11-12), (13-14)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	NGC-1448	RA: 03 44 26.5880 (56.1107833d) Dec: -44 36 14.22 (-44.60395d) Equinox: J2000		V=10.94	Reference Frame: NED

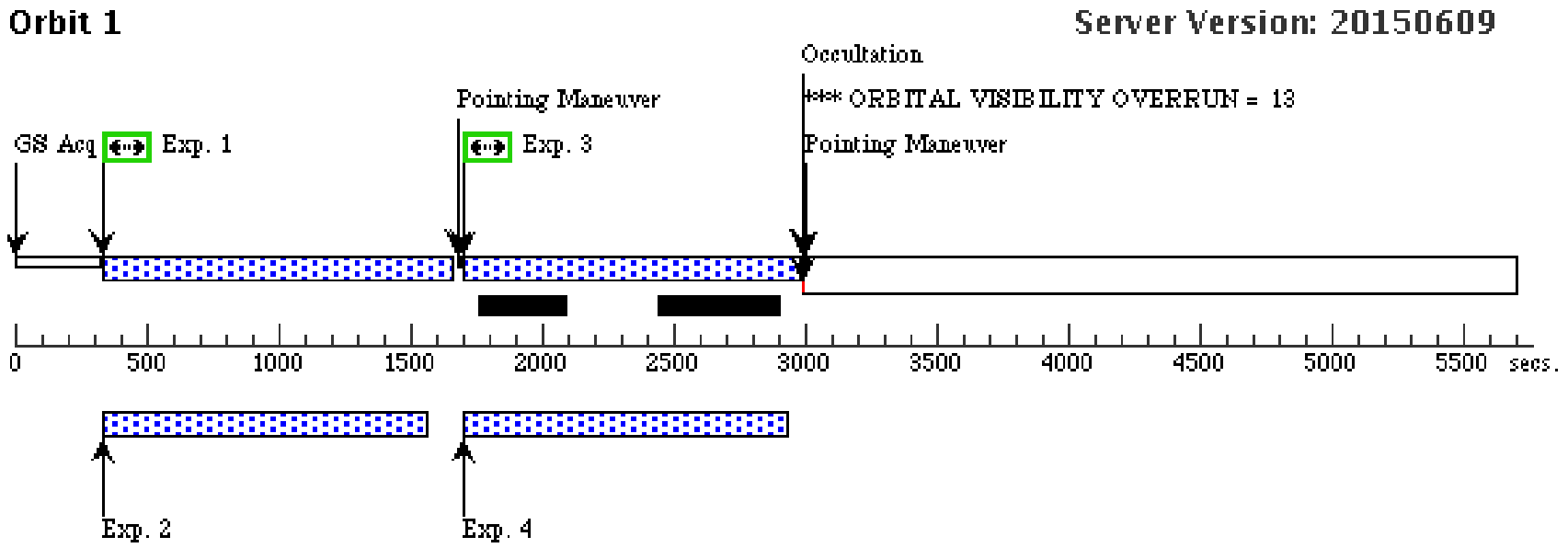
Comments: This object was generated by the targetselector and retrieved from the NED database.

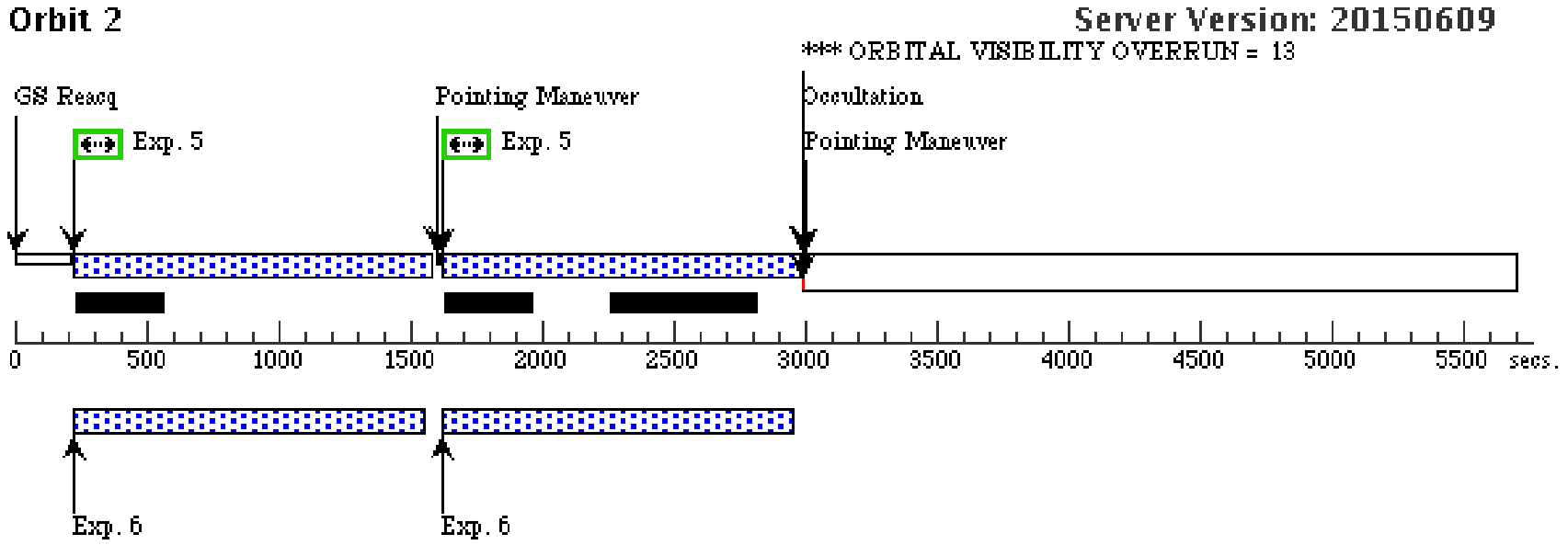
Exposures

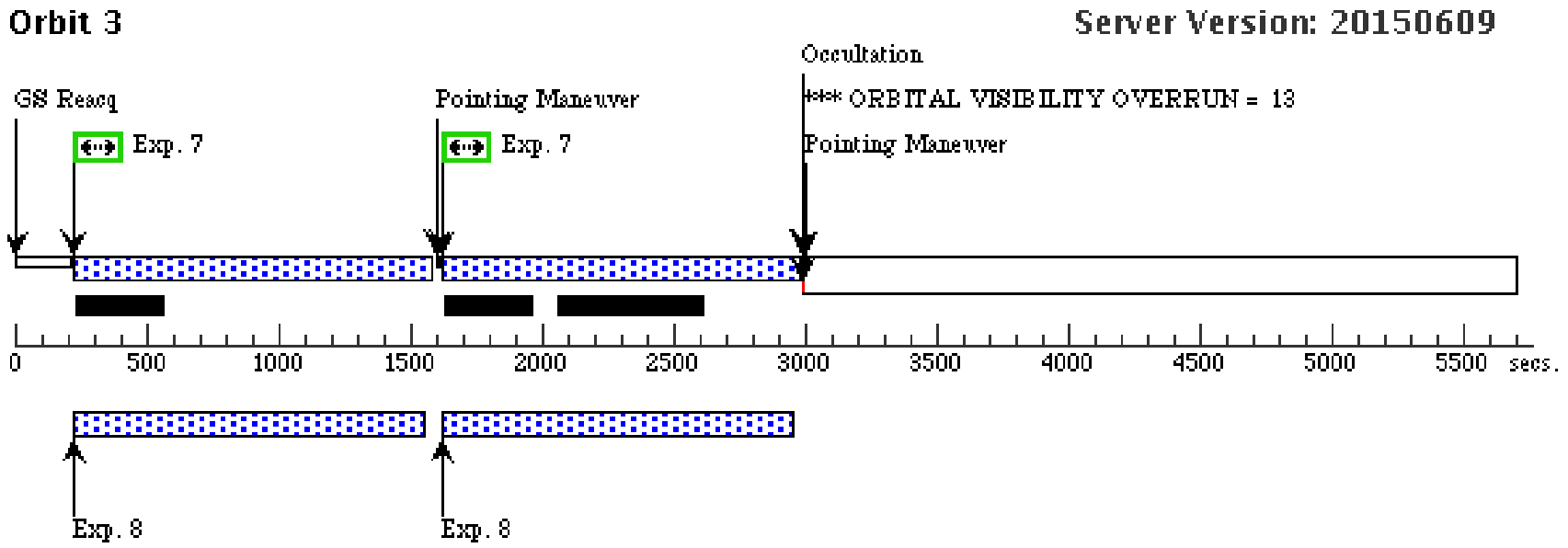
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) NGC-1448	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.25,3.0	Prime + Parallel Group 1-2 in NGC 1448-1 (26)	1100 Secs (1129 Secs) *[==>1129.0 Secs]*	***[1]***
2		(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS100; NSAMP=13		Prime + Parallel Group 1-2 in NGC 1448-1 (26)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
3		(7) NGC-1448	ACS/WFC, ACCUM, WFC	F606W			Prime + Parallel Group 3-4 in NGC 1448-1 (26)	1100 Secs (1105 Secs) *[==>1105.0 Secs]*	***[1]***
4		(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS100; NSAMP=13		Prime + Parallel Group 3-4 in NGC 1448-1 (26)	1202.936167 Secs (1202.936 Secs) *[==>]*	***[1]***
5		(7) NGC-1448	ACS/WFC, ACCUM, WFC	F606W		POS TARG 0.5,0.25	Pattern 4, Exps 5-6 in NGC 1448-1 (26) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1448-1 (26)	1100 Secs (2482 Secs) *[==>1241.0 Secs (Pattern 1)]* *[==>1241.0 Secs (Pattern 2)]*	***[2]***
6		(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 5-6 in NGC 1448-1 (26) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1448-1 (26)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
7		(7) NGC-1448	ACS/WFC, ACCUM, WFC	F606W			Pattern 4, Exps 7-8 in NGC 1448-1 (26) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1448-1 (26)	1100 Secs (2482 Secs) *[==>1241.0 Secs (Pattern 1)]* *[==>1241.0 Secs (Pattern 2)]*	***[3]***
8		(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 7-8 in NGC 1448-1 (26) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1448-1 (26)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
9		(7) NGC-1448	ACS/WFC, ACCUM, WFC	F606W		POS TARG 0.5,0.25	Pattern 4, Exps 9-10 in NGC 1448-1 (26) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1448-1 (26)	1100 Secs (2482 Secs) *[==>1241.0 Secs (Pattern 1)]* *[==>1241.0 Secs (Pattern 2)]*	***[4]***
10		(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 9-10 in NGC 1448-1 (26) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1448-1 (26)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

	11	(7) NGC-1448	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 11-12 in NGC 1448-1 (26) (4) Prime + Parallel Group 11-12 in Pattern 4, Exps 11-12 in NGC 1448-1 (26)	1100 Secs (2426 Secs) *[==>1213.0 Secs (Pattern 1)]* *[==>1213.0 Secs (Pattern 2)]*	***[5]***
	12	(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 11-12 in NGC 1448-1 (26) (4) Prime + Parallel Group 11-12 in Pattern 4, Exps 11-12 in NGC 1448-1 (26)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
	13	(7) NGC-1448	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 13-14 in NGC 1448-1 (26) (4) Prime + Parallel Group 13-14 in Pattern 4, Exps 13-14 in NGC 1448-1 (26)	1100 Secs (2482 Secs) *[==>1241.0 Secs (Pattern 1)]* *[==>1241.0 Secs (Pattern 2)]*	***[6]***
	14	(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 13-14 in NGC 1448-1 (26) (4) Prime + Parallel Group 13-14 in Pattern 4, Exps 13-14 in NGC 1448-1 (26)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***

Orbit Structure



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Pointing Maneuver
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Pointing Maneuver
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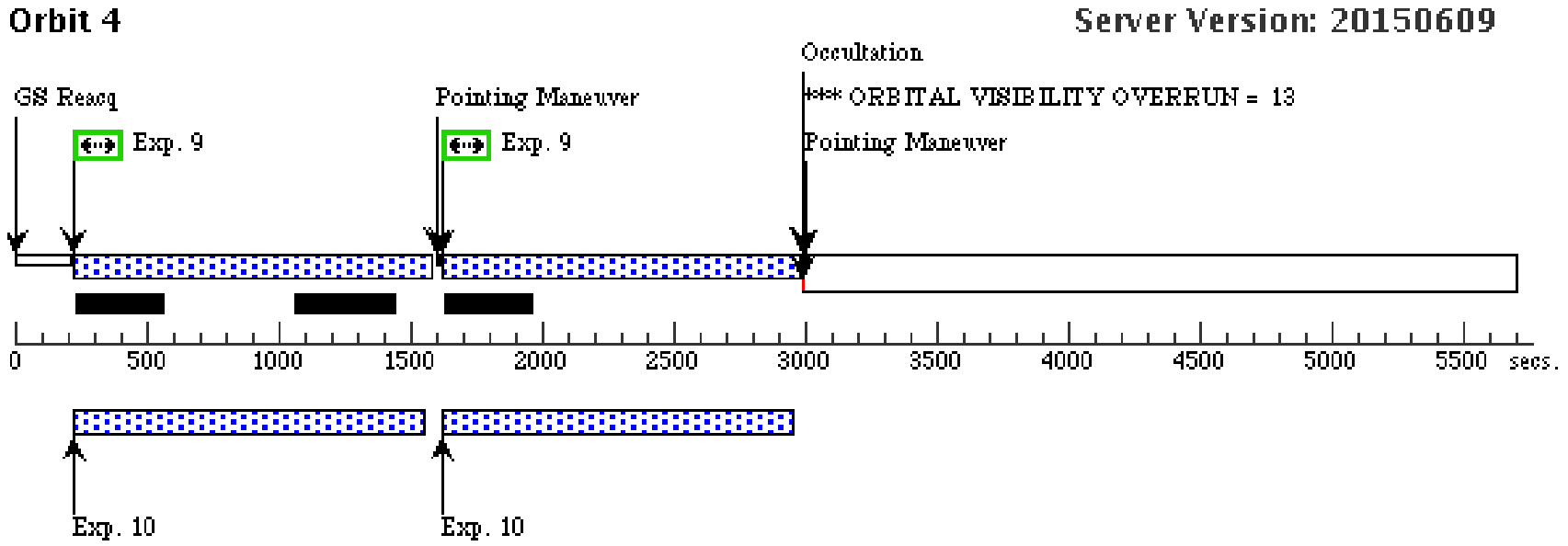
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 8
Exp. 8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Server Version: 20150609
Occultation
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Pointing Maneuver
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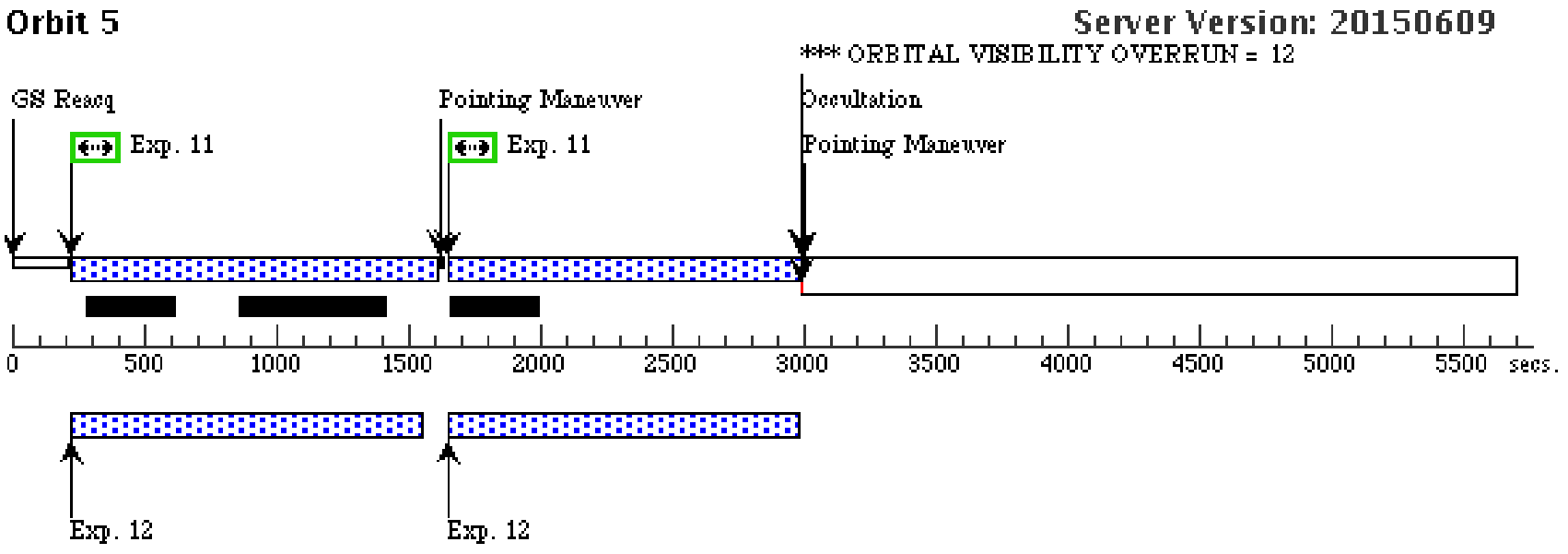
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 10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Server Version: 20150609
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Pointing Maneuver
Exp. 11
Occultation
Pointing Maneuver
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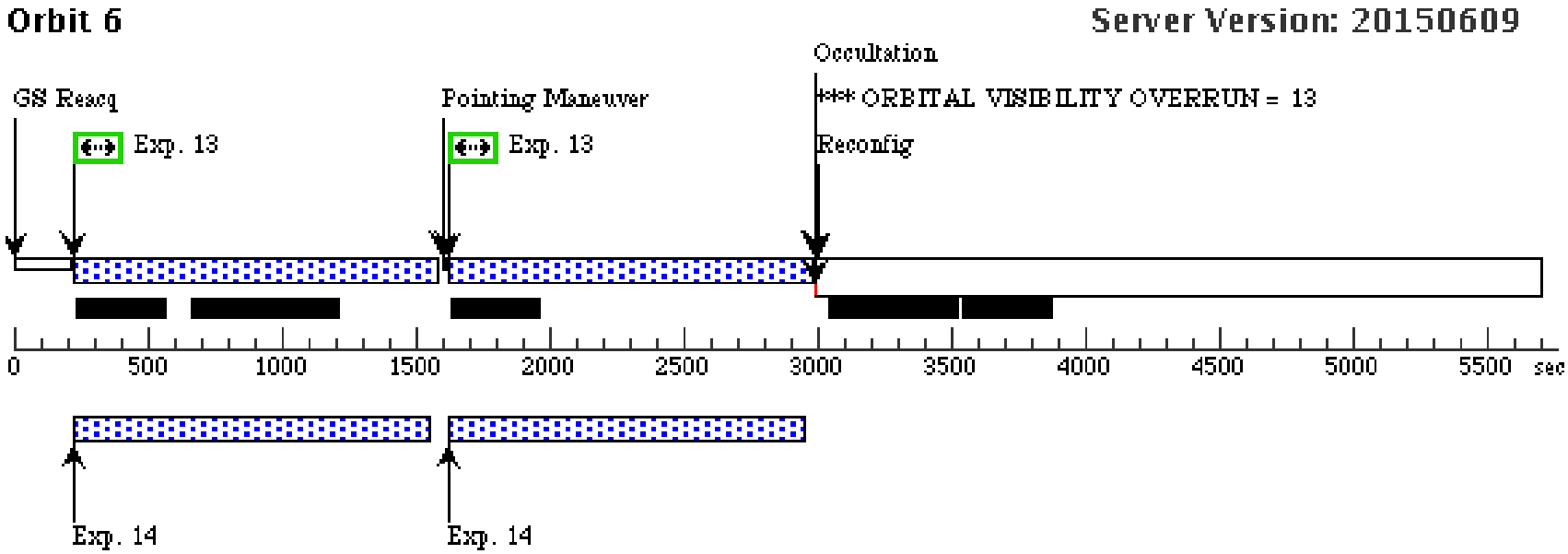
secs.
Exp. 12
Exp. 12


