

13504 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Cycle: 22, Proposal Category: GO/DD

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:11.0	yes
02	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:13.0	yes
03	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:15.0	yes
04	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:17.0	yes
05	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:19.0	yes
06	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:21.0	yes
07	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:23.0	yes
08	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:24.0	yes
09	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:26.0	yes
10	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:28.0	yes
11	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:31.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
12	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:32.0	yes
13	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:34.0	yes
14	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:36.0	yes
15	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:37.0	yes
16	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:39.0	yes
17	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:41.0	yes
18	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:42.0	yes
19	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:44.0	yes
20	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:46.0	yes
21	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:47.0	yes
22	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:49.0	yes
23	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:50.0	yes
24	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:52.0	yes
25	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:54.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
26	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:56.0	yes
27	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:58.0	yes
28	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:01:59.0	yes
29	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:01.0	yes
30	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:02.0	yes
31	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:04.0	yes
32	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:06.0	yes
33	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:07.0	yes
34	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:09.0	yes
35	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:10.0	yes
36	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:12.0	yes
37	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:14.0	yes
38	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:16.0	yes
39	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:18.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
40	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:19.0	yes
41	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:21.0	yes
42	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:22.0	yes
43	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:24.0	yes
44	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:25.0	yes
45	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:27.0	yes
46	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:29.0	yes
47	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:30.0	yes
48	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:32.0	yes
49	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:33.0	yes
50	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:35.0	yes
51	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:37.0	yes
52	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:39.0	yes
53	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:41.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
54	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:42.0	yes
55	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:44.0	yes
56	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:45.0	yes
57	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:47.0	yes
58	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:49.0	yes
59	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:50.0	yes
60	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:52.0	yes
61	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:53.0	yes
62	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:55.0	yes
63	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:57.0	yes
64	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:02:58.0	yes
65	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:03:00.0	yes
66	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:03:02.0	yes
67	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:03:04.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
68	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:03:05.0	yes
69	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:03:07.0	yes
70	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	2	01-Apr-2015 21:03:08.0	yes
81	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:11.0	yes
82	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:14.0	yes
83	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:18.0	yes
91	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:21.0	yes
92	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:25.0	yes
93	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:28.0	yes
94	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:31.0	yes
95	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:34.0	yes
96	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:37.0	yes
97	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:41.0	yes
98	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:45.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
99	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:48.0	yes
A1	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:51.0	yes
A2	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:54.0	yes
A3	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:03:57.0	yes
B1	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:04:00.0	yes
B2	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:04:04.0	yes
B3	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:04:08.0	yes
B4	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:04:11.0	yes
B5	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:04:14.0	yes
B6	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:04:17.0	yes
B7	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:04:20.0	yes
B8	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:04:23.0	yes
B9	(1) MACSJ1149.5+2223 (2) MACSJ1149.5+2223-HFFPAR	ACS/WFC WFC3/IR	4	01-Apr-2015 21:04:27.0	yes

236 Total Orbits Used

ABSTRACT

Using Director's Discretionary (DD) observing time, HST will undertake a revolutionary deep field observing program to peer deeper into the Universe than ever before and provide a first glimpse of JWST's universe. These Frontier Fields will combine the power of HST with the natural gravitational telescopes of high-magnification clusters of galaxies to produce the second-deepest observations of blank fields and the deepest observations of clusters and their lensed galaxies ever obtained.

The primary science goals of the HST FF are (1) to reveal z~5-10 galaxy populations ~10-50 times intrinsically fainter than any presently known; (2) to solidify our understanding of the stellar masses and star-formation histories of galaxies at the earliest times; (3) provide the first statistically meaningful morphological characterization of z>5 galaxies; and (4) to find z>8 galaxies magnified sufficiently for spectroscopic followup and internal structure studies.

Six strong-lensing clusters -- Abell 2744, MACSJ0416.1-2403, MACSJ0717.5+3745, MACSJ1149.5+22, RXCJ2248.7-4431, and Abell 370 -- will be targeted with coordinated parallels of adjacent blank fields with ACS/WFC and WFC3/IR cameras. Observations for the first four cluster/blank field pairs will be obtained in HST Cycles 21 and 22, with two additional pairs to follow in Cycle 23 pending results of the initial observations. HST imaging will reach 5sigma depths of 28.7' 29th AB magnitude for a point source in ACS F435W, F606W, F814W, WFC3/IR F105W, F125W, F140W, F160W at 140 total orbits per field. All data for this observing program will be nonproprietary and available immediately upon entry into the Mikulski Archive for Space Telescopes. STScI will release fully calibrated high-level science products ready for scientific analysis by the astronomical community shortly after the raw data are obtained

OBSERVING DESCRIPTION

TBD

Proposal 13504 - Visit 01 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 01, completed Thu Apr 02 01:04:34 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 02-NOV-2013:00:00:00 AND 16-NOV-2013:00:00:00

*Comments: *** PLEASE USE GUIDESTAR PAIR FOR THIS VISIT ****
2nd guidestar is just below the magnitude threshold,
and is important to test for soon-to-follow HFF supplementary
GO program(s)

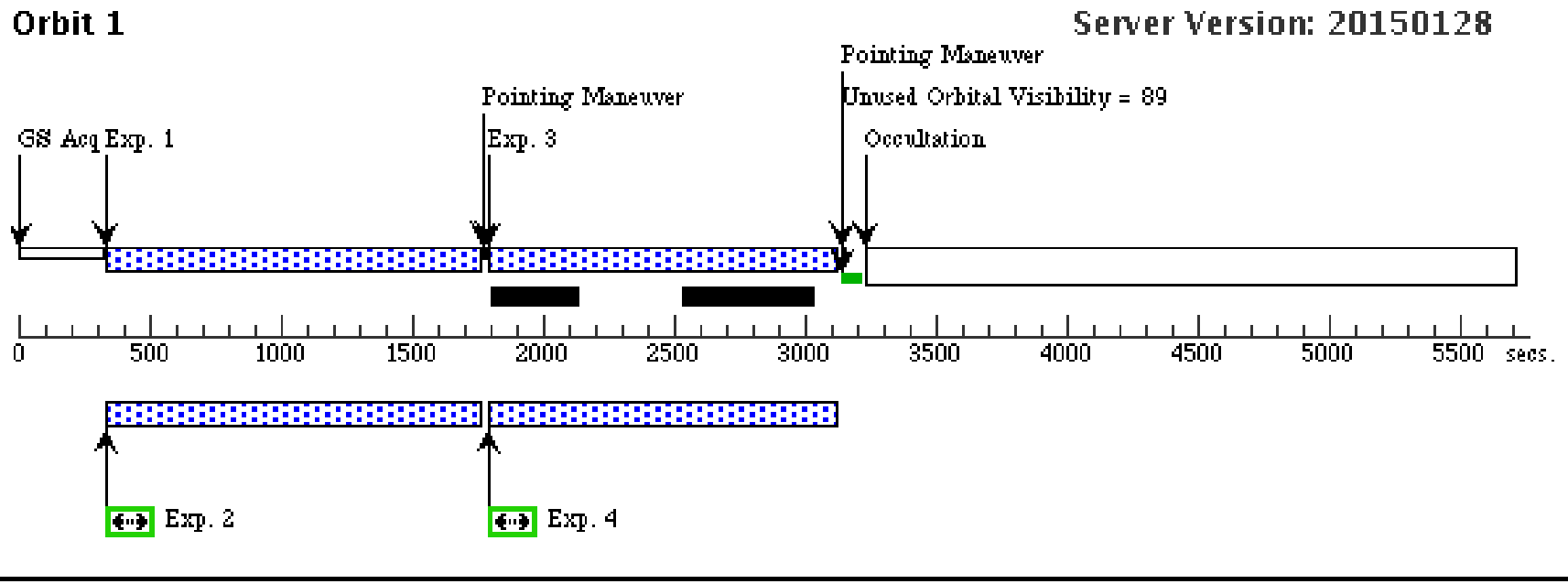
Fixed Targets

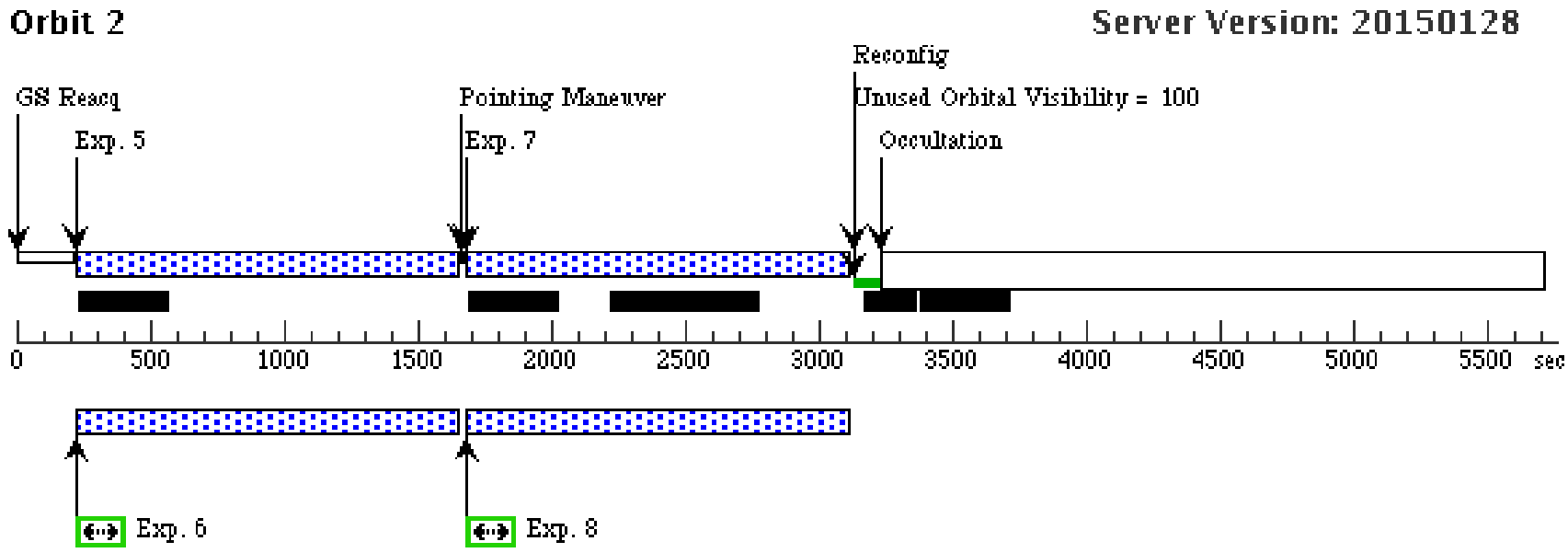
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.389,1.120; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 01	1402.936813 Secs (1402.937 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 01	1225 Secs (1225 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.186,1.423	Prime + Parallel Group 3-4 in Visit 01	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 01	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=STEP200	POS TARG -2.134,-1.847	Prime + Parallel Group 5-6 in Visit 01	1399.231402 Secs (1399.231 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 01	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.931,-2.150	Prime + Parallel Group 7-8 in Visit 01	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 01	1307 Secs (1307 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 02 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 02, completed Thu Apr 02 01:04:35 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

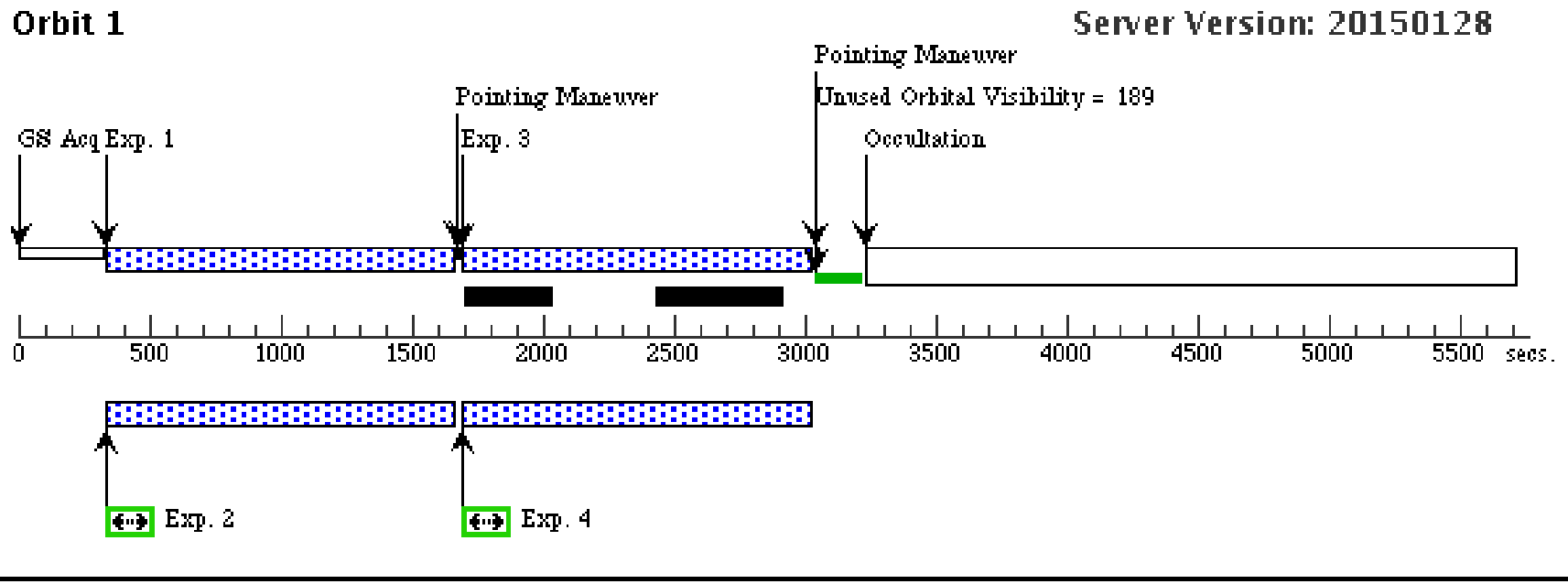
Fixed Targets

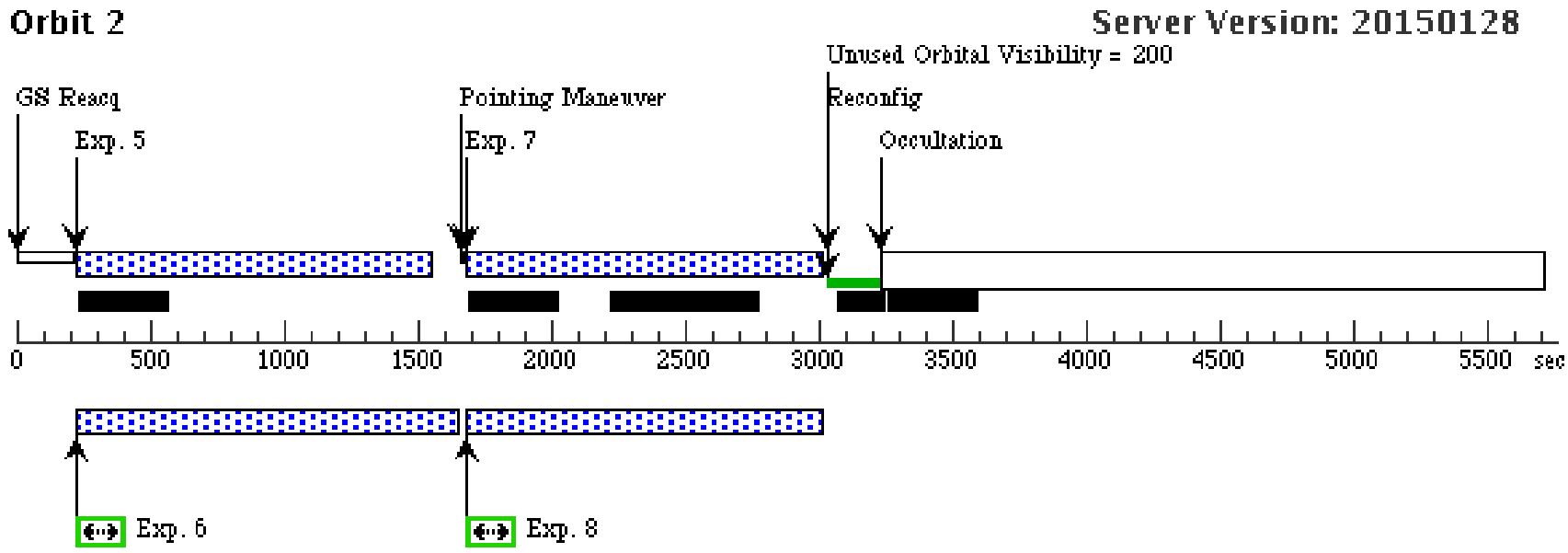
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.939,1.854; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 02	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in Visit 02	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 2.143,1.552	Prime + Parallel Group 3-4 in Visit 02	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in Visit 02	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.380,-1.415	Prime + Parallel Group 5-6 in Visit 02	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in Visit 02	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.177,-1.718	Prime + Parallel Group 7-8 in Visit 02	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in Visit 02	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 03 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 03, implementation Thu Apr 02 01:04:35 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

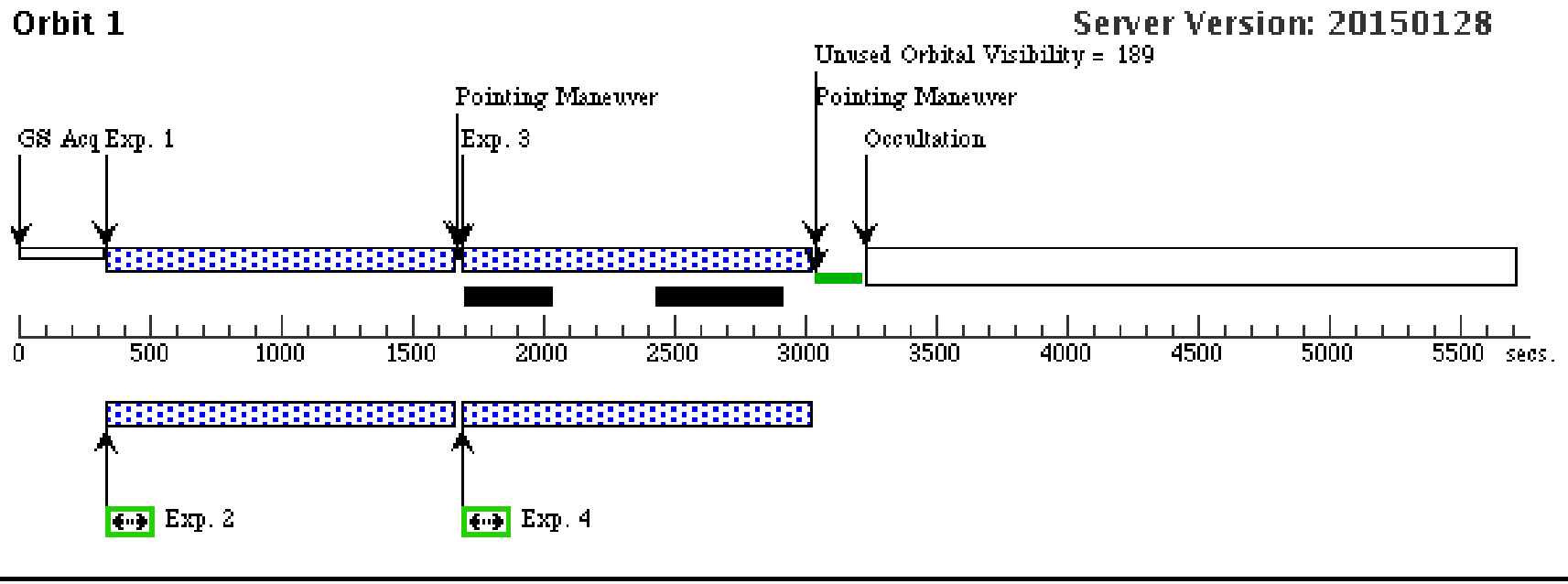
Fixed Targets

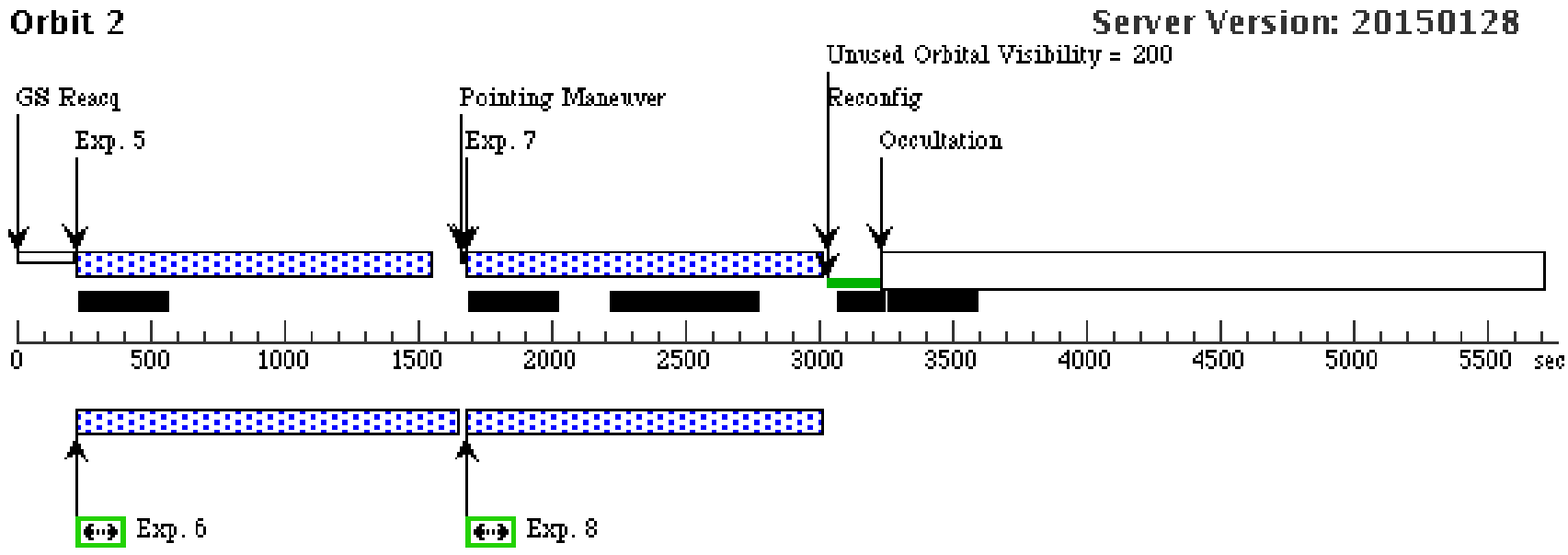
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.745,1.529; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 03	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 03	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.541,1.832	Prime + Parallel Group 3-4 in Visit 03	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 03	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.778,-1.438	Prime + Parallel Group 5-6 in Visit 03	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 03	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.575,-1.741	Prime + Parallel Group 7-8 in Visit 03	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 03	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 04, implementation Thu Apr 02 01:04:35 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 04) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

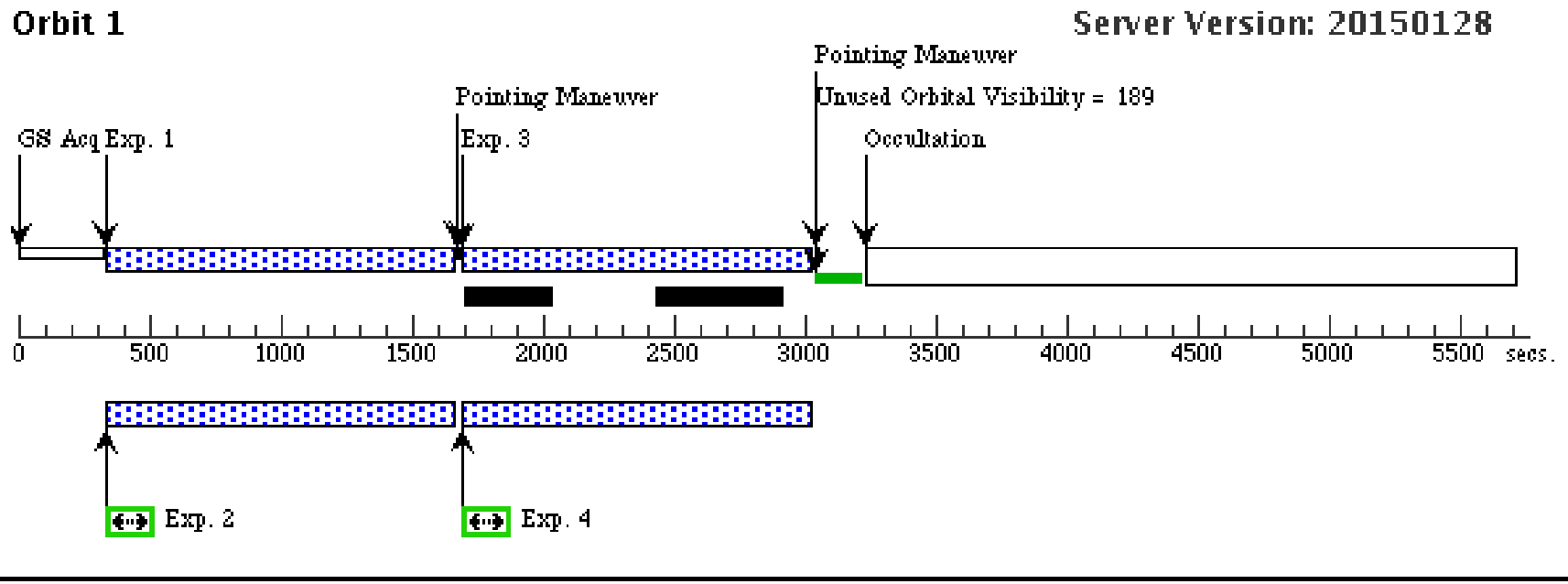
Fixed Targets

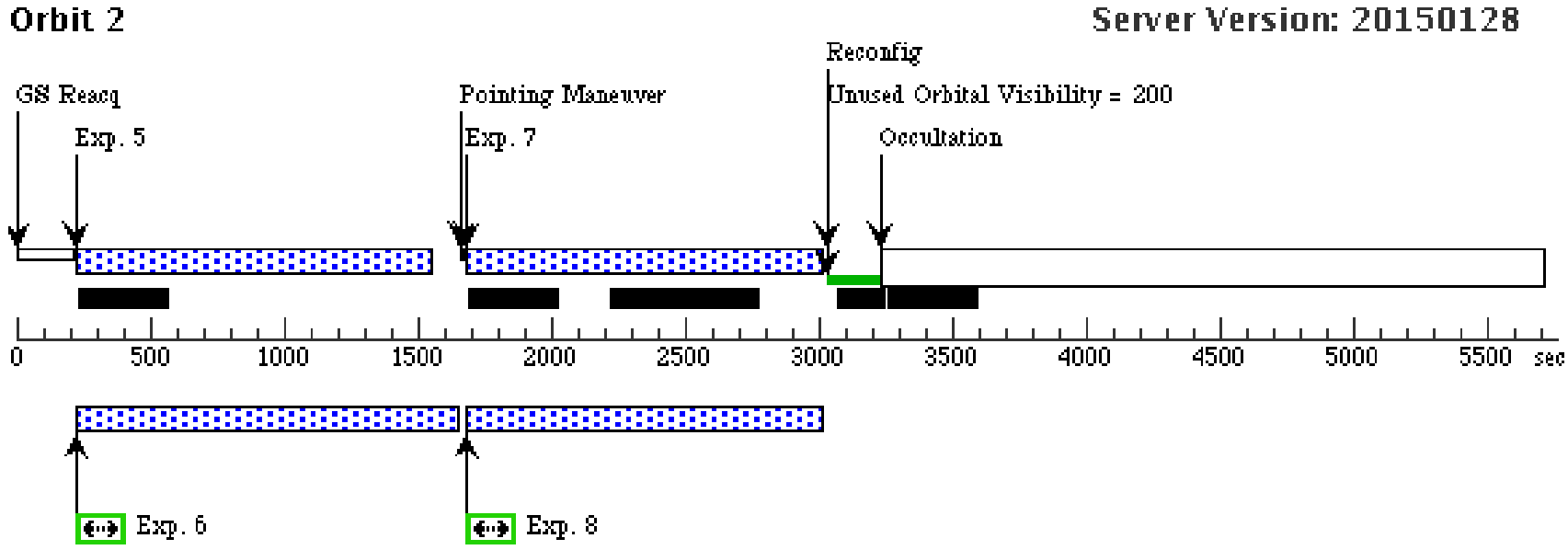
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.922,1.718; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 04	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 1-2 in Visit 04	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 2.126,1.415	Prime + Parallel Group 3-4 in Visit 04	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 3-4 in Visit 04	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.397,-1.552	Prime + Parallel Group 5-6 in Visit 04	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 5-6 in Visit 04	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.194,-1.854	Prime + Parallel Group 7-8 in Visit 04	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 7-8 in Visit 04	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 05 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 05, completed Thu Apr 02 01:04:35 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 05) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

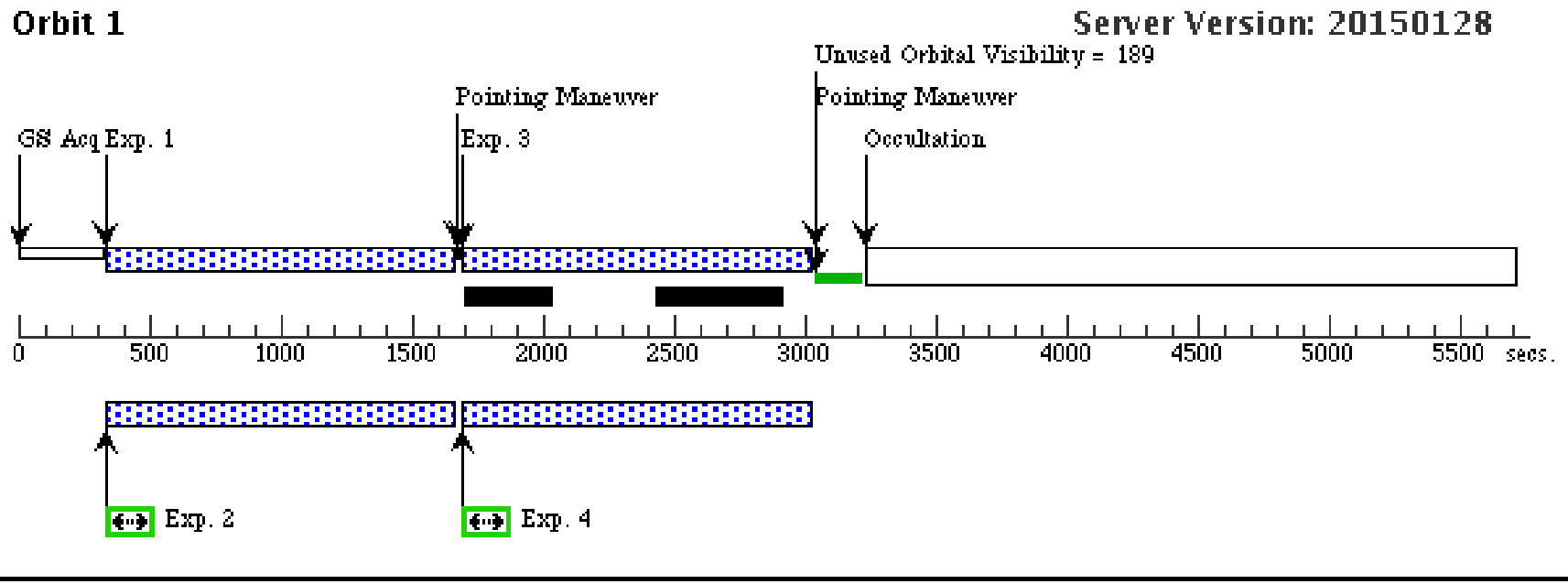
Fixed Targets

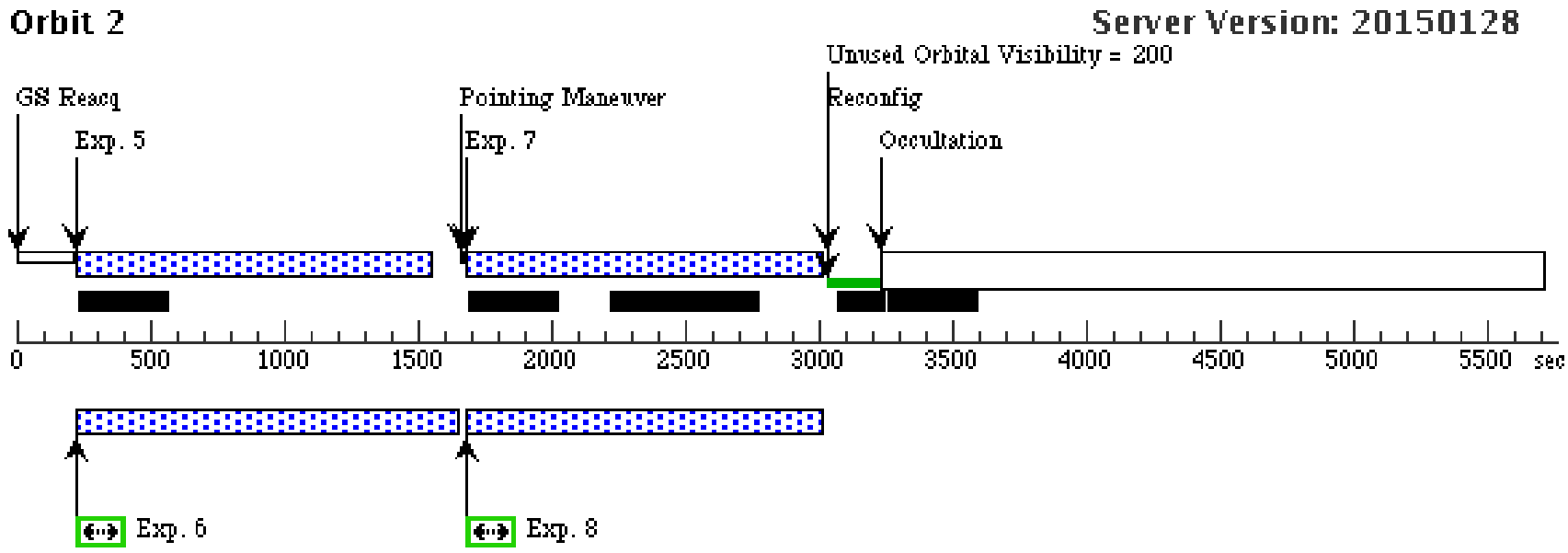
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.872,1.824; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 05	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 05	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.668,2.127	Prime + Parallel Group 3-4 in Visit 05	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 05	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.651,-1.143	Prime + Parallel Group 5-6 in Visit 05	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 05	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.448,-1.446	Prime + Parallel Group 7-8 in Visit 05	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 05	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 06, implementation Thu Apr 02 01:04:35 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

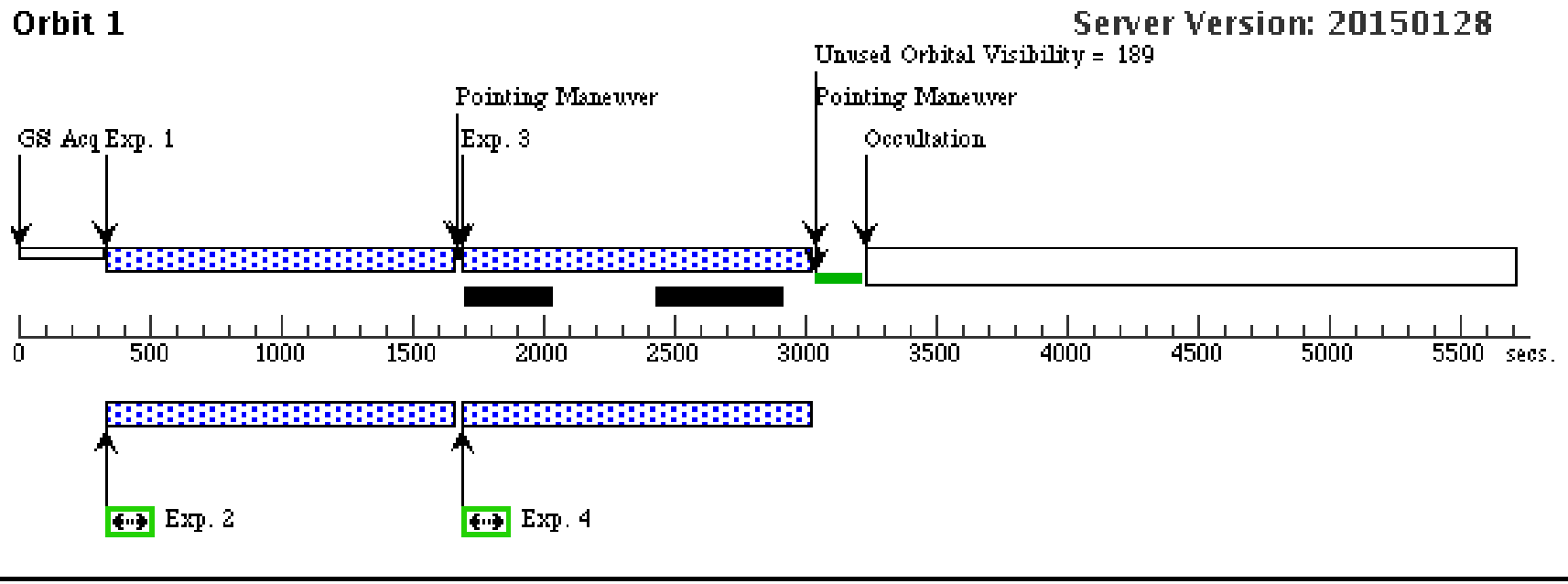
Fixed Targets

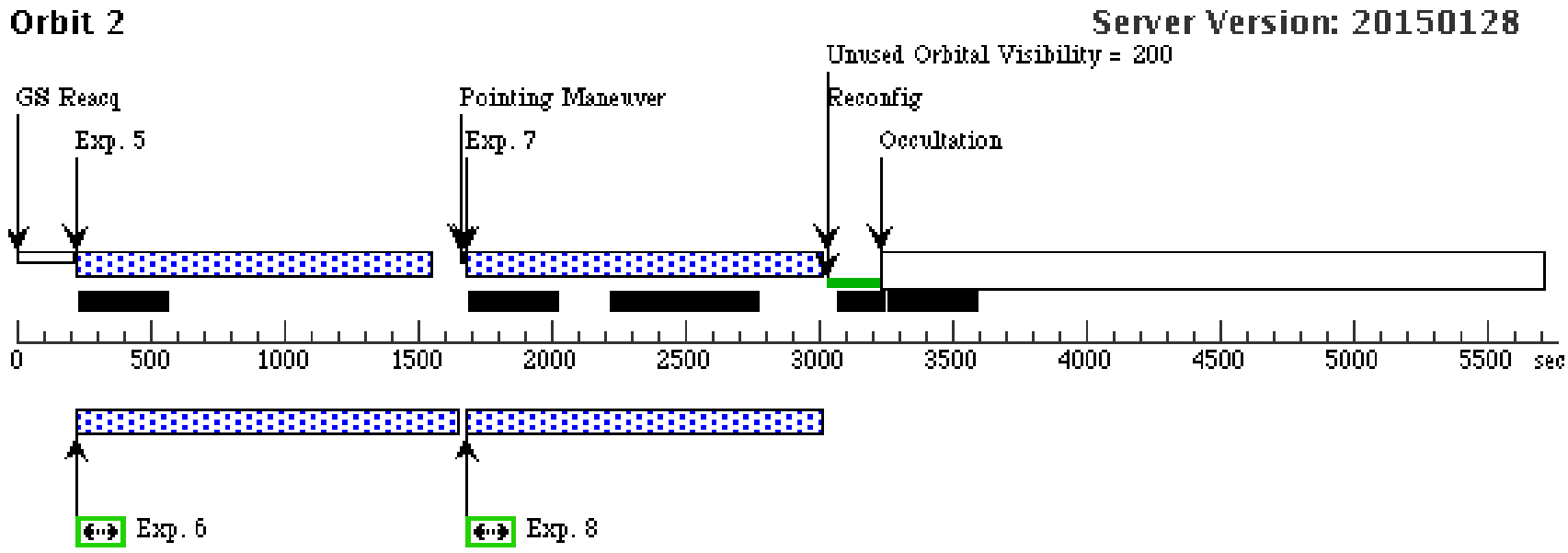
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.592,1.786; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 06	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 06	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.795,1.483	Prime + Parallel Group 3-4 in Visit 06	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 06	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.728,-1.483	Prime + Parallel Group 5-6 in Visit 06	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 06	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.524,-1.786	Prime + Parallel Group 7-8 in Visit 06	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 06	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 07 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 07, implementation Thu Apr 02 01:04:35 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