Orbit 6
Server Version: 20150609
Occultation
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Pointing Maneuver
Exp. 13
Reconfig
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1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 14

Visit

Proposal 13691, NGC 1448-2 (27), completed Fri Aug 28 01:09:01 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 133D TO 137 D; AFTER 26 BY 1 D TO 10 D

Diagnostics

(NGC 1448-2 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(NGC 1448-2 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(NGC 1448-2 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(NGC 1448-2 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(NGC 1448-2 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	NGC-1448	RA: 03 44 26.5880 (56.1107833d) Dec: -44 36 14.22 (-44.60395d) Equinox: J2000		V=10.94	Reference Frame: NED

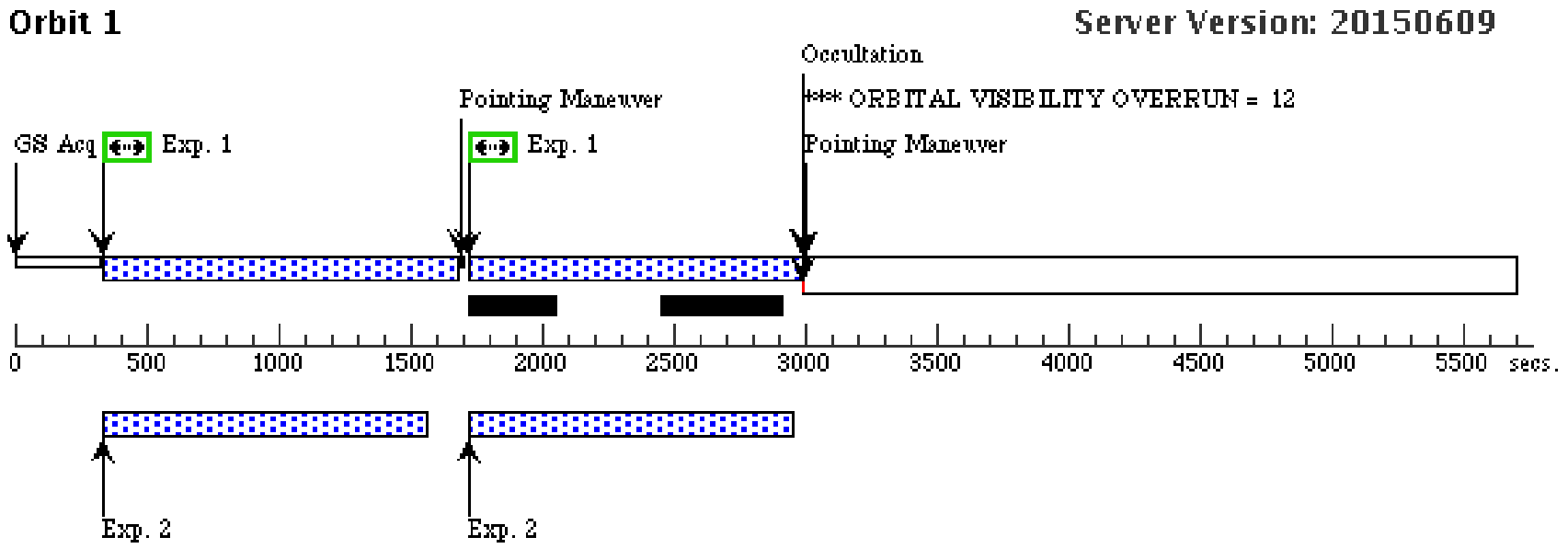
Comments: This object was generated by the targetselector and retrieved from the NED database.

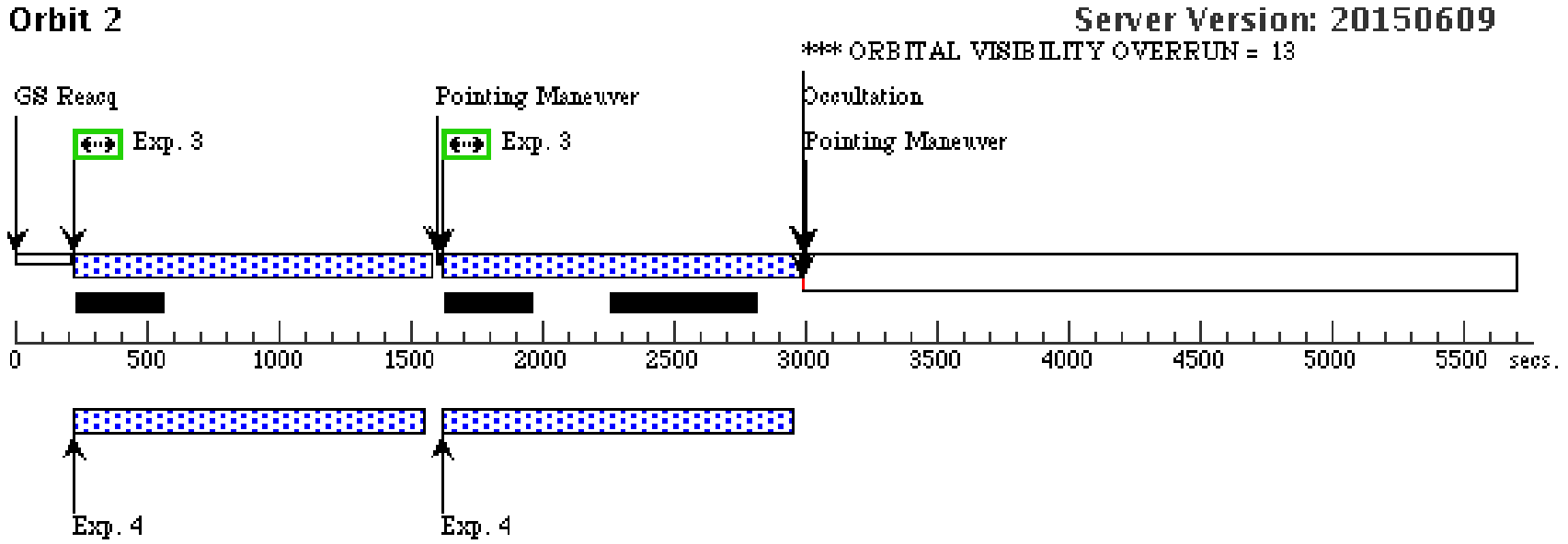
Exposures

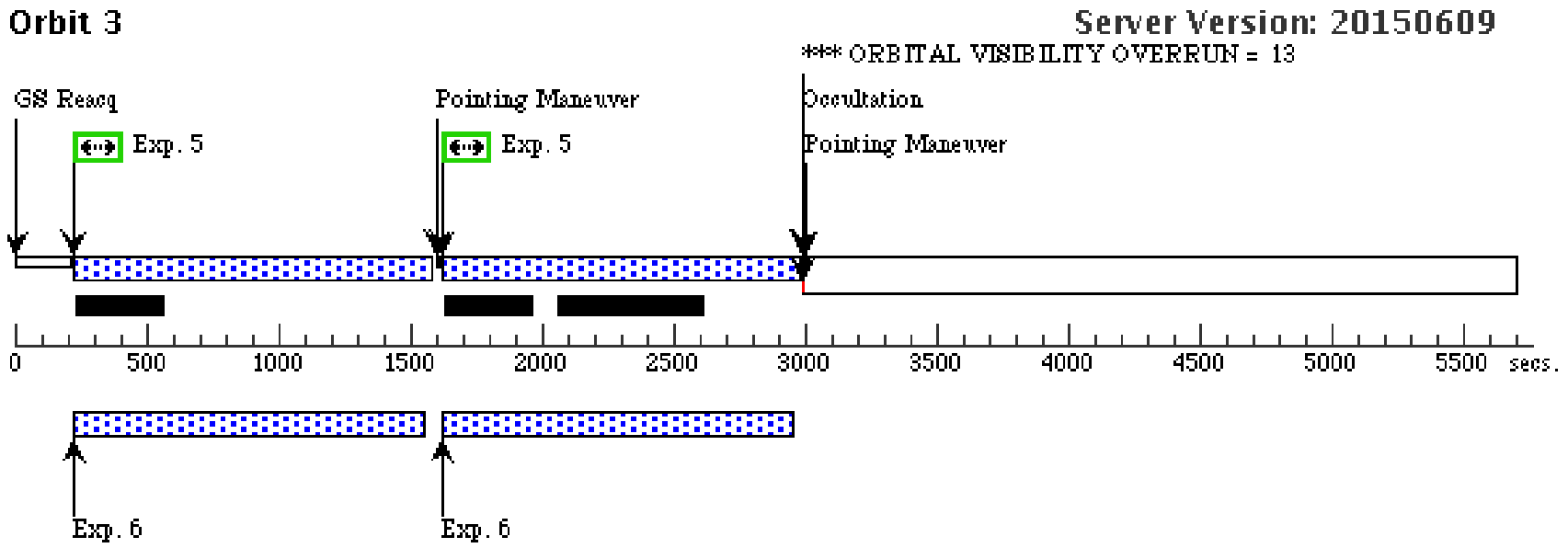
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(7) NGC-1448	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-2 in NGC 1448-2 (27) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1448-2 (27)	1100 Secs (2288 Secs) *[==>1144.0 Secs (Pattern 1)]* *[==>1144.0 Secs (Pattern 2)]*	***[1]***
2		(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS100; NSAMP=13		Pattern 4, Exps 1-2 in NGC 1448-2 (27) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1448-2 (27)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3		(7) NGC-1448	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 3-4 in NGC 1448-2 (27) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1448-2 (27)	1100 Secs (2482 Secs) *[==>1241.0 Secs (Pattern 1)]* *[==>1241.0 Secs (Pattern 2)]*	***[2]***
4		(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 3-4 in NGC 1448-2 (27) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1448-2 (27)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
5		(7) NGC-1448	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 5-6 in NGC 1448-2 (27) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1448-2 (27)	1100 Secs (2482 Secs) *[==>1241.0 Secs (Pattern 1)]* *[==>1241.0 Secs (Pattern 2)]*	***[3]***
6		(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 5-6 in NGC 1448-2 (27) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1448-2 (27)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
7		(7) NGC-1448	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 7-8 in NGC 1448-2 (27) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1448-2 (27)	1100 Secs (2482 Secs) *[==>1241.0 Secs (Pattern 1)]* *[==>1241.0 Secs (Pattern 2)]*	***[4]***
8		(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS100; NSAMP=14		Pattern 4, Exps 7-8 in NGC 1448-2 (27) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1448-2 (27)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

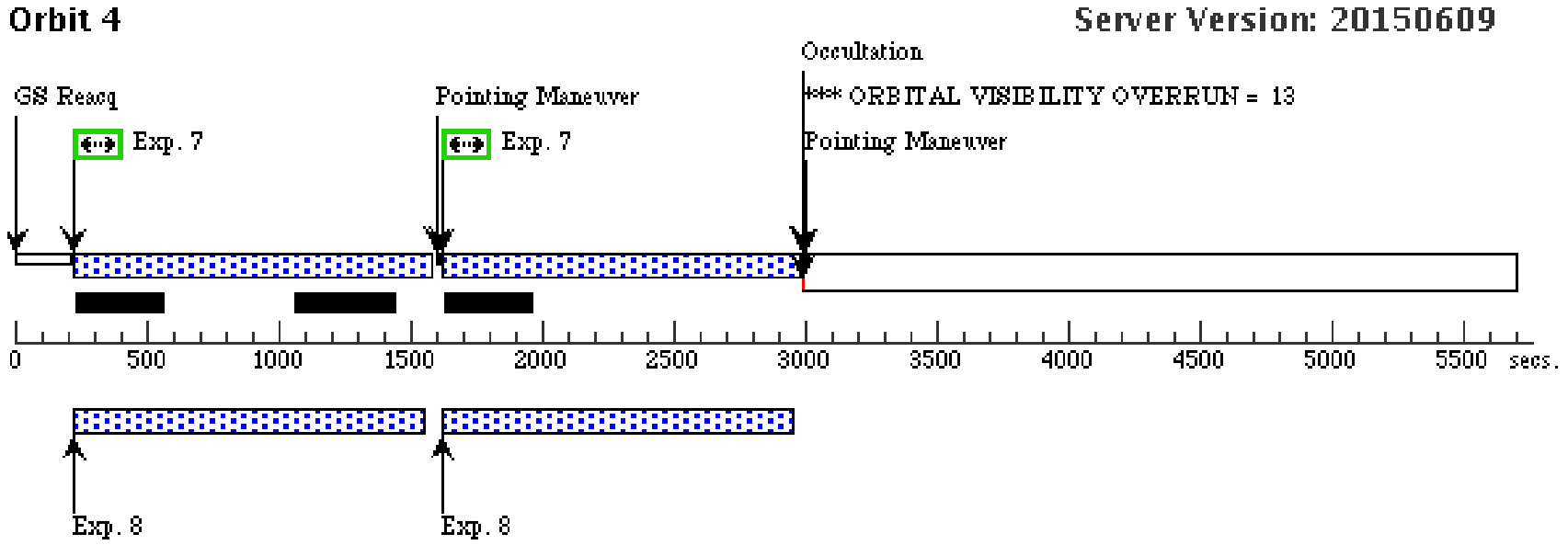
	9	(7) NGC-1448	ACS/WFC, ACCUM, WFC	F814W		Pattern 4, Exps 9-10 in NGC 1448-2 (27) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1448-2 (27)	1100 Secs (2482 Secs) *[==>1241.0 Secs (Pattern 1)]* *[==>1241.0 Secs (Pattern 2)]*	***[5]***
	10	(7) NGC-1448	WFC3/IR, MULTIACCUM, IR	F160W	SAMP-SEQ=SPARS100; NSAMP=14	Pattern 4, Exps 9-10 in NGC 1448-2 (27) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1448-2 (27)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***

Orbit Structure






Orbit 3
Server Version: 20150609
*** ORBITAL VISIBILITY OVERRUN = 13
GS Reacq
Exp. 5
Pointing Maneuver
Exp. 5
Occultation
Pointing Maneuver
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 6
Exp. 6


Orbit 4
Server Version: 20150609
Occultation
*** ORBITAL VISIBILITY OVERRUN = 13
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Exp. 7
Pointing Maneuver
Exp. 7
Pointing Maneuver
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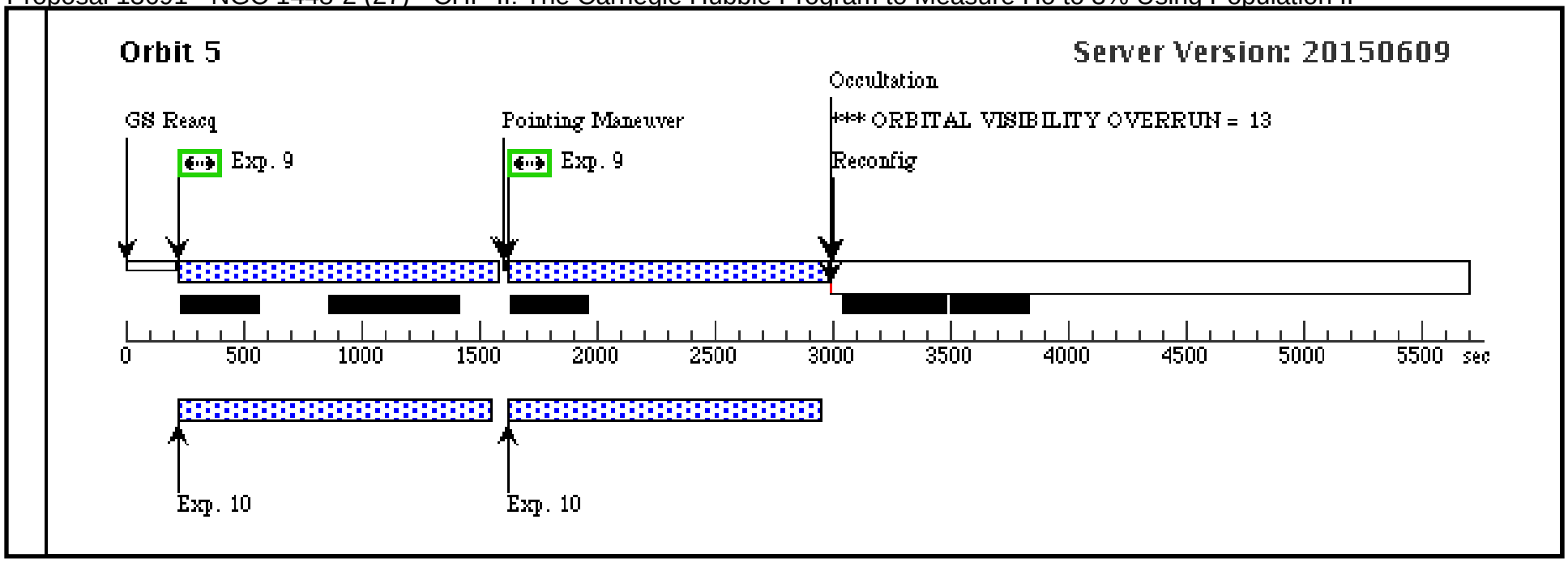
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 8
Exp. 8


Orbit 5
Server Version: 20150609
Occultation
GS Reacq
Pointing Maneuver
*** ORBITAL VISIBILITY OVERRUN = 13
Exp. 9
Exp. 9
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 10
Exp. 10

Visit

Proposal 13691, NGC 1365-1 (28), completed Fri Aug 28 01:09:02 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 310D TO 314 D

Diagnostics

(NGC 1365-1 (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-1 (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-1 (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-1 (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-1 (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-1 (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10), (11-12)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	NGC-1365	RA: 03 33 51.4280 (53.4642833d) Dec: -36 12 5.00 (-36.20139d) Equinox: J2000		V=9.82	Reference Frame: NED

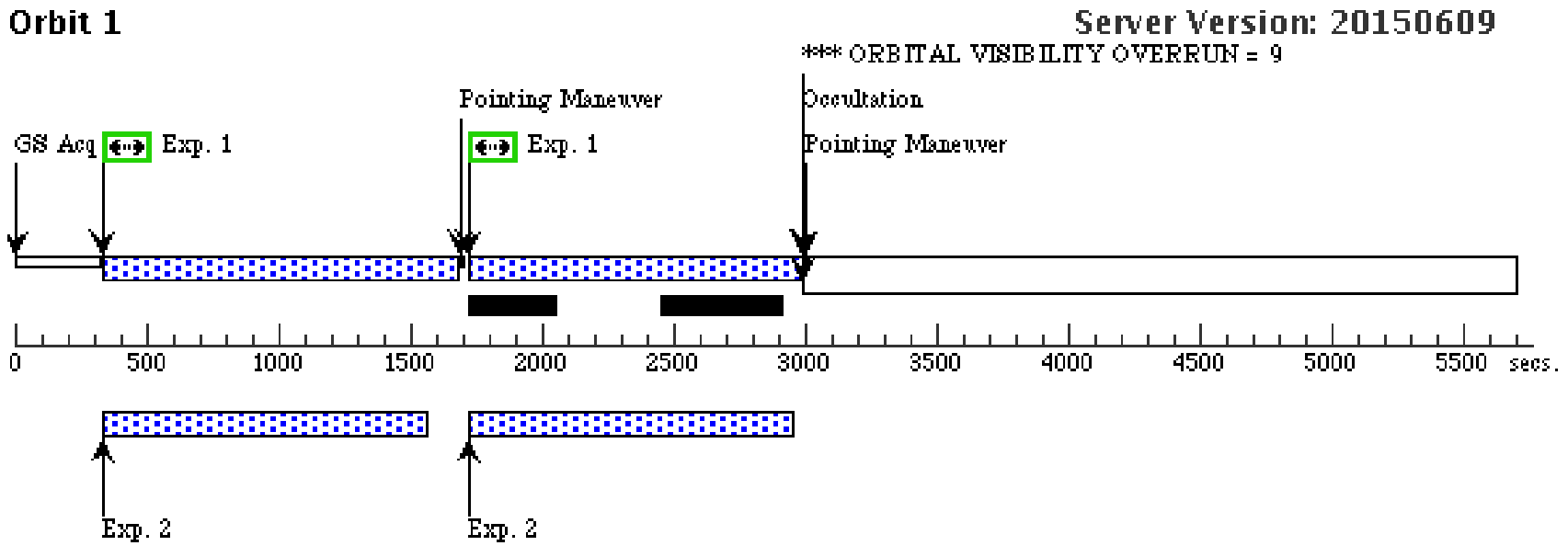
Comments: This object was generated by the targetselector and retrieved from the NED database.

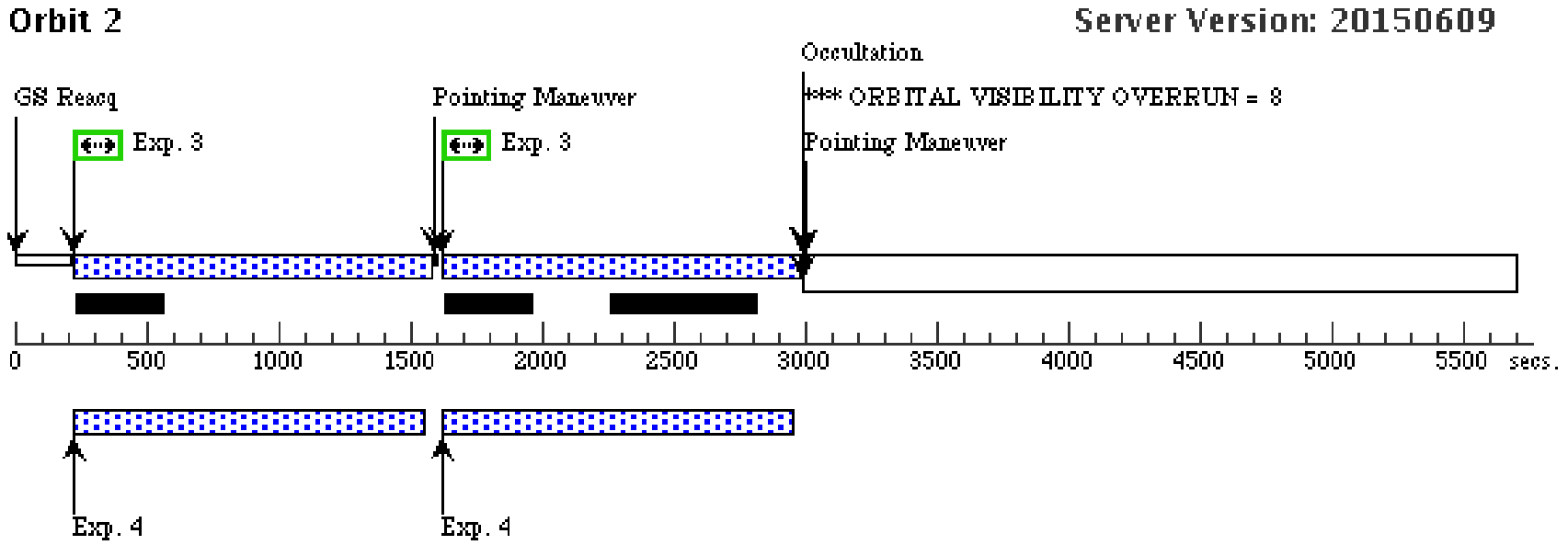
Exposures

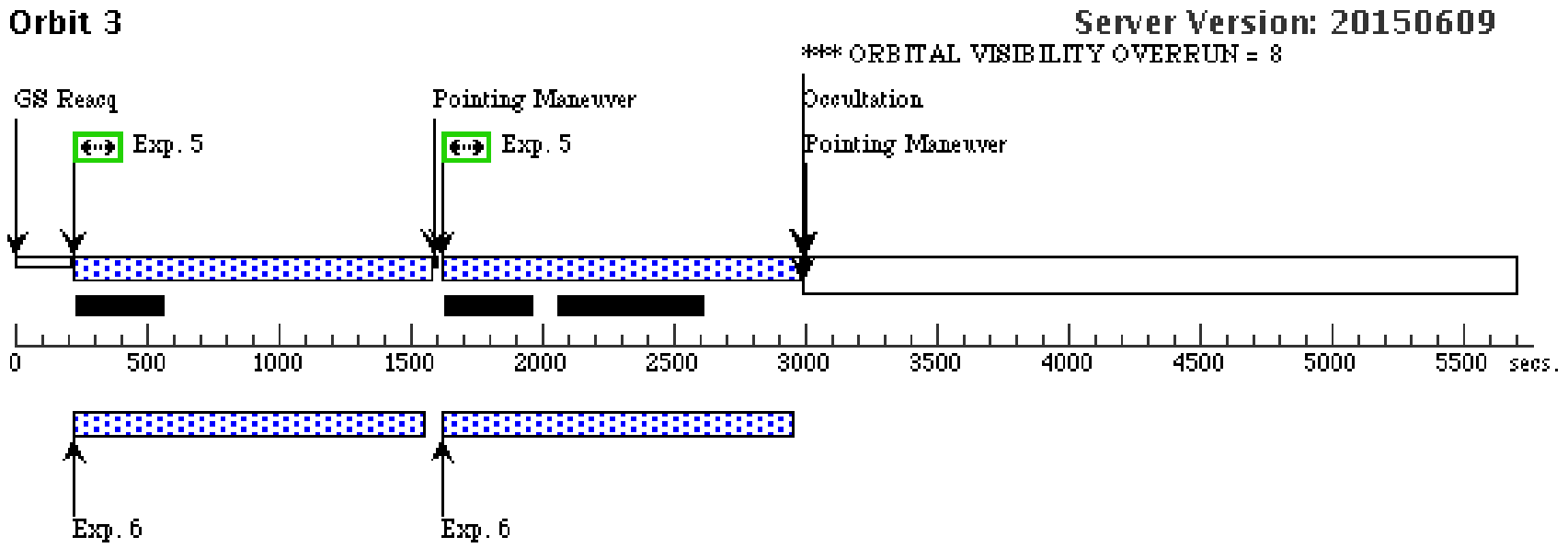
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F606W			Pattern 4, Exps 1-2 in NGC 1365-1 (28) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1365-1 (28)	1100 Secs (2286 Secs) *[==>1143.0 Secs (Pattern 1)]* *[==>1143.0 Secs (Pattern 2)]*	***[1]***
2		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 1-2 in NGC 1365-1 (28) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1365-1 (28)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F606W			Pattern 4, Exps 3-4 in NGC 1365-1 (28) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1365-1 (28)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[2]***
4		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 3-4 in NGC 1365-1 (28) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1365-1 (28)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
5		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F606W			Pattern 4, Exps 5-6 in NGC 1365-1 (28) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1365-1 (28)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[3]***
6		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 5-6 in NGC 1365-1 (28) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1365-1 (28)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
7		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F606W			Pattern 4, Exps 7-8 in NGC 1365-1 (28) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1365-1 (28)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[4]***
8		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 7-8 in NGC 1365-1 (28) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1365-1 (28)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

	9	(12) NGC-1365	ACS/WFC, ACCUM, WFC	F606W		Pattern 4, Exps 9-10 in NGC 1365-1 (28) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1365-1 (28)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[5]***
	10	(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS100	Pattern 4, Exps 9-10 in NGC 1365-1 (28) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1365-1 (28)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
	11	(12) NGC-1365	ACS/WFC, ACCUM, WFC	F606W		Pattern 4, Exps 11-12 in NGC 1365-1 (28) (4) Prime + Parallel Group 11-12 in Pattern 4, Exps 11-12 in NGC 1365-1 (28)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[6]***
	12	(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS100	Pattern 4, Exps 11-12 in NGC 1365-1 (28) (4) Prime + Parallel Group 11-12 in Pattern 4, Exps 11-12 in NGC 1365-1 (28)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***

Orbit Structure



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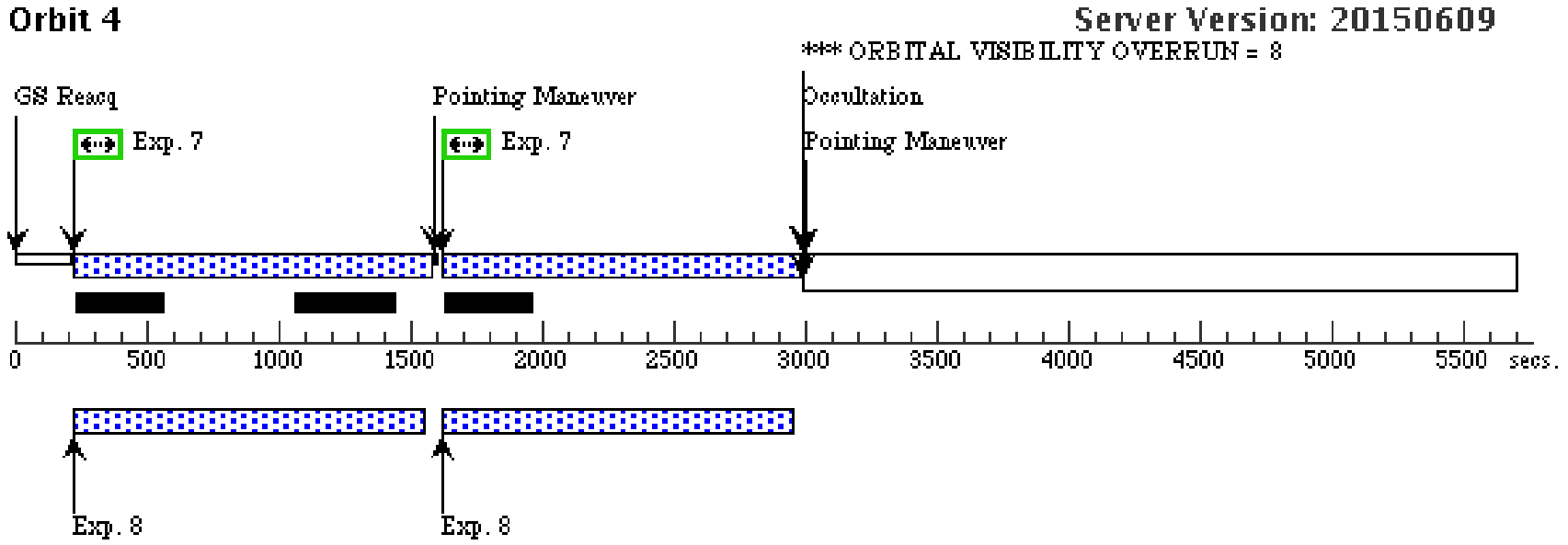
Server Version: 20150609
*** ORBITAL VISIBILITY OVERRUN = 8
GS Reacq
Exp. 5
Pointing Maneuver
Exp. 5
Occultation
Pointing Maneuver
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 6
Exp. 6


Orbit 4
Server Version: 20150609
*** ORBITAL VISIBILITY OVERRUN = 8
GS Reacq
Exp. 7
Pointing Maneuver
Exp. 7
Occultation
Pointing Maneuver
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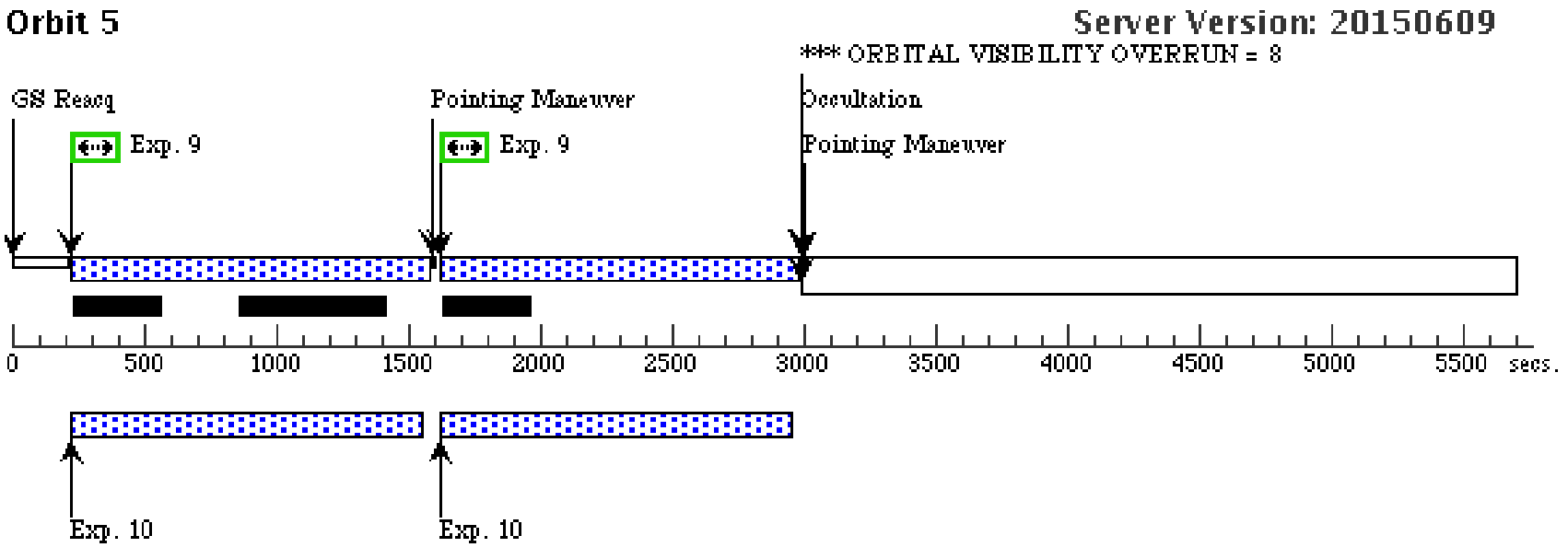
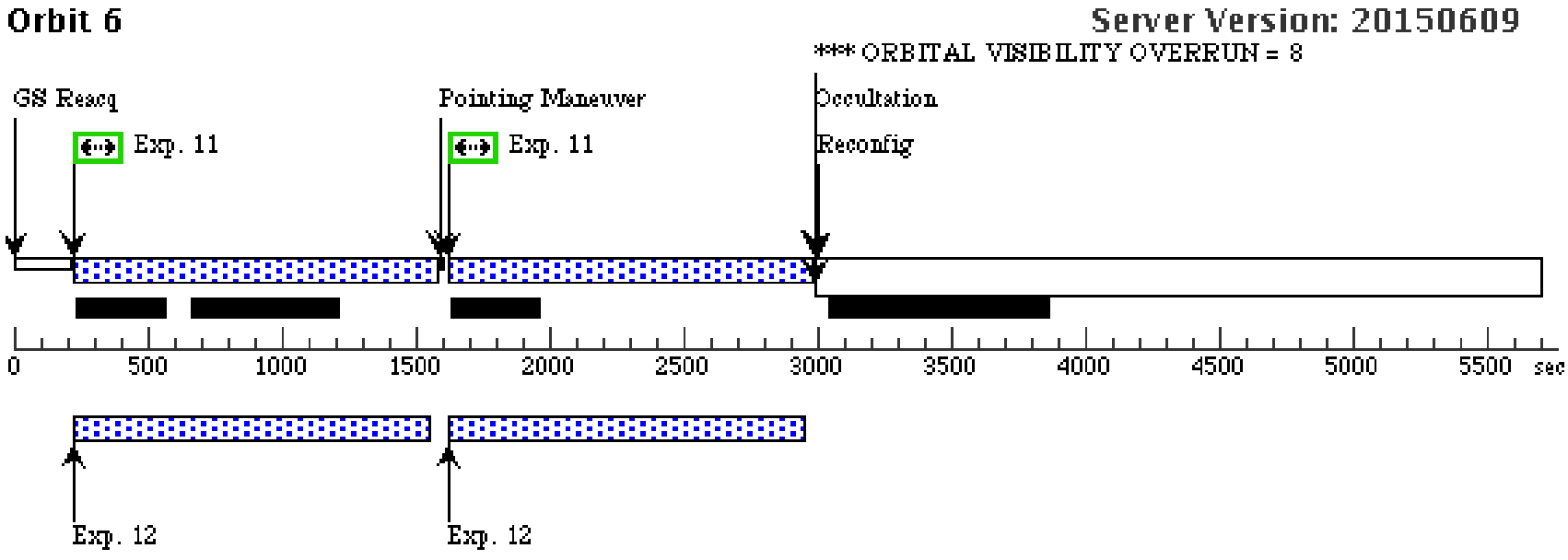
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 8
Exp. 8