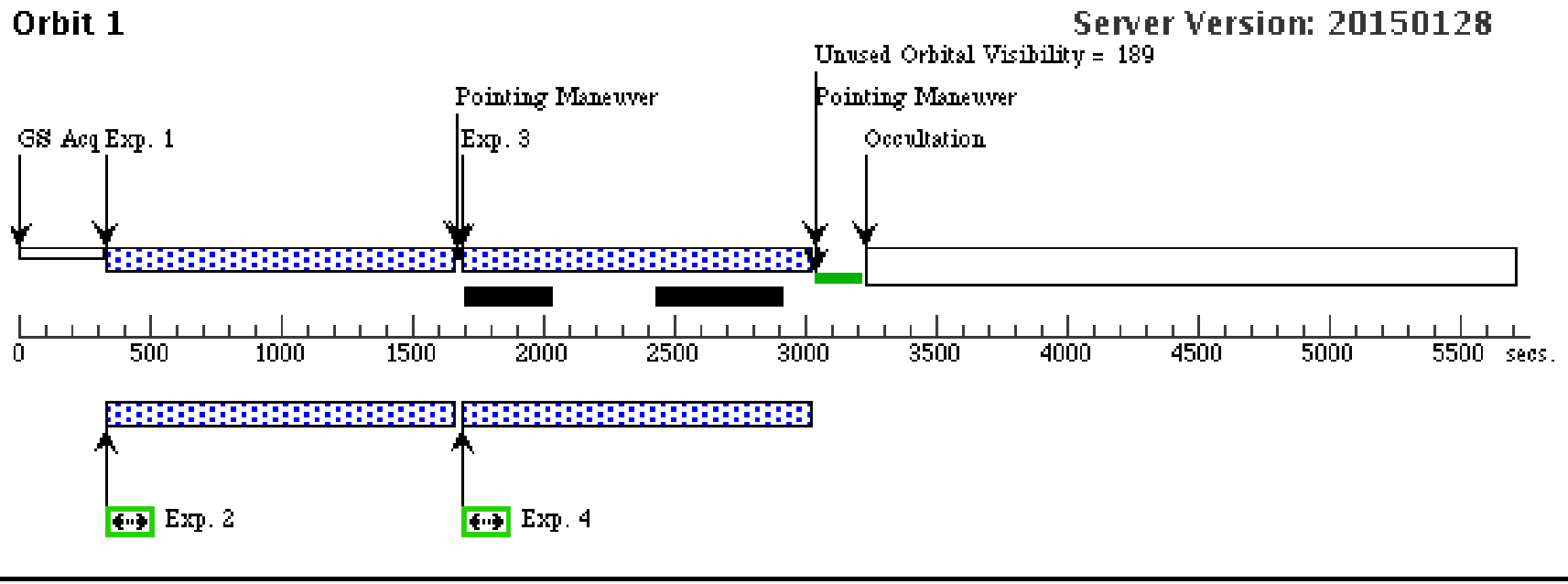
Fixed Targets

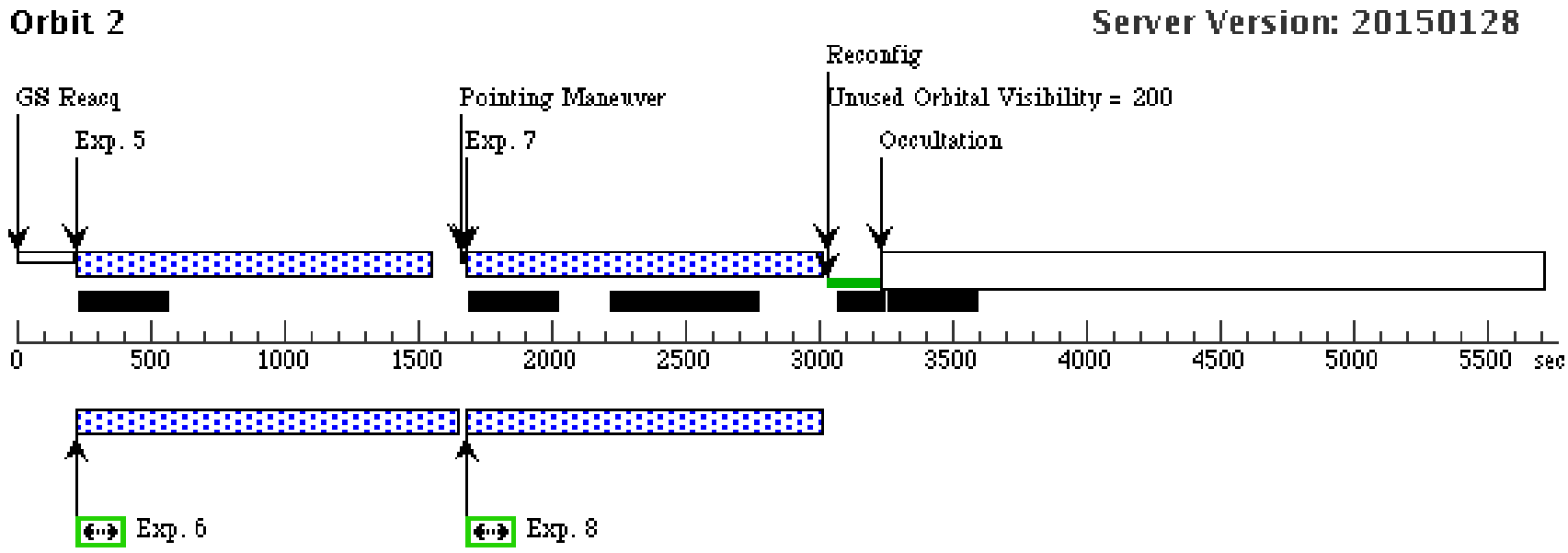
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.567,1.733; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 07	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in Visit 07	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.363,2.036	Prime + Parallel Group 3-4 in Visit 07	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in Visit 07	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.956,-1.234	Prime + Parallel Group 5-6 in Visit 07	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in Visit 07	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.753,-1.536	Prime + Parallel Group 7-8 in Visit 07	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in Visit 07	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 08 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 08, implementation Thu Apr 02 01:04:36 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

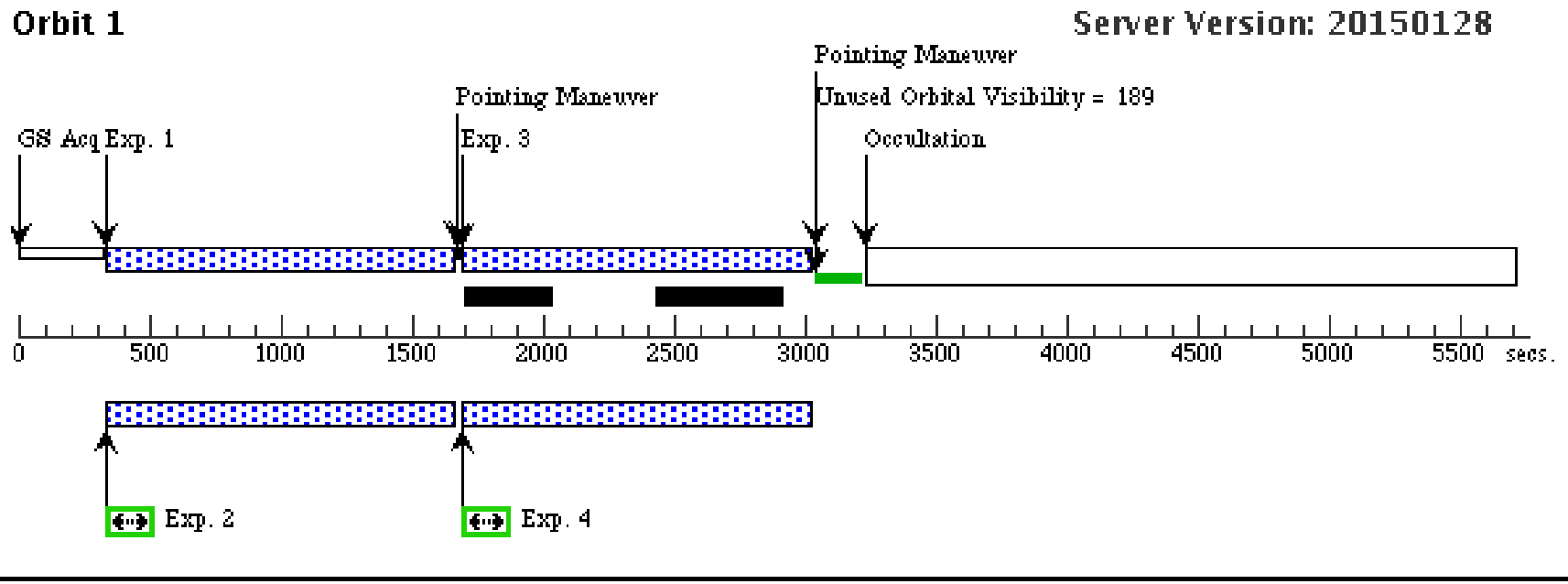
Fixed Targets

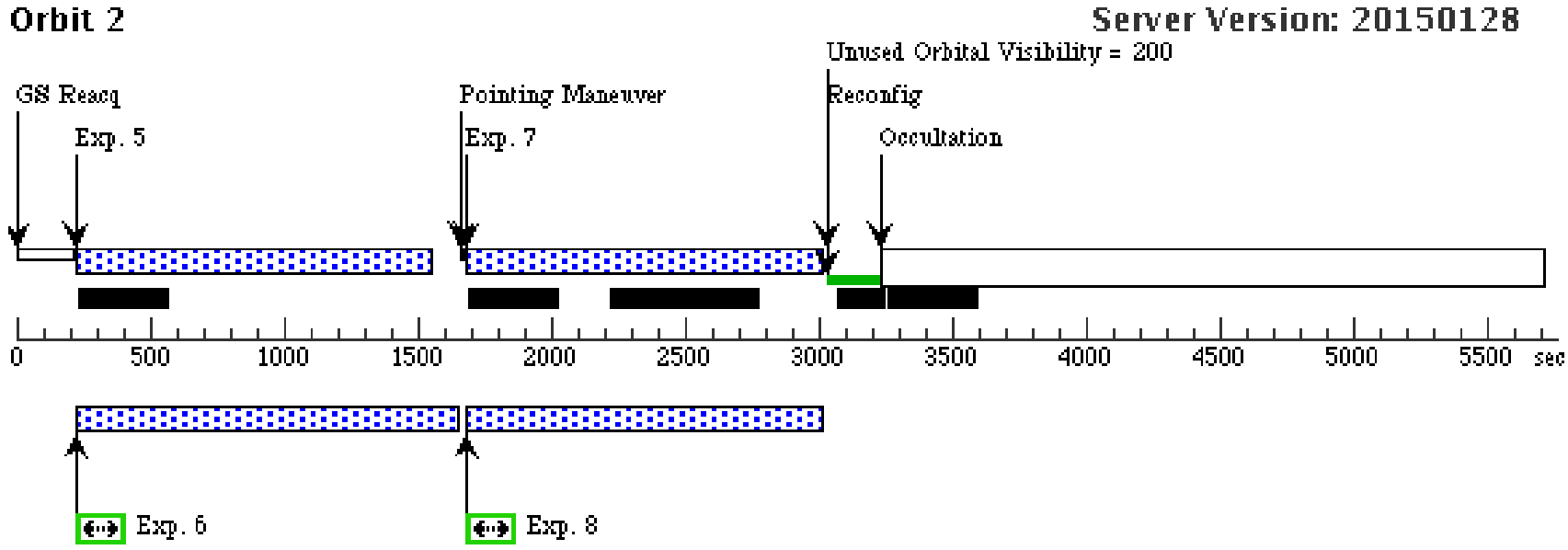
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.795,1.635; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 08	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 08	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.999,1.332	Prime + Parallel Group 3-4 in Visit 08	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 08	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.524,-1.635	Prime + Parallel Group 5-6 in Visit 08	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 08	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.321,-1.938	Prime + Parallel Group 7-8 in Visit 08	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 08	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 09 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 09, implementation Thu Apr 02 01:04:36 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

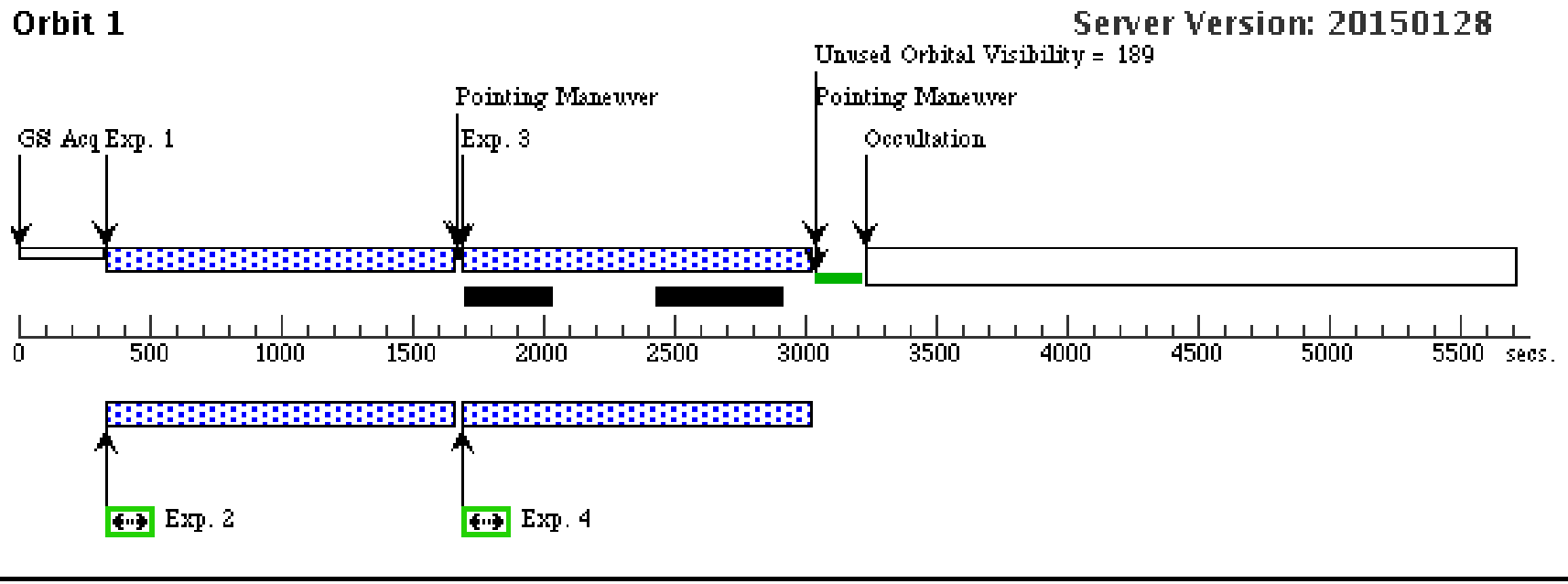
Fixed Targets

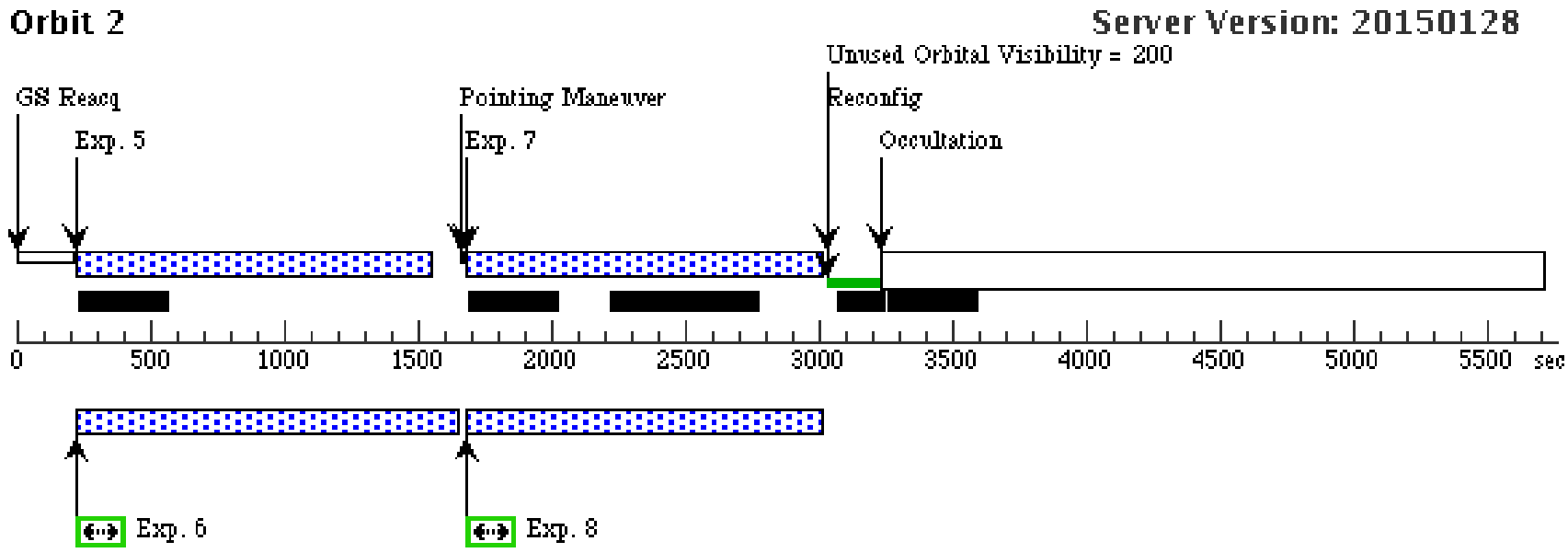
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.719,1.779; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 09	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 1-2 in Visit 09	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.516,2.081	Prime + Parallel Group 3-4 in Visit 09	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 3-4 in Visit 09	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.804,-1.188	Prime + Parallel Group 5-6 in Visit 09	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 5-6 in Visit 09	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.601,-1.491	Prime + Parallel Group 7-8 in Visit 09	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 7-8 in Visit 09	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 10 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 10, completed Thu Apr 02 01:04:36 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

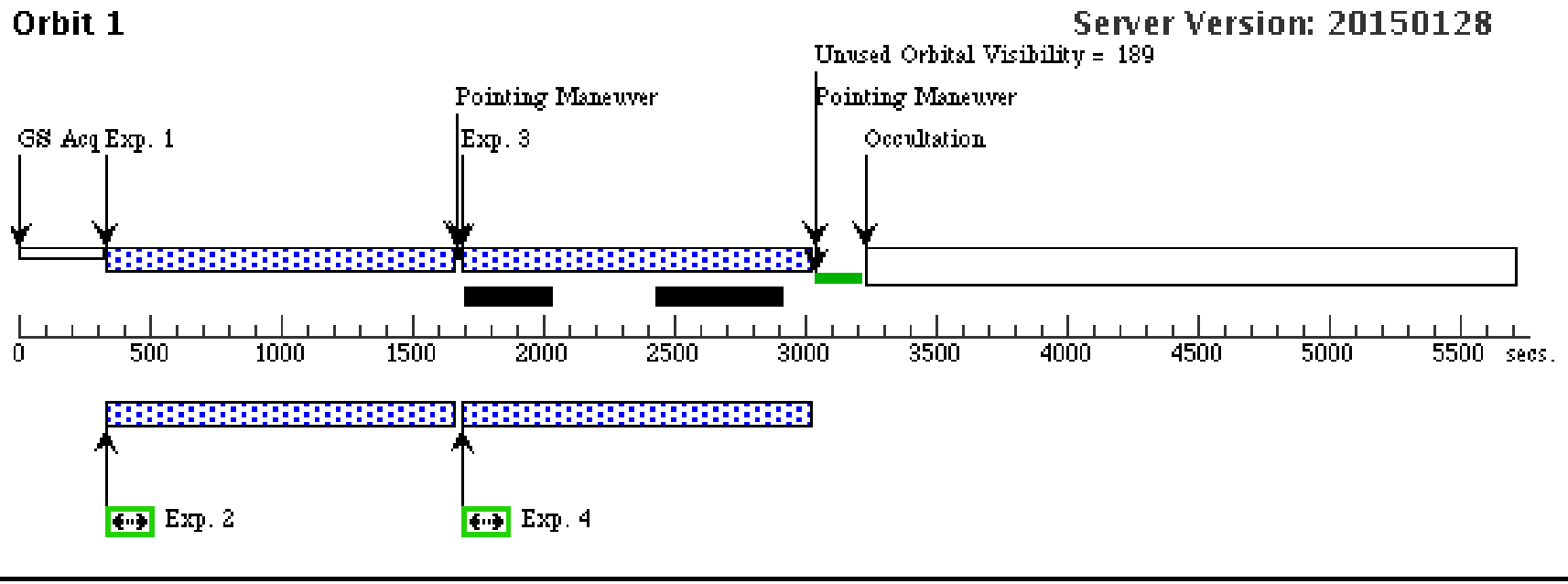
Fixed Targets

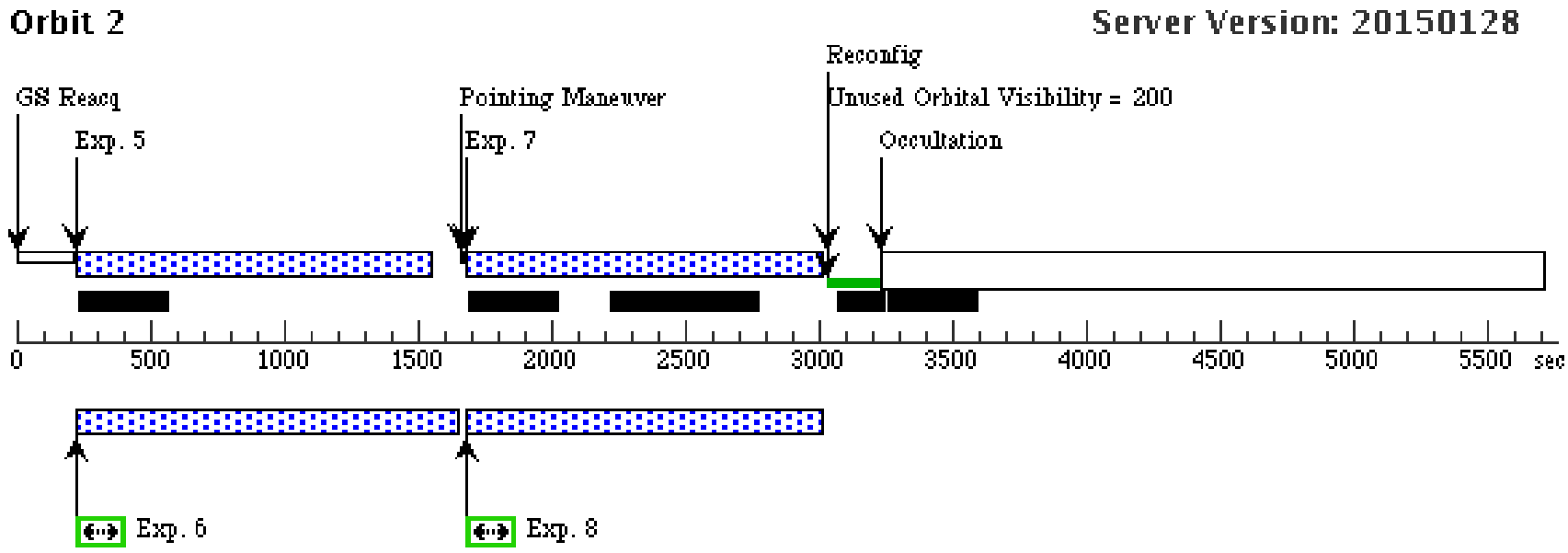
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.440,1.559; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 10	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 10	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.643,1.256	Prime + Parallel Group 3-4 in Visit 10	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 10	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.880,-1.711	Prime + Parallel Group 5-6 in Visit 10	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 10	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.677,-2.013	Prime + Parallel Group 7-8 in Visit 10	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 10	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 11, implementation Thu Apr 02 01:04:36 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

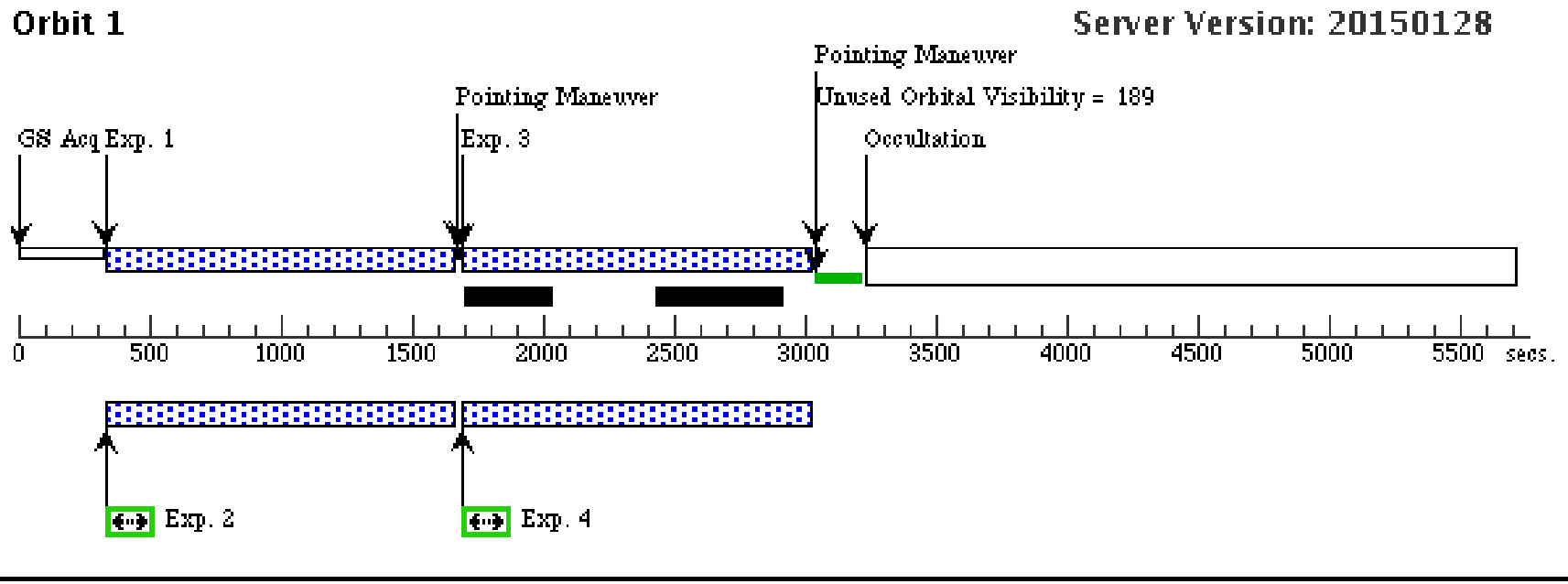
Fixed Targets

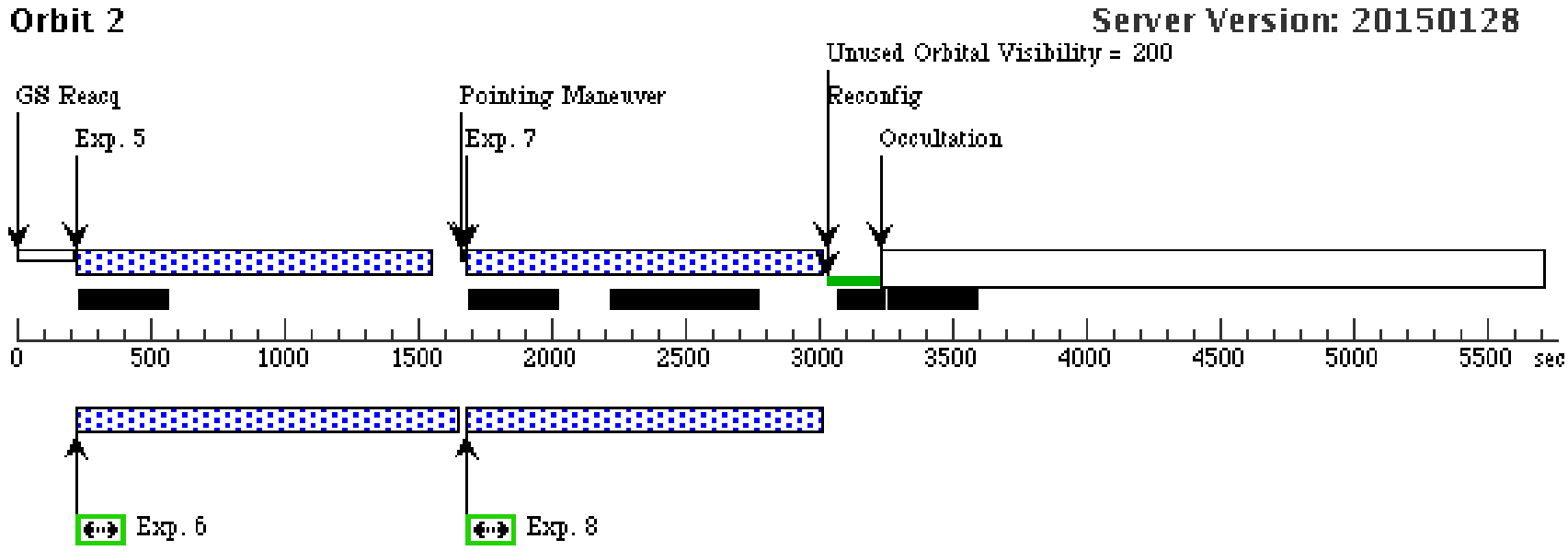
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.592,1.665; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 11	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 11	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.389,1.968	Prime + Parallel Group 3-4 in Visit 11	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 11	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.931,-1.302	Prime + Parallel Group 5-6 in Visit 11	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 11	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.728,-1.605	Prime + Parallel Group 7-8 in Visit 11	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 11	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 12 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 12, implementation Thu Apr 02 01:04:36 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

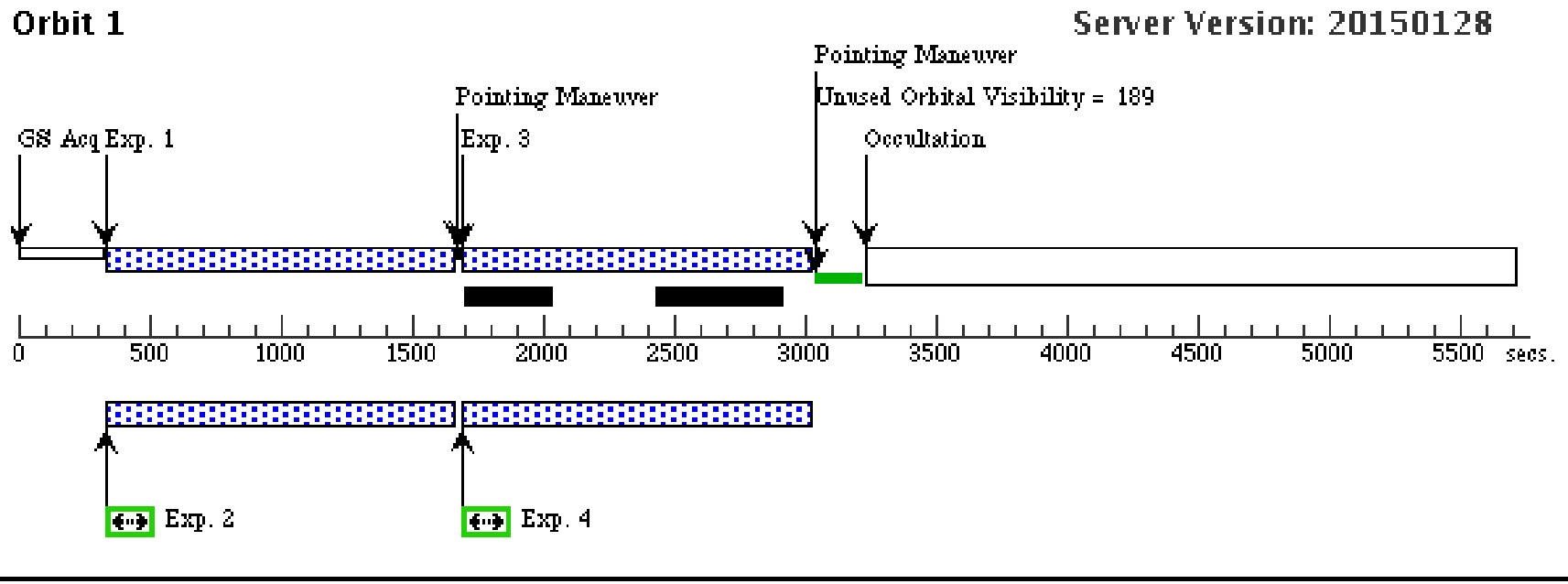
Fixed Targets

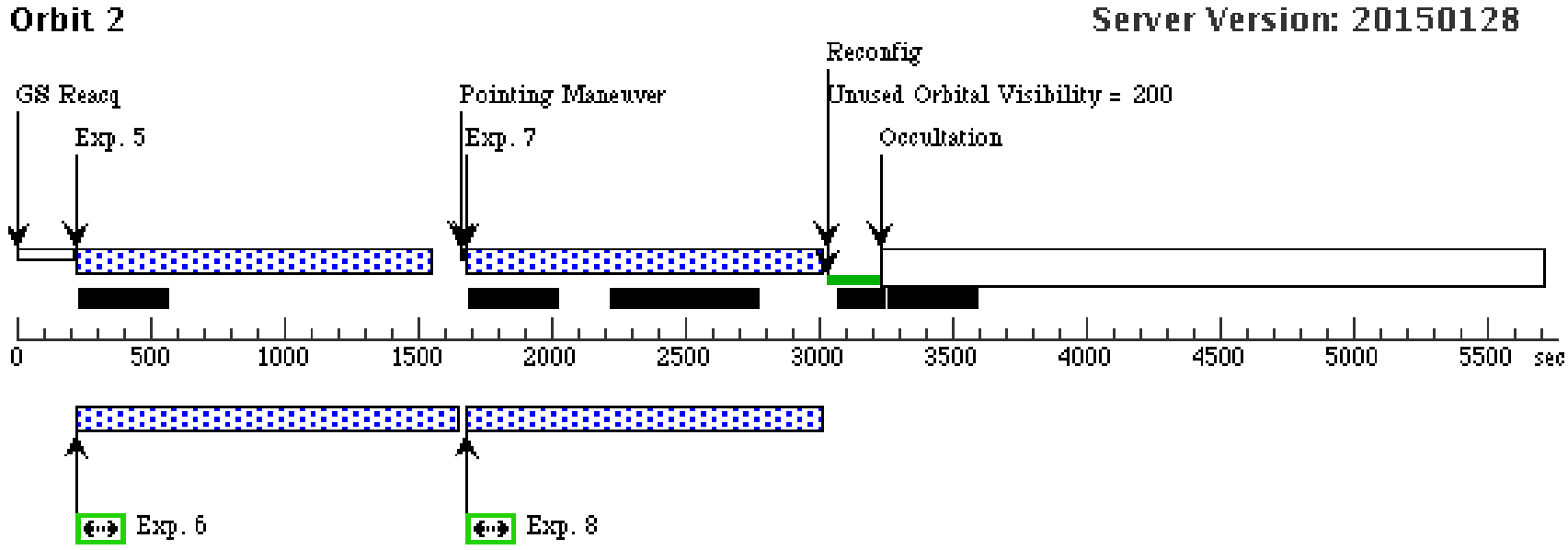
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.414,1.627; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 12	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 1-2 in Visit 12	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.618,1.325	Prime + Parallel Group 3-4 in Visit 12	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 3-4 in Visit 12	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.905,-1.642	Prime + Parallel Group 5-6 in Visit 12	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 5-6 in Visit 12	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.702,-1.945	Prime + Parallel Group 7-8 in Visit 12	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 7-8 in Visit 12	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 13, implementation Thu Apr 02 01:04:36 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