Orbit 5
Server Version: 20150609
*** ORBITAL VISIBILITY OVERRUN = 8
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 9
Occultation
Pointing Maneuver
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 10


Orbit 6
Server Version: 20150609
*** ORBITAL VISIBILITY OVERRUN = 8
GS Reacq
Exp. 11
Pointing Maneuver
Exp. 11
Occultation
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 12
Exp. 12

Visit

Proposal 13691, NGC 1365-2 (29), completed Fri Aug 28 01:09:02 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 310D TO 314 D; AFTER 28 BY 1 D TO 10 D

Diagnostics

(NGC 1365-2 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-2 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-2 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-2 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-2 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	NGC-1365	RA: 03 33 51.4280 (53.4642833d) Dec: -36 12 5.00 (-36.20139d) Equinox: J2000		V=9.82	Reference Frame: NED

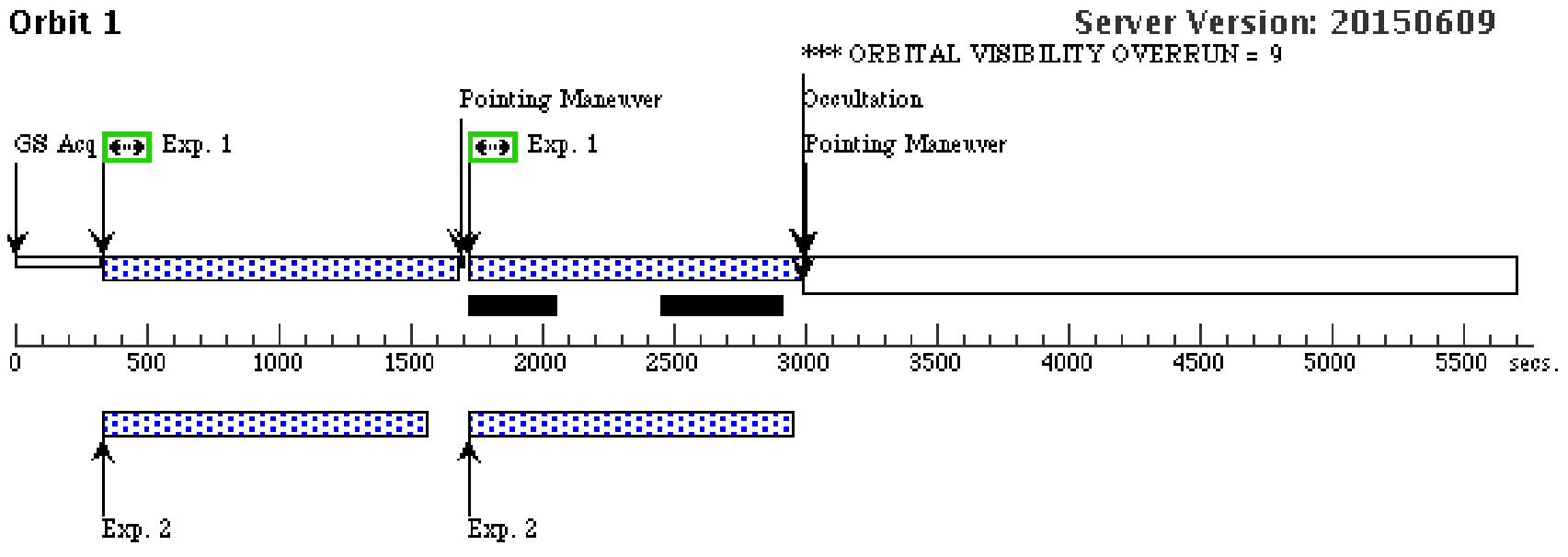
Comments: This object was generated by the targetselector and retrieved from the NED database.

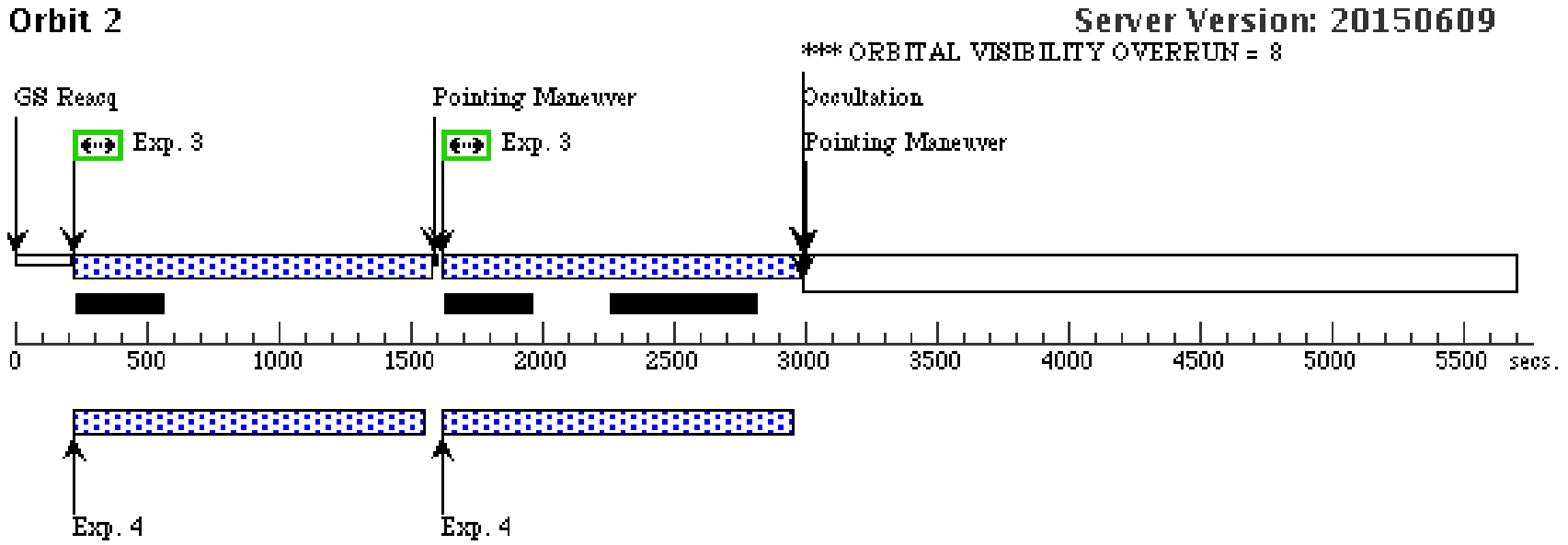
Exposures

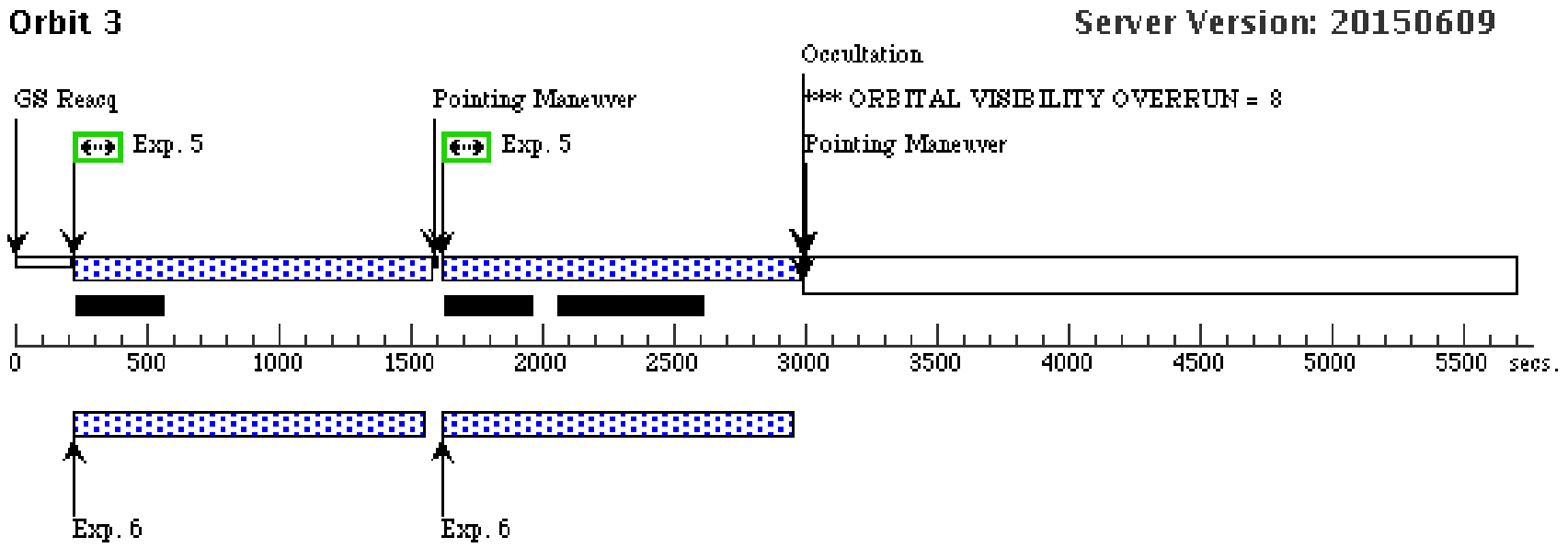
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-2 in NGC 1365-2 (29) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1365-2 (29)	1100 Secs (2286 Secs) *[==>1143.0 Secs (Pattern 1)]* *[==>1143.0 Secs (Pattern 2)]*	***[1]***
2		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 1-2 in NGC 1365-2 (29) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1365-2 (29)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 3-4 in NGC 1365-2 (29) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1365-2 (29)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[2]***
4		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 3-4 in NGC 1365-2 (29) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1365-2 (29)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
5		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 5-6 in NGC 1365-2 (29) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1365-2 (29)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[3]***
6		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 5-6 in NGC 1365-2 (29) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1365-2 (29)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
7		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 7-8 in NGC 1365-2 (29) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1365-2 (29)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[4]***
8		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 7-8 in NGC 1365-2 (29) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1365-2 (29)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

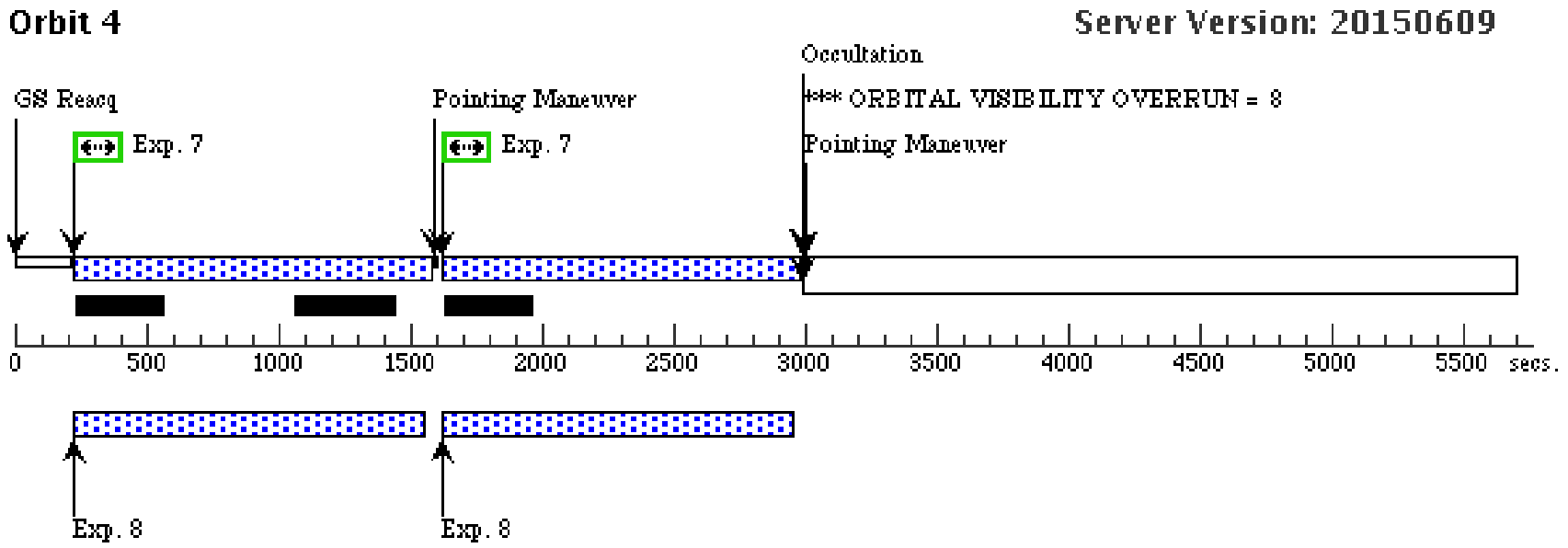
	9	(12) NGC-1365	ACS/WFC, ACCUM, WFC	F814W		Pattern 4, Exps 9-10 in NGC 1365-2 (29) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1365-2 (29)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[5]***
	10	(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100	Pattern 4, Exps 9-10 in NGC 1365-2 (29) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1365-2 (29)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***

Orbit Structure






Orbit 3
Server Version: 20150609
Occultation
GS Reacq
Pointing Maneuver
*** ORBITAL VISIBILITY OVERRUN = 8
Exp. 5
Exp. 5
Pointing Maneuver
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 6
Exp. 6


Orbit 4
Server Version: 20150609
Occultation
GS Reacq
Pointing Maneuver
*** ORBITAL VISIBILITY OVERRUN = 8
Exp. 7
Exp. 7
Pointing Maneuver
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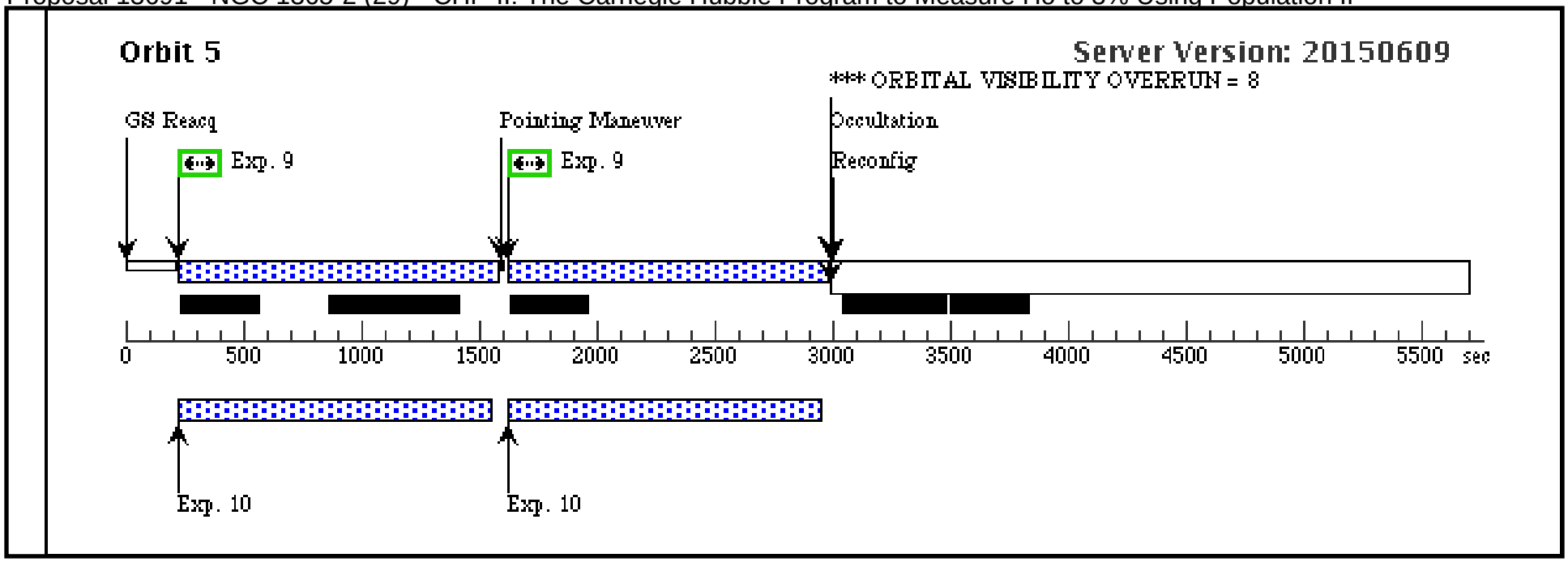
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 8
Exp. 8


Orbit 5
Server Version: 20150609
*** ORBITAL VISIBILITY OVERRUN = 8
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 9
Occultation
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 10
Exp. 10

Visit

Proposal 13691, NGC 1365-3 (30), completed Fri Aug 28 01:09:02 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 310D TO 314 D; AFTER 28 BY 1 D TO 10 D

Diagnostics

(NGC 1365-3 (30)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-3 (30)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-3 (30)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-3 (30)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1365-3 (30)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(12)	NGC-1365	RA: 03 33 51.4280 (53.4642833d) Dec: -36 12 5.00 (-36.20139d) Equinox: J2000		V=9.82	Reference Frame: NED

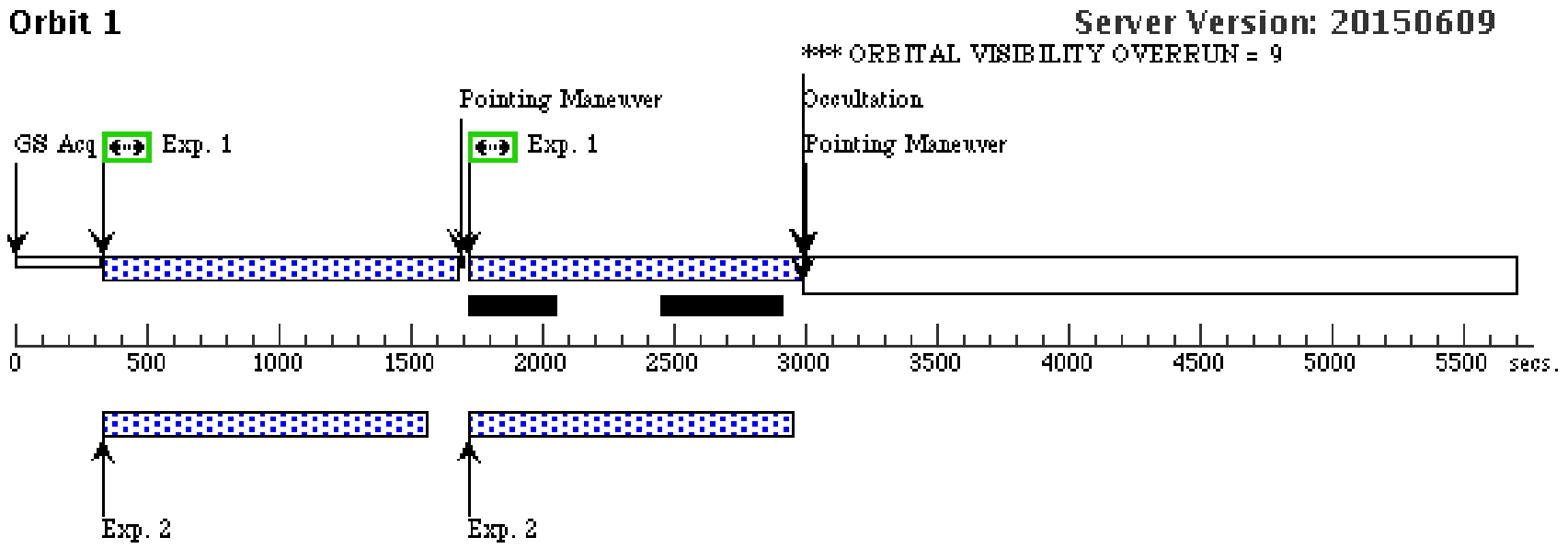
Comments: This object was generated by the targetselector and retrieved from the NED database.