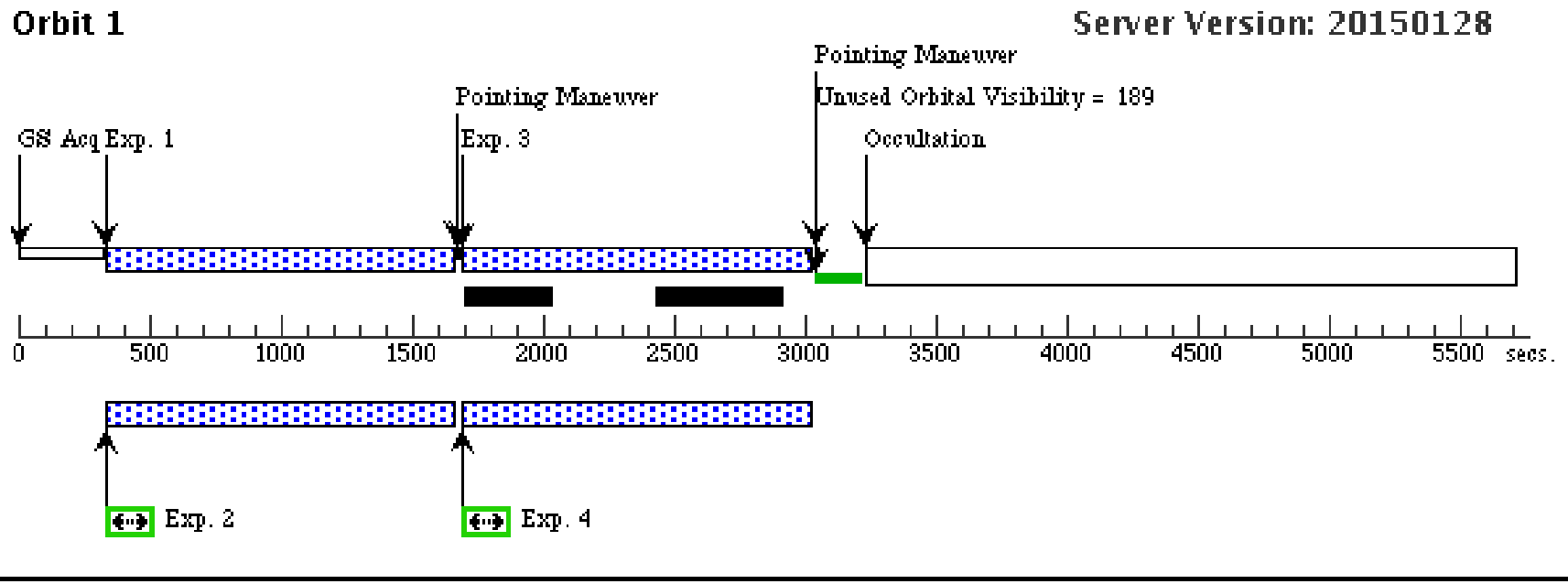
Fixed Targets

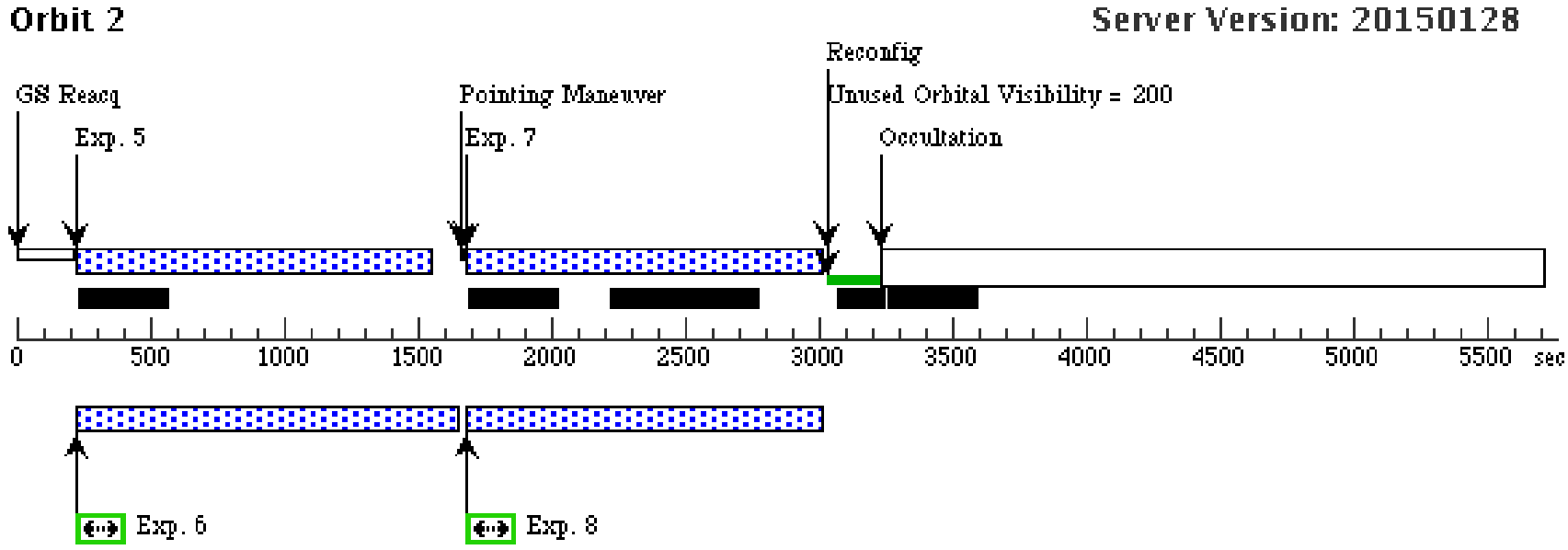
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.711,1.378; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 13	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 13	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.507,1.680	Prime + Parallel Group 3-4 in Visit 13	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 13	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.812,-1.589	Prime + Parallel Group 5-6 in Visit 13	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 13	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.609,-1.892	Prime + Parallel Group 7-8 in Visit 13	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 13	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 14 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 14, implementation Thu Apr 02 01:04:36 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

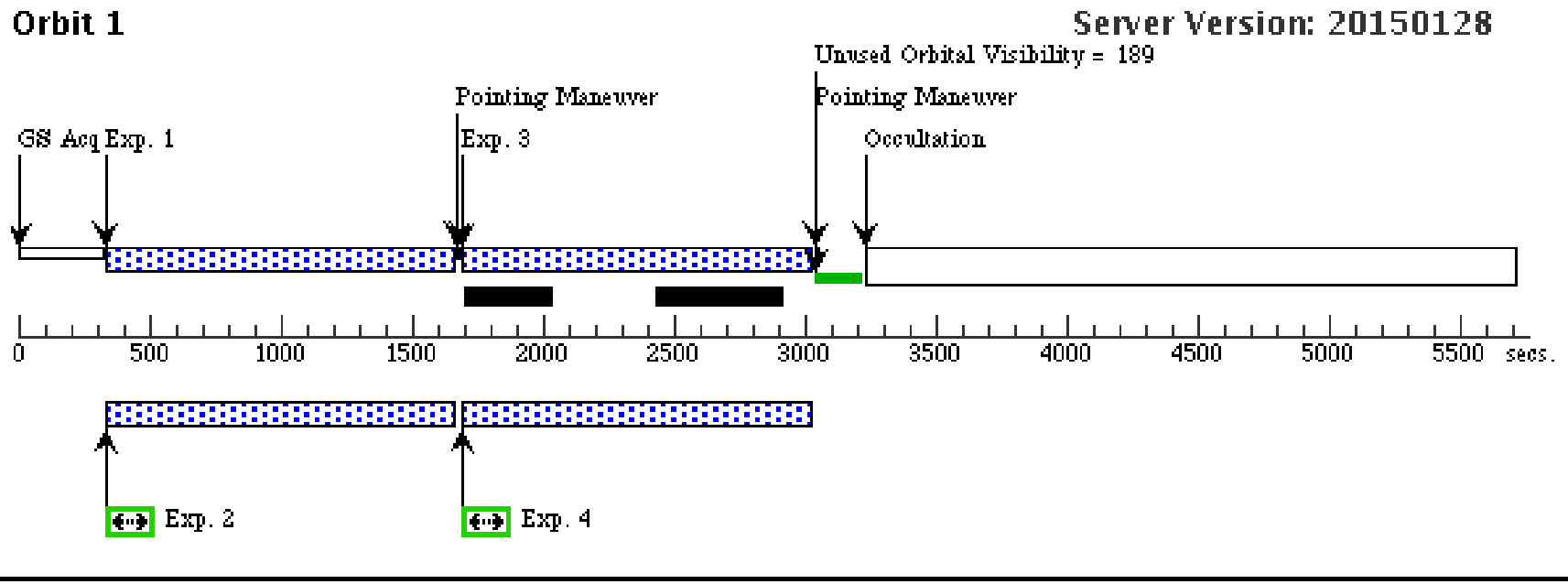
Fixed Targets

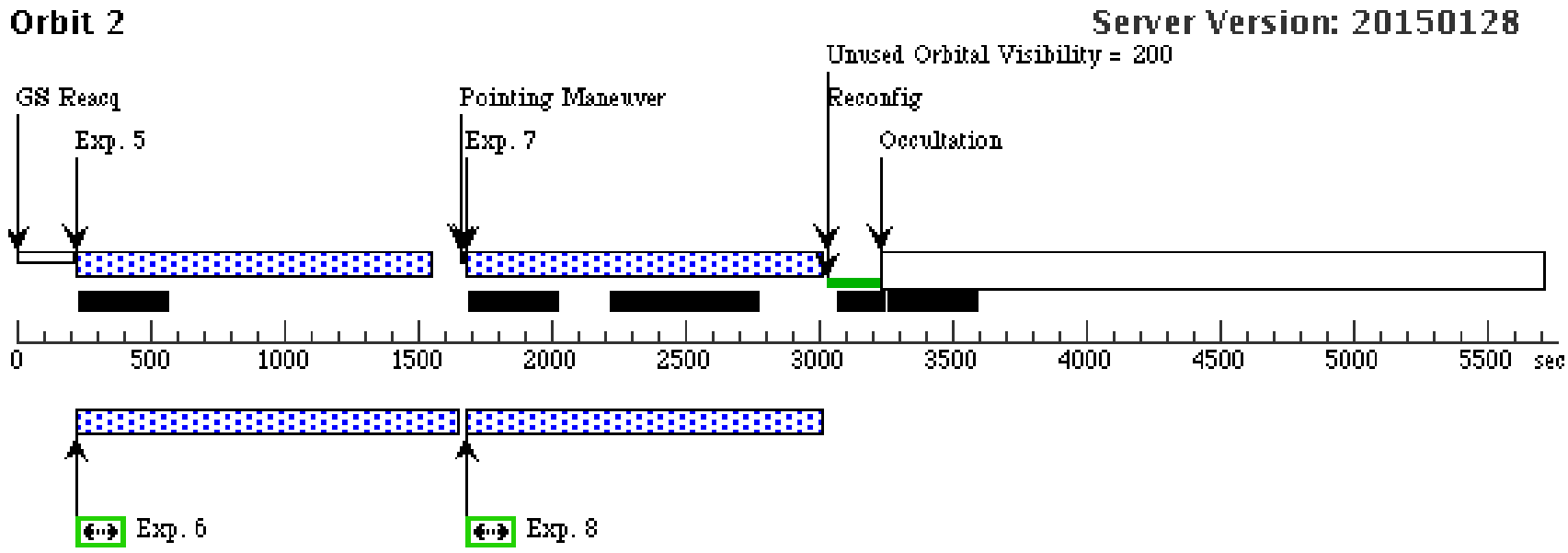
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.812,1.960; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 14	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 1-2 in Visit 14	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 2.016,1.658	Prime + Parallel Group 3-4 in Visit 14	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 3-4 in Visit 14	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.507,-1.309	Prime + Parallel Group 5-6 in Visit 14	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 5-6 in Visit 14	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.304,-1.612	Prime + Parallel Group 7-8 in Visit 14	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 7-8 in Visit 14	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 15 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 15, completed Thu Apr 02 01:04:36 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

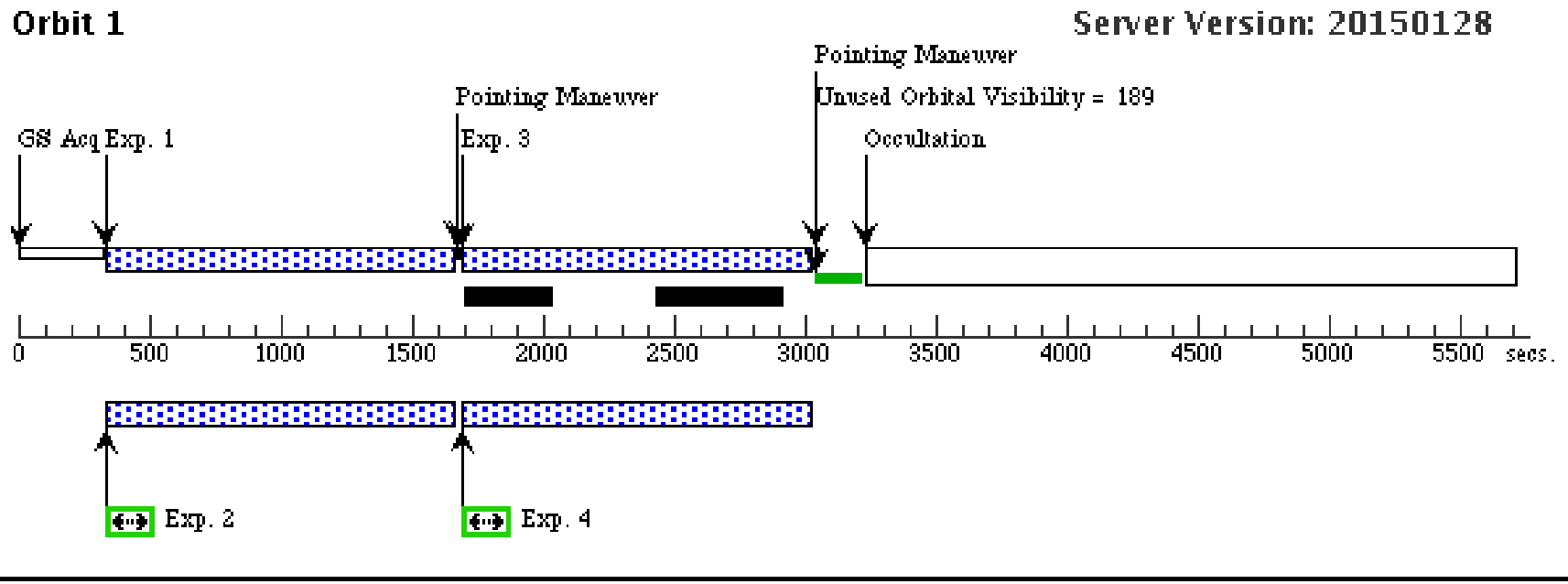
Fixed Targets

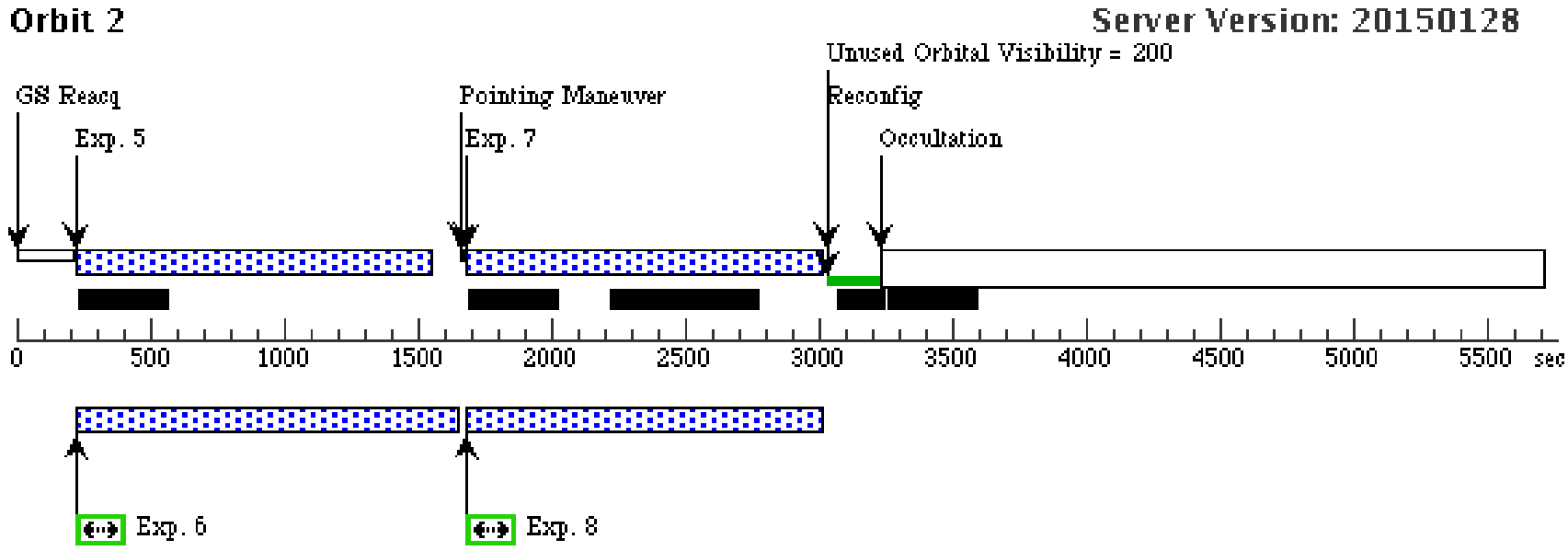
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 2.075,1.279; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 15	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 15	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.872,1.582	Prime + Parallel Group 3-4 in Visit 15	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 15	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.448,-1.688	Prime + Parallel Group 5-6 in Visit 15	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 15	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.245,-1.991	Prime + Parallel Group 7-8 in Visit 15	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 15	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 16 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 16, completed Thu Apr 02 01:04:36 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

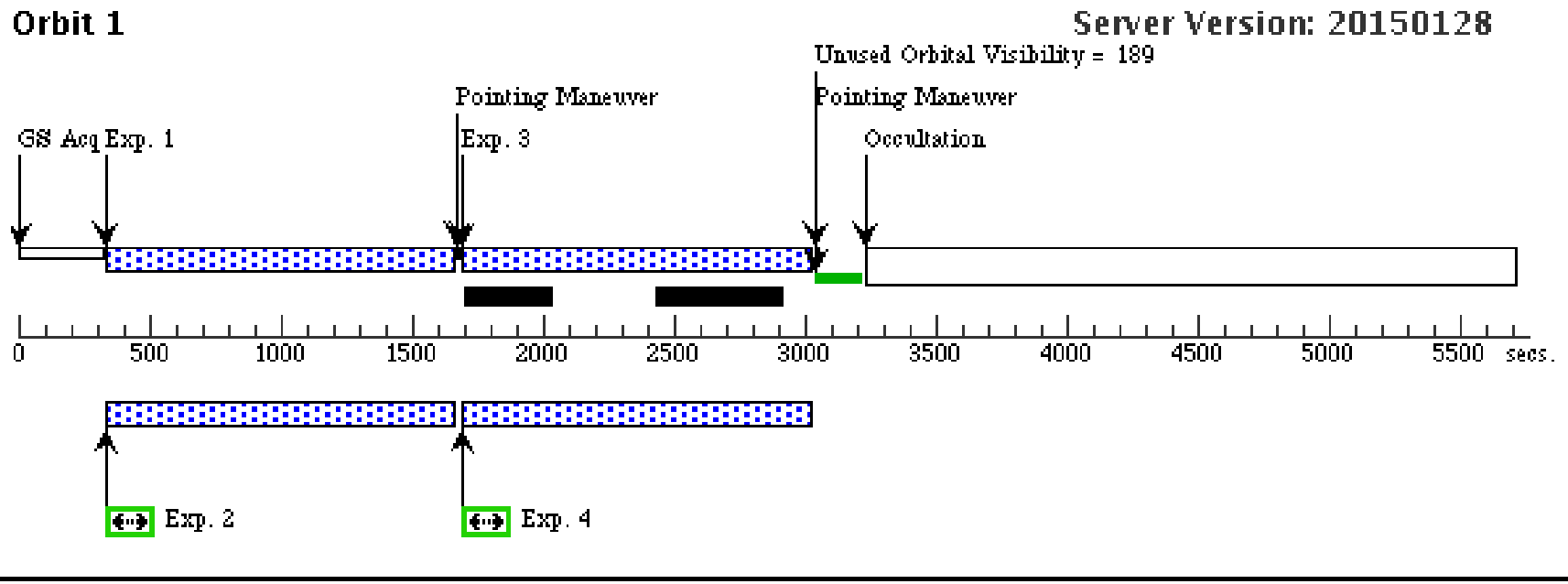
Fixed Targets

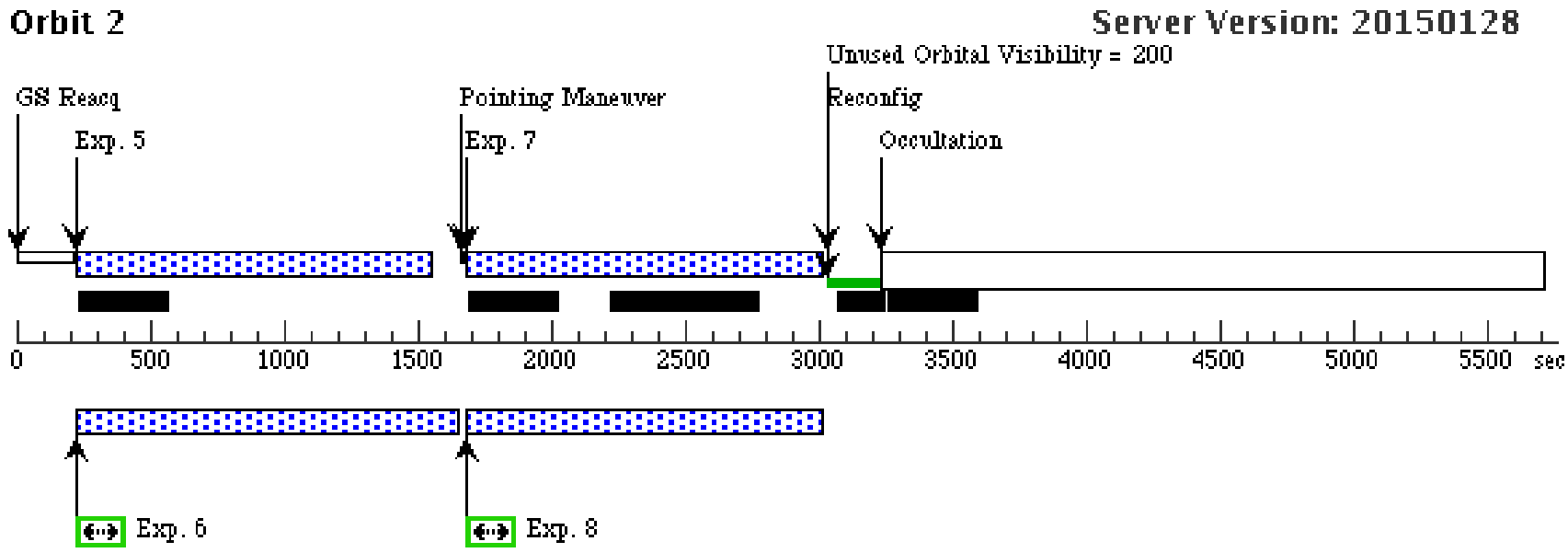
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.846,1.922; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 16	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 16	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 2.049,1.620	Prime + Parallel Group 3-4 in Visit 16	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 16	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.474,-1.347	Prime + Parallel Group 5-6 in Visit 16	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 16	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.270,-1.650	Prime + Parallel Group 7-8 in Visit 16	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 16	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 17 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 17, implementation Thu Apr 02 01:04:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

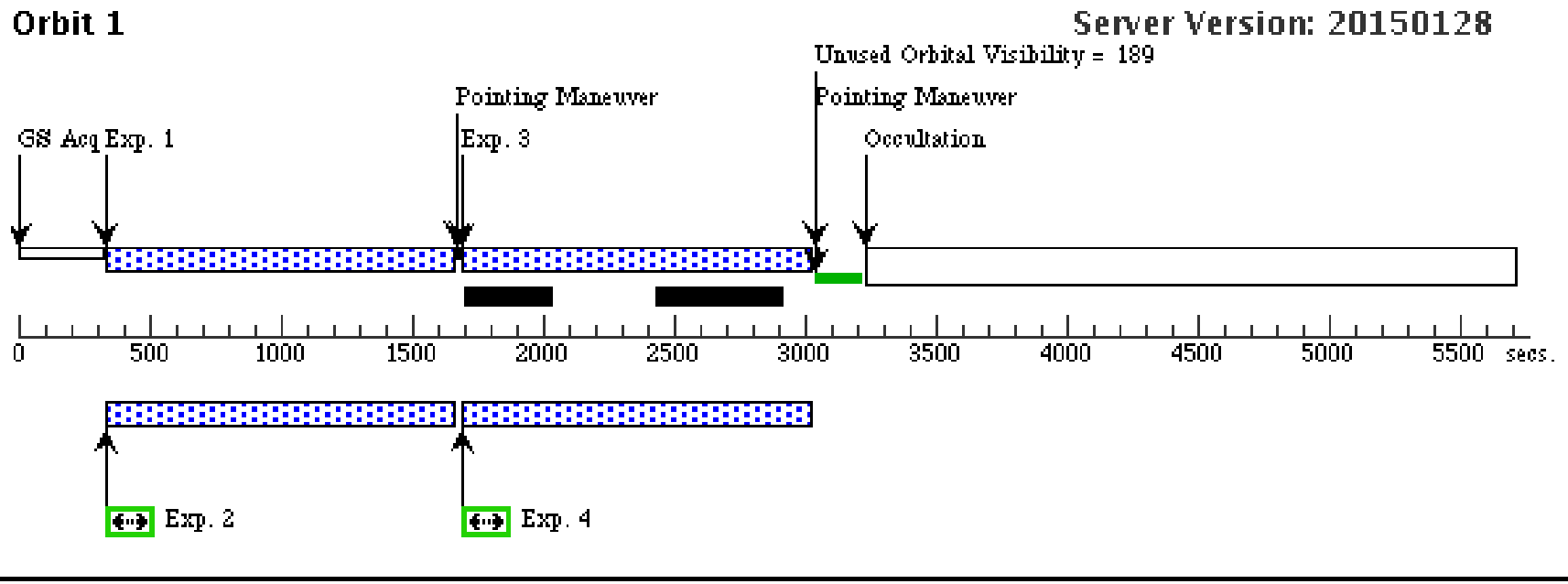
Fixed Targets

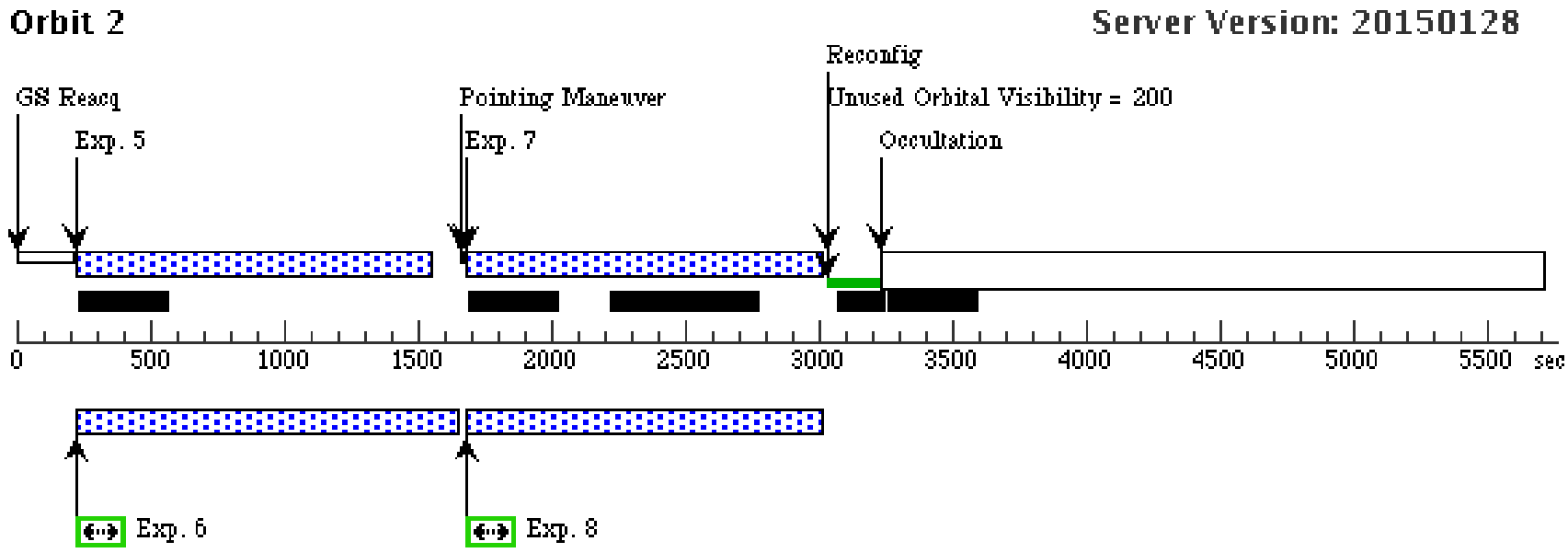
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.516,1.234; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 17	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in Visit 17	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.313,1.536	Prime + Parallel Group 3-4 in Visit 17	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in Visit 17	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -2.007,-1.733	Prime + Parallel Group 5-6 in Visit 17	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in Visit 17	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.804,-2.036	Prime + Parallel Group 7-8 in Visit 17	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in Visit 17	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 18, implementation Thu Apr 02 01:04:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

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

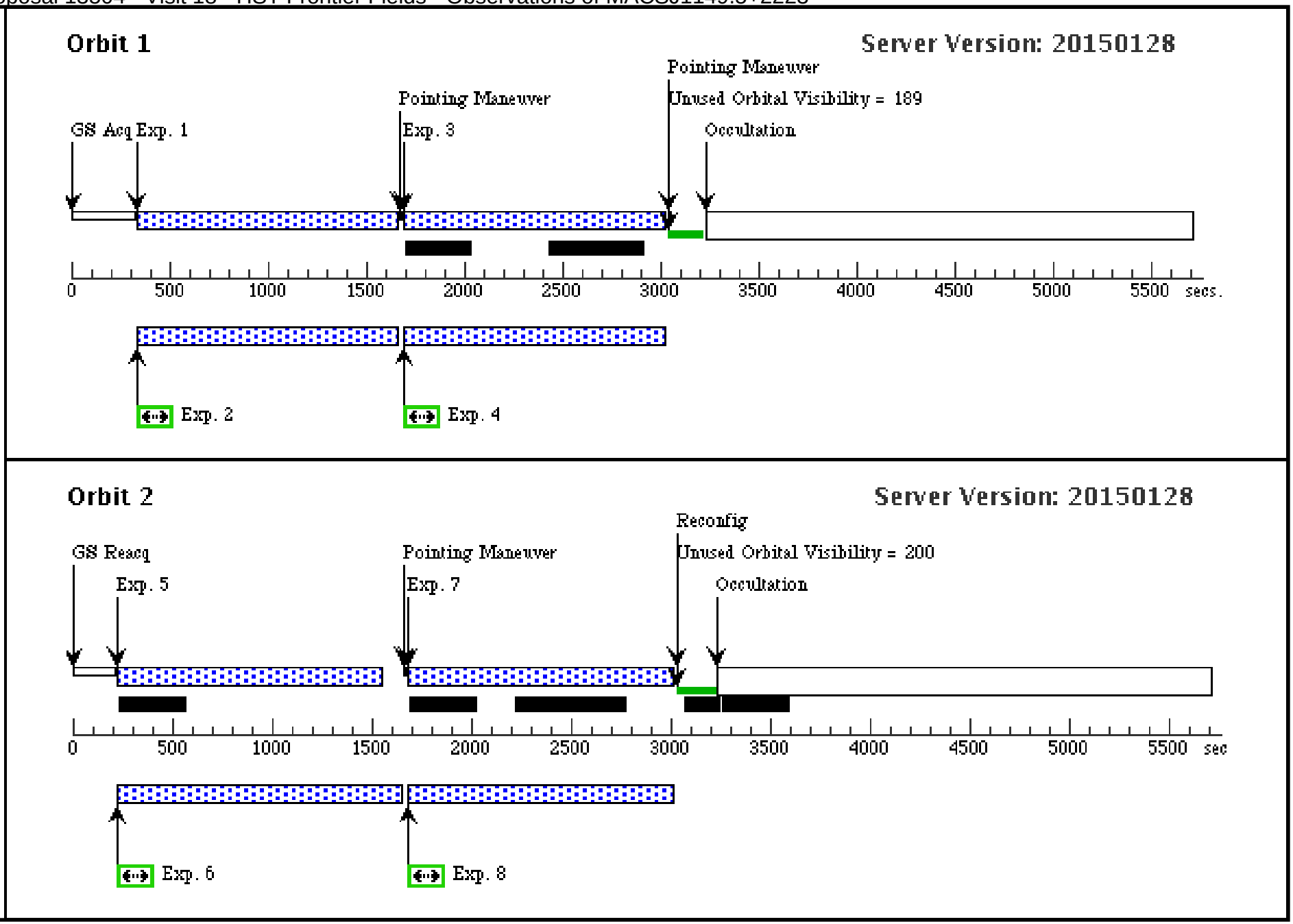
Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.897,2.059; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 18	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 18	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 2.100,1.756	Prime + Parallel Group 3-4 in Visit 18	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 18	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.423,-1.211	Prime + Parallel Group 5-6 in Visit 18	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 18	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.220,-1.514	Prime + Parallel Group 7-8 in Visit 18	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 18	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure



Proposal 13504 - Visit 19 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 19, implementation Thu Apr 02 01:04:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 19) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

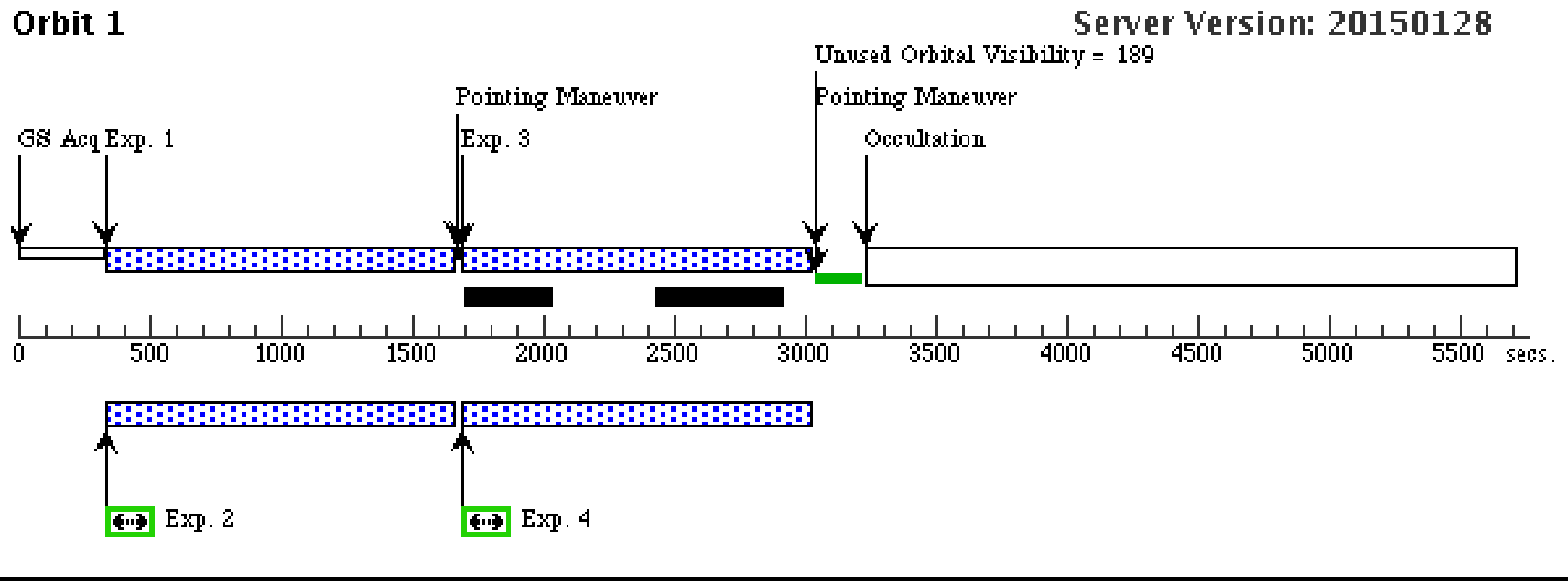
Fixed Targets

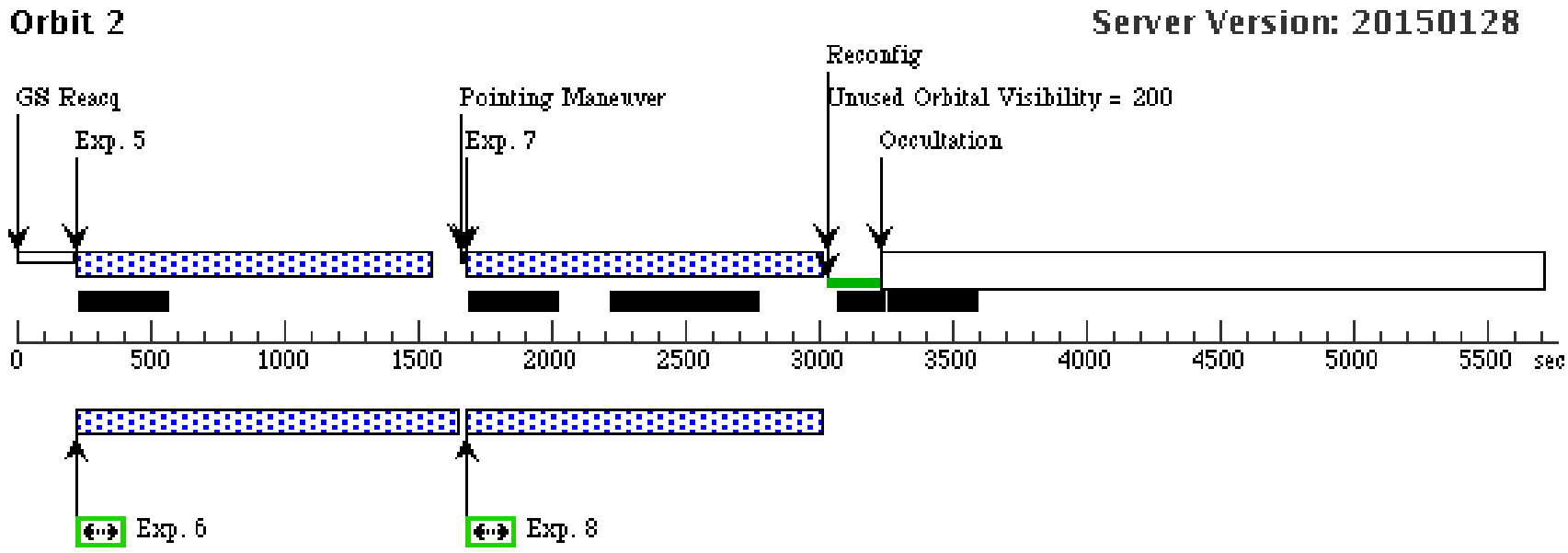
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.821,1.143; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 19	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 1-2 in Visit 19	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.618,1.446	Prime + Parallel Group 3-4 in Visit 19	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 3-4 in Visit 19	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.702,-1.824	Prime + Parallel Group 5-6 in Visit 19	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 5-6 in Visit 19	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.499,-2.127	Prime + Parallel Group 7-8 in Visit 19	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 7-8 in Visit 19	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 20 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 20, completed Thu Apr 02 01:04:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 20) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