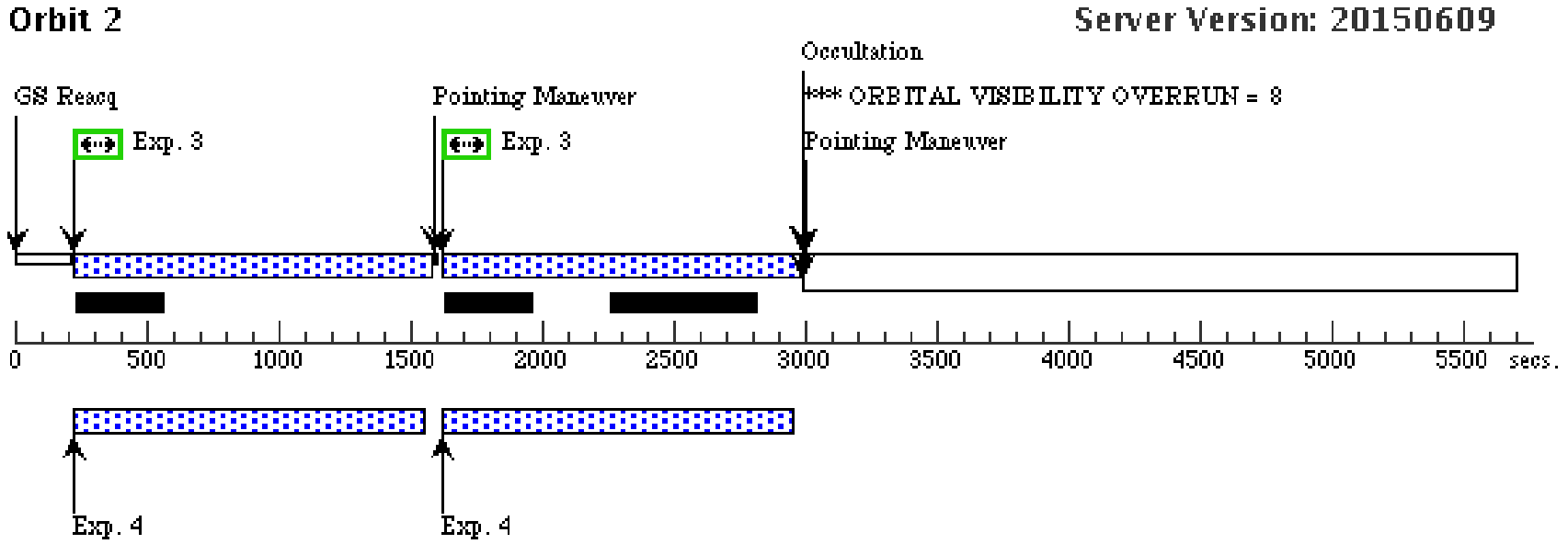
Exposures

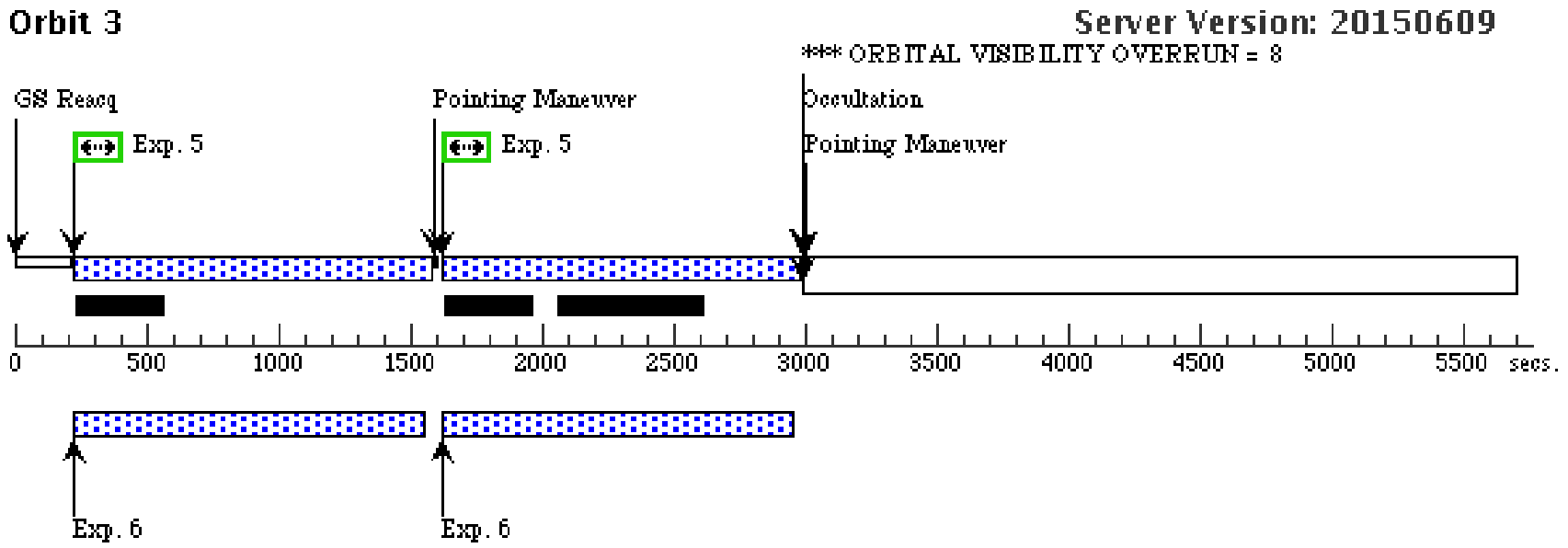
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-2 in NGC 1365-3 (30) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1365-3 (30)	1100 Secs (2286 Secs) *[==>1143.0 Secs (Pattern 1)]* *[==>1143.0 Secs (Pattern 2)]*	***[1]***
2		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 1-2 in NGC 1365-3 (30) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1365-3 (30)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 3-4 in NGC 1365-3 (30) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1365-3 (30)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[2]***
4		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 3-4 in NGC 1365-3 (30) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1365-3 (30)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
5		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 5-6 in NGC 1365-3 (30) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1365-3 (30)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[3]***
6		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 5-6 in NGC 1365-3 (30) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1365-3 (30)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
7		(12) NGC-1365	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 7-8 in NGC 1365-3 (30) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1365-3 (30)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[4]***
8		(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 7-8 in NGC 1365-3 (30) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1365-3 (30)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

	9	(12) NGC-1365	ACS/WFC, ACCUM, WFC	F814W		Pattern 4, Exps 9-10 in NGC 1365-3 (30) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1365-3 (30)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[5]***
	10	(12) NGC-1365	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100	Pattern 4, Exps 9-10 in NGC 1365-3 (30) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1365-3 (30)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***

Orbit Structure



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Occultation
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5000
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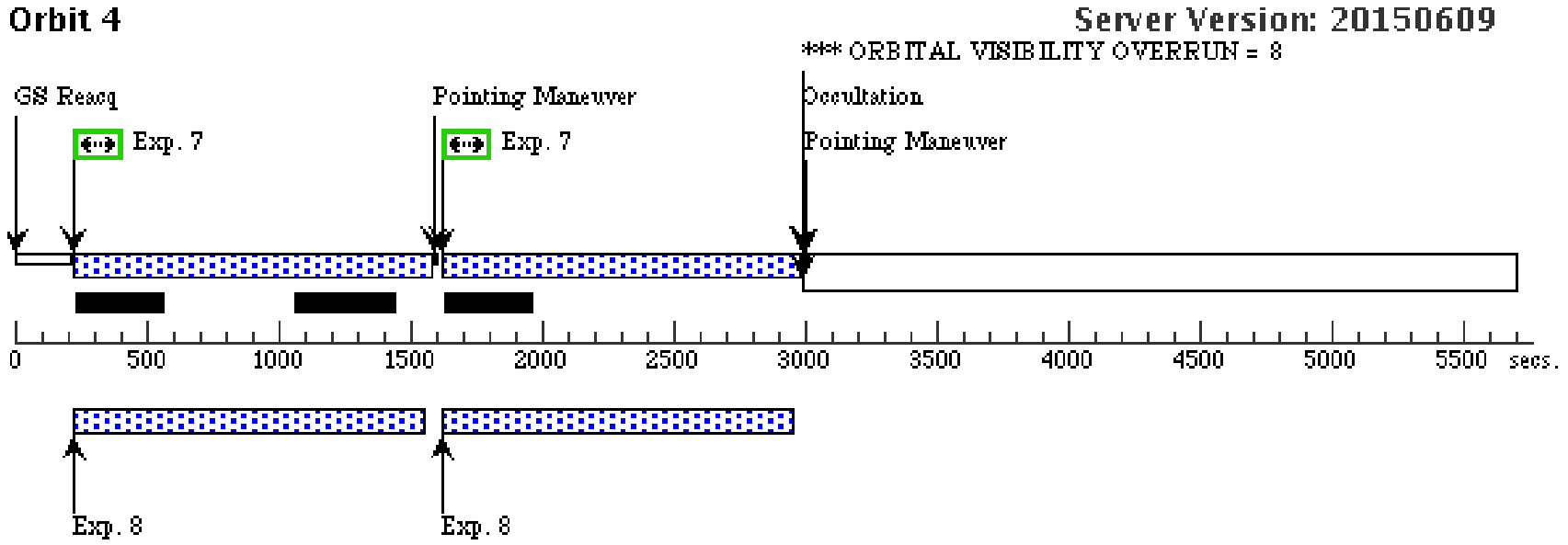
secs.
Exp. 6
Exp. 6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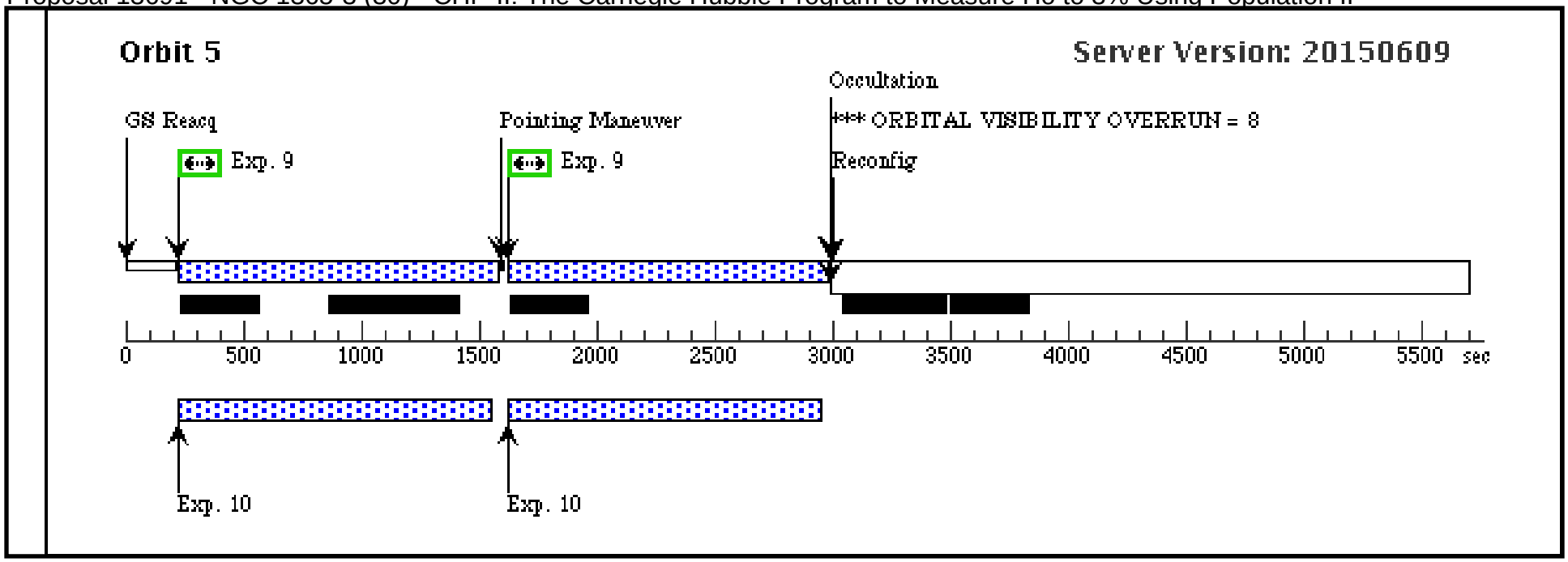
5500
secs.
Exp. 8
Exp. 8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1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 10
Exp. 10

Proposal 13691 - NGC 1316-1 (37) - CHP-II: The Carnegie Hubble Program to Measure Ho to 3% Using Population II

Visit

Proposal 13691, NGC 1316-1 (37), completed Fri Aug 28 01:09:02 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 228D TO 232 D

Diagnostics

(NGC 1316-1 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1316-1 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1316-1 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1316-1 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1316-1 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1316-1 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10), (11-12)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-1316	RA: 03 23 12.5220 (50.8021750d) Dec: -37 19 21.61 (-37.32267d) Equinox: J2000		V=10.05	Reference Frame: NED

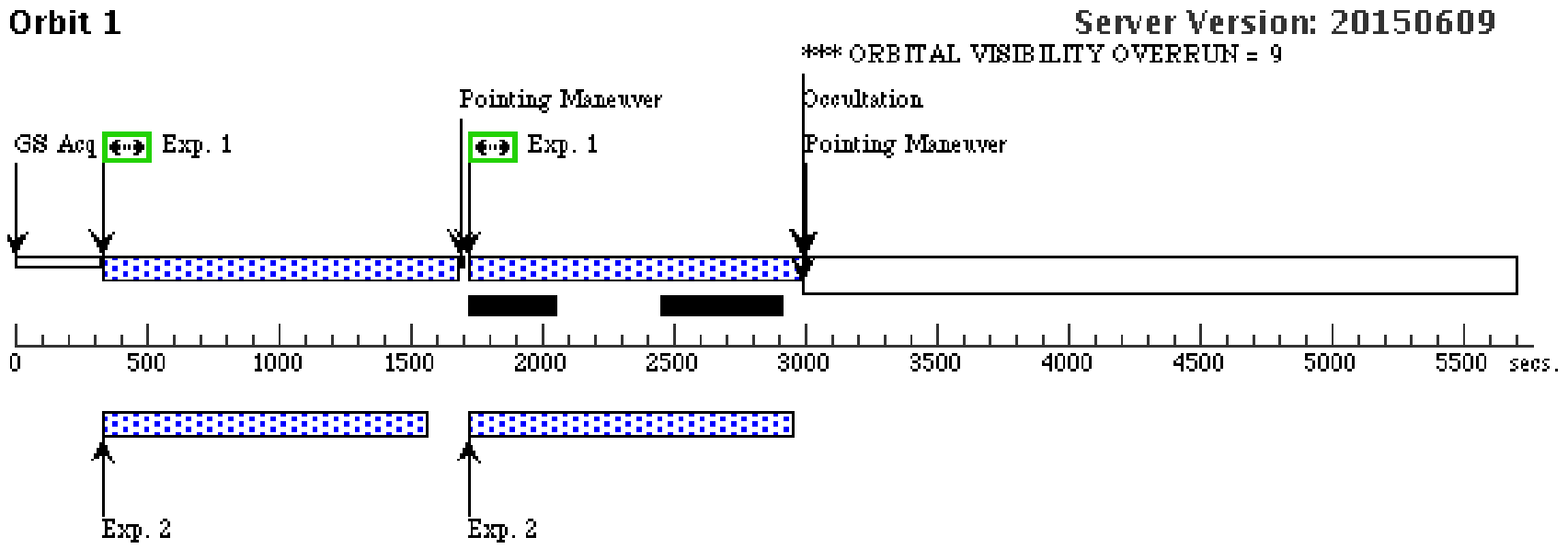
Comments: This object was generated by the targetselector and retrieved from the NED database.

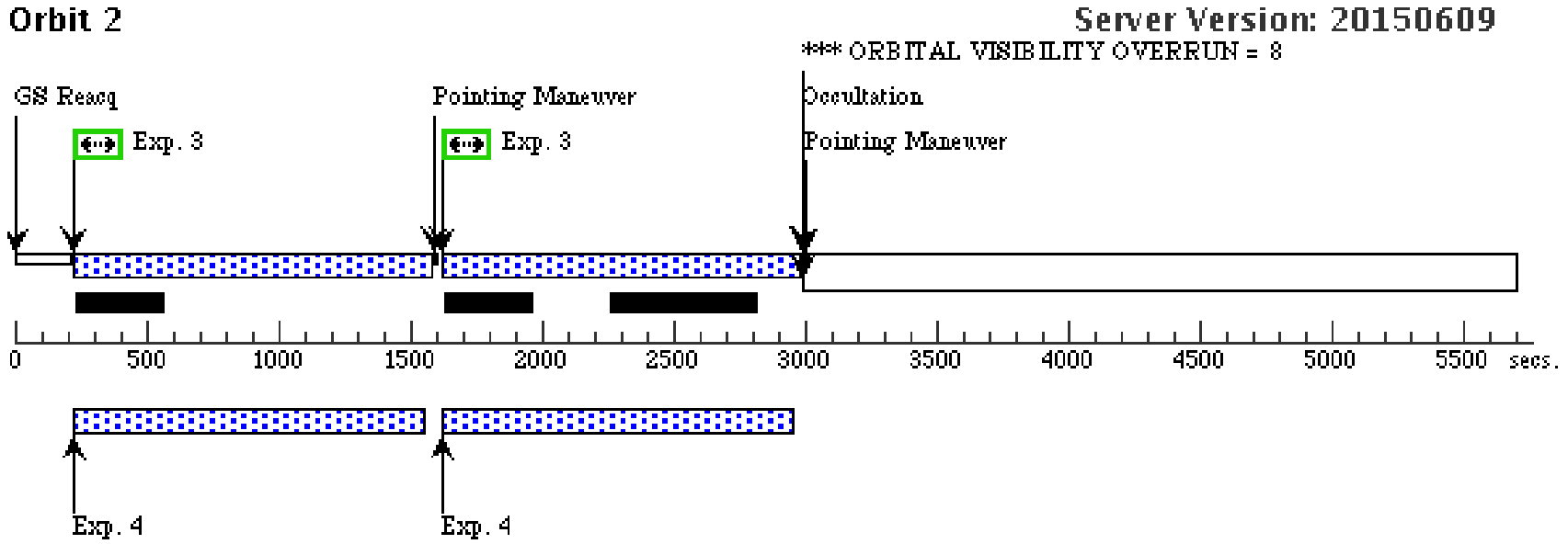
Exposures

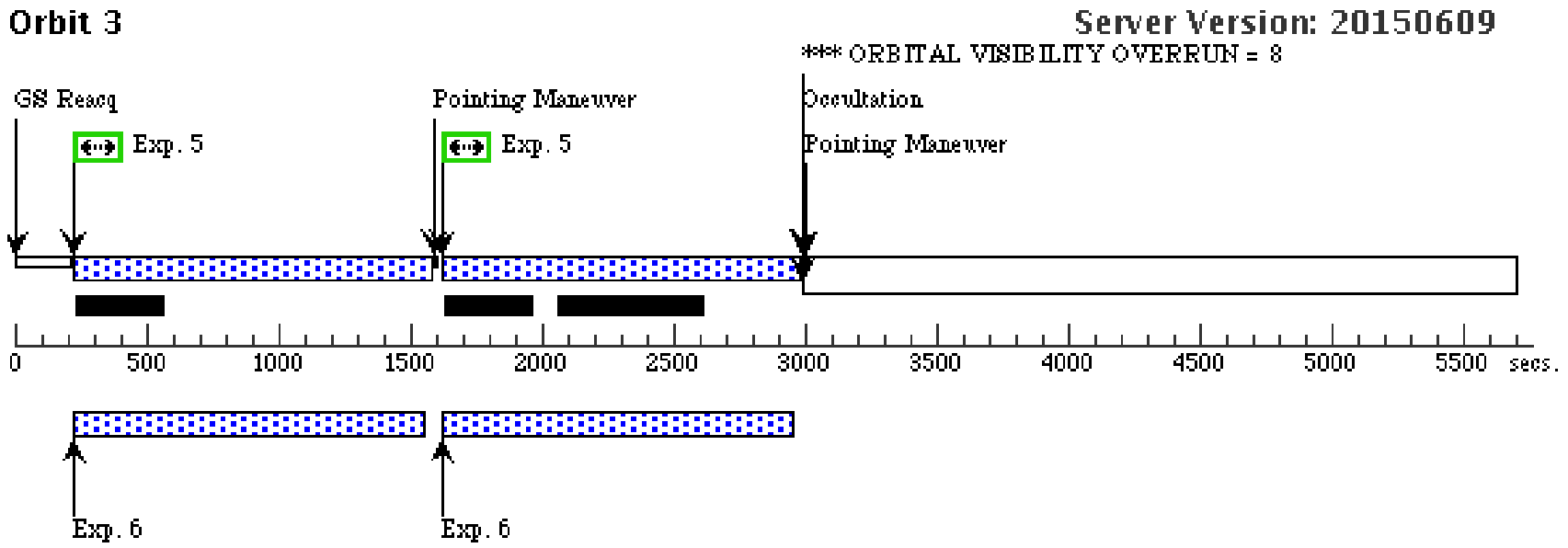
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F606W			Pattern 4, Exps 1-2 in NGC 1316-1 (37) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1316 -1 (37)	1100 Secs (2286 Secs) *[==>1143.0 Secs (Pattern 1)]* *[==>1143.0 Secs (Pattern 2)]*	***[1]***
2		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 1-2 in NGC 1316-1 (37) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1316 -1 (37)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F606W		POS TARG 0.5,0.25	Pattern 4, Exps 3-4 in NGC 1316-1 (37) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1316 -1 (37)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[2]***
4		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 3-4 in NGC 1316-1 (37) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1316 -1 (37)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
5		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F606W			Pattern 4, Exps 5-6 in NGC 1316-1 (37) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1316 -1 (37)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[3]***
6		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 5-6 in NGC 1316-1 (37) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1316 -1 (37)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
7		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F606W		POS TARG 0.5,0.25	Pattern 4, Exps 7-8 in NGC 1316-1 (37) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1316 -1 (37)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[4]***
8		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 7-8 in NGC 1316-1 (37) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1316 -1 (37)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

	9	(4) NGC-1316	ACS/WFC, ACCUM, WFC	F606W			Pattern 4, Exps 9-10 in NGC 1316-1 (37) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1316-1 (37)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[5]***
	10	(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 9-10 in NGC 1316-1 (37) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1316-1 (37)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[5]***
	11	(4) NGC-1316	ACS/WFC, ACCUM, WFC	F606W		POS TARG 0.5,0.25	Pattern 4, Exps 11-12 in NGC 1316-1 (37) (4) Prime + Parallel Group 11-12 in Pattern 4, Exps 11-12 in NGC 1316-1 (37)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[6]***
	12	(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F110W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 11-12 in NGC 1316-1 (37) (4) Prime + Parallel Group 11-12 in Pattern 4, Exps 11-12 in NGC 1316-1 (37)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[6]***

Orbit Structure



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Pointing Maneuver
Exp. 5
Occultation
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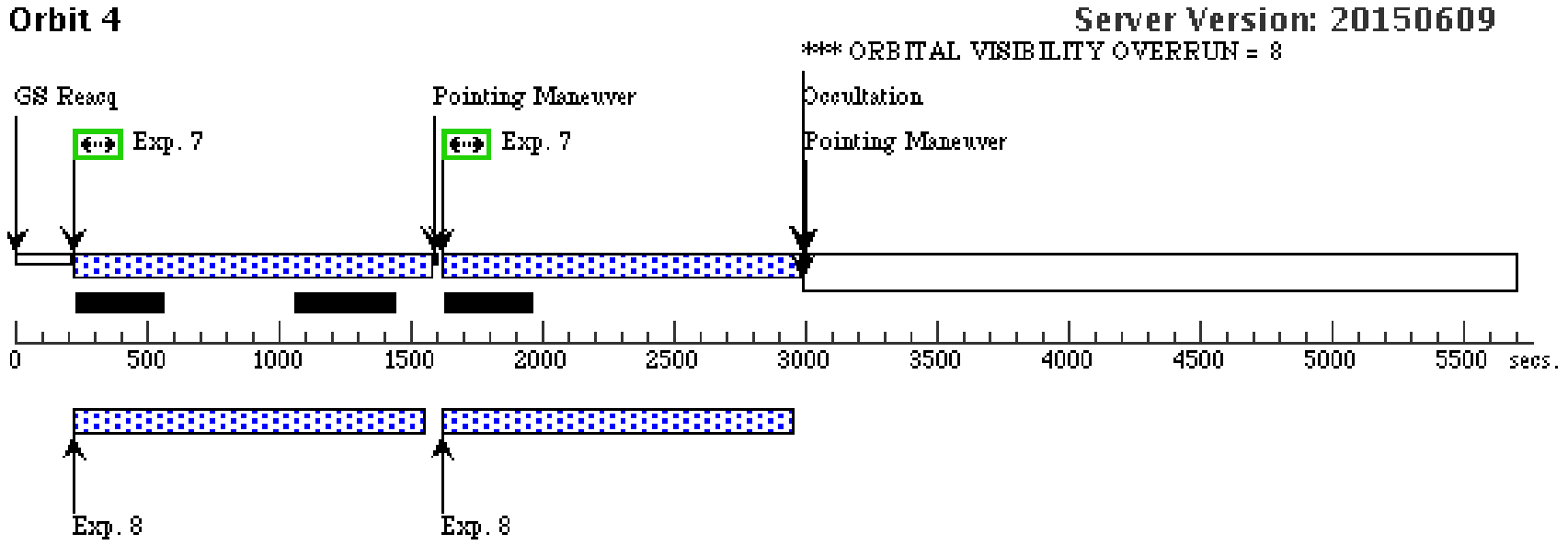
secs.
Exp. 6
Exp. 6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Exp. 7
Occultation
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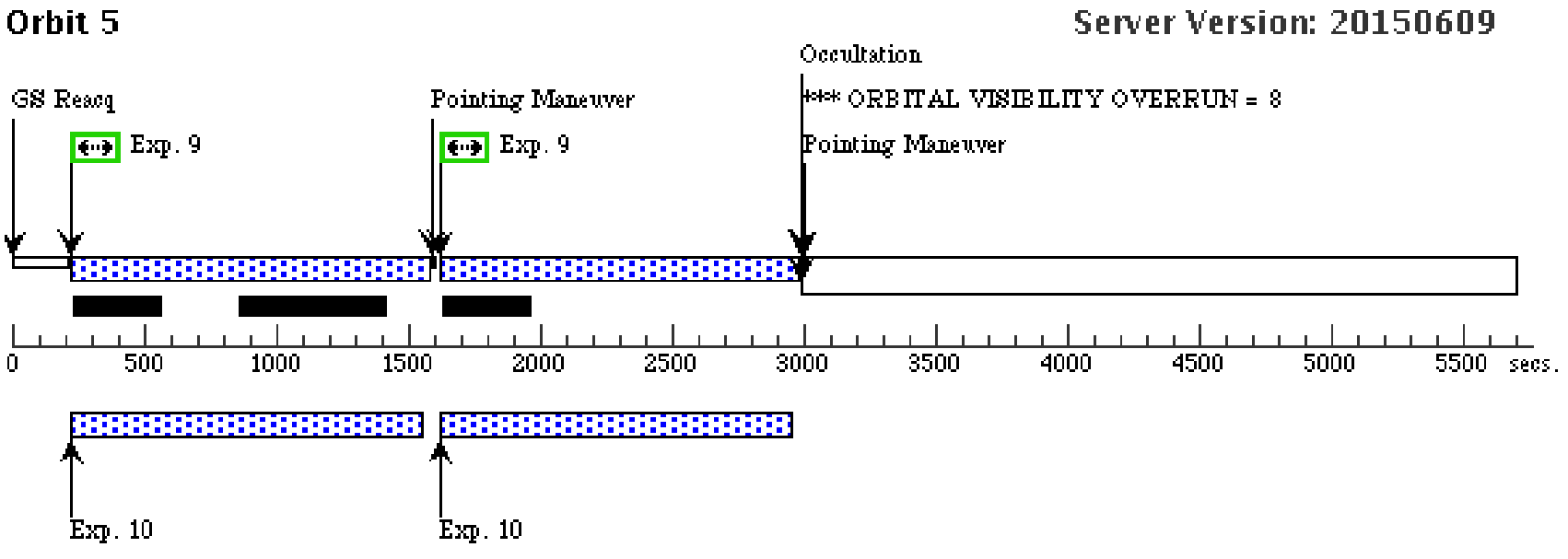
secs.
Exp. 8
Exp. 8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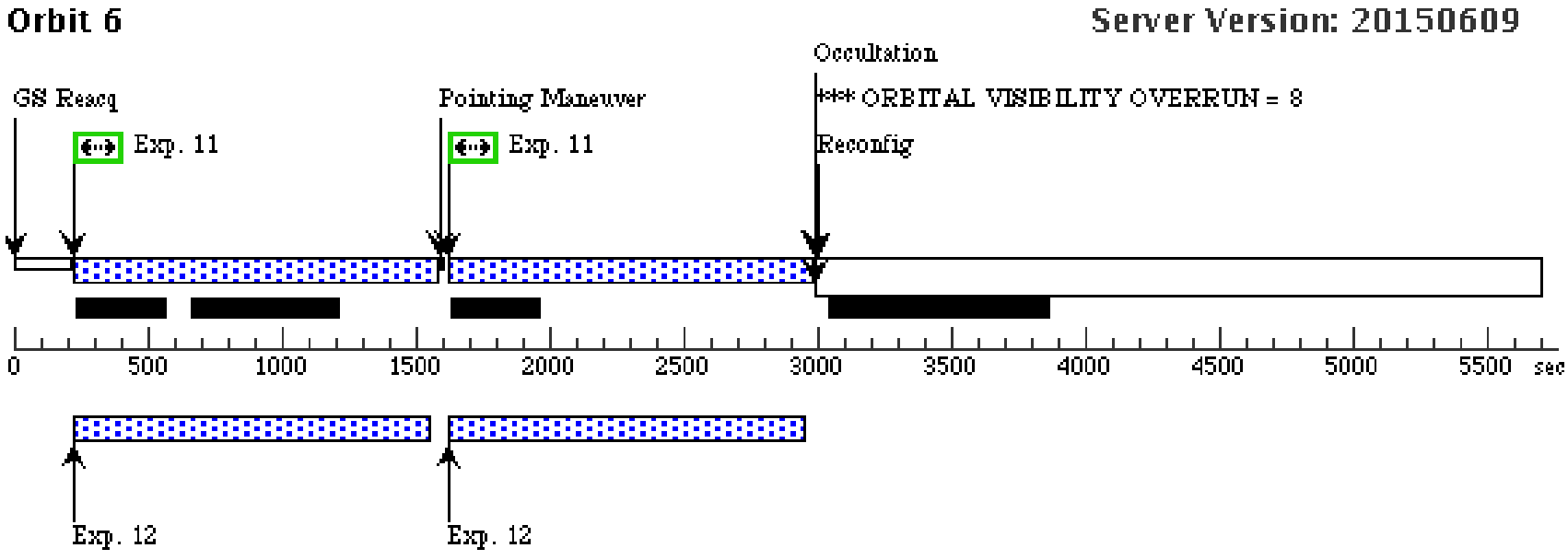
secs.
Exp. 10
Exp. 10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Server Version: 20150609
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Pointing Maneuver
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4500
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5500
sec
Exp. 12
Exp. 12

Visit

Proposal 13691, NGC 1316-2 (32), completed Fri Aug 28 01:09:02 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 228D TO 232 D; AFTER 37 BY 1 D TO 10 D

Diagnostics

(NGC 1316-2 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1316-2 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1316-2 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1316-2 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN
(NGC 1316-2 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-1316	RA: 03 23 12.5220 (50.8021750d) Dec: -37 19 21.61 (-37.32267d) Equinox: J2000		V=10.05	Reference Frame: NED

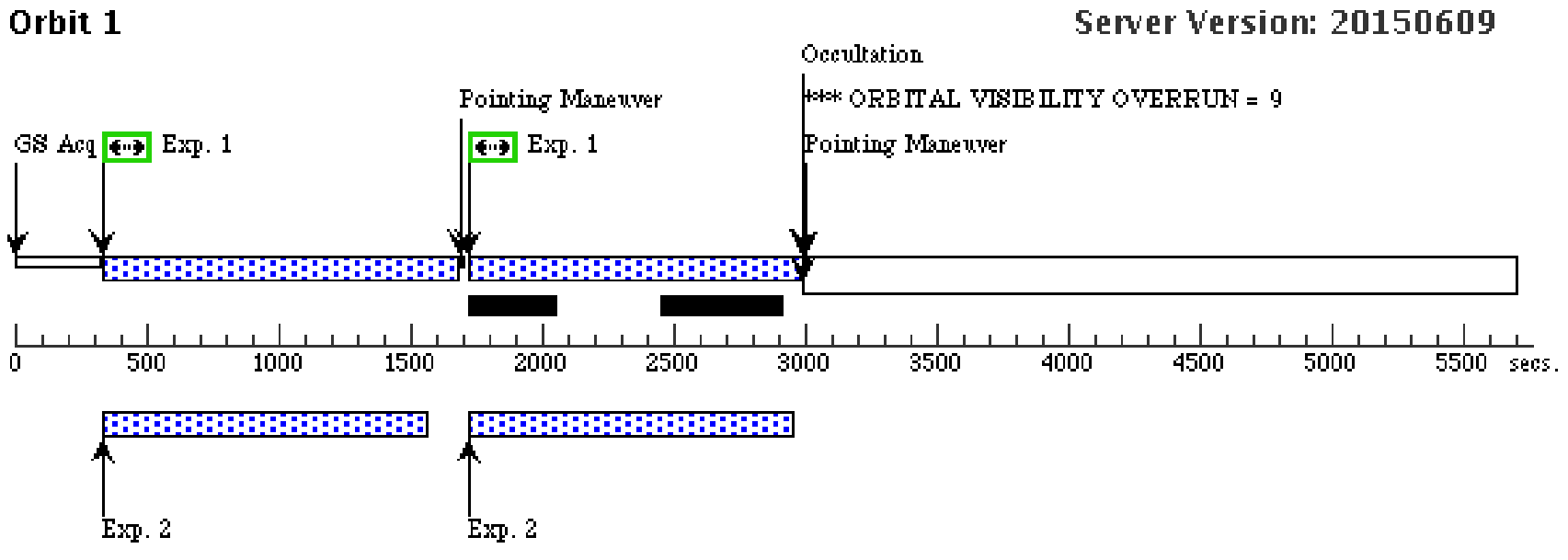
Comments: This object was generated by the targetselector and retrieved from the NED database.