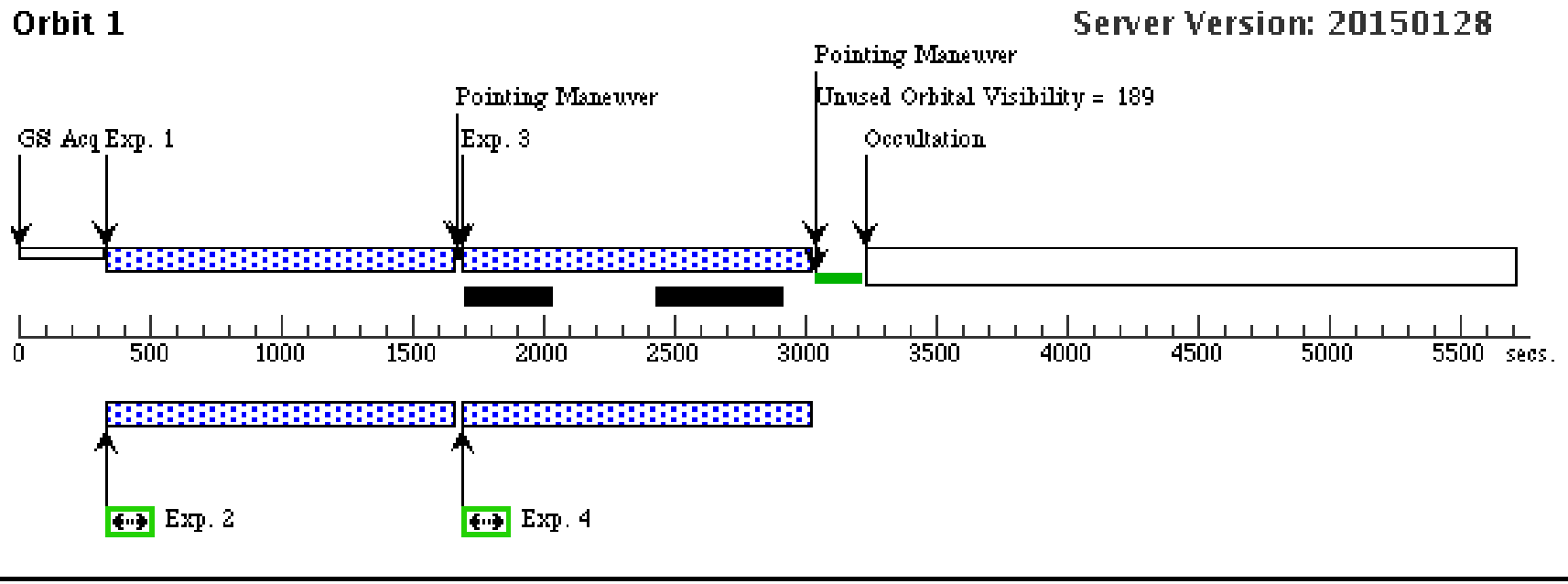
Fixed Targets

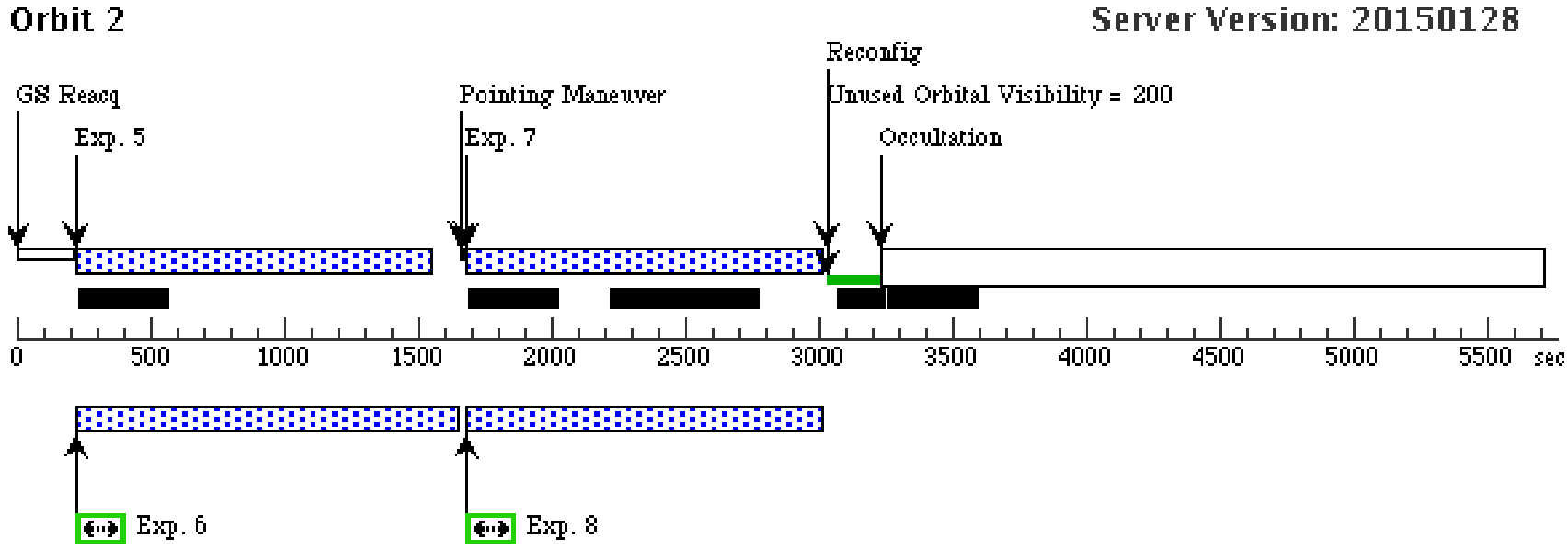
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.643,1.741; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 20	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 20	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.846,1.438	Prime + Parallel Group 3-4 in Visit 20	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 20	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.677,-1.529	Prime + Parallel Group 5-6 in Visit 20	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 20	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.474,-1.832	Prime + Parallel Group 7-8 in Visit 20	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 20	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 21, implementation Thu Apr 02 01:04:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 21) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

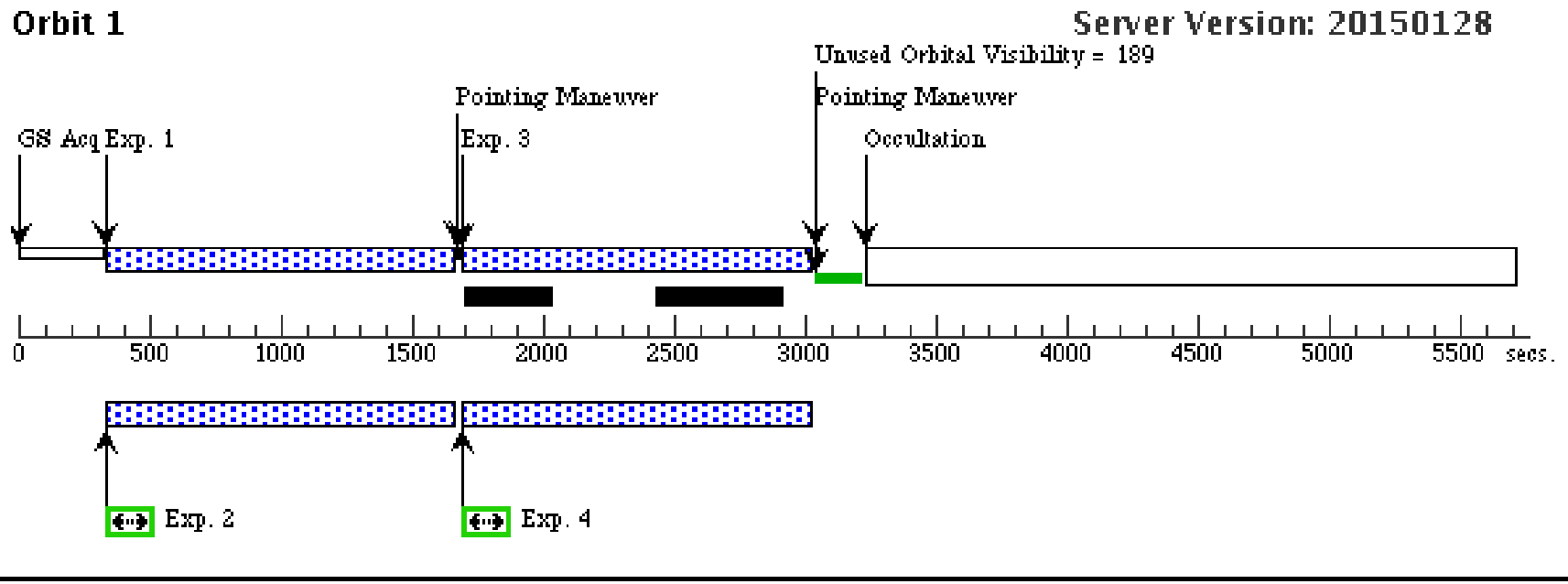
Fixed Targets

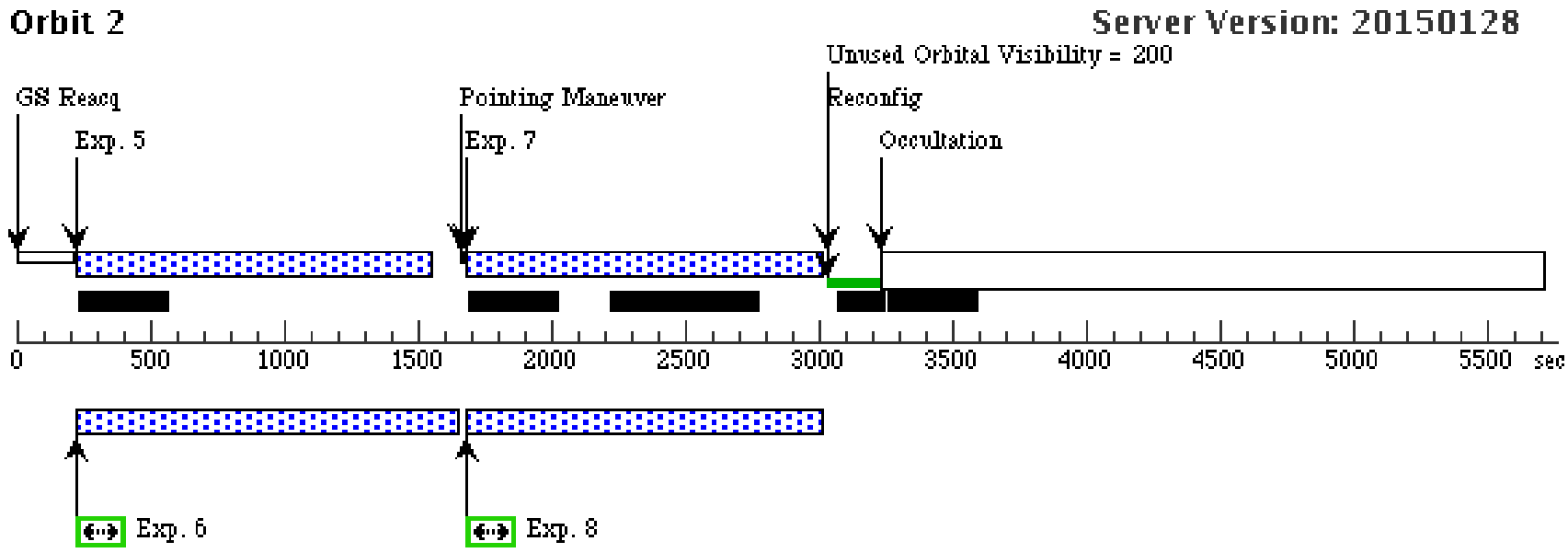
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.897,1.211; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 21	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 21	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.694,1.514	Prime + Parallel Group 3-4 in Visit 21	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 21	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.626,-1.756	Prime + Parallel Group 5-6 in Visit 21	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 21	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.423,-2.059	Prime + Parallel Group 7-8 in Visit 21	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 21	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 22 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 22, implementation Thu Apr 02 01:04:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 22) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

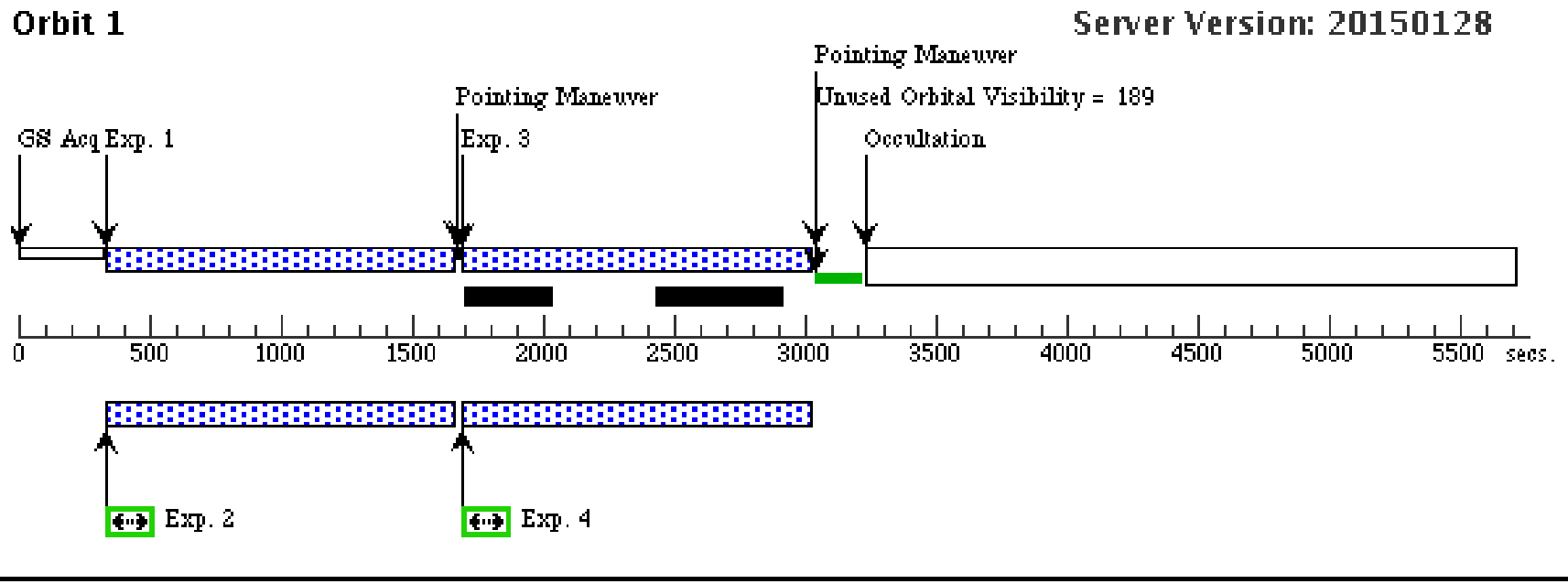
Fixed Targets

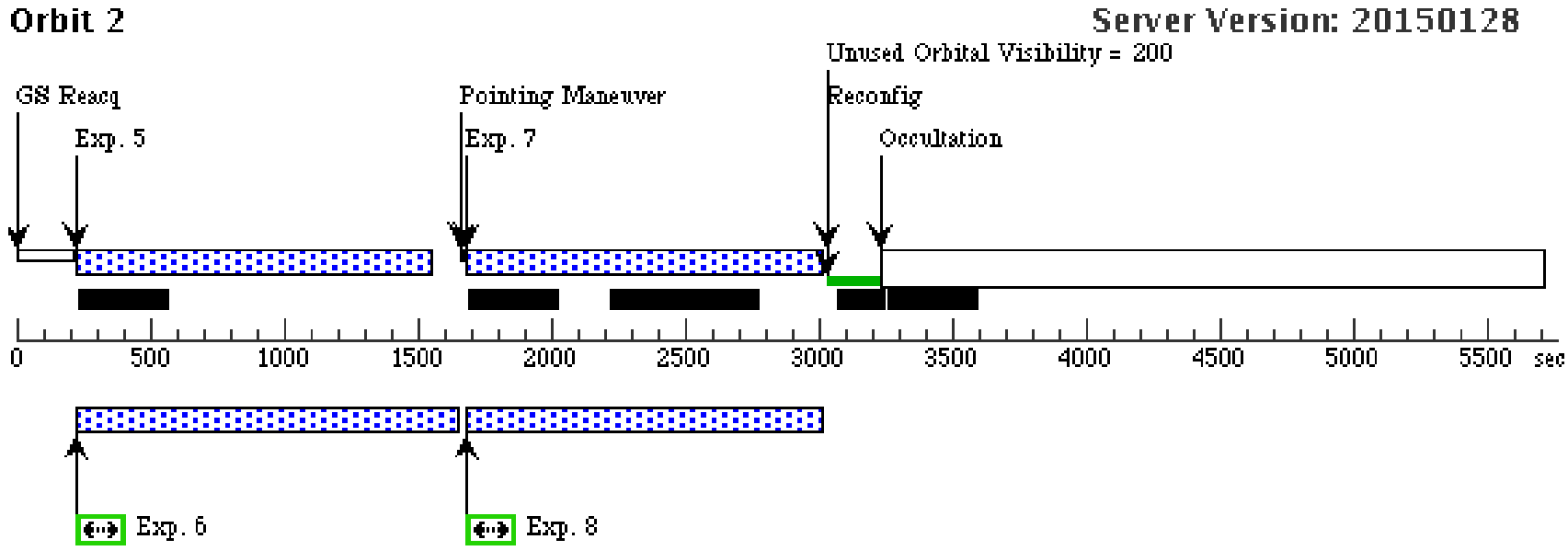
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.211,1.809; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 22	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 1-2 in Visit 22	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.414,1.506	Prime + Parallel Group 3-4 in Visit 22	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 3-4 in Visit 22	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -2.109,-1.461	Prime + Parallel Group 5-6 in Visit 22	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 5-6 in Visit 22	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.905,-1.764	Prime + Parallel Group 7-8 in Visit 22	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 7-8 in Visit 22	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 23, implementation Thu Apr 02 01:04:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 23) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

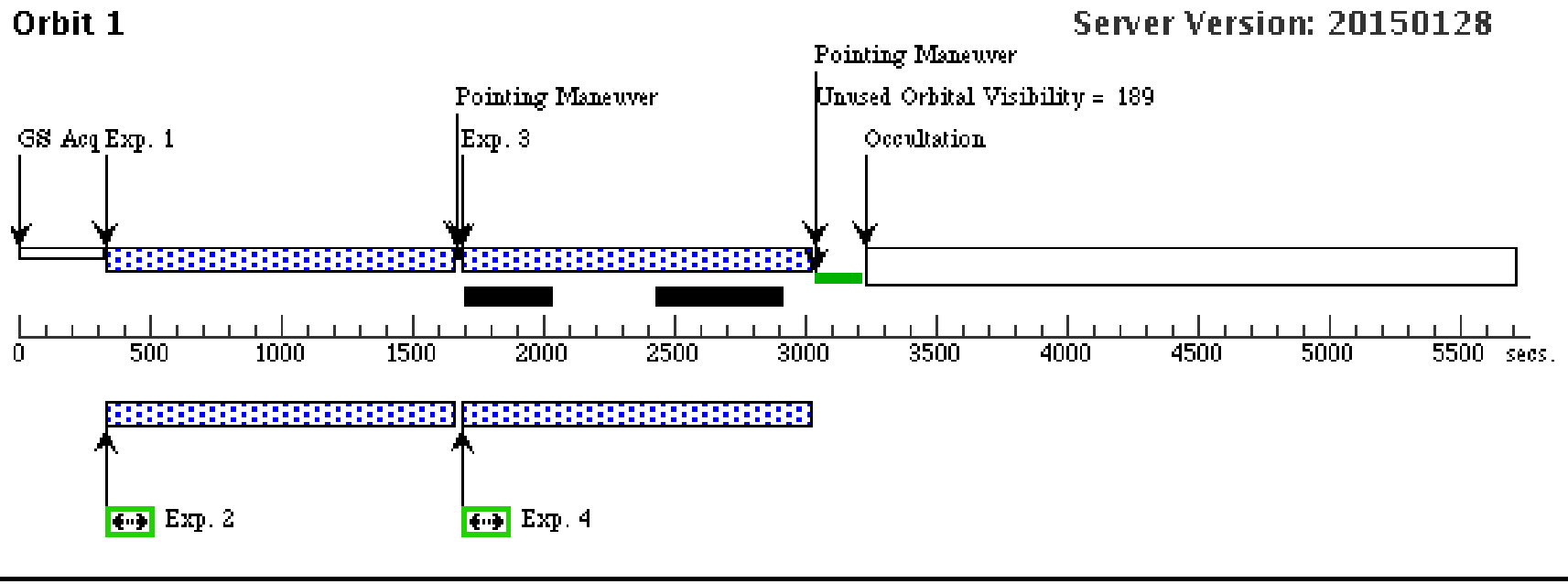
Fixed Targets

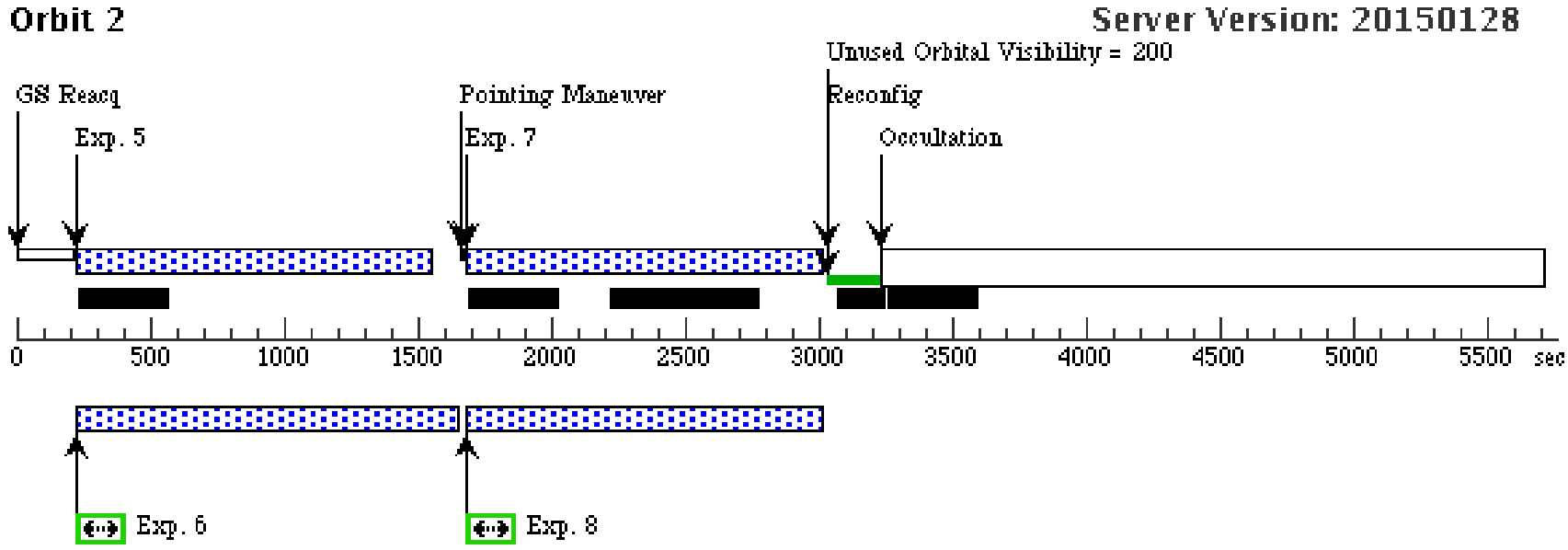
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.491,1.574; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 23	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 23	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.287,1.877	Prime + Parallel Group 3-4 in Visit 23	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 23	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -2.033,-1.393	Prime + Parallel Group 5-6 in Visit 23	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 23	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.829,-1.695	Prime + Parallel Group 7-8 in Visit 23	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 23	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 24 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 24, implementation Thu Apr 02 01:04:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 24) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

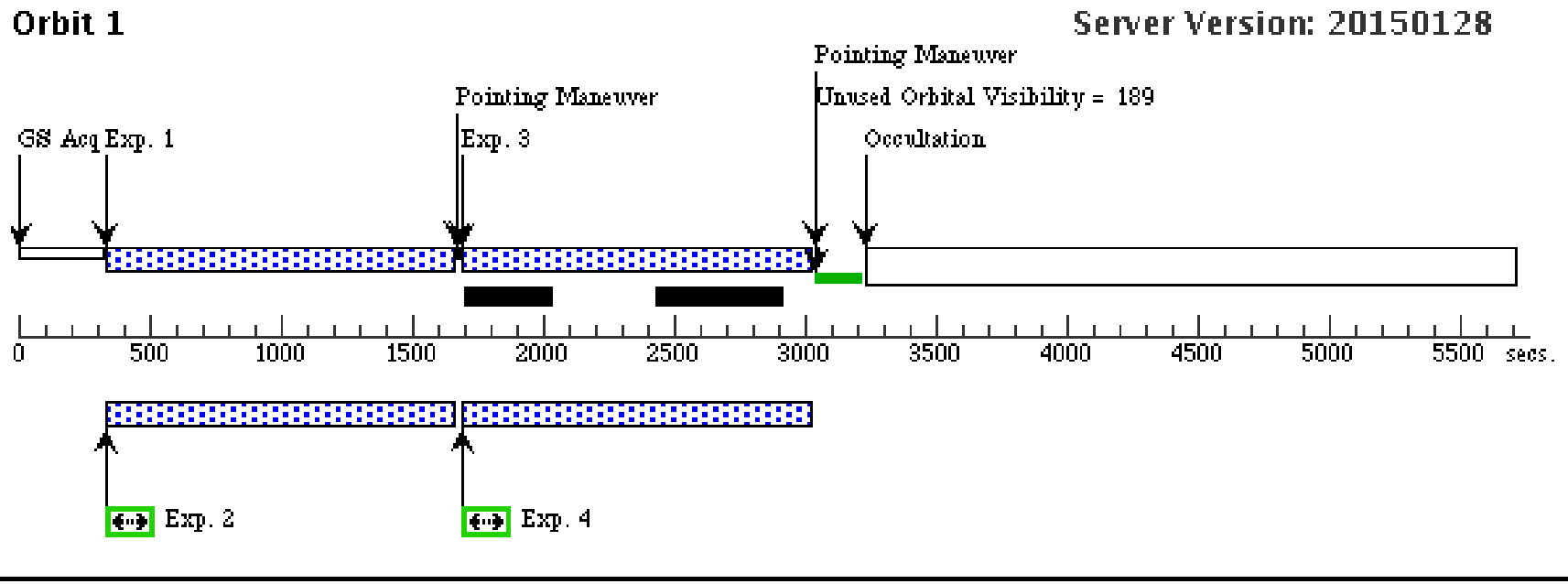
Fixed Targets

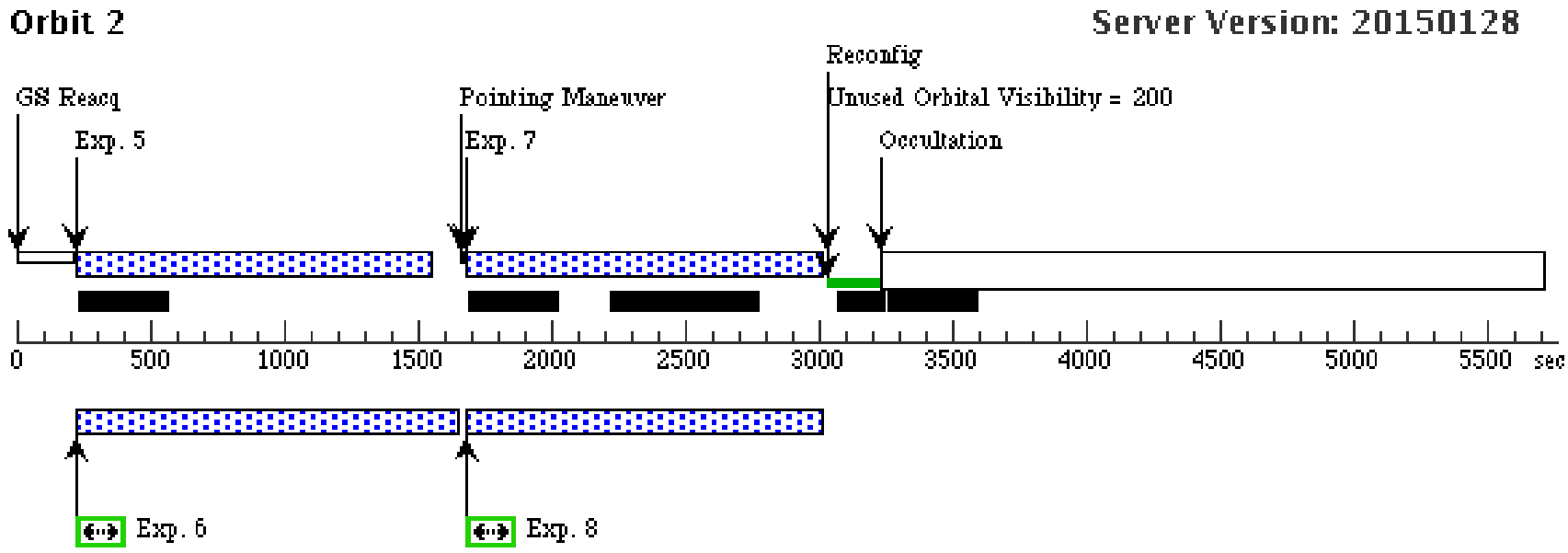
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.224,1.616; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 24	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 1-2 in Visit 24	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.427,1.313	Prime + Parallel Group 3-4 in Visit 24	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 3-4 in Visit 24	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -2.096,-1.654	Prime + Parallel Group 5-6 in Visit 24	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 5-6 in Visit 24	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.893,-1.957	Prime + Parallel Group 7-8 in Visit 24	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 7-8 in Visit 24	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 25, completed Thu Apr 02 01:04:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 25) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

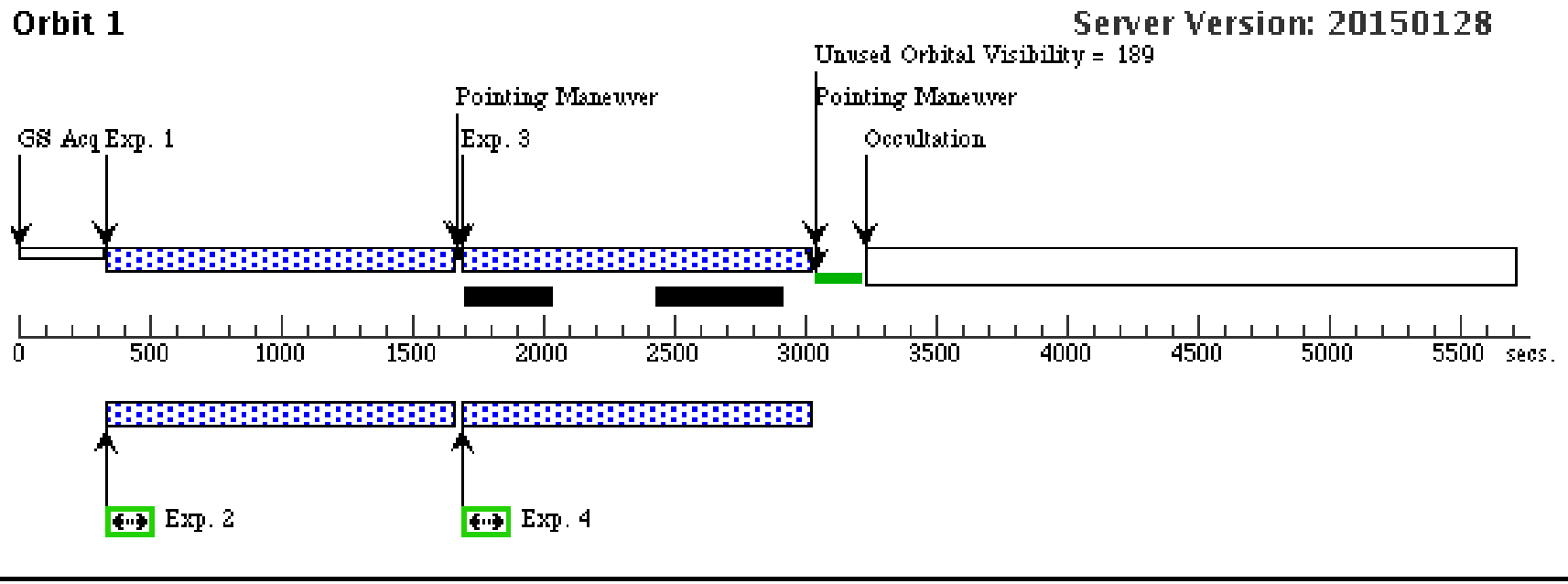
Fixed Targets

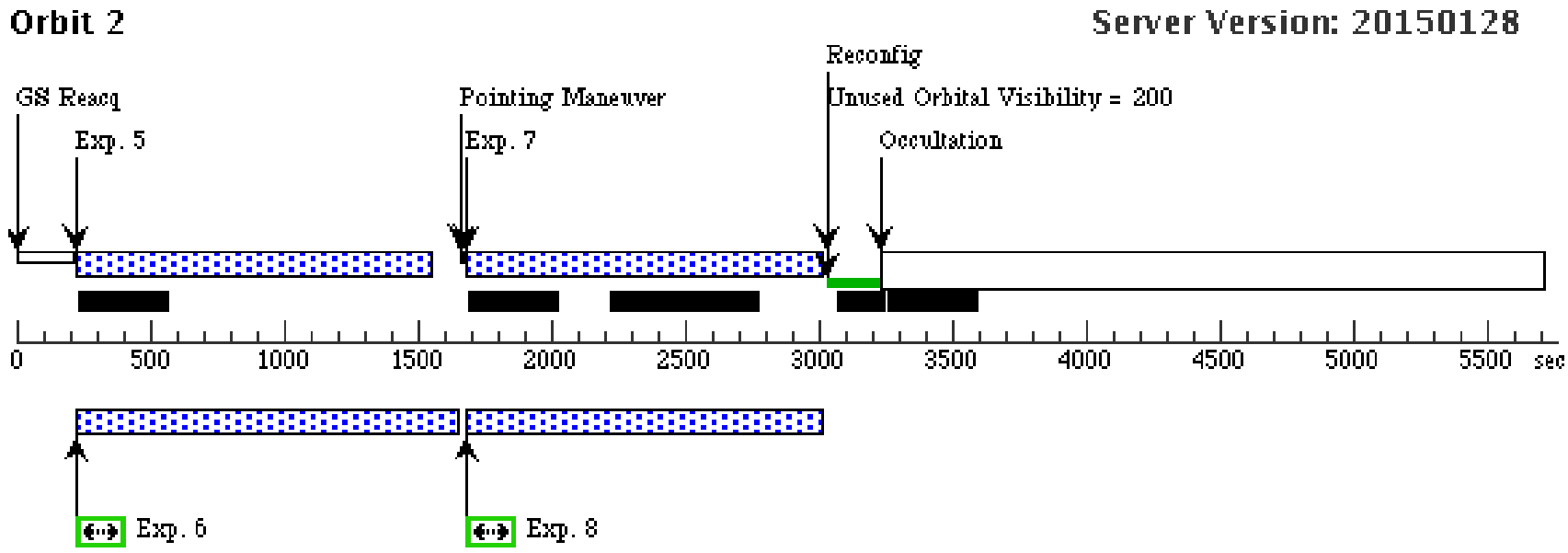
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.668,1.642; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 25	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 25	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.465,1.945	Prime + Parallel Group 3-4 in Visit 25	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 25	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.855,-1.325	Prime + Parallel Group 5-6 in Visit 25	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 25	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.651,-1.627	Prime + Parallel Group 7-8 in Visit 25	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 25	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 26, implementation Thu Apr 02 01:04:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 26) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

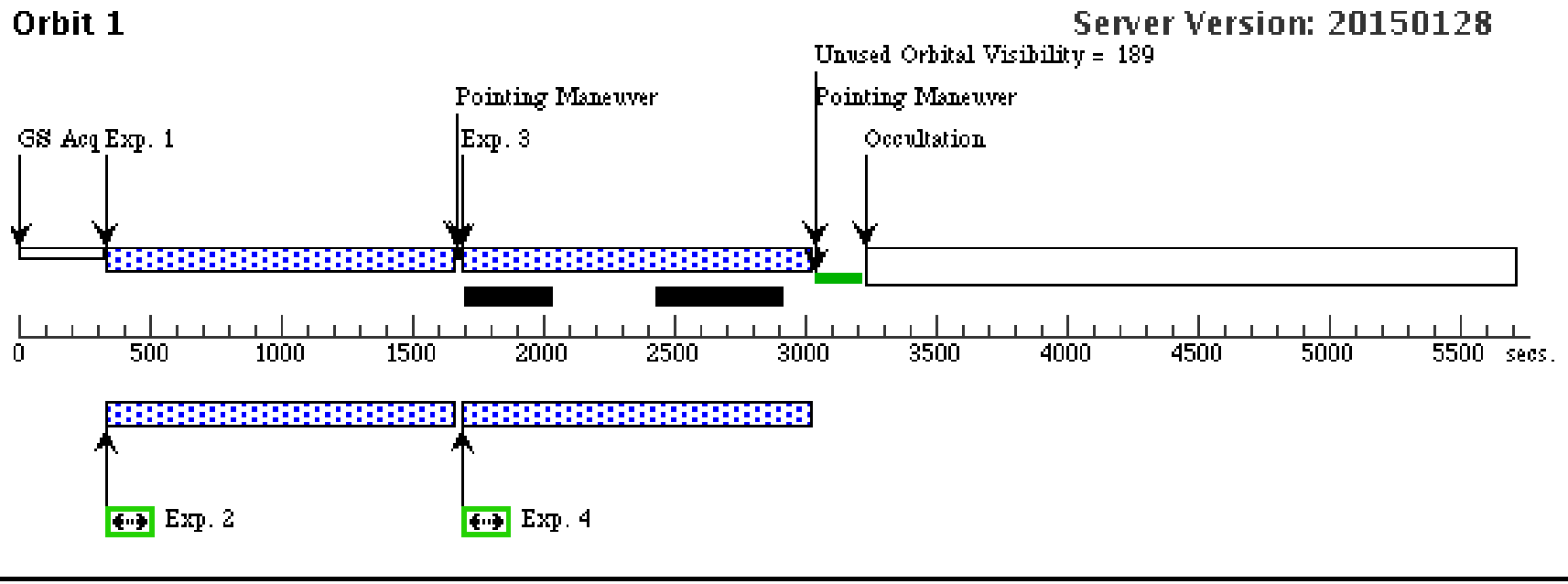
Fixed Targets

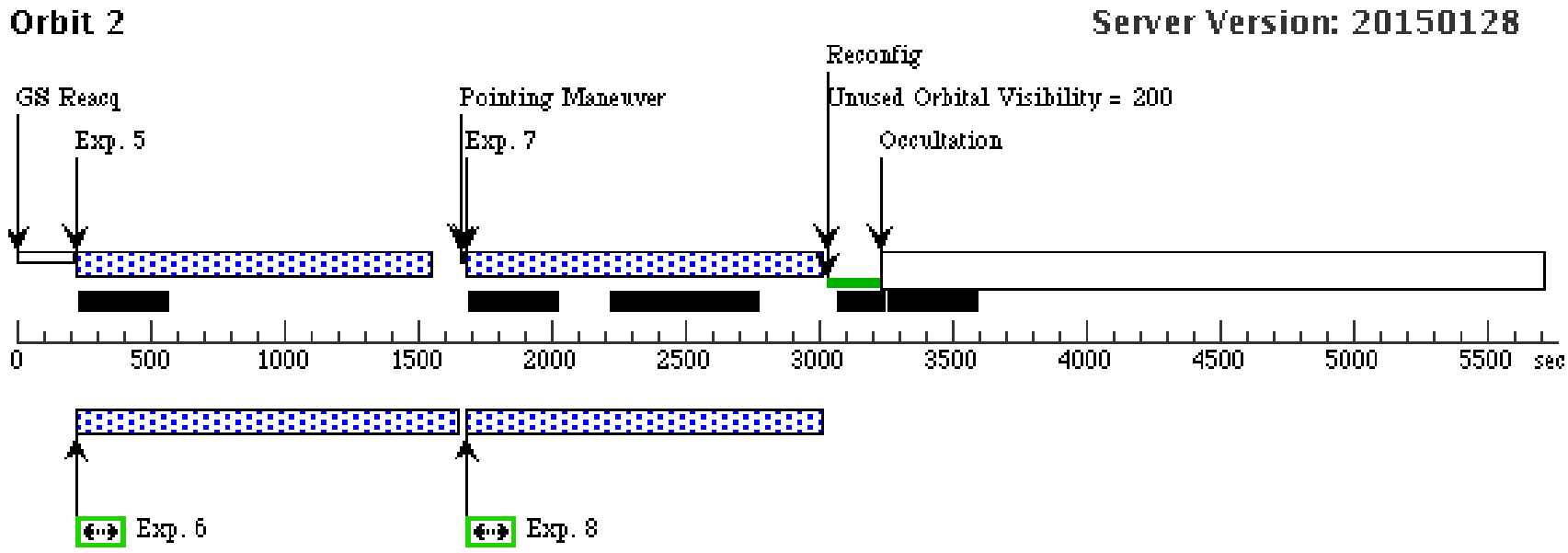
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.338,1.650; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 26	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 26	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.541,1.347	Prime + Parallel Group 3-4 in Visit 26	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 26	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.982,-1.620	Prime + Parallel Group 5-6 in Visit 26	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 26	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.778,-1.922	Prime + Parallel Group 7-8 in Visit 26	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 26	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 27 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 27, implementation Thu Apr 02 01:04:37 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 27) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

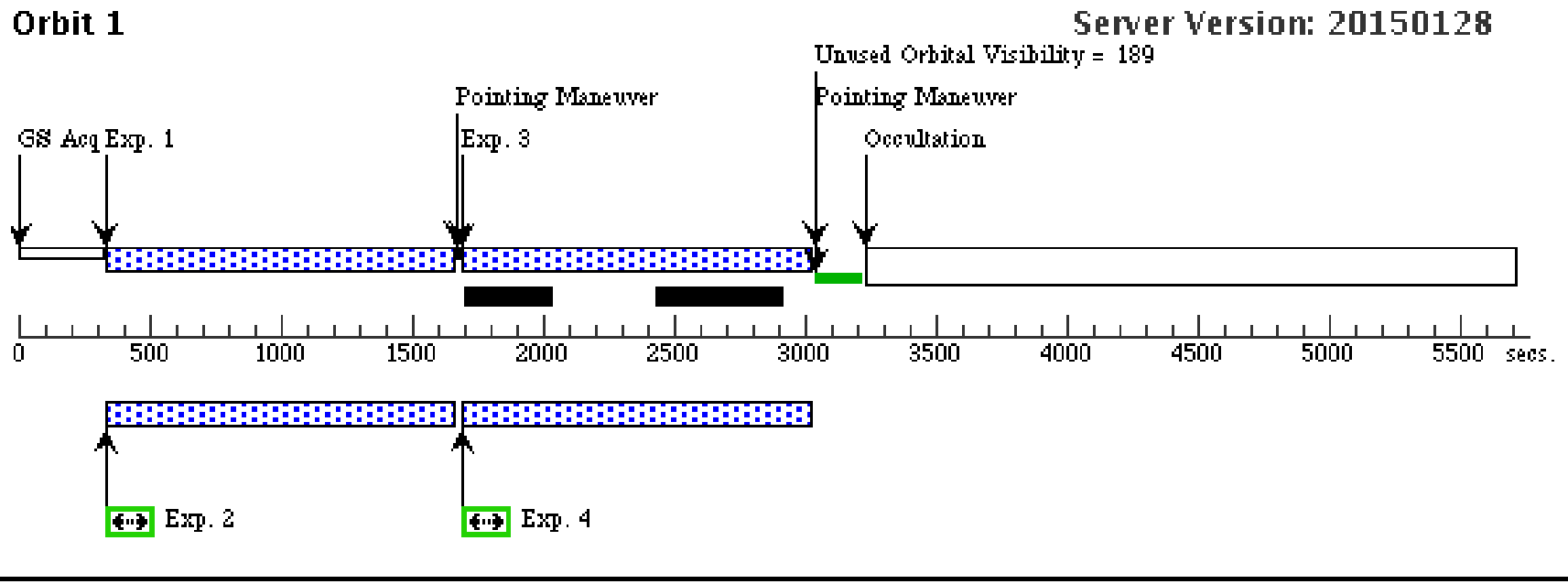
Fixed Targets

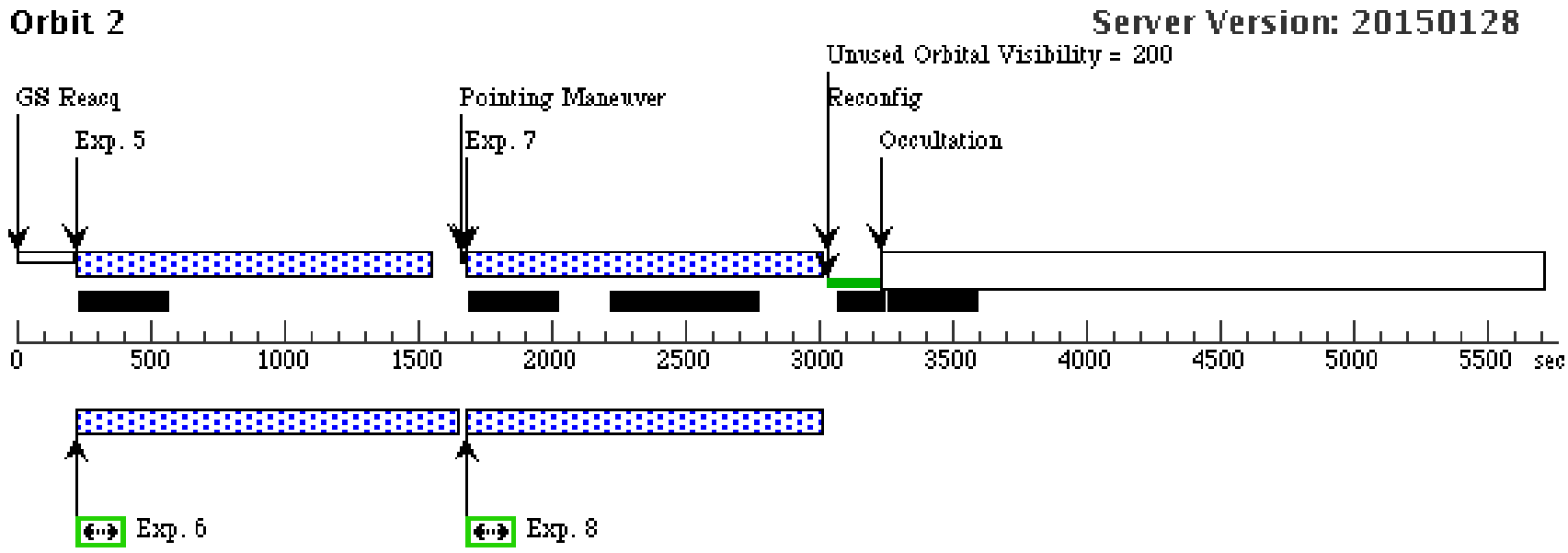
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.922,1.567; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 27	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in Visit 27	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.719,1.869	Prime + Parallel Group 3-4 in Visit 27	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in Visit 27	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.601,-1.400	Prime + Parallel Group 5-6 in Visit 27	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in Visit 27	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.397,-1.703	Prime + Parallel Group 7-8 in Visit 27	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in Visit 27	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 28 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 28, completed Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 28) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

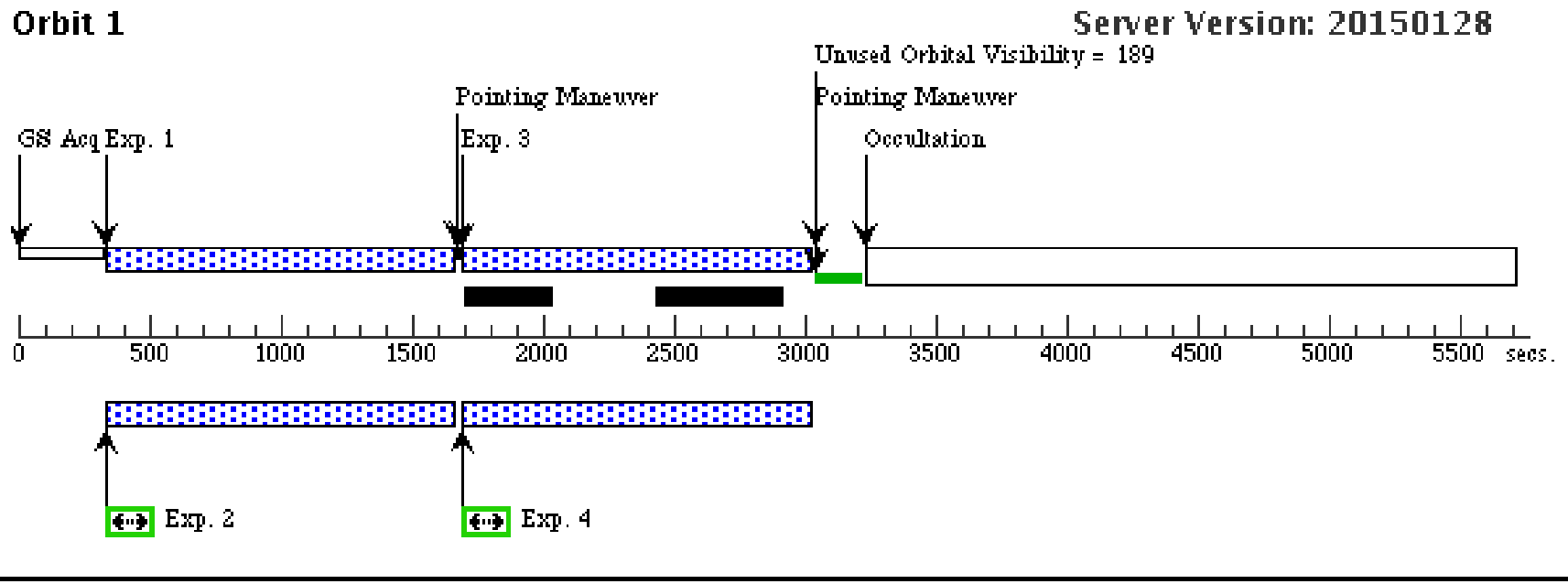
Fixed Targets

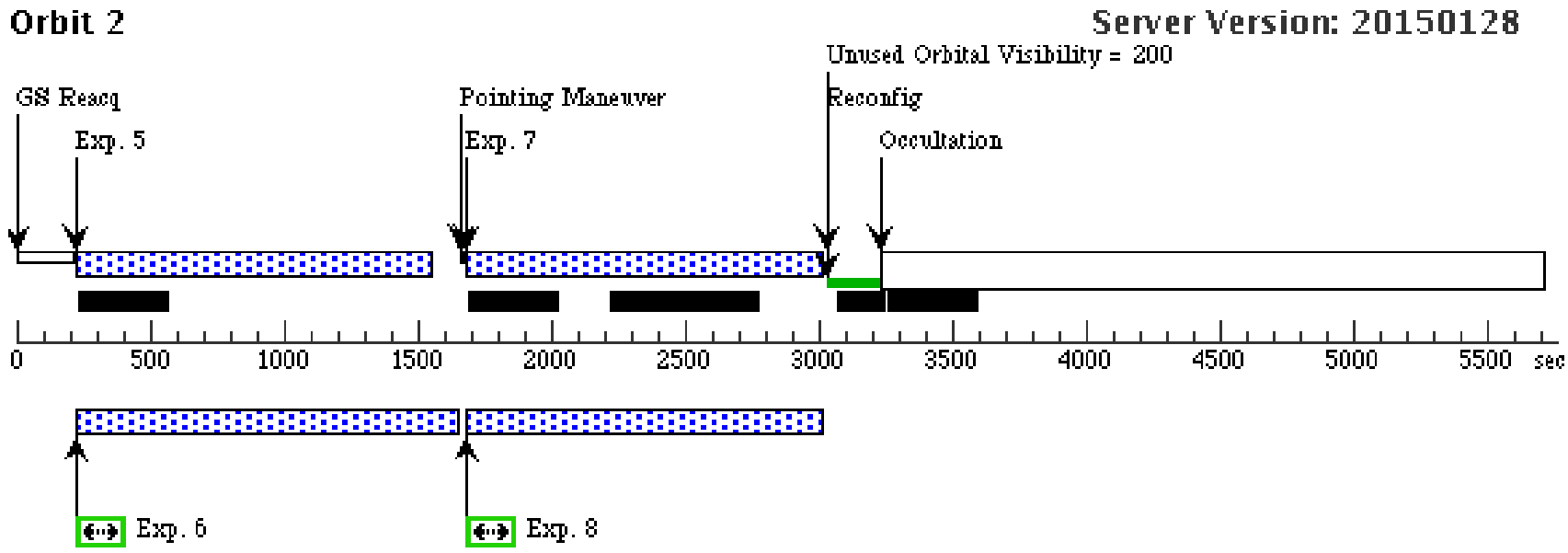
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.236,2.104; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 28	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 28	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.440,1.801	Prime + Parallel Group 3-4 in Visit 28	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 28	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -2.083,-1.166	Prime + Parallel Group 5-6 in Visit 28	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 28	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.880,-1.468	Prime + Parallel Group 7-8 in Visit 28	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 28	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 29 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 29, implementation Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 29) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

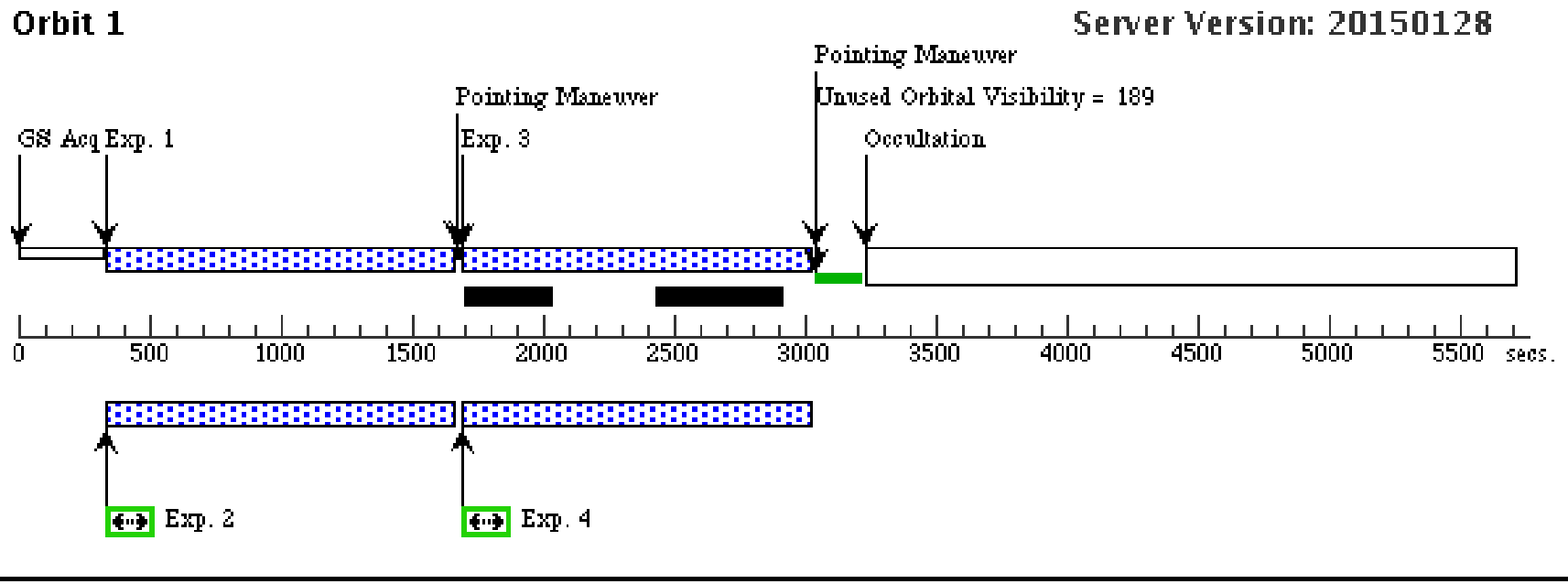
Fixed Targets

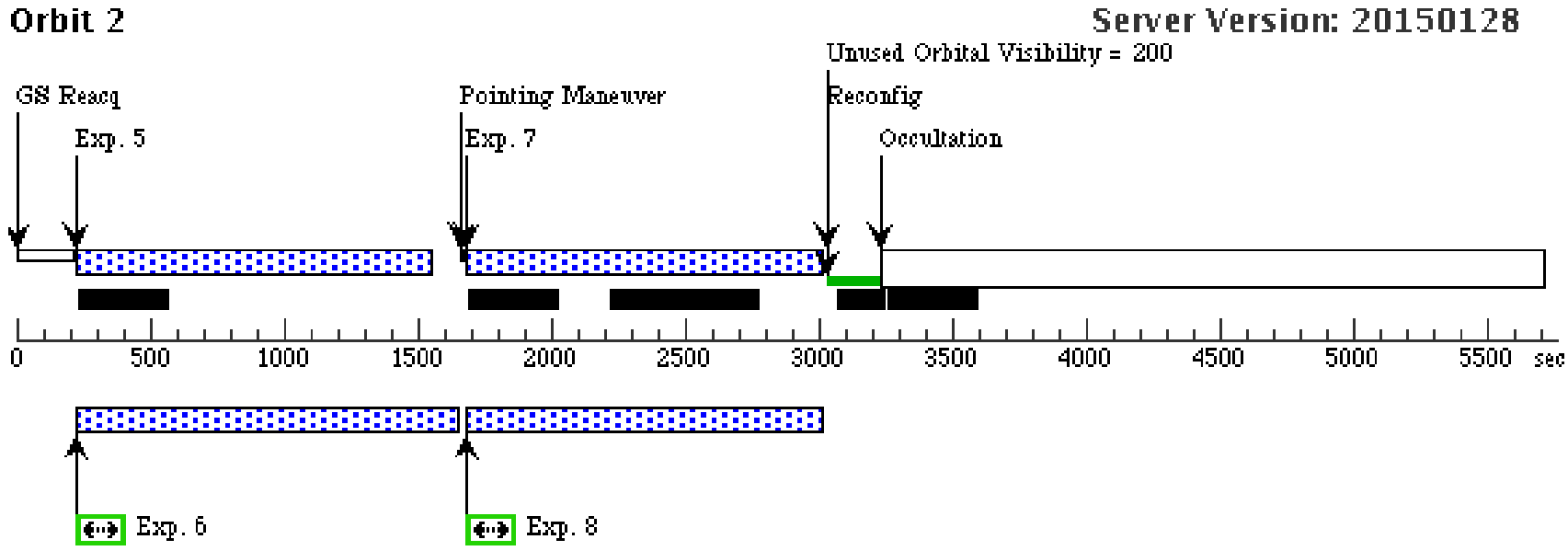
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.833,1.676; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 29	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 1-2 in Visit 29	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.630,1.979	Prime + Parallel Group 3-4 in Visit 29	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 3-4 in Visit 29	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.690,-1.290	Prime + Parallel Group 5-6 in Visit 29	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 5-6 in Visit 29	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.486,-1.593	Prime + Parallel Group 7-8 in Visit 29	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 7-8 in Visit 29	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 30 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 30, completed Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 30) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

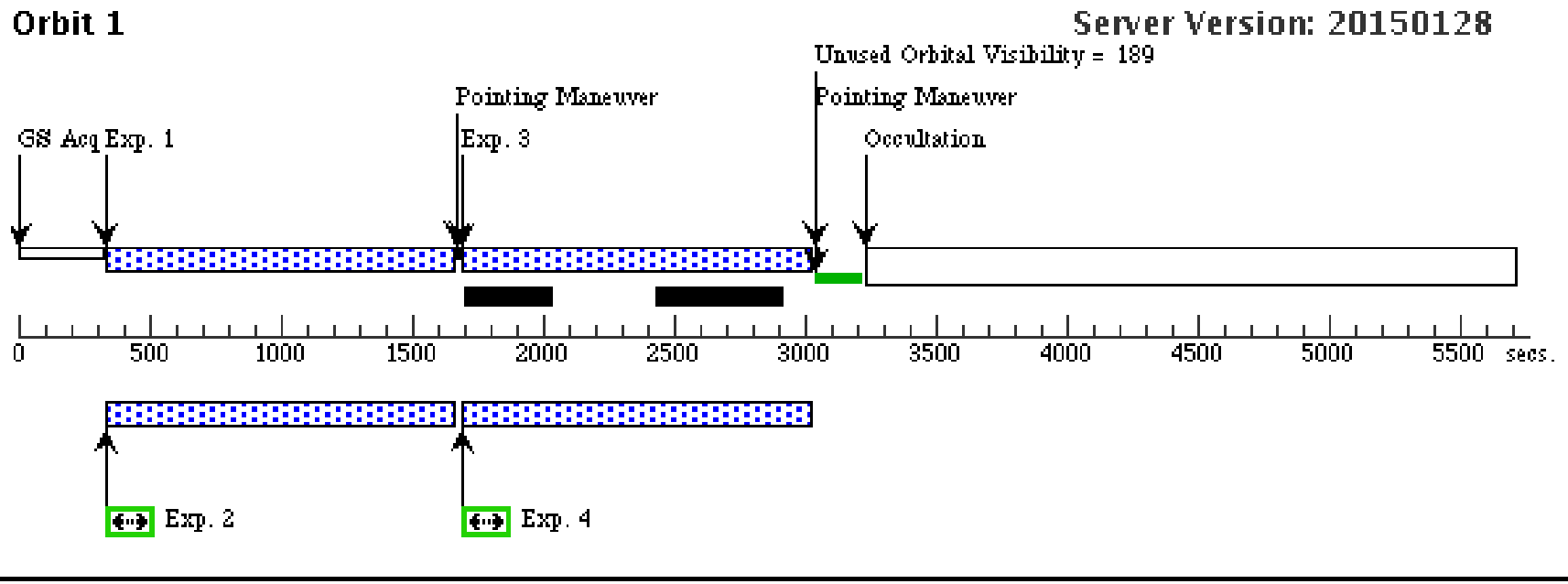
Fixed Targets

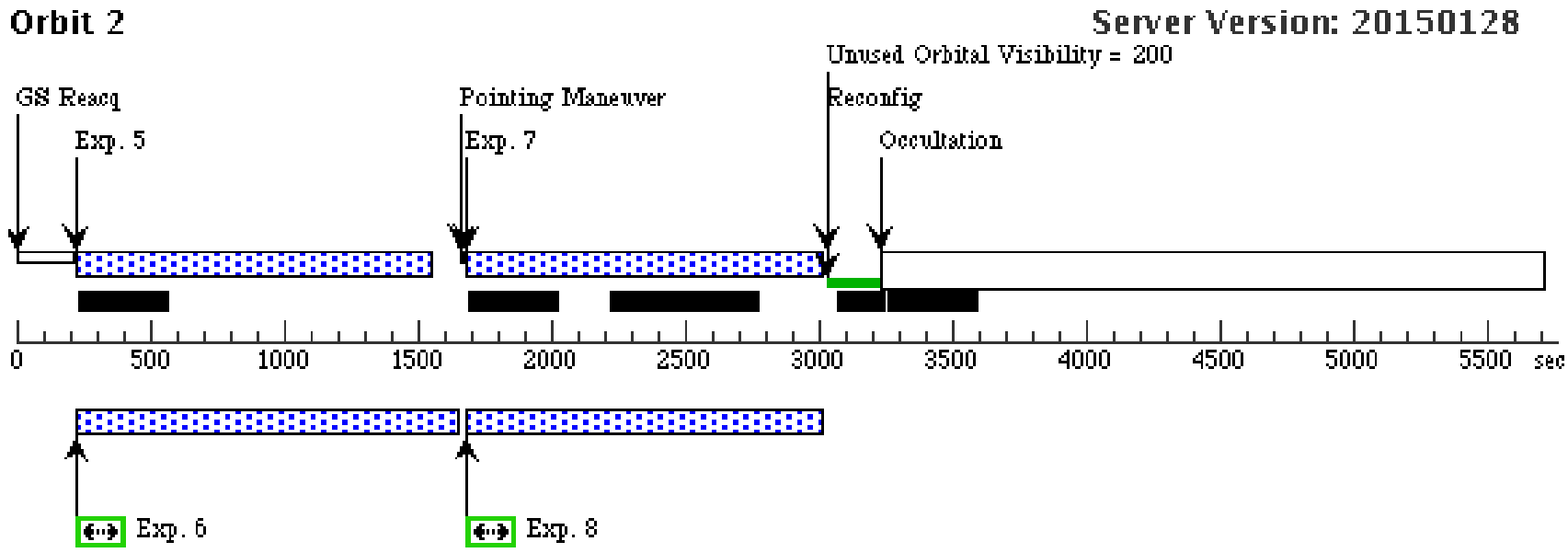
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.567,1.491; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 30	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 30	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.770,1.188	Prime + Parallel Group 3-4 in Visit 30	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 30	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.753,-1.779	Prime + Parallel Group 5-6 in Visit 30	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 30	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.550,-2.081	Prime + Parallel Group 7-8 in Visit 30	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 30	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 31 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 31, implementation Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 31) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

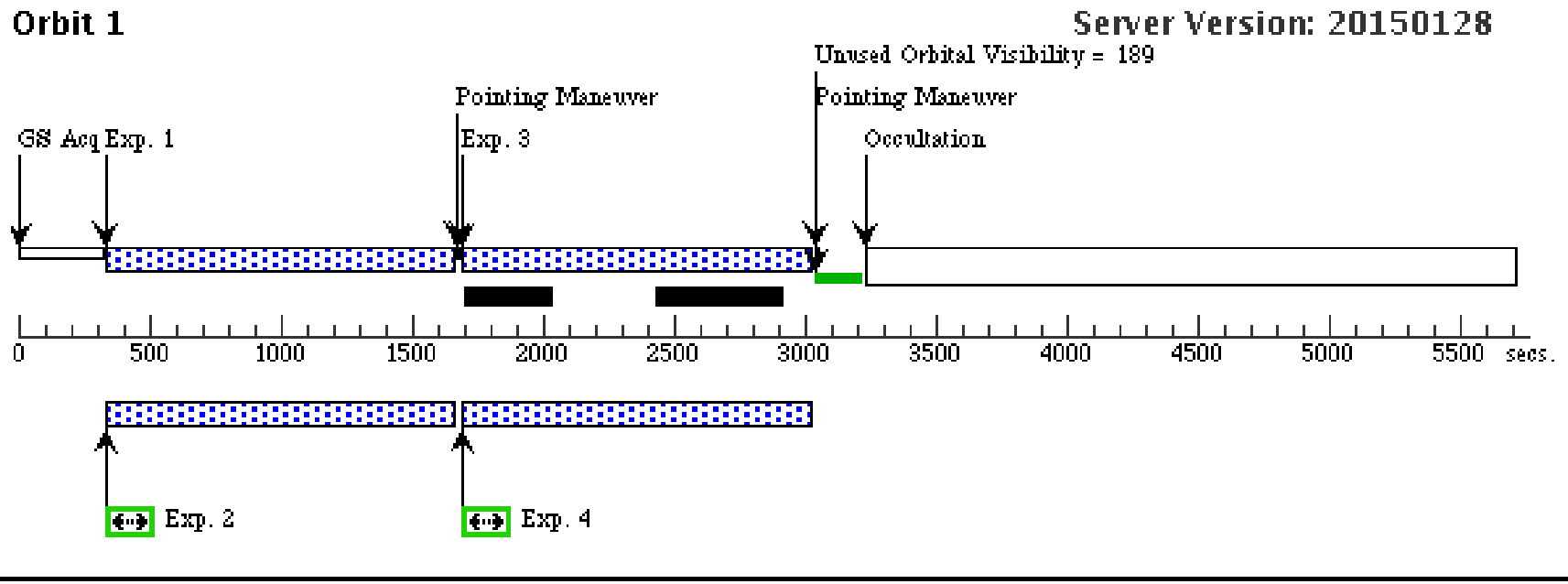
Fixed Targets

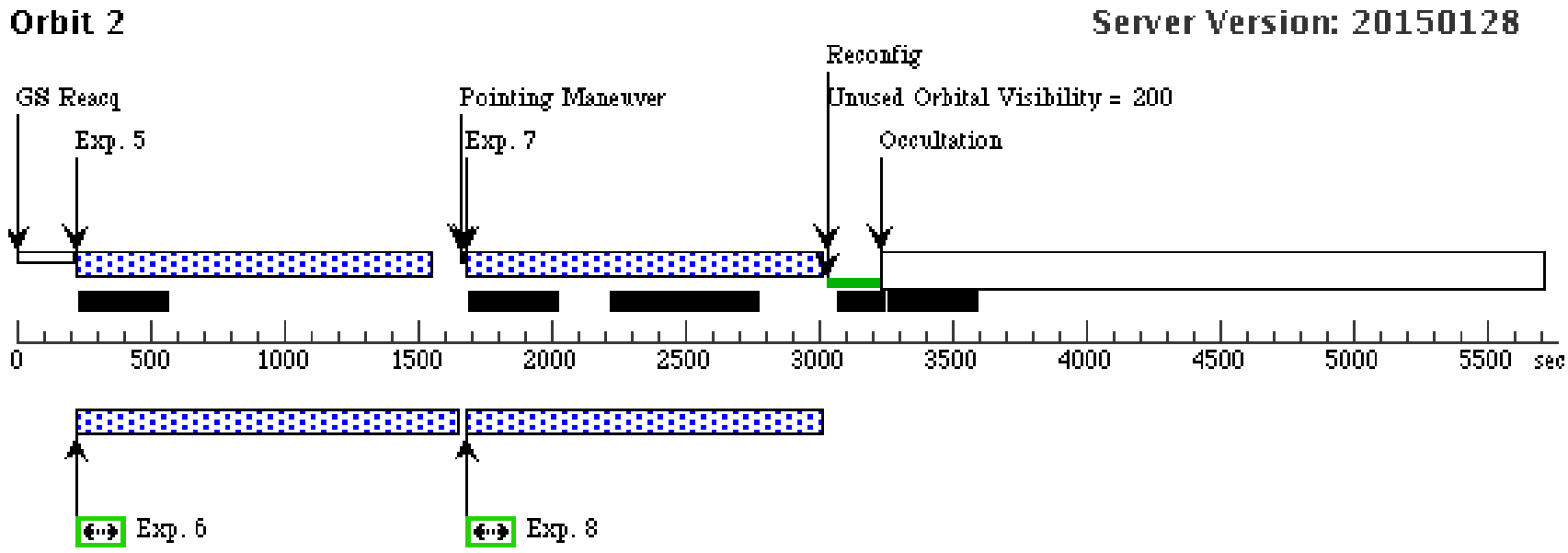
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.948,1.680; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 31	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 31	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.745,1.983	Prime + Parallel Group 3-4 in Visit 31	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 31	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.575,-1.287	Prime + Parallel Group 5-6 in Visit 31	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 31	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.372,-1.589	Prime + Parallel Group 7-8 in Visit 31	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 31	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 32 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 32, completed Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 32) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

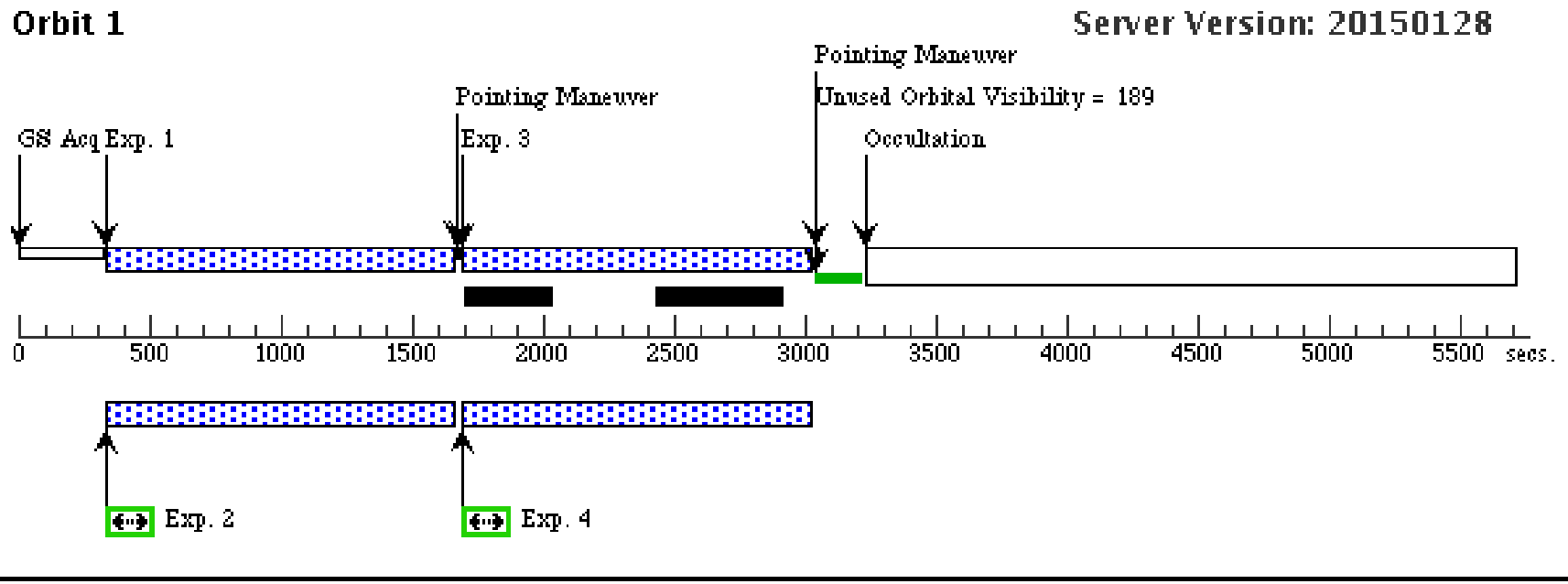
Fixed Targets

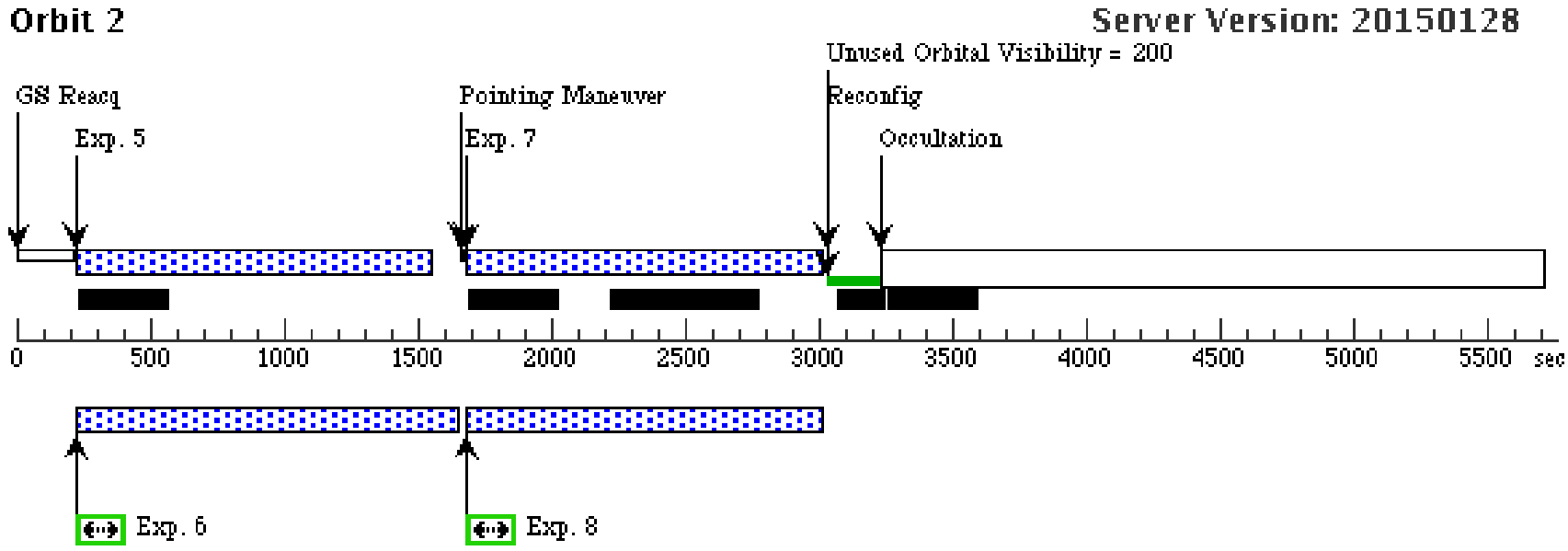
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.770,1.673; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 32	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 1-2 in Visit 32	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.973,1.370	Prime + Parallel Group 3-4 in Visit 32	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 3-4 in Visit 32	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.550,-1.597	Prime + Parallel Group 5-6 in Visit 32	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 5-6 in Visit 32	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.347,-1.900	Prime + Parallel Group 7-8 in Visit 32	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Prime + Parallel Group 7-8 in Visit 32	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 33 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 33, implementation Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 33) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