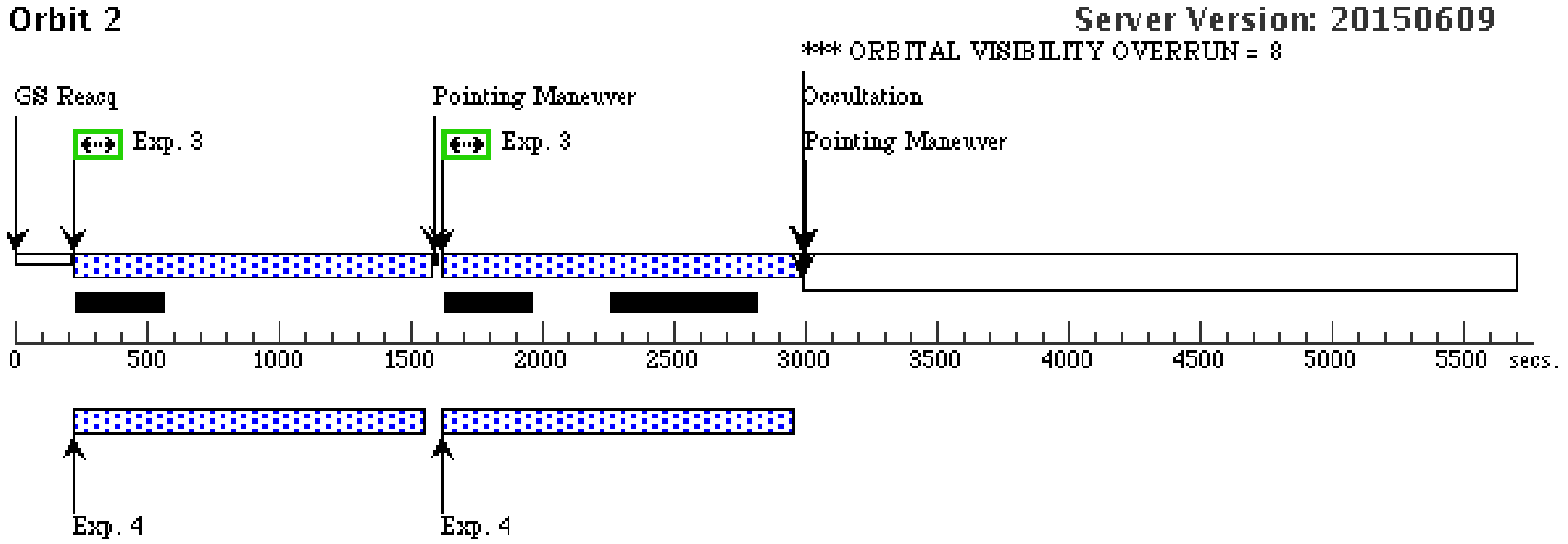
Exposures

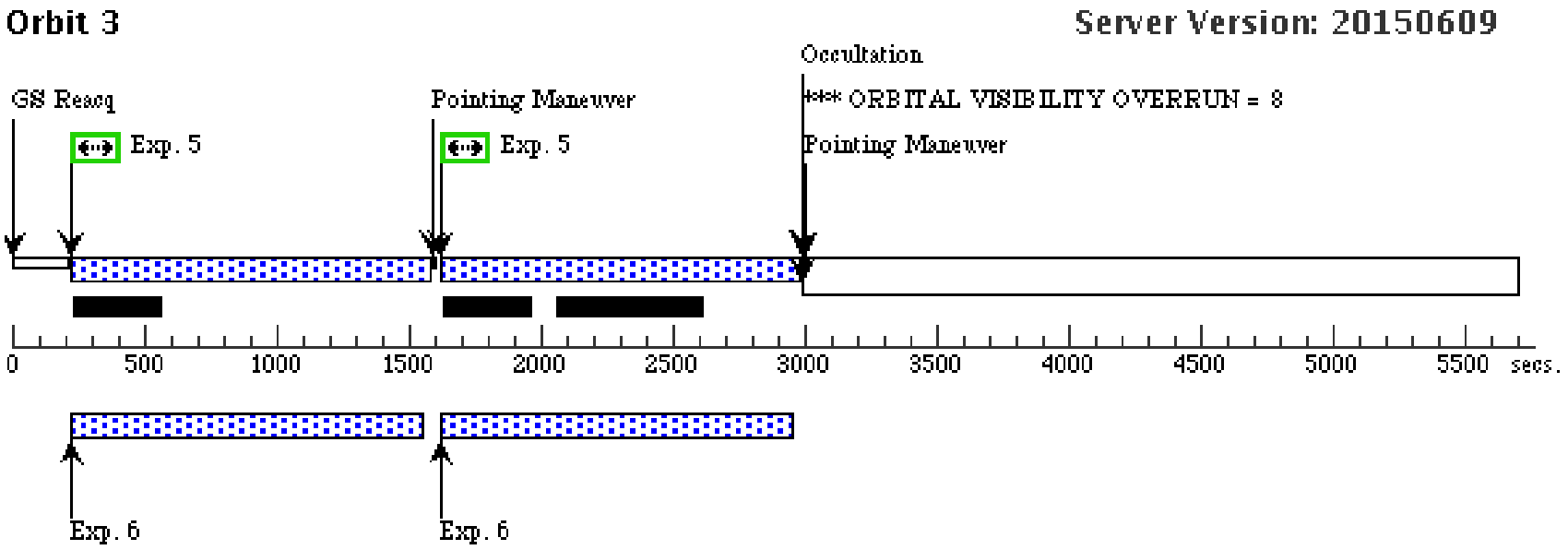
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 1-2 in NGC 1316-2 (32) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1316-2 (32)	1100 Secs (2286 Secs) *[==>1143.0 Secs (Pattern 1)]* *[==>1143.0 Secs (Pattern 2)]*	***[1]***
2		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 1-2 in NGC 1316-2 (32) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1316-2 (32)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 3-4 in NGC 1316-2 (32) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1316-2 (32)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[2]***
4		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 3-4 in NGC 1316-2 (32) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1316-2 (32)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
5		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 5-6 in NGC 1316-2 (32) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1316-2 (32)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[3]***
6		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 5-6 in NGC 1316-2 (32) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1316-2 (32)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
7		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 7-8 in NGC 1316-2 (32) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1316-2 (32)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[4]***
8		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 7-8 in NGC 1316-2 (32) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1316-2 (32)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

	9	(4) NGC-1316	ACS/WFC, ACCUM, WFC	F814W		Pattern 4, Exps 9-10 in NGC 1316-2 (32) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1316-2 (32)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	 ***[5]***
	10	(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100	Pattern 4, Exps 9-10 in NGC 1316-2 (32) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1316-2 (32)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	 ***[5]***

Orbit Structure



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Occultation
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Pointing Maneuver
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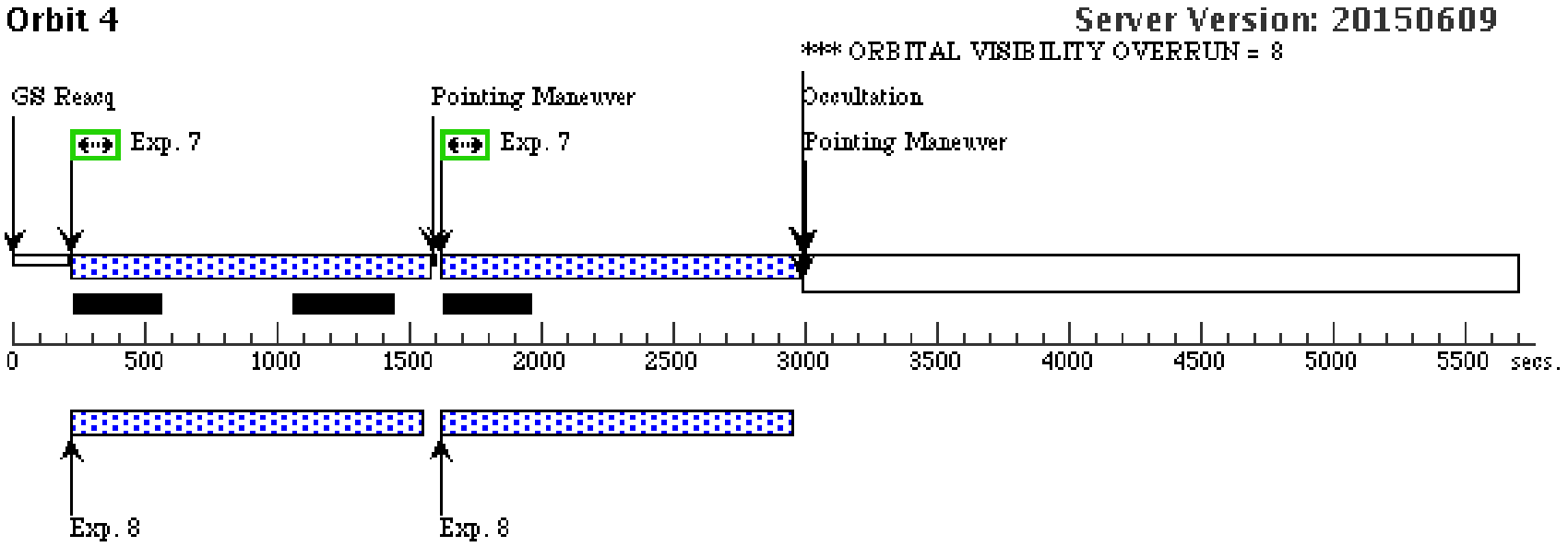
secs.
Exp. 6
Exp. 6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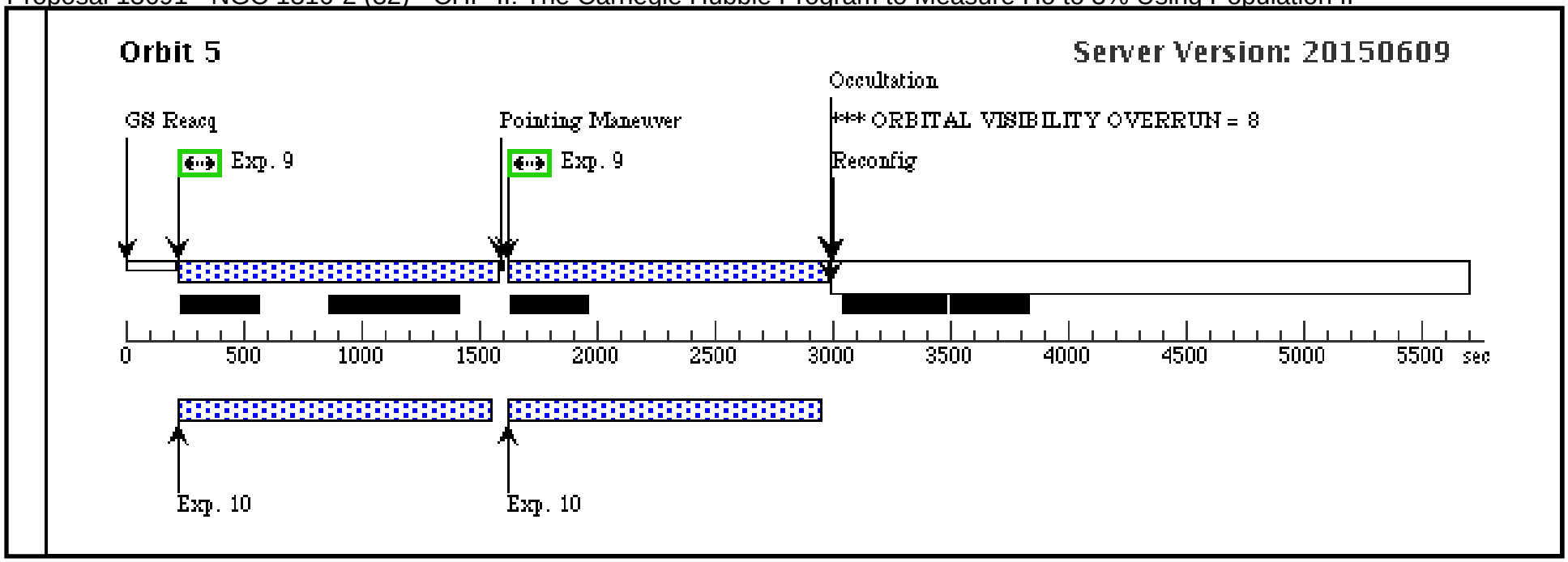
secs.
Exp. 8
Exp. 8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Server Version: 20150609
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Pointing Maneuver
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Exp. 9
Reconfig
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1500
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3500
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4500
5000
5500
sec
Exp. 10
Exp. 10

Visit

Proposal 13691, NGC 1316-3 (36), completed Fri Aug 28 01:09:02 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: SCHED 100%; ORIENT 228D TO 232 D; AFTER 37 BY 1 D TO 10 D

Diagnostics

(NGC 1316-3 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(NGC 1316-3 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(NGC 1316-3 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

(NGC 1316-3 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

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Patterns

#	Primary Pattern		Secondary Pattern	Exposures
(4)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=3.011 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=false		(1-2), (3-4), (5-6), (7-8), (9-10)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(4)	NGC-1316	RA: 03 23 12.5220 (50.8021750d) Dec: -37 19 21.61 (-37.32267d) Equinox: J2000		V=10.05	Reference Frame: NED

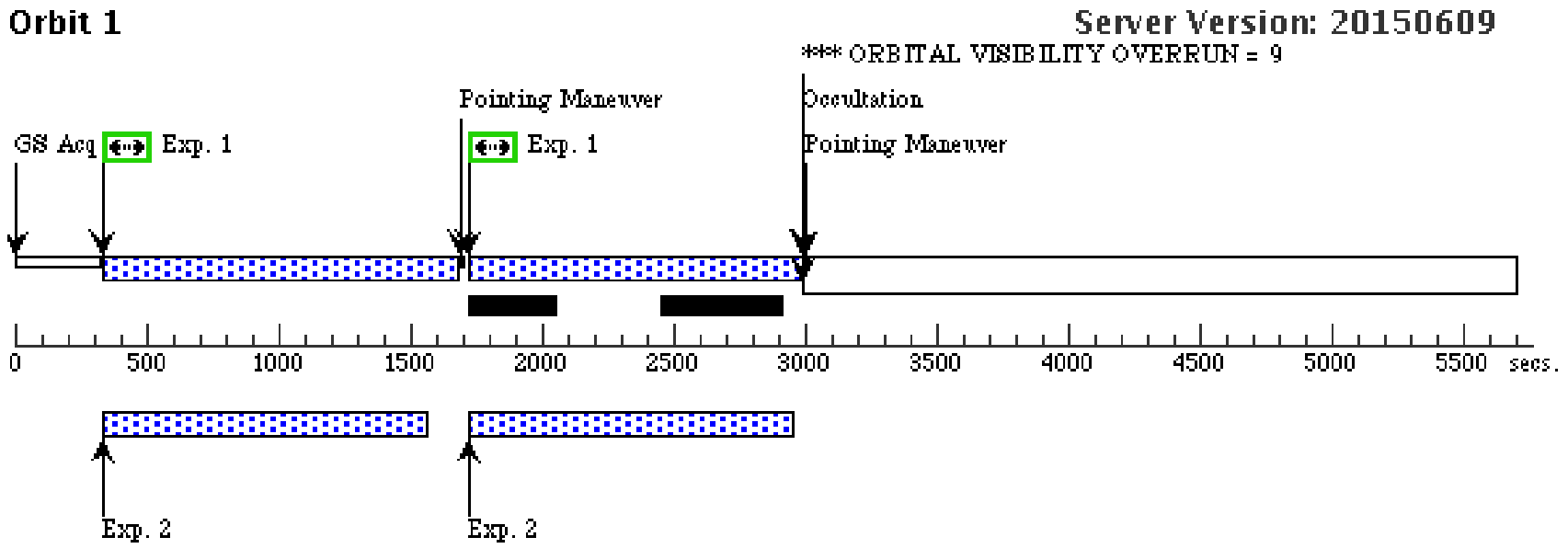
Comments: This object was generated by the targetselector and retrieved from the NED database.