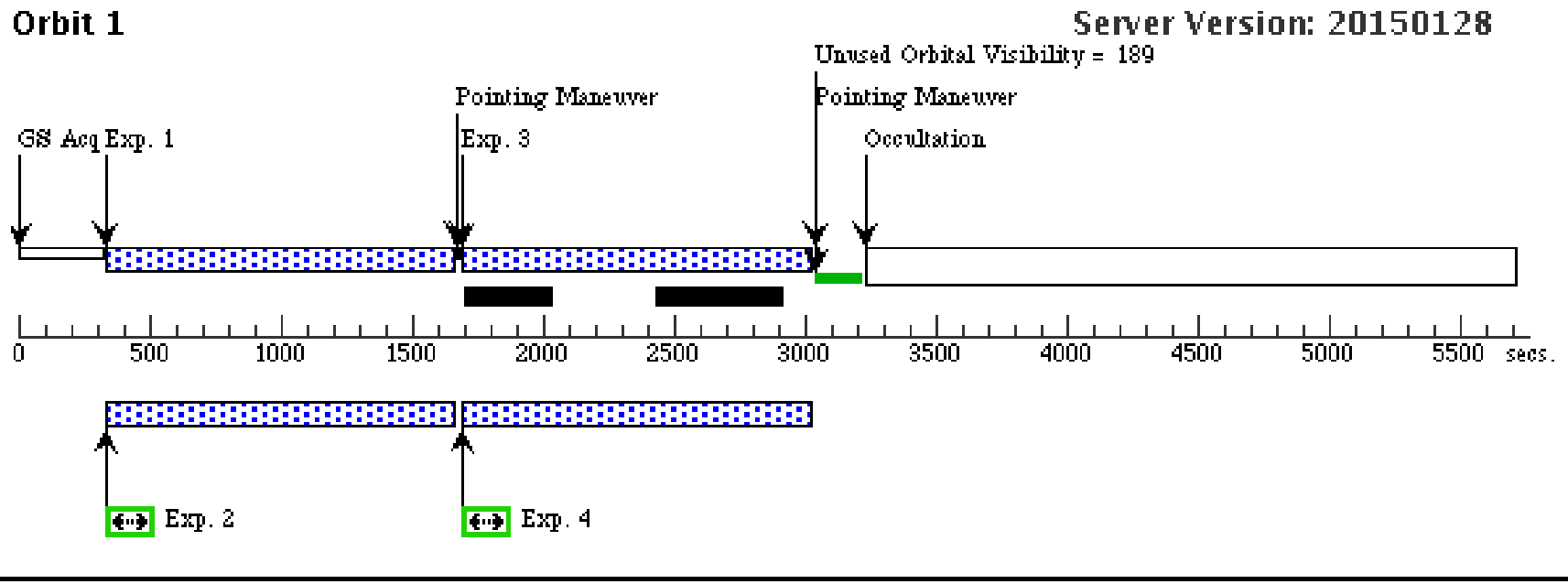
Fixed Targets

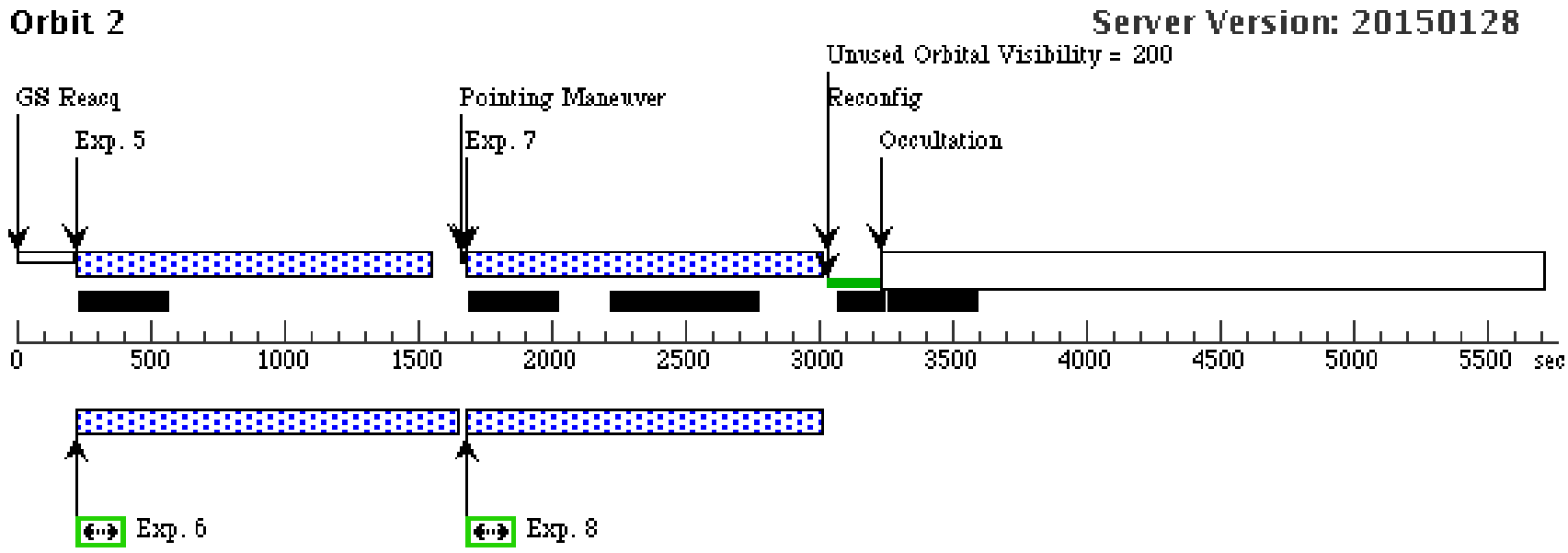
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 2.117,1.166; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 33	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 33	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.914,1.468	Prime + Parallel Group 3-4 in Visit 33	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 33	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.406,-1.801	Prime + Parallel Group 5-6 in Visit 33	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 33	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.203,-2.104	Prime + Parallel Group 7-8 in Visit 33	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 33	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 34 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 34, implementation Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 34) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

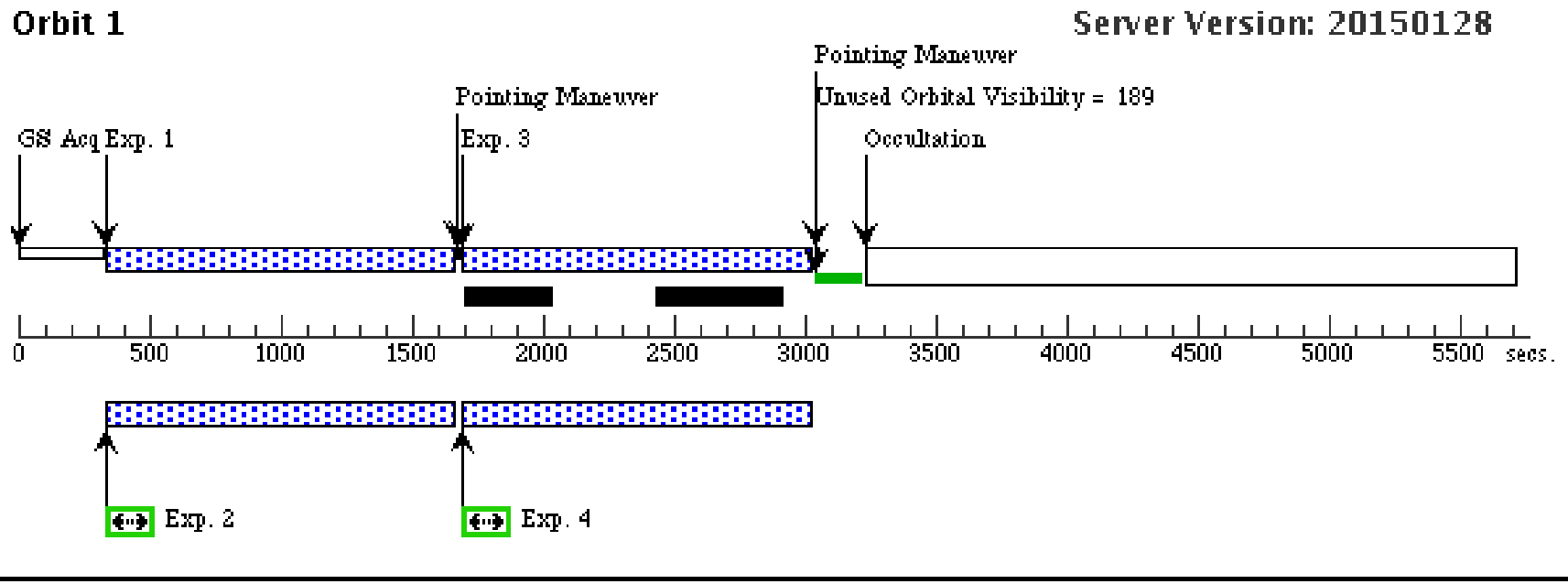
Fixed Targets

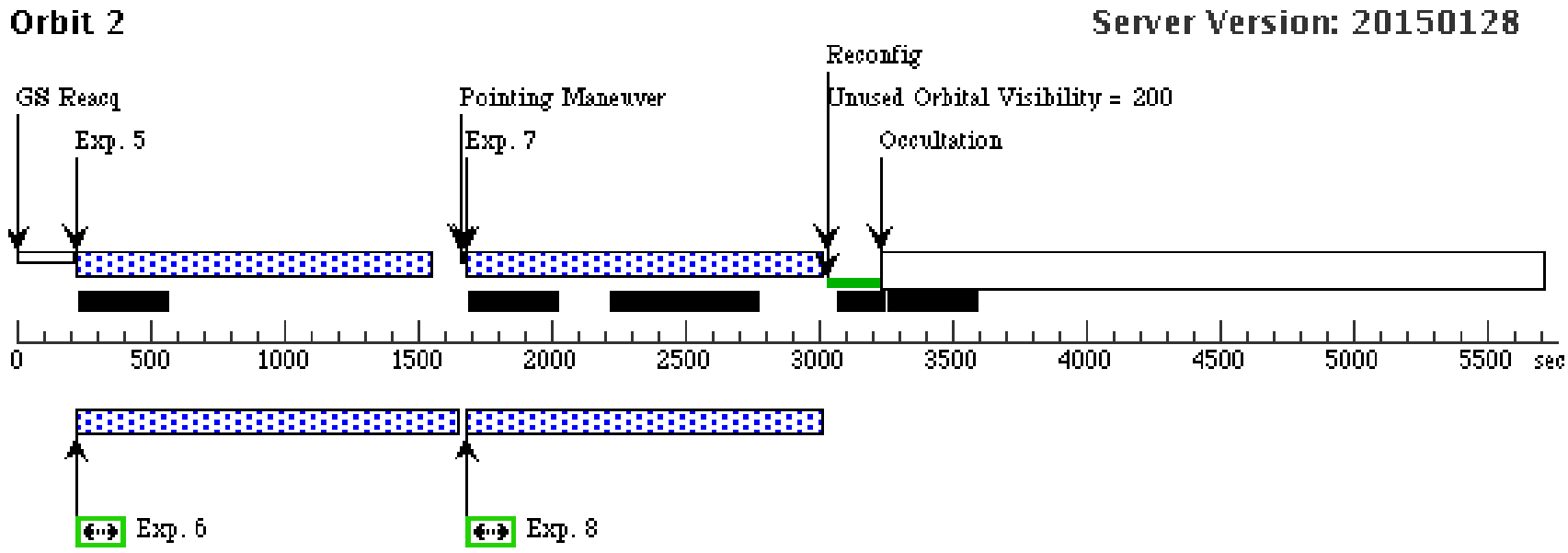
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.833,1.434; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 34	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 1-2 in Visit 34	1125 Secs (1125 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 2.037,1.132	Prime + Parallel Group 3-4 in Visit 34	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 3-4 in Visit 34	1207 Secs (1207 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.486,-1.835	Prime + Parallel Group 5-6 in Visit 34	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 5-6 in Visit 34	1307 Secs (1307 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.283,-2.138	Prime + Parallel Group 7-8 in Visit 34	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Prime + Parallel Group 7-8 in Visit 34	1207 Secs (1207 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 35 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 35, implementation Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit 35) Warning (Orbit Planner): PARALLELS SIGNIFICANTLY EXTEND ALIGNMENT TIME

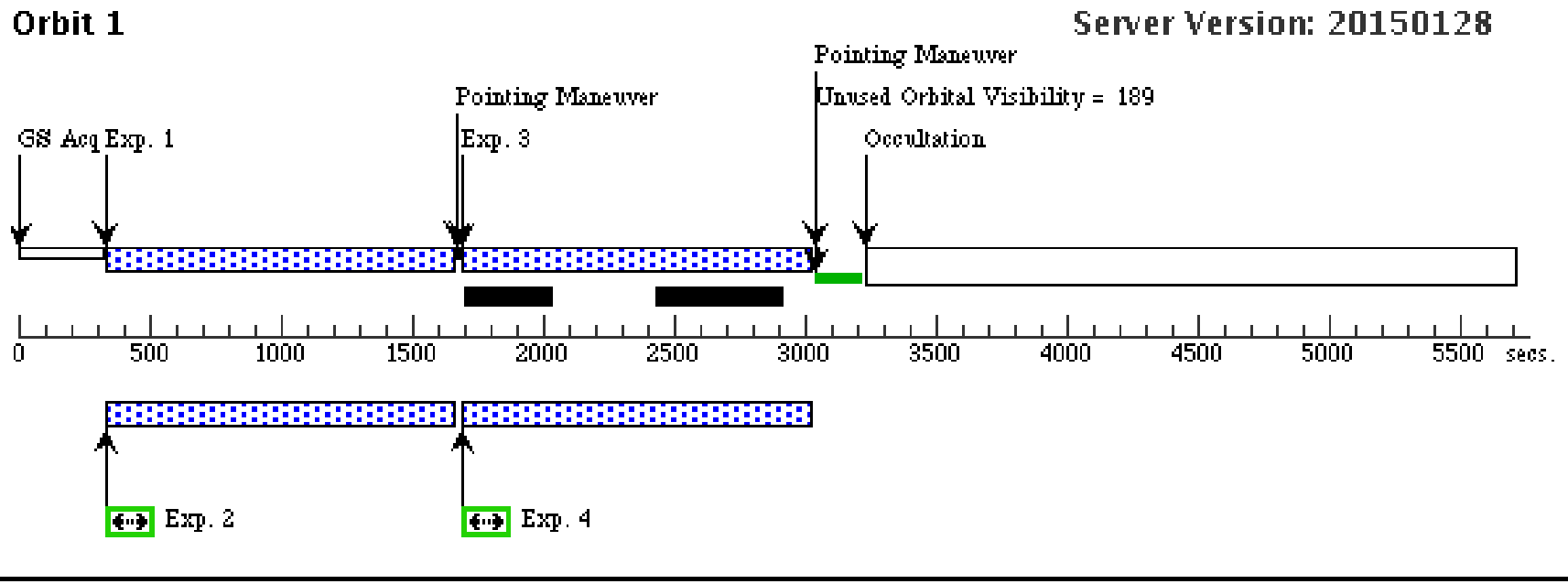
Fixed Targets

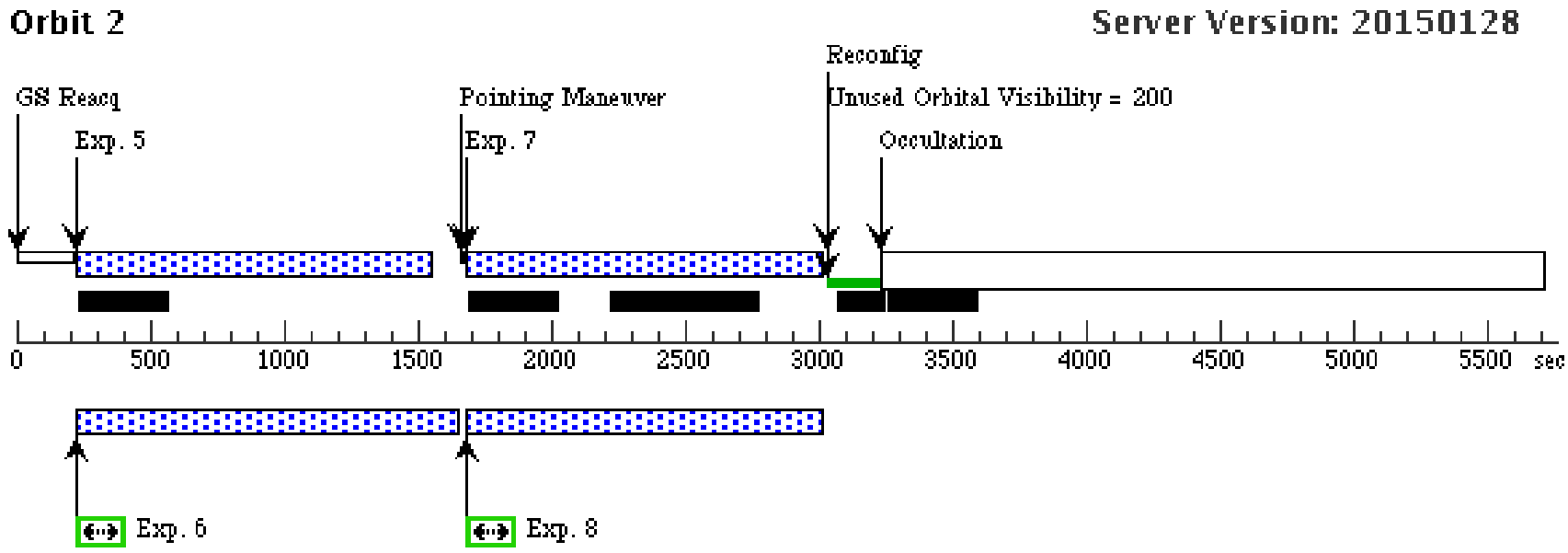
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.465,1.461; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 35	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 1-2 in Visit 35	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.262,1.764	Prime + Parallel Group 3-4 in Visit 35	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 3-4 in Visit 35	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -2.058,-1.506	Prime + Parallel Group 5-6 in Visit 35	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 5-6 in Visit 35	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG -1.855,-1.809	Prime + Parallel Group 7-8 in Visit 35	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Prime + Parallel Group 7-8 in Visit 35	1207 Secs (1207 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 36, completed Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2014:00:00:00 AND 01-JUL-2014:00:00:00

Diagnostics

(Visit 36) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN

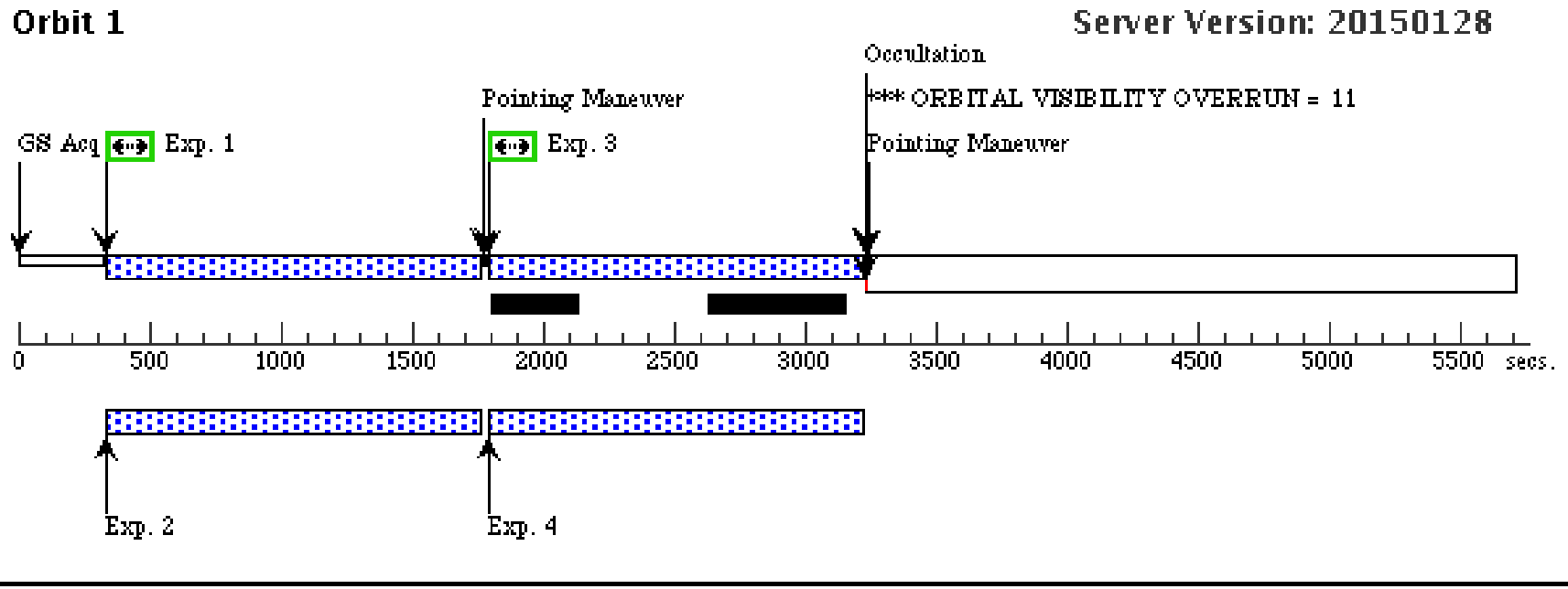
Fixed Targets

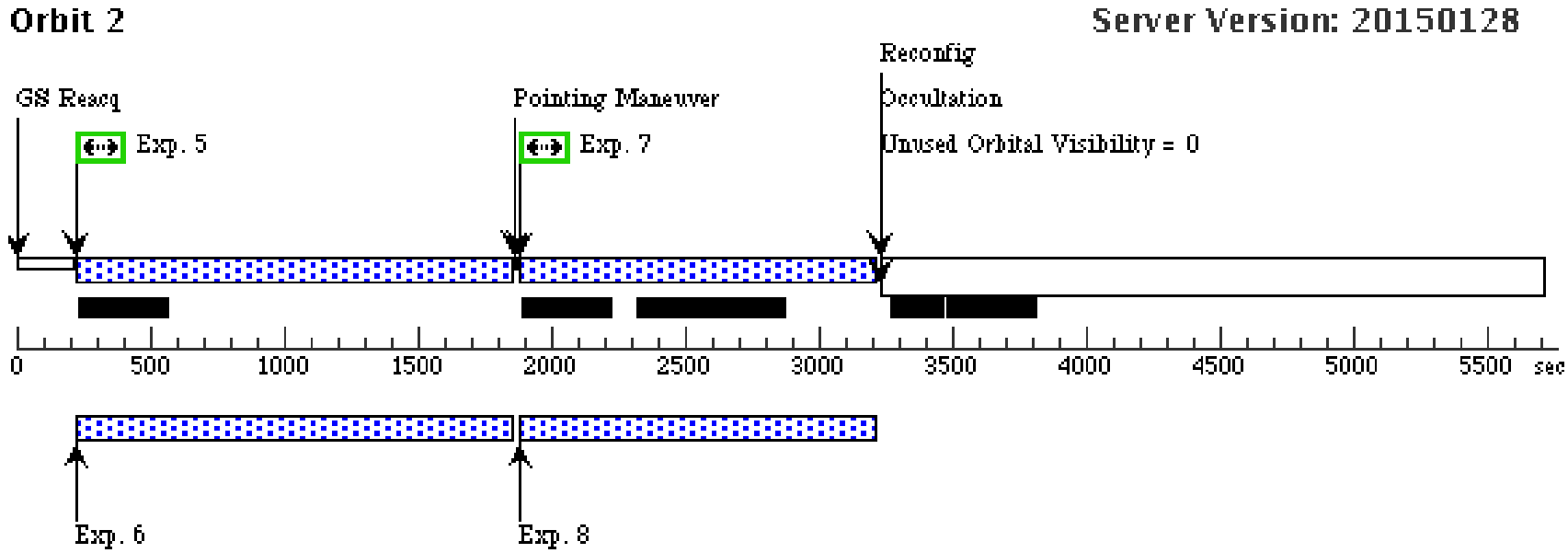
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.236359349,1.837296518; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 36	1225 Secs (1225 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 36	1402.936813 Secs (1402.937 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.123827632,1.779996351	Prime + Parallel Group 3-4 in Visit 36	1307 Secs (1307 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 36	1402.936813 Secs (1402.937 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.0976777790000001,-2.820606722	Prime + Parallel Group 5-6 in Visit 36	1507 Secs (1507 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=STEP200		Prime + Parallel Group 5-6 in Visit 36	1599.231469 Secs (1599.231 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.262509202,-2.877906889	Prime + Parallel Group 7-8 in Visit 36	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 36	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 37 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 37, implementation Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

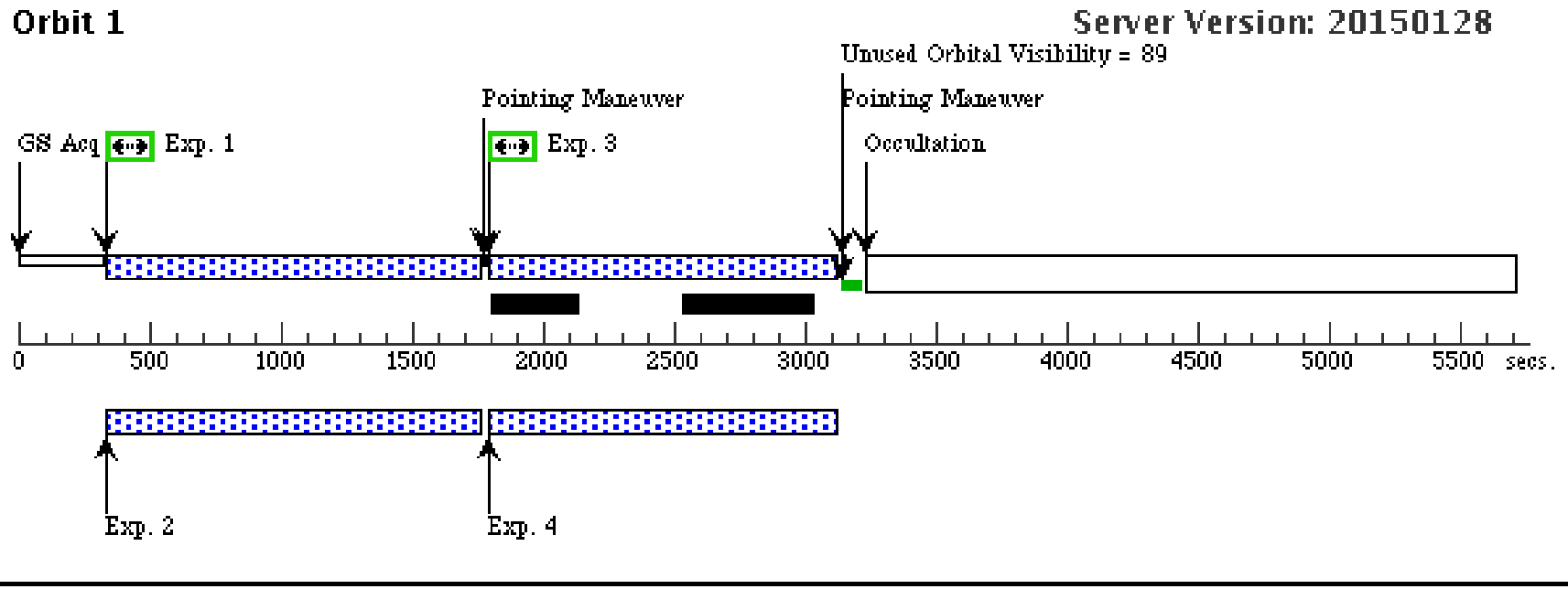
Fixed Targets

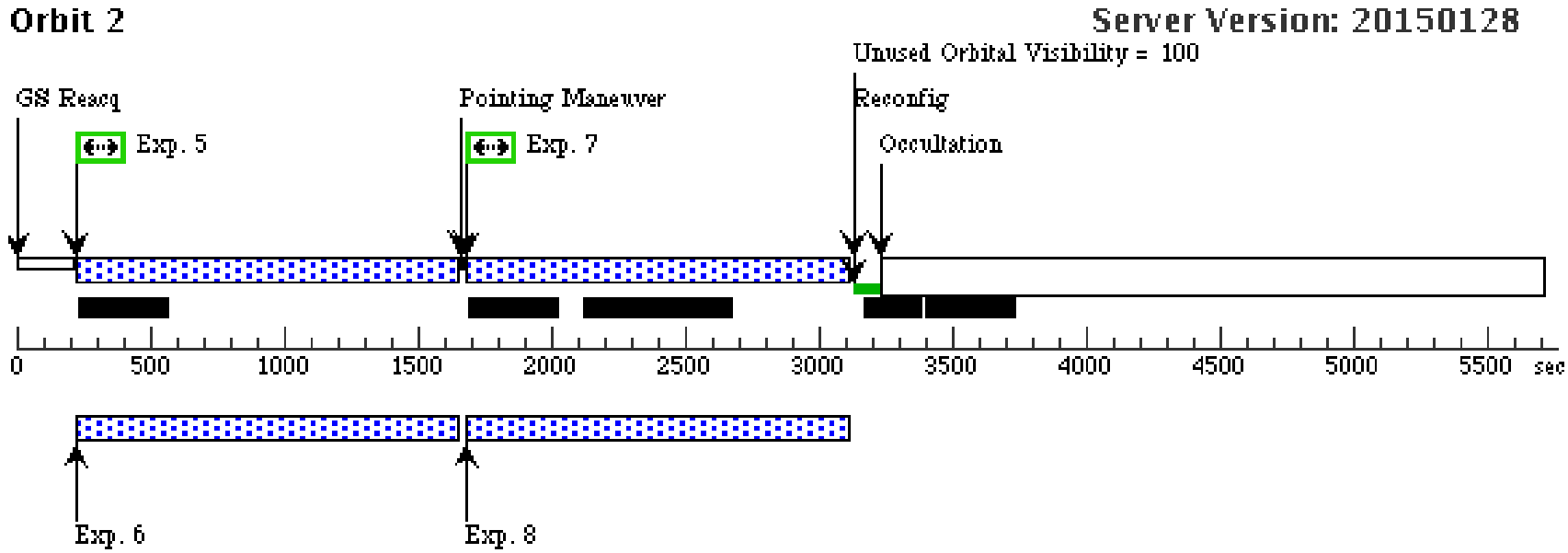
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.49286 0256,-5.889887467; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 37	1225 Secs (1225 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 37	1402.936813 Secs (1402.937 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.13272 6086,-5.834000527	Prime + Parallel Group 3-4 in Visit 37	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 37	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.27135 4845,-10.49049054	Prime + Parallel Group 5-6 in Visit 37	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 37	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.63154 1826,-10.547790707	Prime + Parallel Group 7-8 in Visit 37	1307 Secs (1307 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 37	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 38 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 38, implementation Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

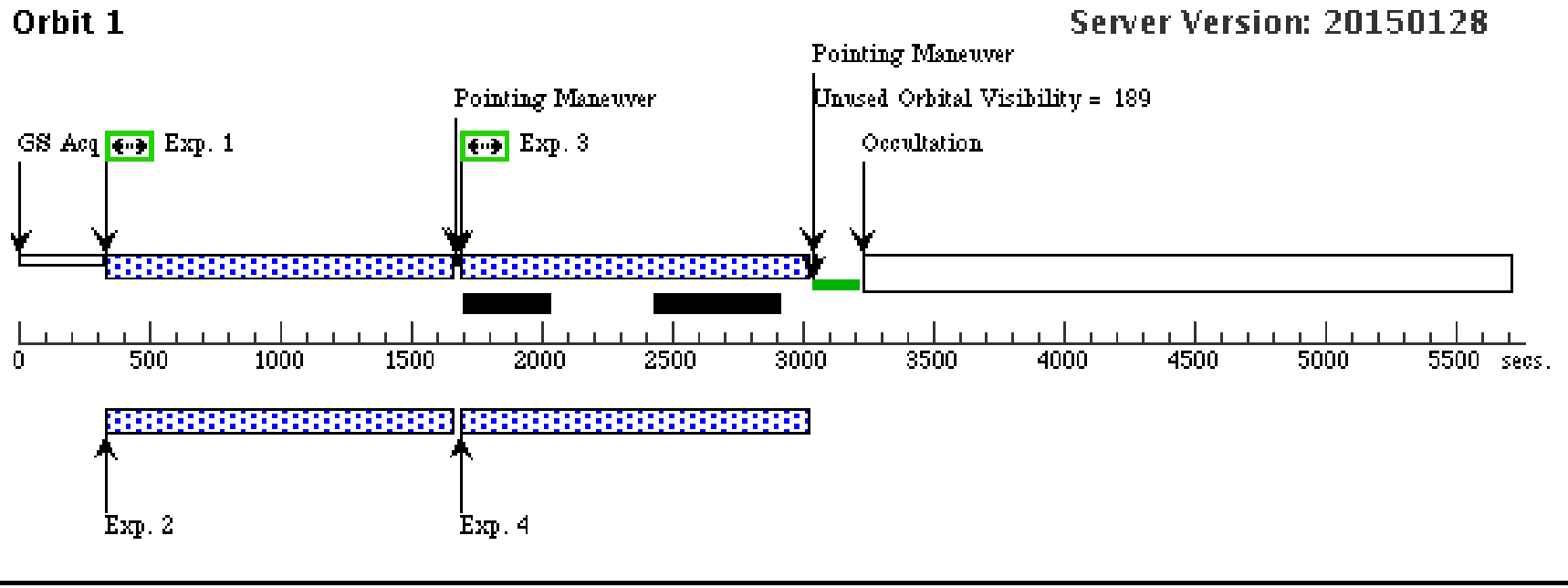
Fixed Targets

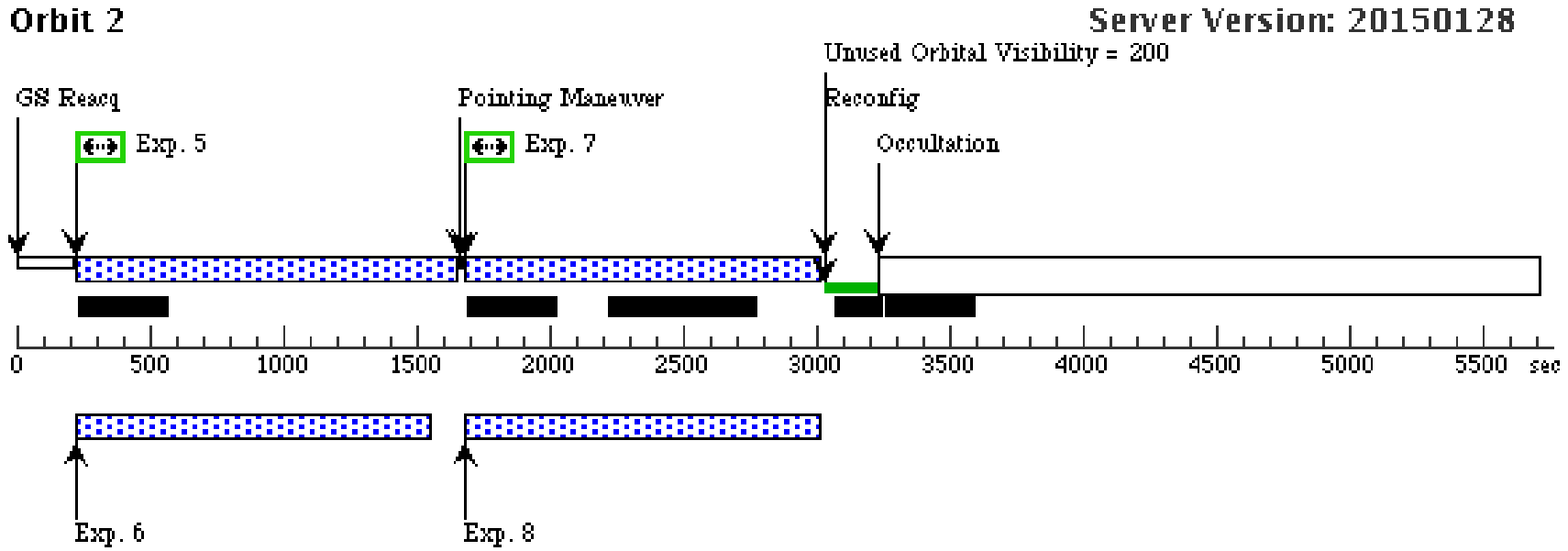
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.12187028,-6.140706665; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 38	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 38	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.238996909,-6.197273813	Prime + Parallel Group 3-4 in Visit 38	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 38	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.017491498,-10.797876886	Prime + Parallel Group 5-6 in Visit 38	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 38	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.377678479,-10.855177053	Prime + Parallel Group 7-8 in Visit 38	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 38	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 39, implementation Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

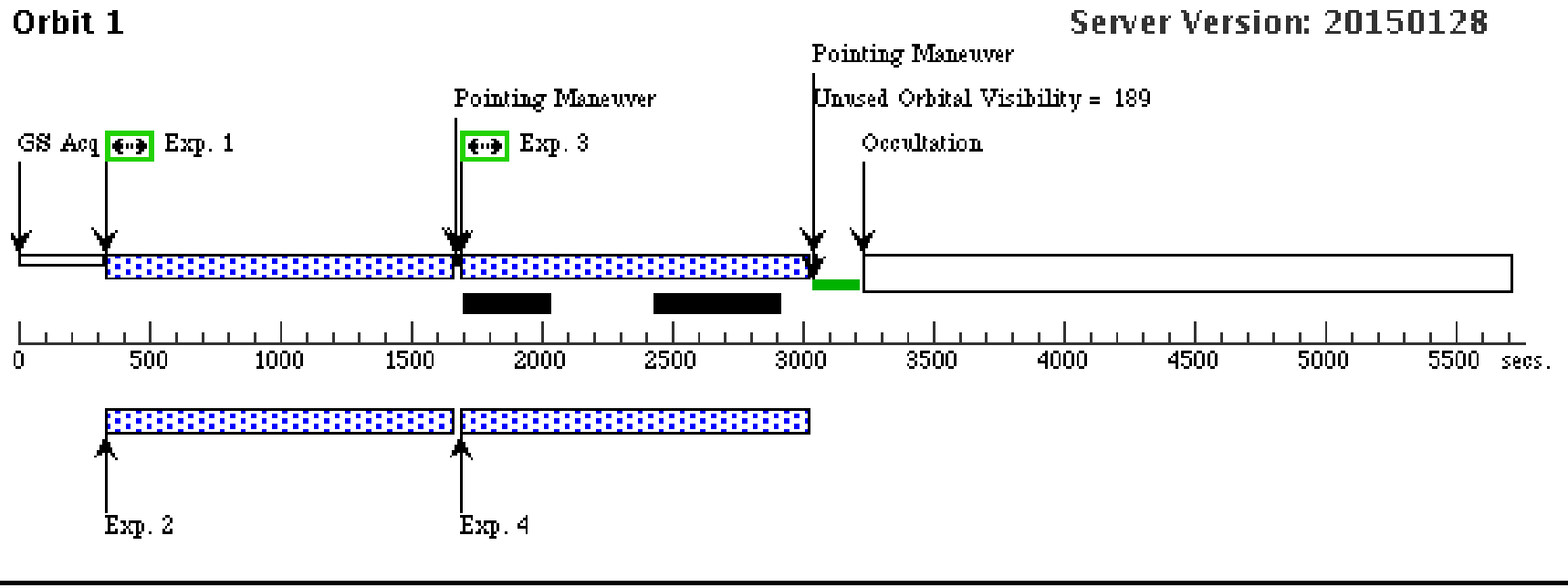
Fixed Targets

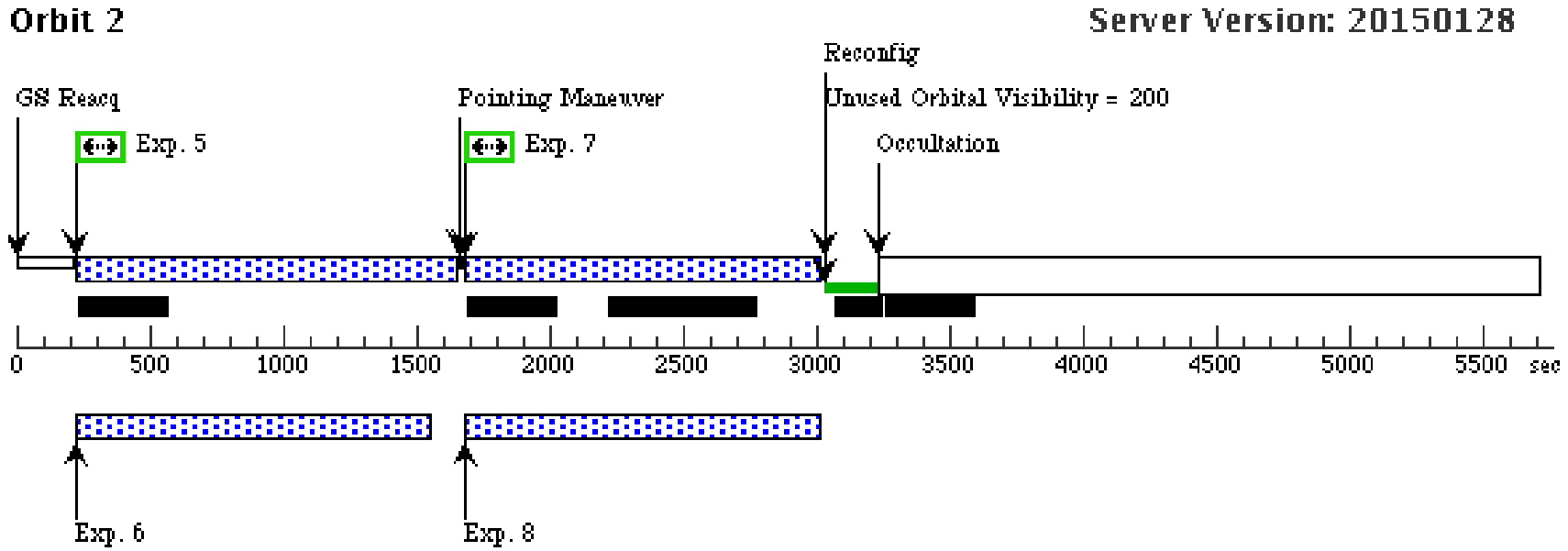
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.581720323,-5.995537286; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 39	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 39	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.220853134,-5.938970138	Prime + Parallel Group 3-4 in Visit 39	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 39	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.360214912,-10.596140359	Prime + Parallel Group 5-6 in Visit 39	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 39	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.719668874,-10.652760318	Prime + Parallel Group 7-8 in Visit 39	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 39	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 40 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 40, implementation Thu Apr 02 01:04:38 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

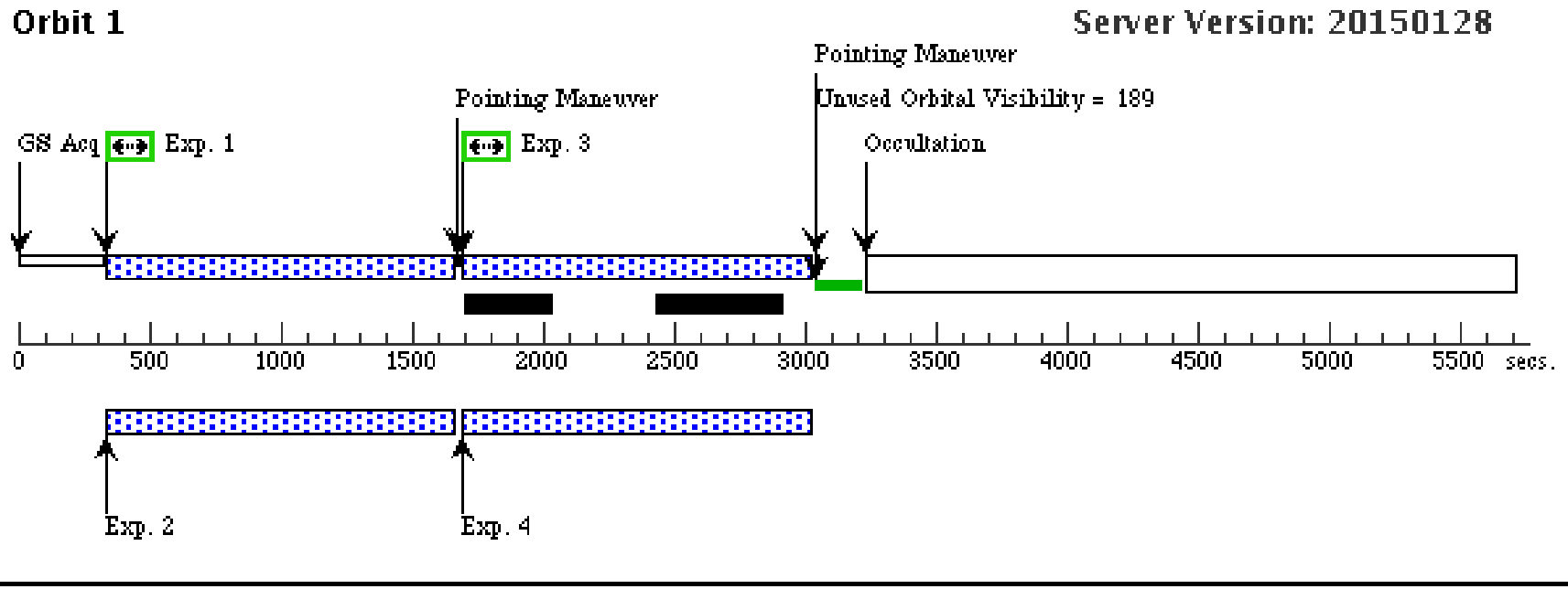
Fixed Targets

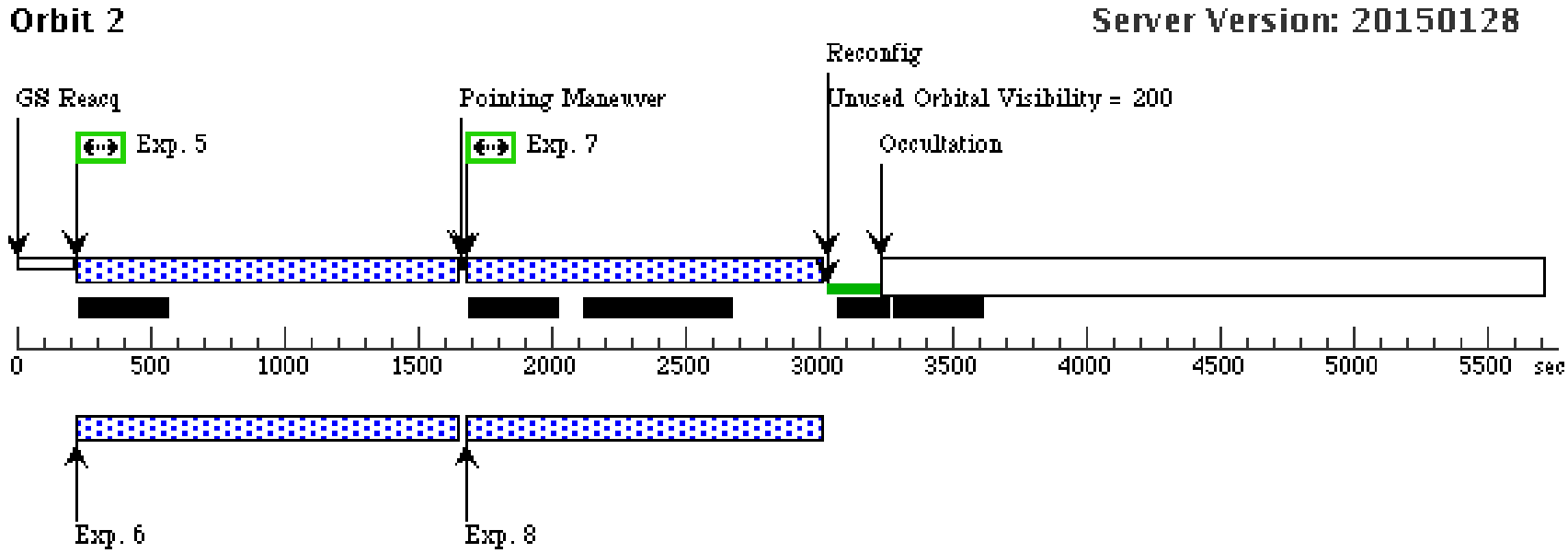
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.251724469,-5.846951892; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 40	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 40	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.10914272,-5.90351904	Prime + Parallel Group 3-4 in Visit 40	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 40	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.112362691,-10.504122113	Prime + Parallel Group 5-6 in Visit 40	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 40	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.24782429,-10.56142228	Prime + Parallel Group 7-8 in Visit 40	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 40	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 41, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

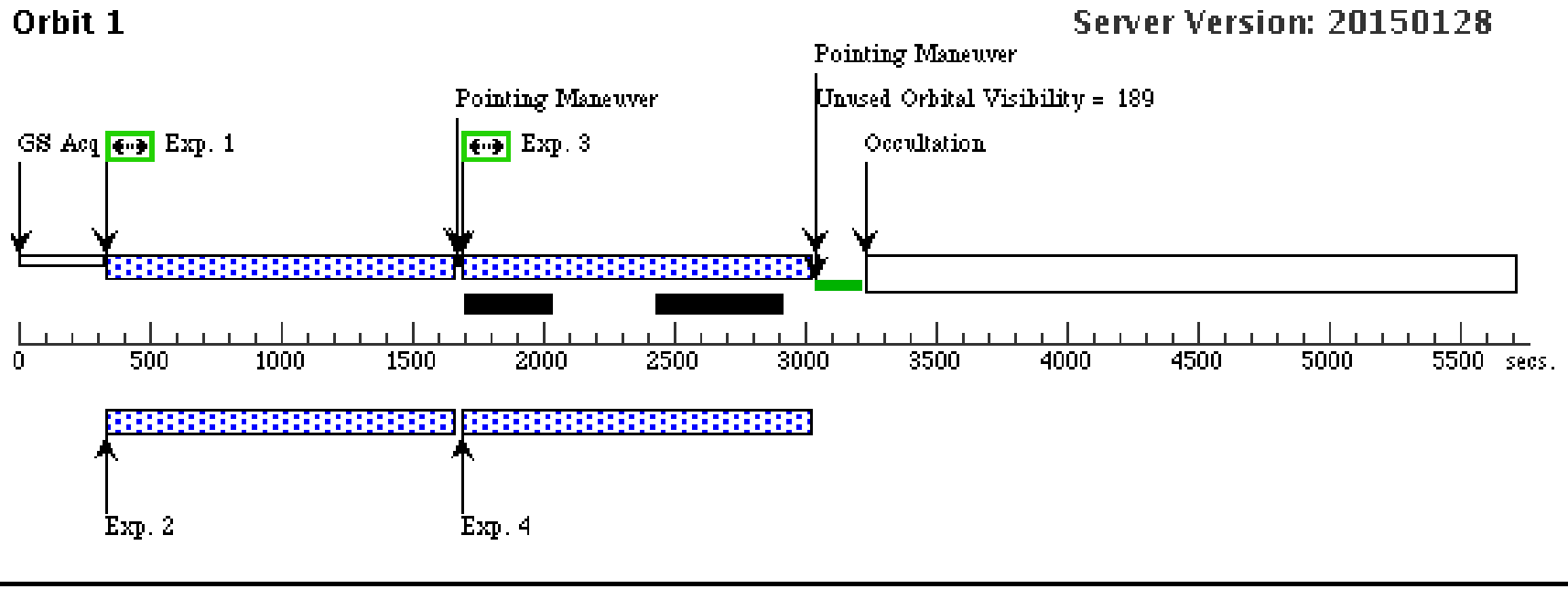
Fixed Targets

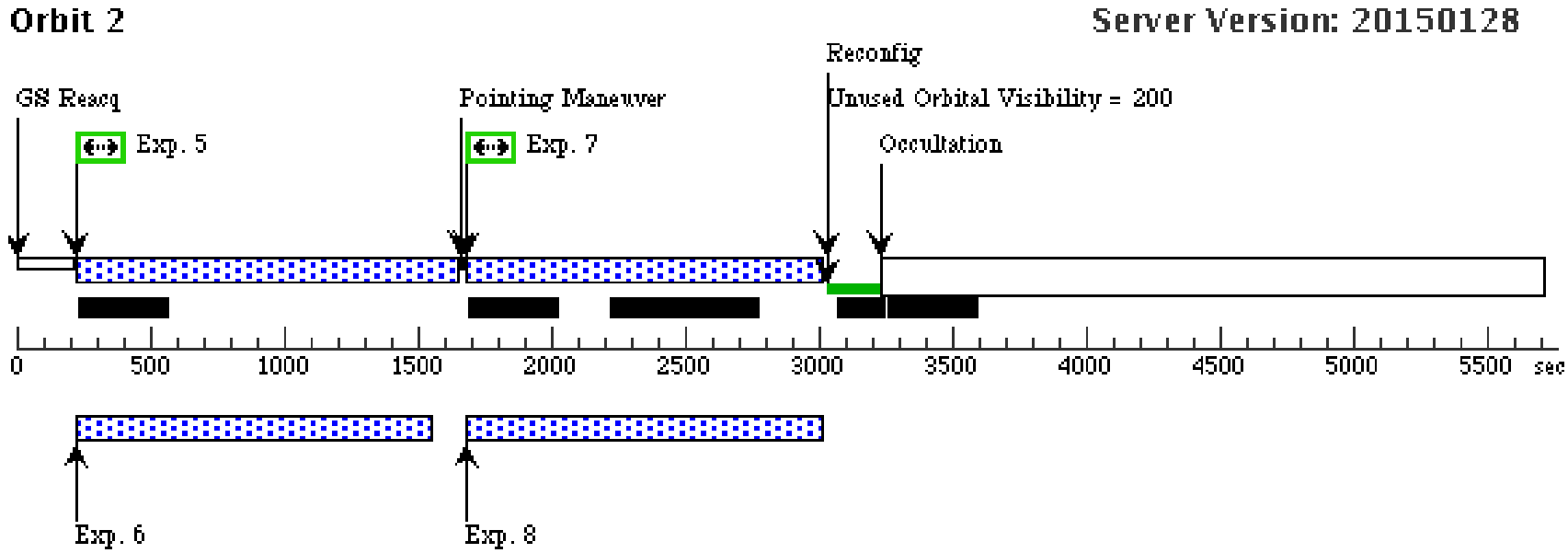
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.30672 6183,-6.191912431; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 41	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 41	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.0534 60798,-6.134612264	Prime + Parallel Group 3-4 in Visit 41	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 41	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.08448 77529999999,-10.79 1835296	Prime + Parallel Group 5-6 in Visit 41	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 41	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.44535 4942,-10.848402444	Prime + Parallel Group 7-8 in Visit 41	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 41	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 42 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 42, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

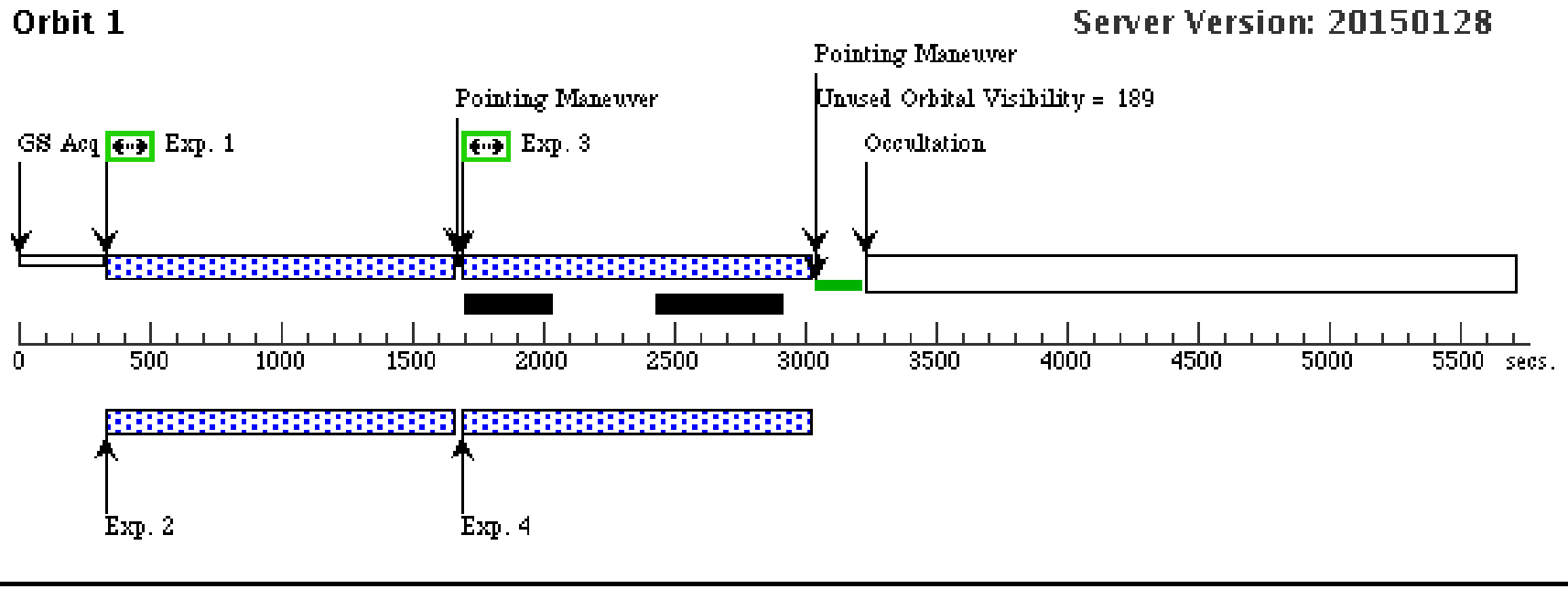
Fixed Targets

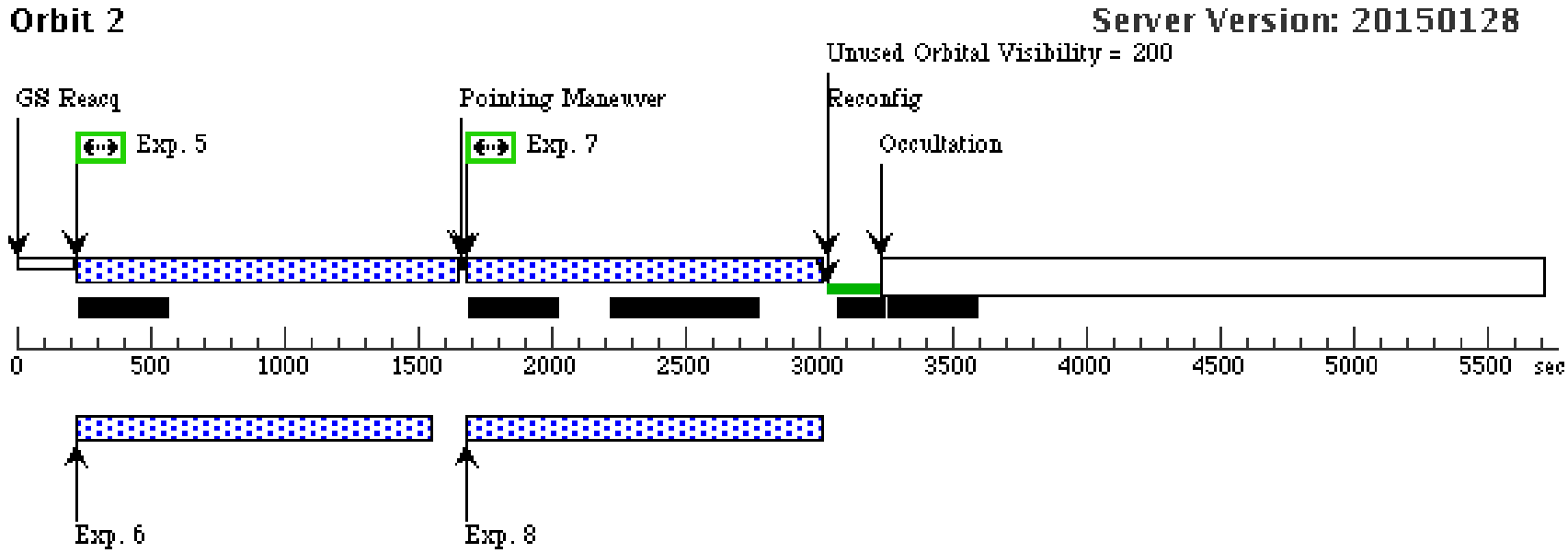
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.39248318,-6.132421615; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 42	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 42	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.031615991,-6.188988763	Prime + Parallel Group 3-4 in Visit 42	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 42	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.253121402,-10.789591836	Prime + Parallel Group 5-6 in Visit 42	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 42	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.10633256,-10.846211795	Prime + Parallel Group 7-8 in Visit 42	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 42	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 43, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

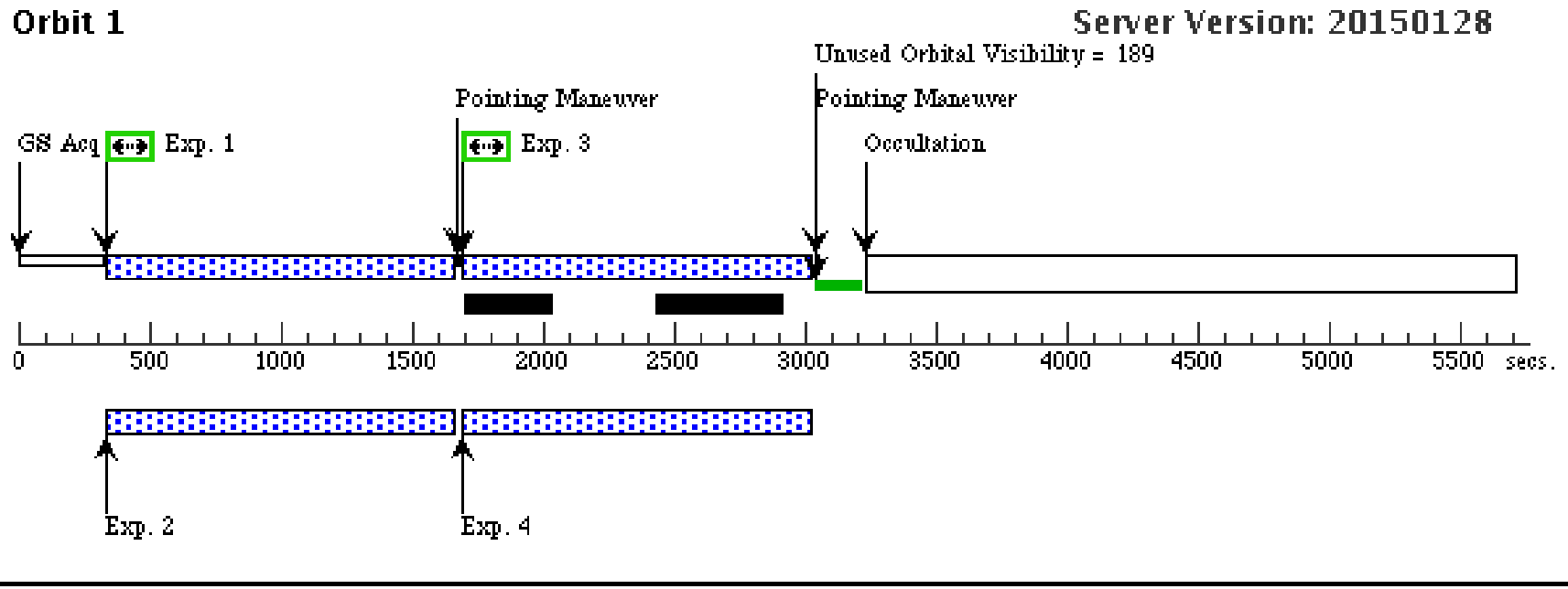
Fixed Targets

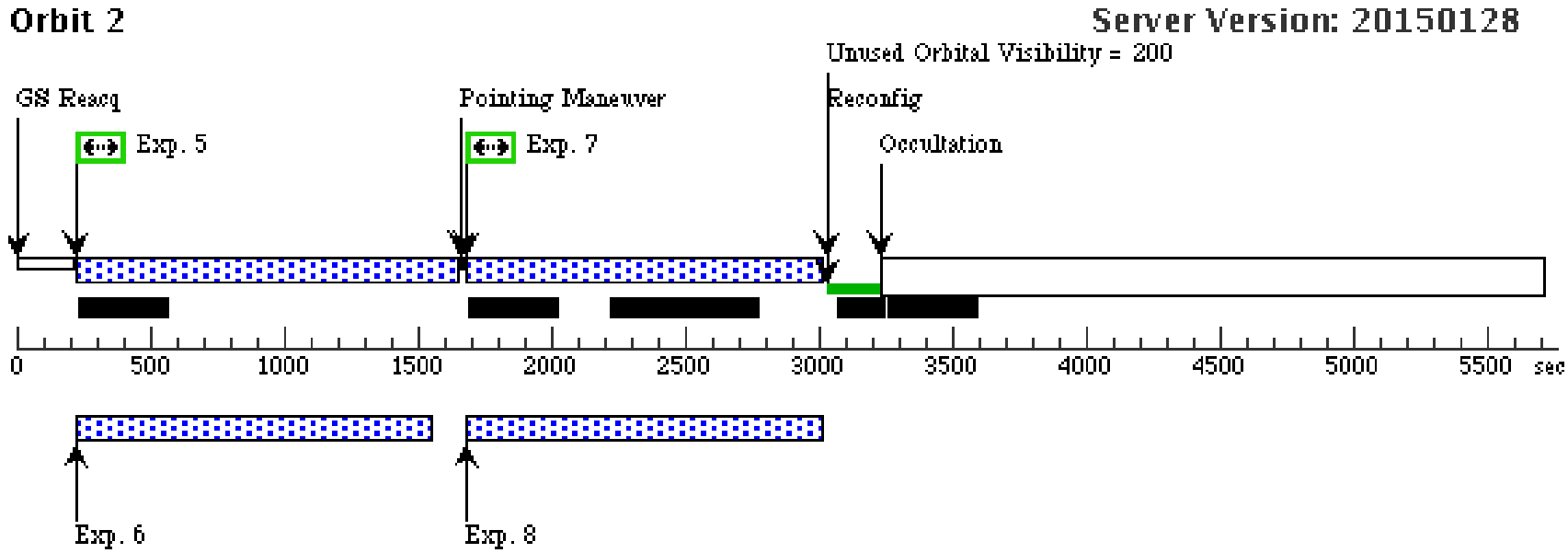
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.556174484,-6.145087963; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 43	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 43	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.195307295,-6.088520815	Prime + Parallel Group 3-4 in Visit 43	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 43	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.334669073,-10.745691036	Prime + Parallel Group 5-6 in Visit 43	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 43	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.694856054,-10.802991203	Prime + Parallel Group 7-8 in Visit 43	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 43	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 44 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 44, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

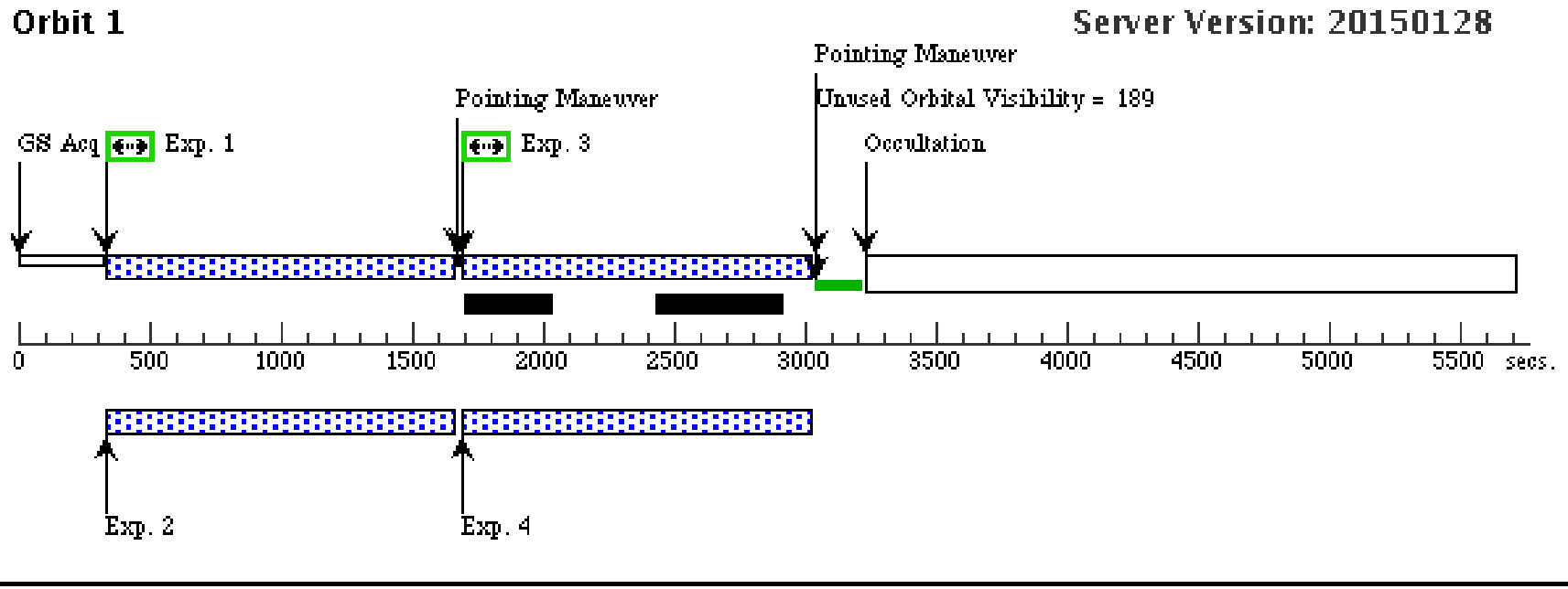
Fixed Targets

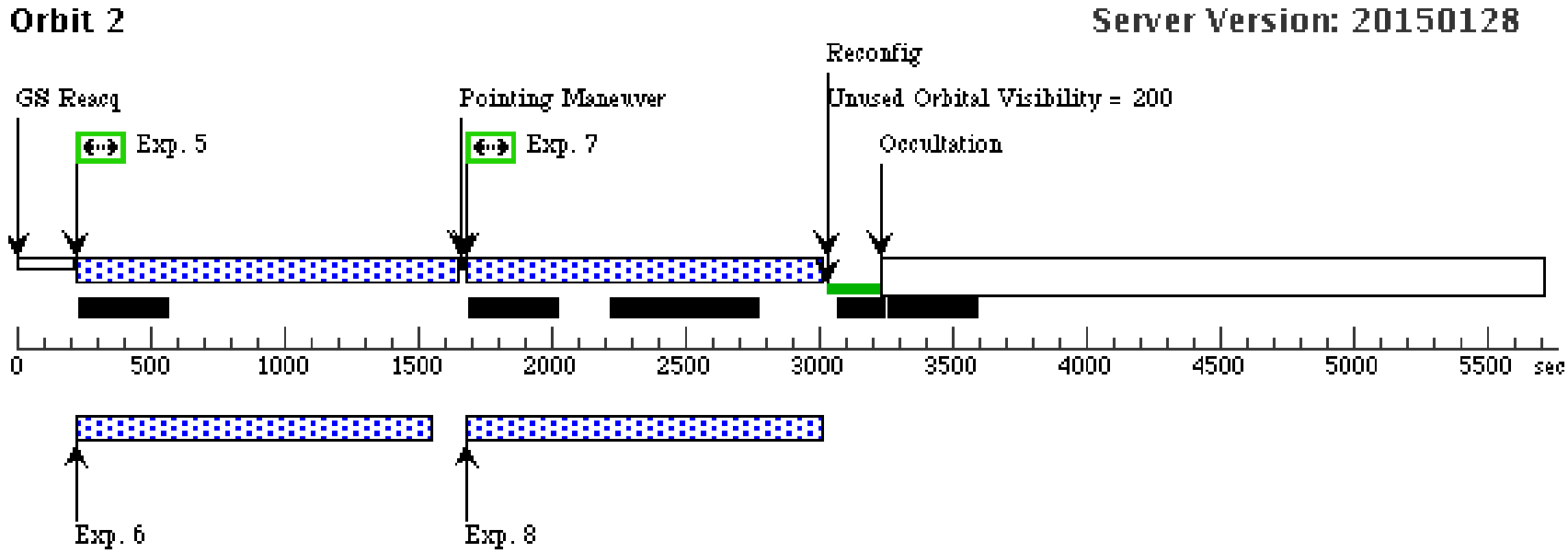
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.321397211,-5.989660348; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 44	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 44	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.038056751,-6.046280307	Prime + Parallel Group 3-4 in Visit 44	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 44	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.183464866,-10.64688338	Prime + Parallel Group 5-6 in Visit 44	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 44	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.176738321,-10.704183547	Prime + Parallel Group 7-8 in Visit 44	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 44	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 45 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 45, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