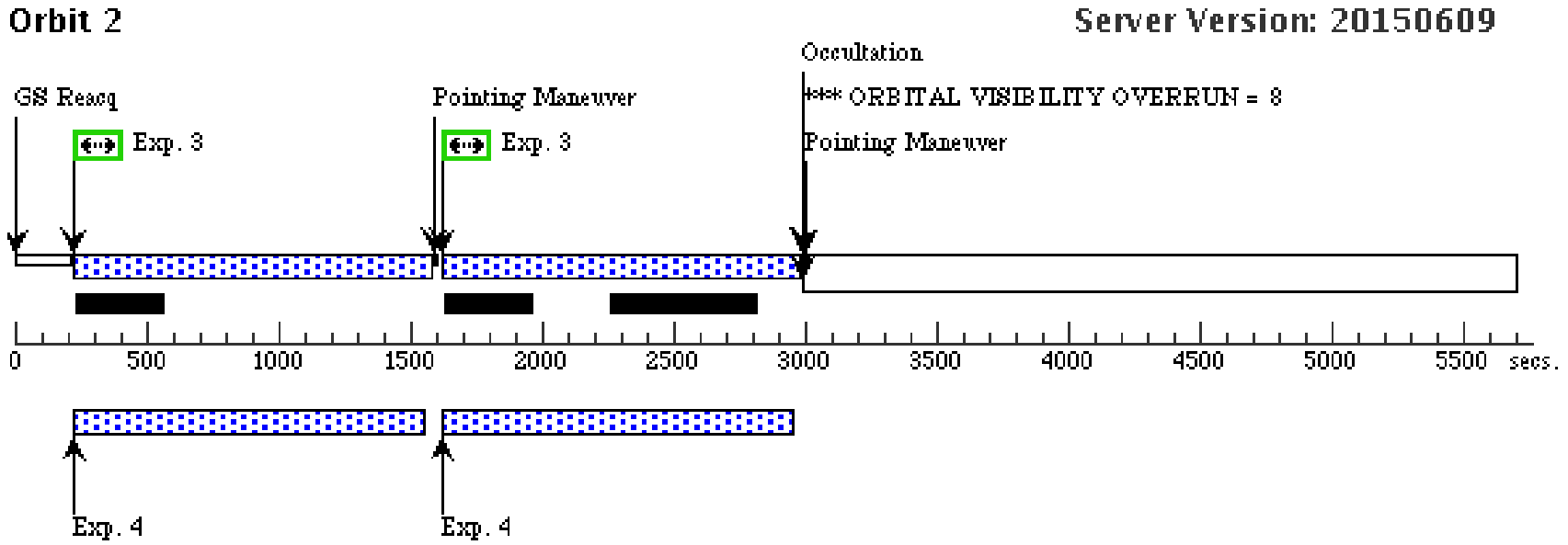
Exposures

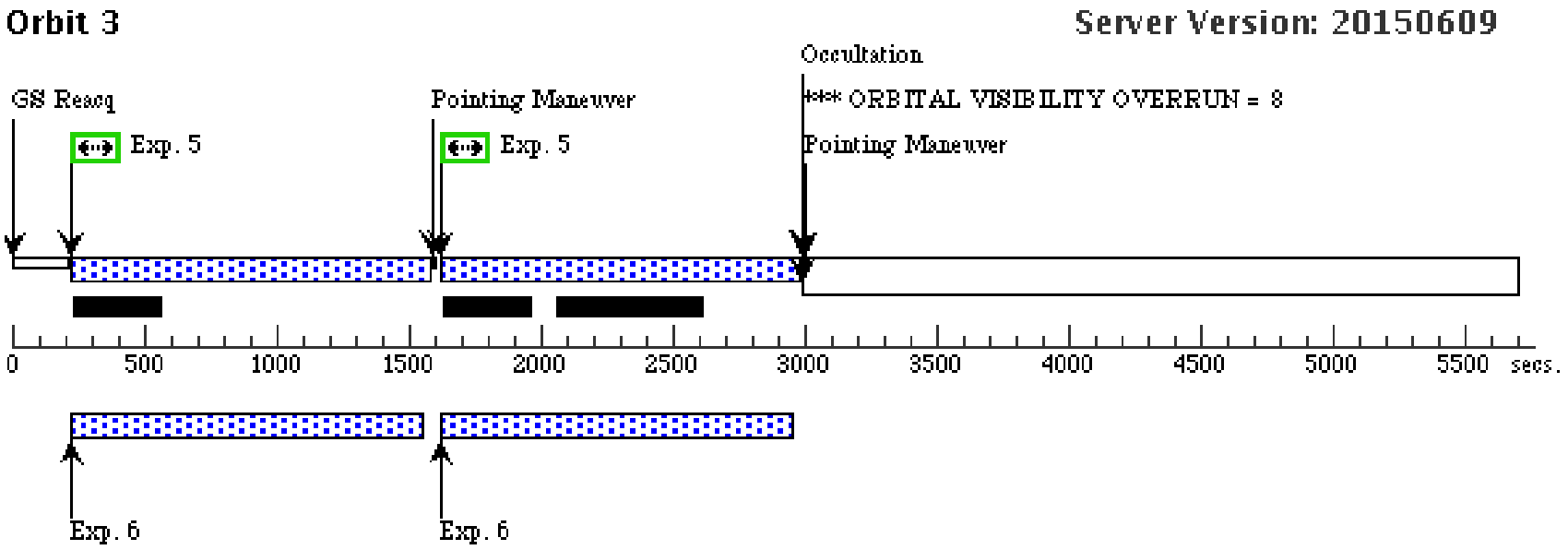
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 1-2 in NGC 1316-3 (36) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1316-3 (36)	1100 Secs (2286 Secs) *[==>1143.0 Secs (Pattern 1)]* *[==>1143.0 Secs (Pattern 2)]*	***[1]***
2		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=13; SAMP-SEQ=SPARS100		Pattern 4, Exps 1-2 in NGC 1316-3 (36) (4) Prime + Parallel Group 1-2 in Pattern 4, Exps 1-2 in NGC 1316-3 (36)	1202.936167 Secs (2405.872 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***
3		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 3-4 in NGC 1316-3 (36) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1316-3 (36)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[2]***
4		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 3-4 in NGC 1316-3 (36) (4) Prime + Parallel Group 3-4 in Pattern 4, Exps 3-4 in NGC 1316-3 (36)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[2]***
5		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 5-6 in NGC 1316-3 (36) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1316-3 (36)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[3]***
6		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 5-6 in NGC 1316-3 (36) (4) Prime + Parallel Group 5-6 in Pattern 4, Exps 5-6 in NGC 1316-3 (36)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[3]***
7		(4) NGC-1316	ACS/WFC, ACCUM, WFC	F814W			Pattern 4, Exps 7-8 in NGC 1316-3 (36) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1316-3 (36)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	***[4]***
8		(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 7-8 in NGC 1316-3 (36) (4) Prime + Parallel Group 7-8 in Pattern 4, Exps 7-8 in NGC 1316-3 (36)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[4]***

	9	(4) NGC-1316	ACS/WFC, ACCUM, WFC	F814W		POS TARG 0.5,0.25	Pattern 4, Exps 9-10 in NGC 1316-3 (36) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1316-3 (36)	1100 Secs (2478 Secs) *[==>1239.0 Secs (Pattern 1)]* *[==>1239.0 Secs (Pattern 2)]*	 ***[5]***
	10	(4) NGC-1316	WFC3/IR, MULTIACCUM, IR	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Pattern 4, Exps 9-10 in NGC 1316-3 (36) (4) Prime + Parallel Group 9-10 in Pattern 4, Exps 9-10 in NGC 1316-3 (36)	1302.93649 Secs (2605.873 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	 ***[5]***

Orbit Structure



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Occultation
GS Reacq
Pointing Maneuver
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Exp. 5
Exp. 5
Pointing Maneuver
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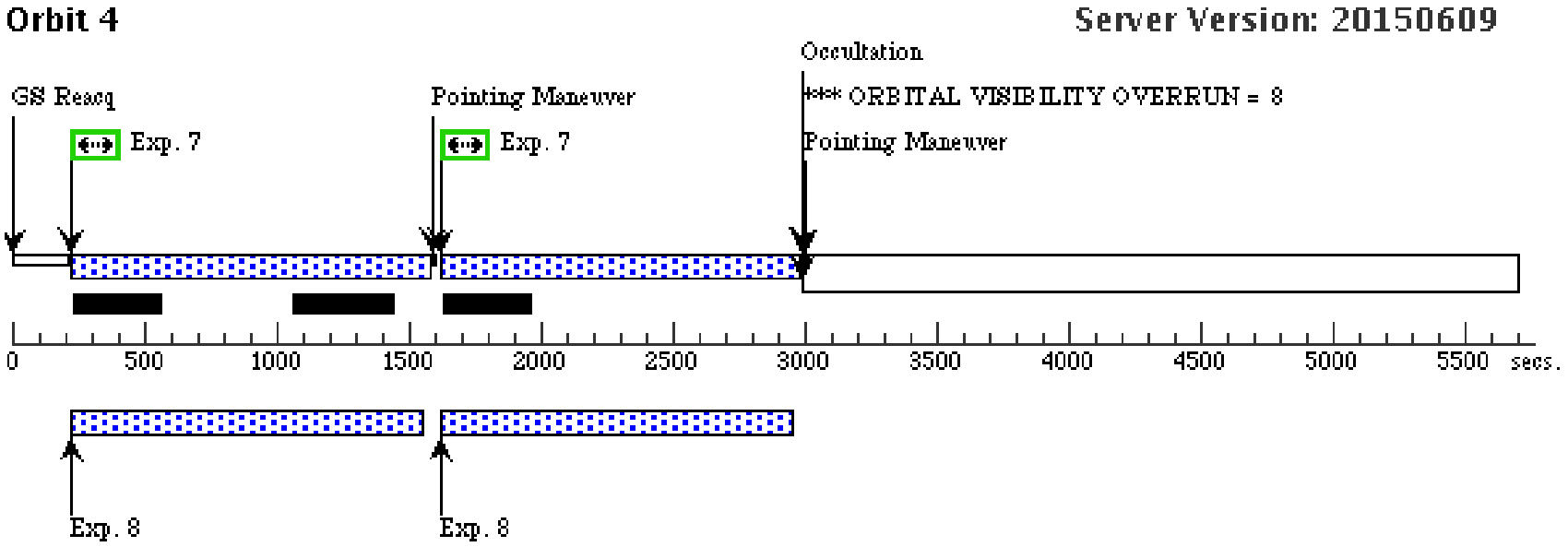
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 6
Exp. 6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Server Version: 20150609
Occultation
GS Reacq
Pointing Maneuver
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Exp. 7
Pointing Maneuver
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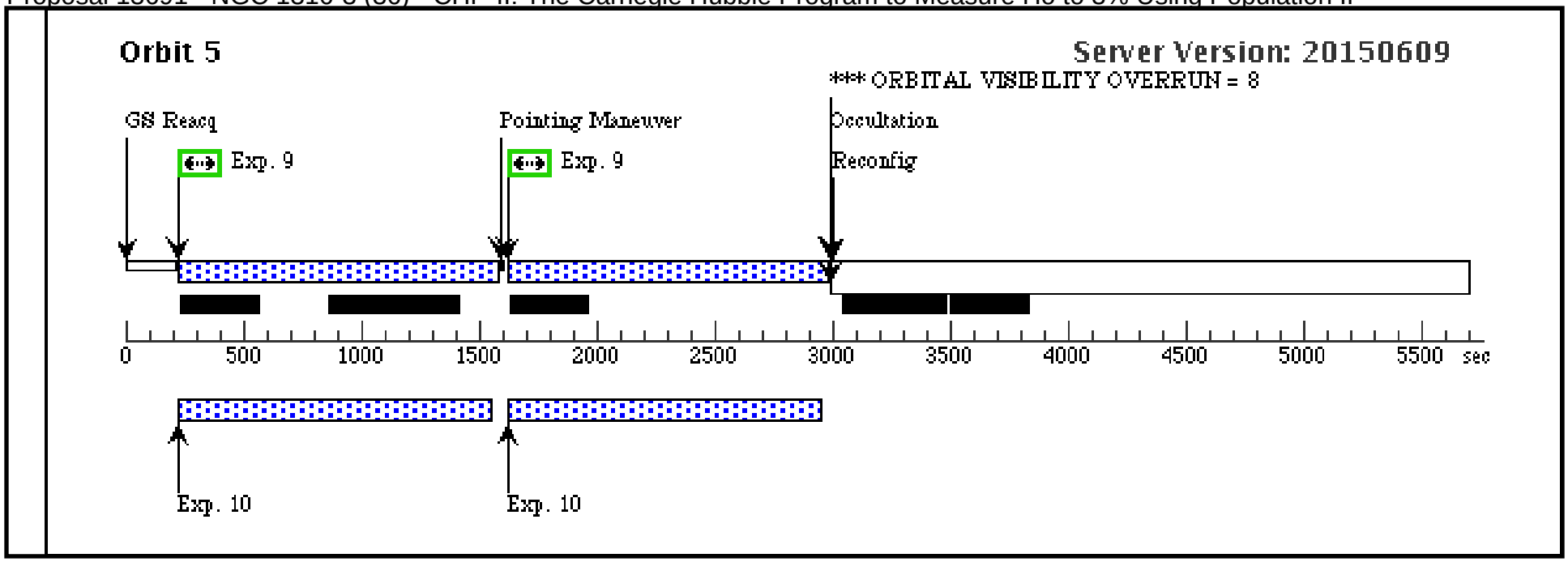
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 8
Exp. 8


Orbit 5
Server Version: 20150609
*** ORBITAL VISIBILITY OVERRUN = 8
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 9
Occultation
Reconfig
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 10
Exp. 10

Visit

Proposal 13691, OMEGA CEN-1 (34), completed Fri Aug 28 01:09:02 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR

Special Requirements: SCHED 100%; ORIENT 43D TO 48 D; ORIENT 133D TO 137 D

Diagnostics

(Exposure 3 (Pattern 9, Exps 3-3 in OMEGA CEN-1 (34)) special requirements) Warning (Form): Be very careful mixing POS TARG and Center_Pattern = Yes

Patterns

#	Primary Pattern		Secondary Pattern		Exposures
(1)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(4)
(5)	Pattern Type=BOX Purpose=MOSAIC Number Of Points=4 Point Spacing=90 Line Spacing=90	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides=90 Center Pattern=true	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false	(1), (2)
(9)	Pattern Type=LINE Purpose=MOSAIC Number Of Points=2 Point Spacing=90 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=true	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false	(3)

Fixed Targets

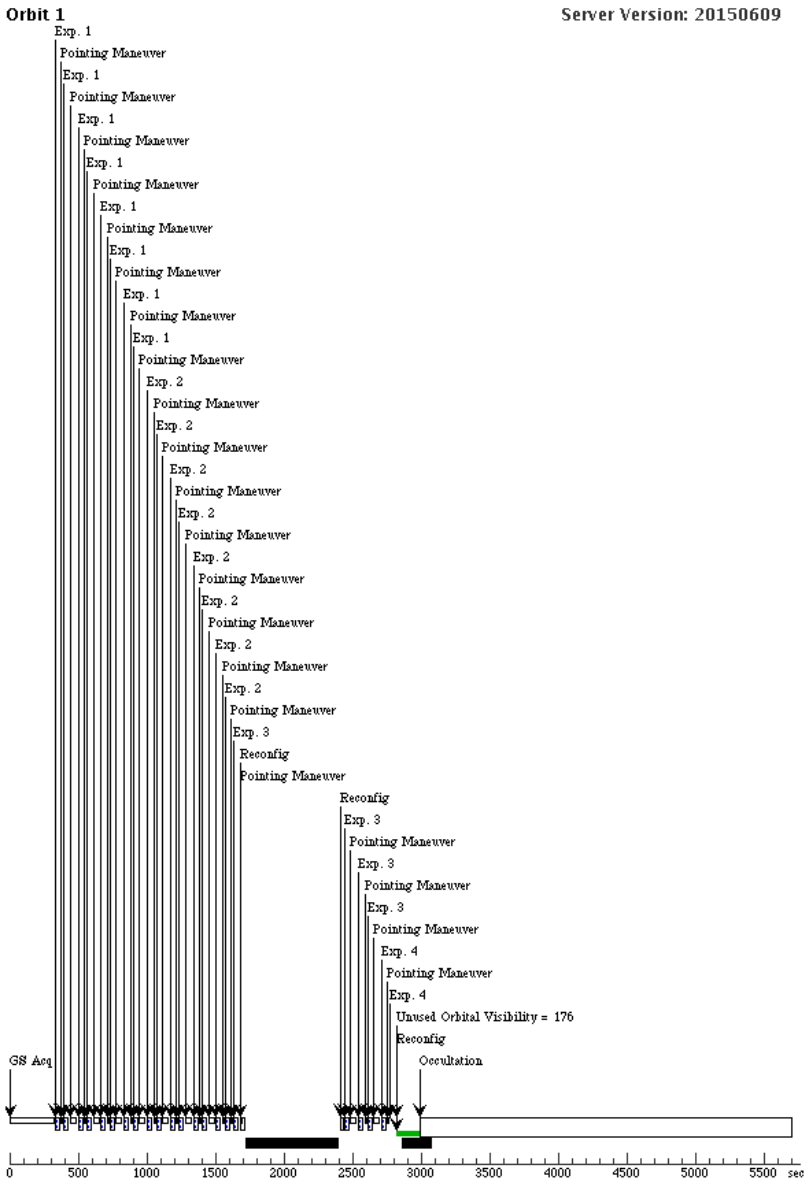
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(14)	OMEGA-CEN-FIELD1	RA: 13 26 41.3000 (201.6720833d) Dec: -47 26 29.50 (-47.44153d) Equinox: J2000		V=3.9	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(14) OMEGA-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=1; SAMP-SEQ=RAPID	GS ACQ SCENARIO BASE1B3	Pattern 5, Exps 1-1 in OMEGA CEN-1 (34) (5)	2.932291 Secs (23.458 Secs) *[==>(Pattern 1,1)]* *[==>(Pattern 1,2)]* *[==>(Pattern 2,1)]* *[==>(Pattern 2,2)]* *[==>(Pattern 3,1)]* *[==>(Pattern 3,2)]* *[==>(Pattern 4,1)]* *[==>(Pattern 4,2)]*	***[1]***
2		(14) OMEGA-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=1; SAMP-SEQ=RAPID		Pattern 5, Exps 2-2 in OMEGA CEN-1 (34) (5)	2.932291 Secs (23.458 Secs) *[==>(Pattern 1,1)]* *[==>(Pattern 1,2)]* *[==>(Pattern 2,1)]* *[==>(Pattern 2,2)]* *[==>(Pattern 3,1)]* *[==>(Pattern 3,2)]* *[==>(Pattern 4,1)]* *[==>(Pattern 4,2)]*	***[1]***
3		(14) OMEGA-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=1; SAMP-SEQ=RAPID	POS TARG -45,null	Pattern 9, Exps 3-3 in OMEGA CEN-1 (34) (9)	2.932291 Secs (11.729 Secs) *[==>(Pattern 1,1)]* *[==>(Pattern 1,2)]* *[==>(Pattern 2,1)]* *[==>(Pattern 2,2)]*	***[1]***
4		(14) OMEGA-CEN-FIELD1	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=1; SAMP-SEQ=RAPID	POS TARG 45,45	Pattern 1, Exps 4-4 in OMEGA CEN-1 (34) (1)	2.932291 Secs (5.865 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***

Orbit Structure



Visit

Proposal 13691, OMEGA CEN-2 (35), completed Fri Aug 28 01:09:02 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR

Special Requirements: SCHED 100%; ORIENT 43D TO 47 D; ORIENT 133D TO 137 D; AFTER 34 BY 1.1 D TO 1.3 D

Diagnostics

(Exposure 3 (Pattern 9, Exps 3-3 in OMEGA CEN-2 (35)) special requirements) Warning (Form): Be very careful mixing POS TARG and Center_Pattern = Yes

Patterns

#	Primary Pattern		Secondary Pattern		Exposures
(1)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(4)
(5)	Pattern Type=BOX Purpose=MOSAIC Number Of Points=4 Point Spacing=90 Line Spacing=90	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides=90 Center Pattern=true	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false	(1), (2)
(9)	Pattern Type=LINE Purpose=MOSAIC Number Of Points=2 Point Spacing=90 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=90 Angle Between Sides= Center Pattern=true	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false	(3)

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(27)	OMEGA-CEN-FIELD2	RA: 13 26 4.2500 (201.5177083d) Dec: -47 25 10.60 (-47.41961d) Equinox: J2000		V=3.9	Reference Frame: SIMBAD

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(27) OMEGA-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=1; SAMP-SEQ=RAPID	GS ACQ SCENARIO BASE1B3	Pattern 5, Exps 1-1 in OMEGA CEN-2 (35) (5)	2.932291 Secs (23.458 Secs) *[==>(Pattern 1,1)]* *[==>(Pattern 1,2)]* *[==>(Pattern 2,1)]* *[==>(Pattern 2,2)]* *[==>(Pattern 3,1)]* *[==>(Pattern 3,2)]* *[==>(Pattern 4,1)]* *[==>(Pattern 4,2)]*	***[1]***
2		(27) OMEGA-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=1; SAMP-SEQ=RAPID		Pattern 5, Exps 2-2 in OMEGA CEN-2 (35) (5)	2.932291 Secs (23.458 Secs) *[==>(Pattern 1,1)]* *[==>(Pattern 1,2)]* *[==>(Pattern 2,1)]* *[==>(Pattern 2,2)]* *[==>(Pattern 3,1)]* *[==>(Pattern 3,2)]* *[==>(Pattern 4,1)]* *[==>(Pattern 4,2)]*	***[1]***
3		(27) OMEGA-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=1; SAMP-SEQ=RAPID	POS TARG -45,null	Pattern 9, Exps 3-3 in OMEGA CEN-2 (35) (9)	2.932291 Secs (11.729 Secs) *[==>(Pattern 1,1)]* *[==>(Pattern 1,2)]* *[==>(Pattern 2,1)]* *[==>(Pattern 2,2)]*	***[1]***
4		(27) OMEGA-CEN-FIELD2	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=1; SAMP-SEQ=RAPID	POS TARG 45,45	Pattern 1, Exps 4-4 in OMEGA CEN-2 (35) (1)	2.932291 Secs (5.865 Secs) *[==>(Pattern 1)]* *[==>(Pattern 2)]*	***[1]***

Orbit Structure