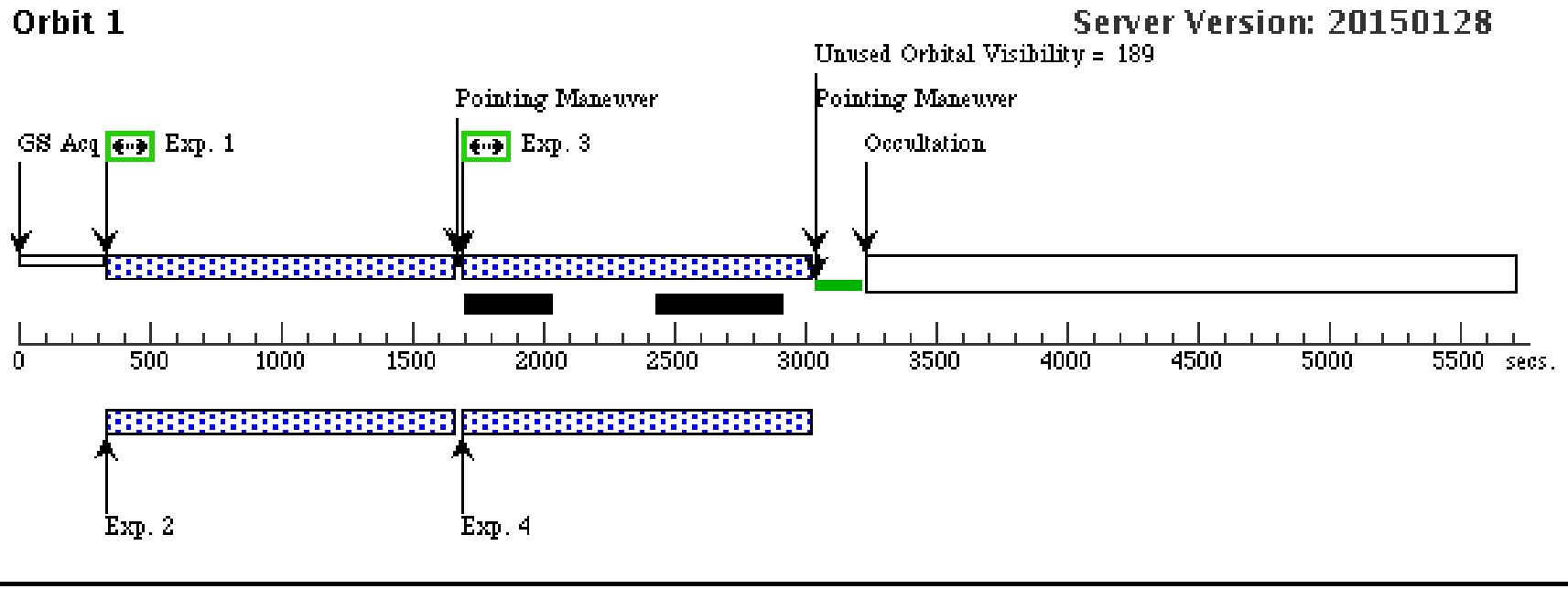
Fixed Targets

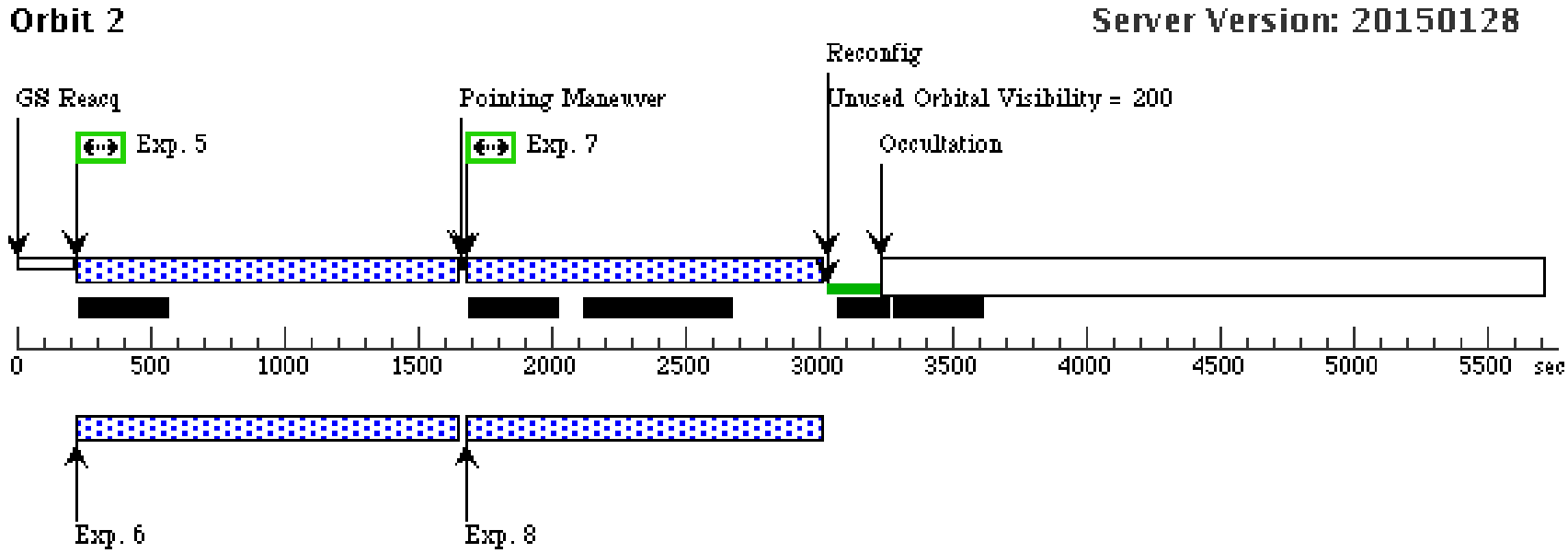
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.36972988,-6.457738535; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 45	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 45	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.00954289899999999,-6.400438368	Prime + Parallel Group 3-4 in Visit 45	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 45	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.14822 4469,-11.058341608	Prime + Parallel Group 5-6 in Visit 45	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 45	1402.936813 Secs (1402.937 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.507678431,-11.114961567	Prime + Parallel Group 7-8 in Visit 45	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 45	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 46, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

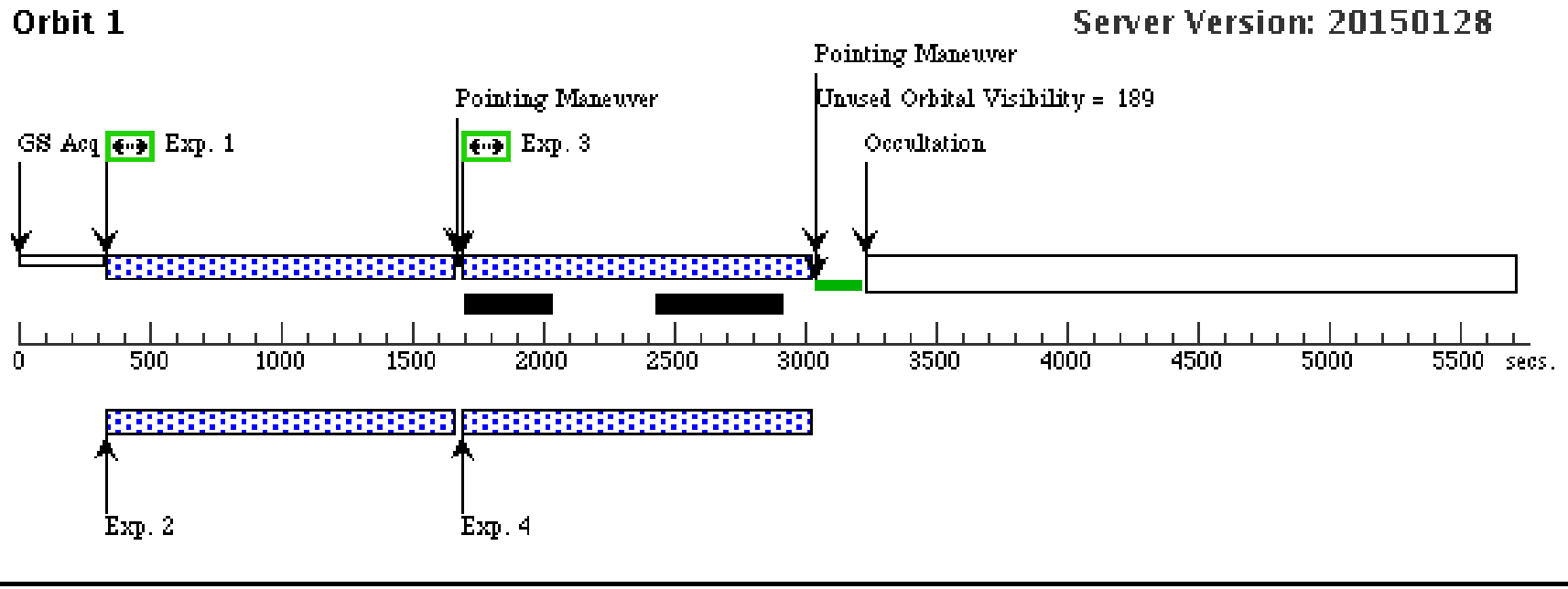
Fixed Targets

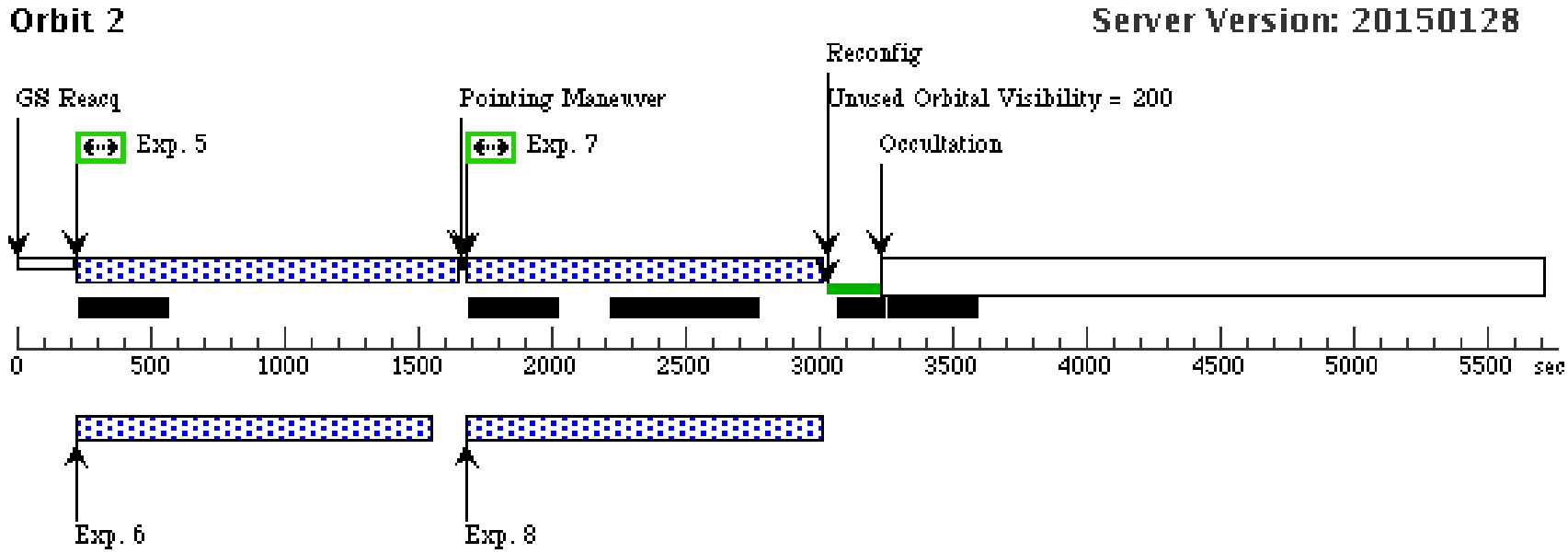
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.32495248,-6.159617265; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 46	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 46	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.035234501,-6.216917432	Prime + Parallel Group 3-4 in Visit 46	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 46	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.186277091,-10.817520505	Prime + Parallel Group 5-6 in Visit 46	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 46	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.173916071,-10.874820672	Prime + Parallel Group 7-8 in Visit 46	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 46	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 47, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

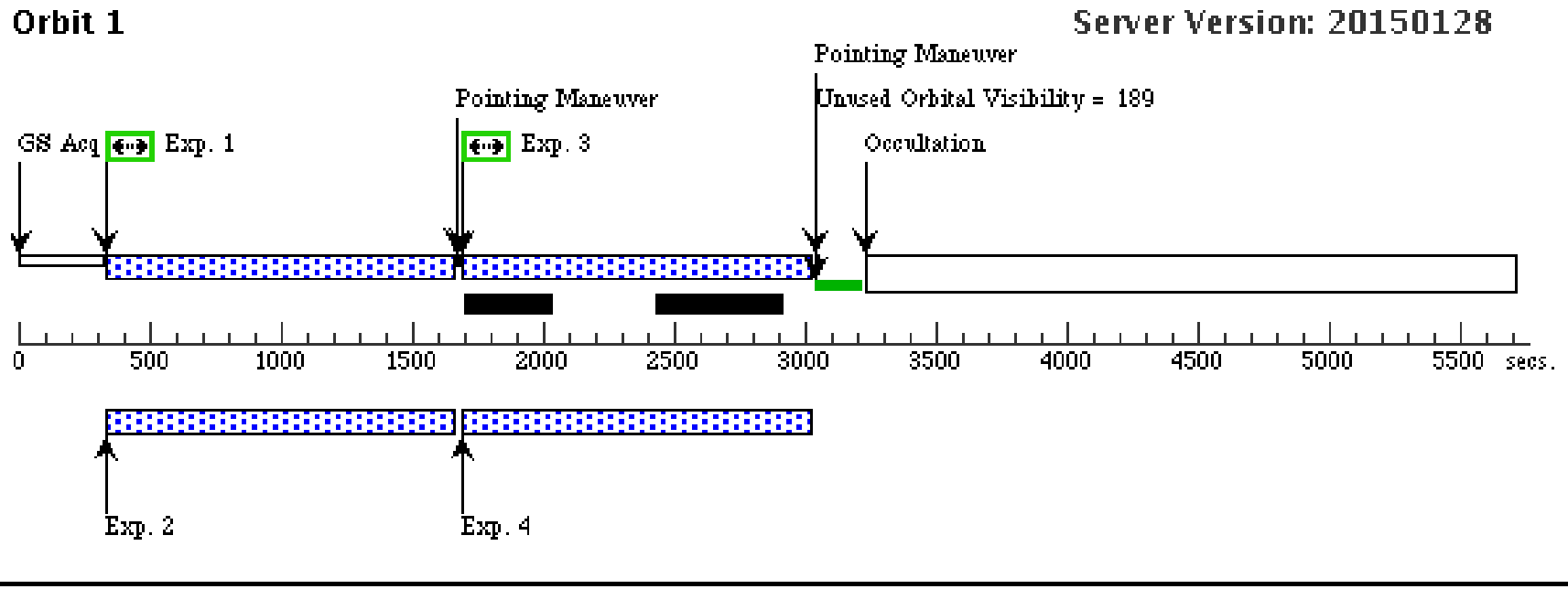
Fixed Targets

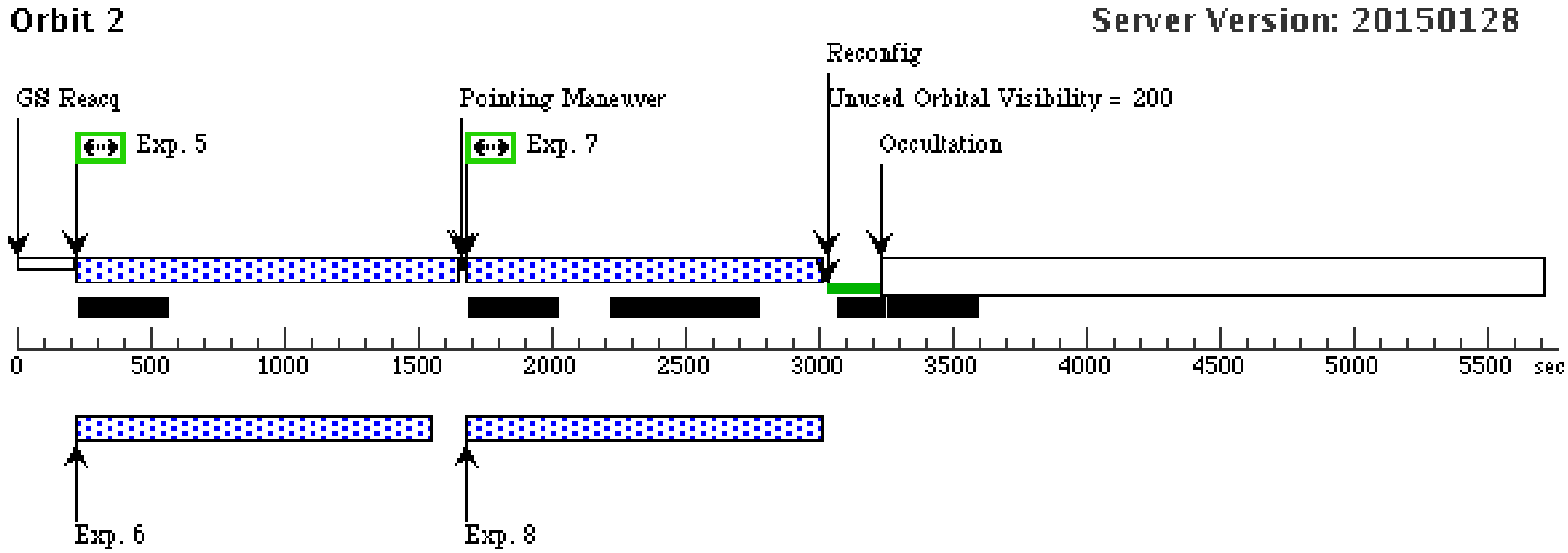
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.302146369,-6.429129658; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 47	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 47	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.057987801,-6.373242718	Prime + Parallel Group 3-4 in Visit 47	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 47	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.080640957999999 8,-11.029732731	Prime + Parallel Group 5-6 in Visit 47	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 47	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.440827939,-11.087032898	Prime + Parallel Group 7-8 in Visit 47	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 47	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 48, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

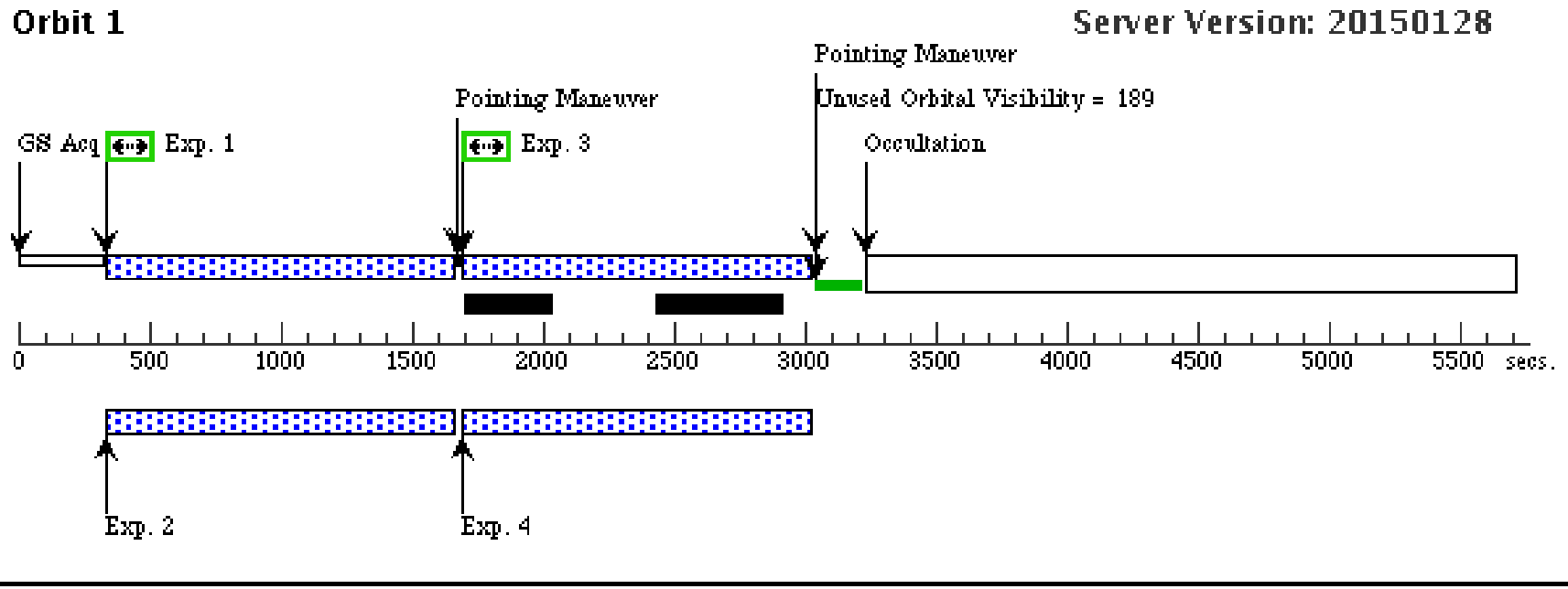
Fixed Targets

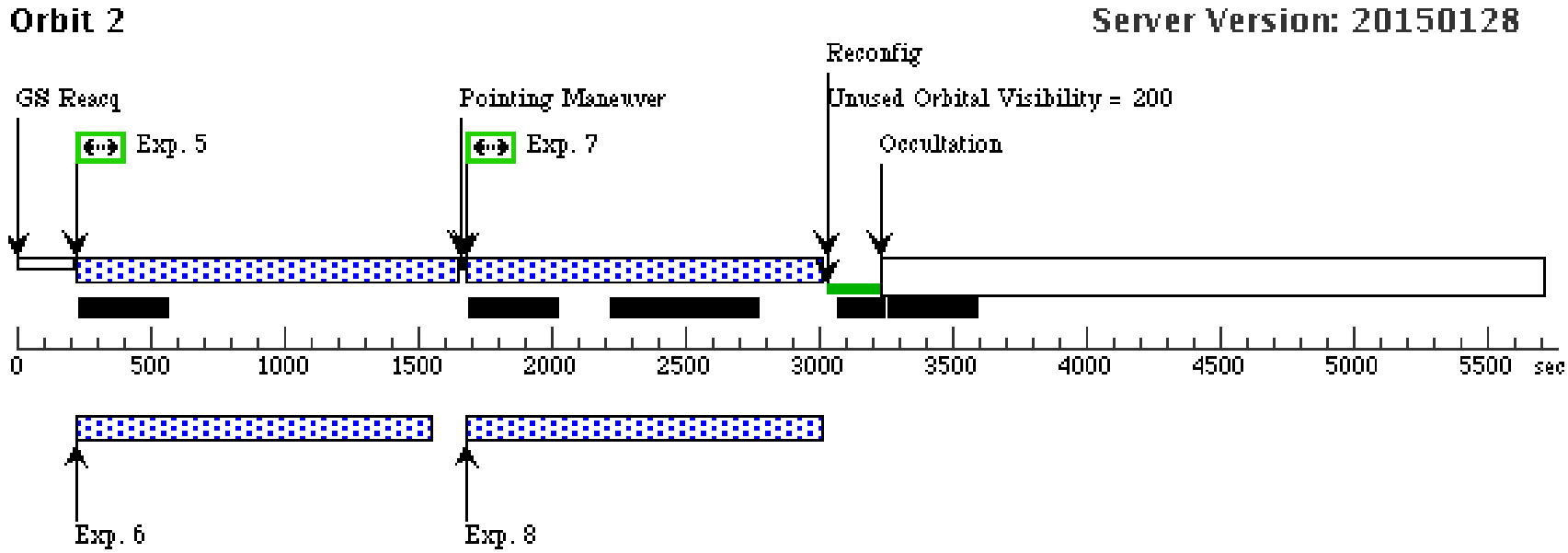
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.033578464,-6.269020927; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 48	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 48	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.326555706,-6.324907867	Prime + Parallel Group 3-4 in Visit 48	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 48	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.105050295,-10.92551094	Prime + Parallel Group 5-6 in Visit 48	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 48	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.465237276,-10.982811107	Prime + Parallel Group 7-8 in Visit 48	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 48	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 49, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

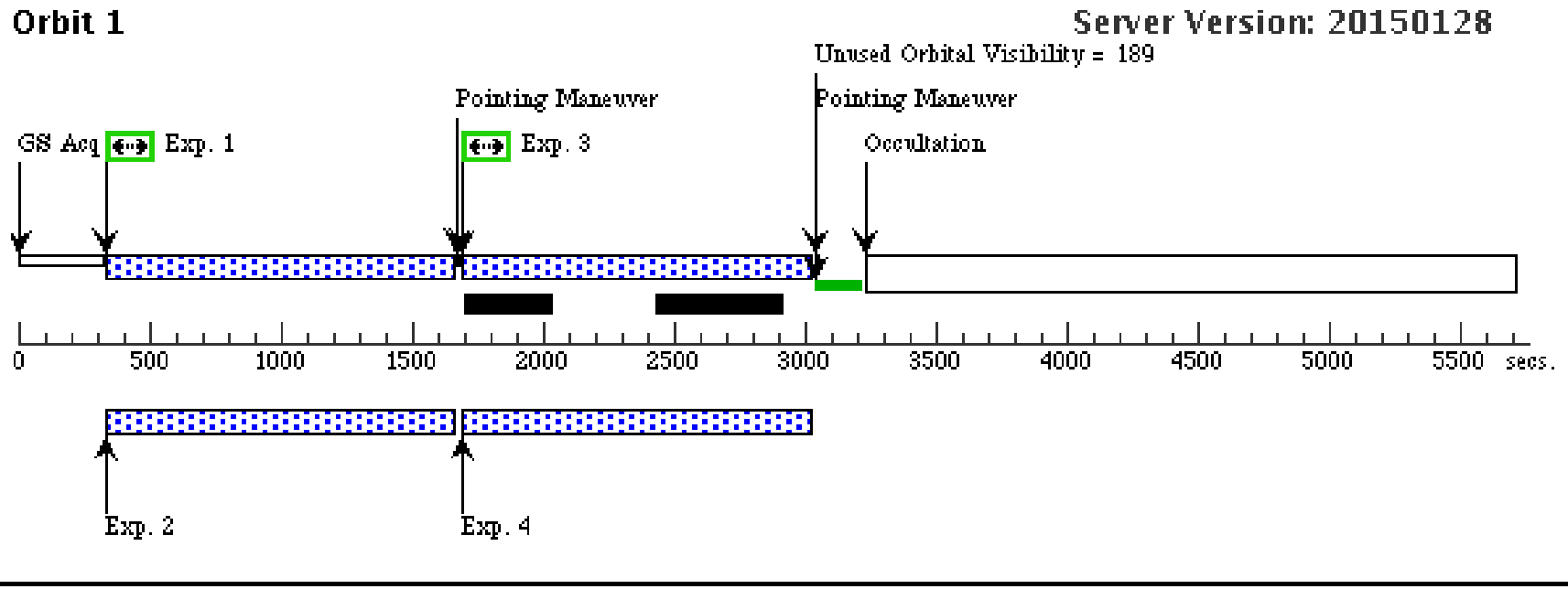
Fixed Targets

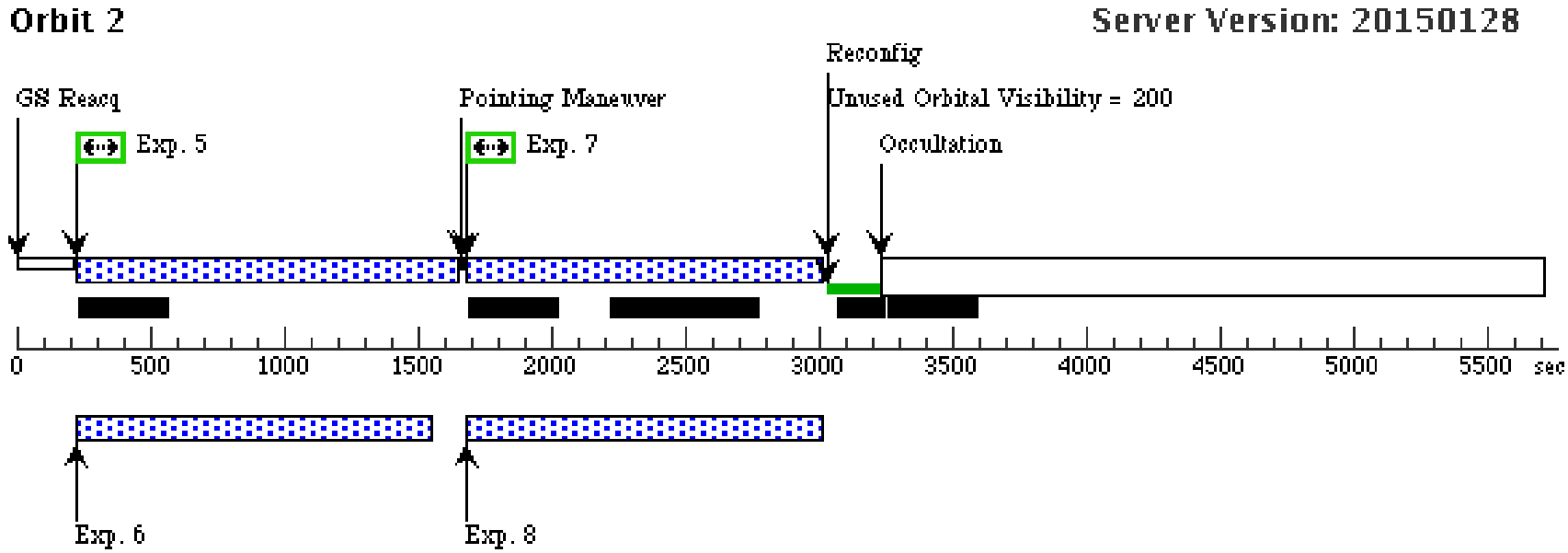
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.328773826,-5.910878832; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 49	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 49	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.031360344,-5.854991892	Prime + Parallel Group 3-4 in Visit 49	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 49	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.107268415,-10.511481905	Prime + Parallel Group 5-6 in Visit 49	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 49	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.467455396,-10.568782072	Prime + Parallel Group 7-8 in Visit 49	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 49	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 50, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

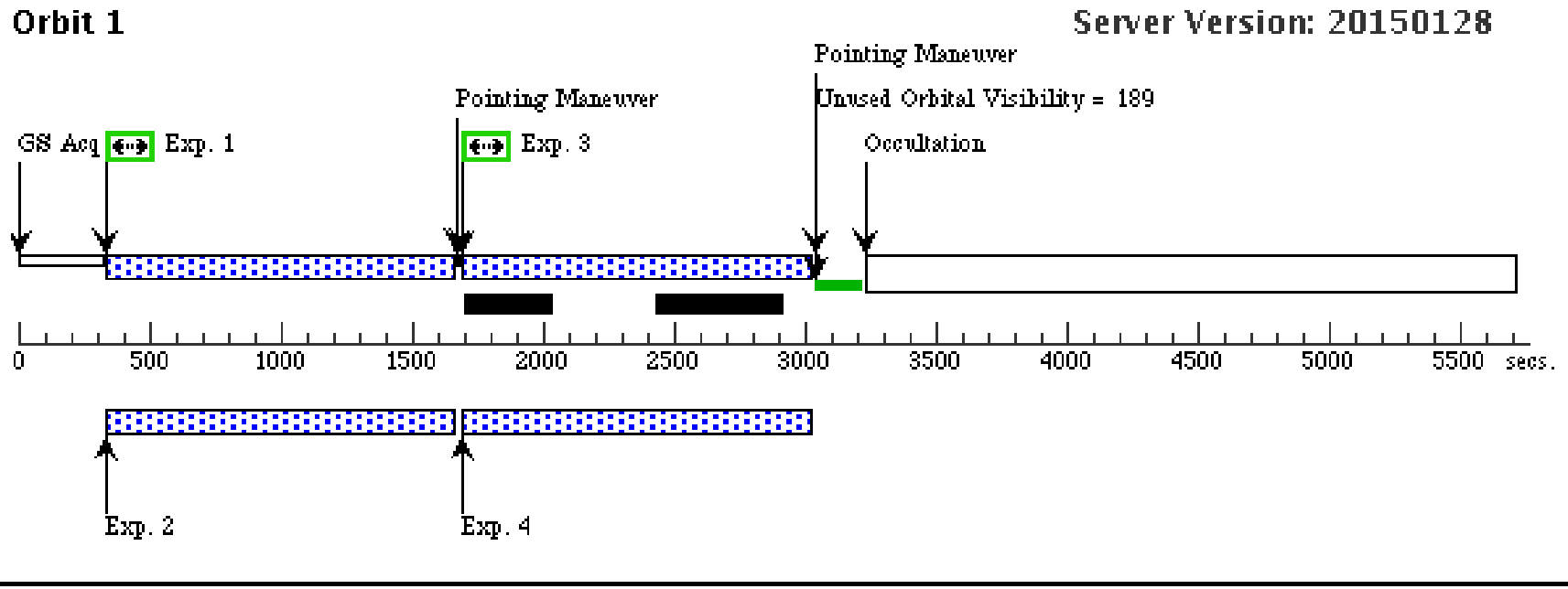
Fixed Targets

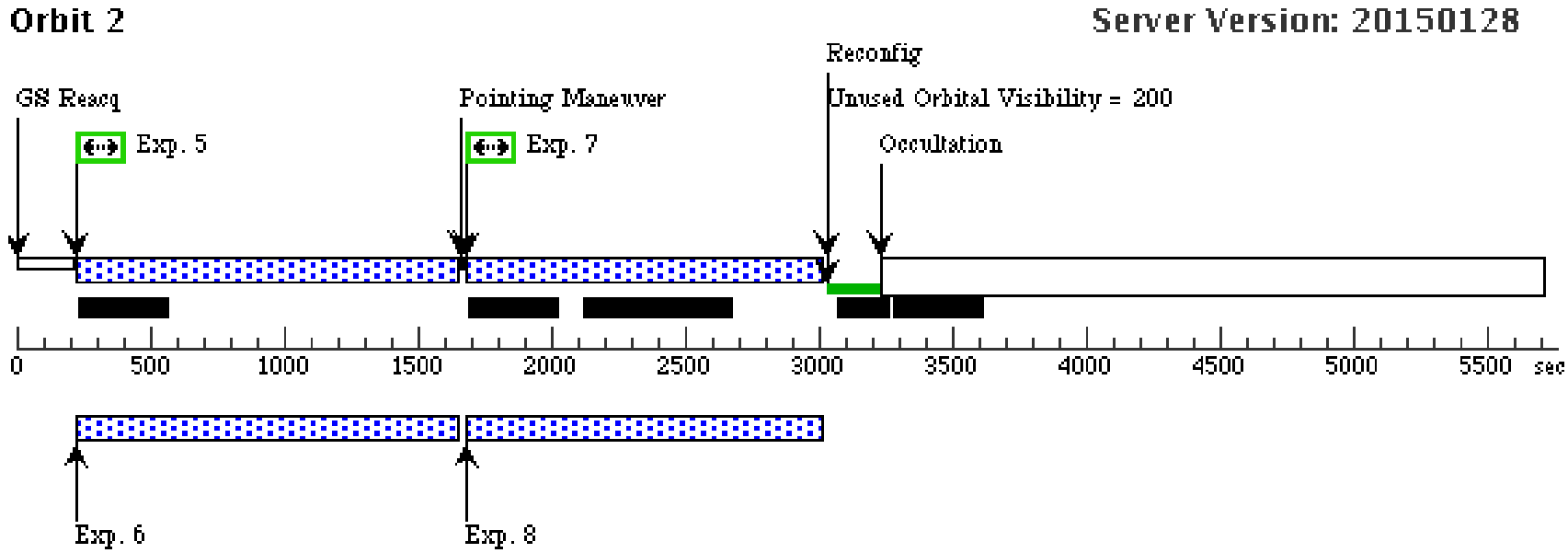
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.28653 3318,-6.068129376; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 50	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 50	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.64672 0299,-6.125429543	Prime + Parallel Group 3-4 in Visit 50	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 50	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.42521 4888,-10.726032616	Prime + Parallel Group 5-6 in Visit 50	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 50	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.78540 1869,-10.783332783	Prime + Parallel Group 7-8 in Visit 50	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 50	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 51, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

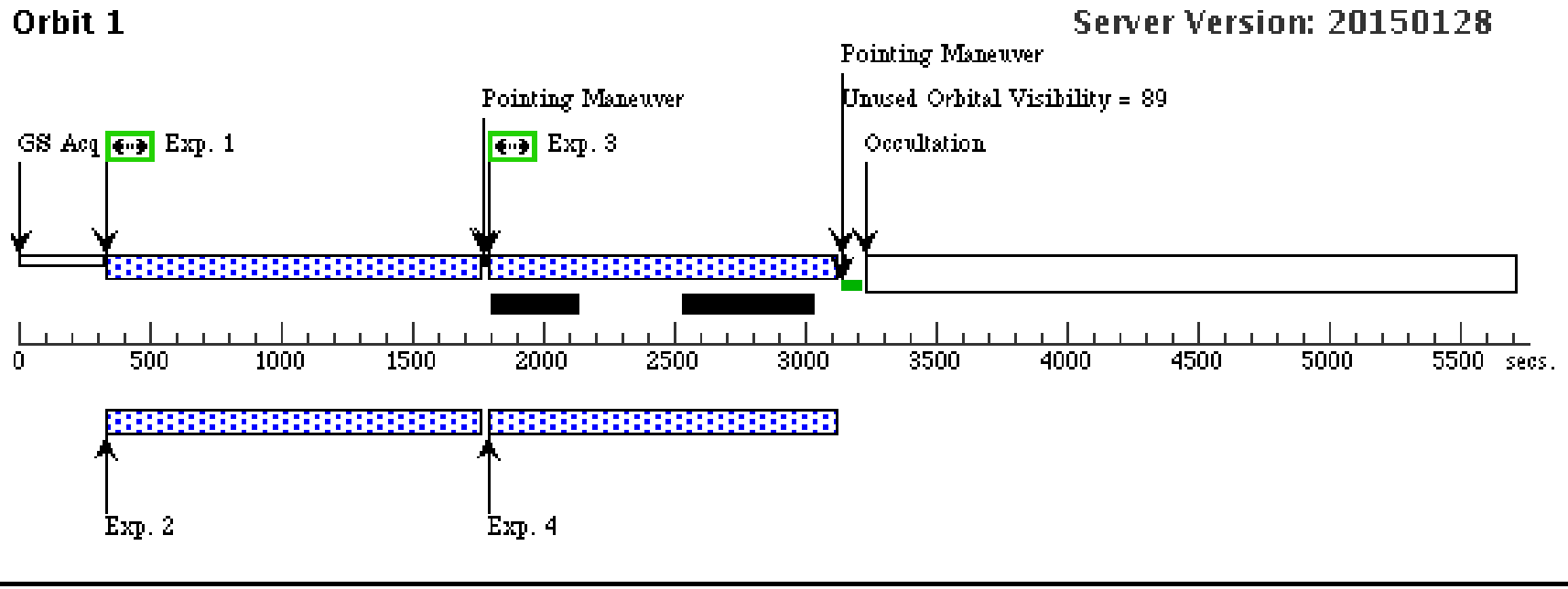
Fixed Targets

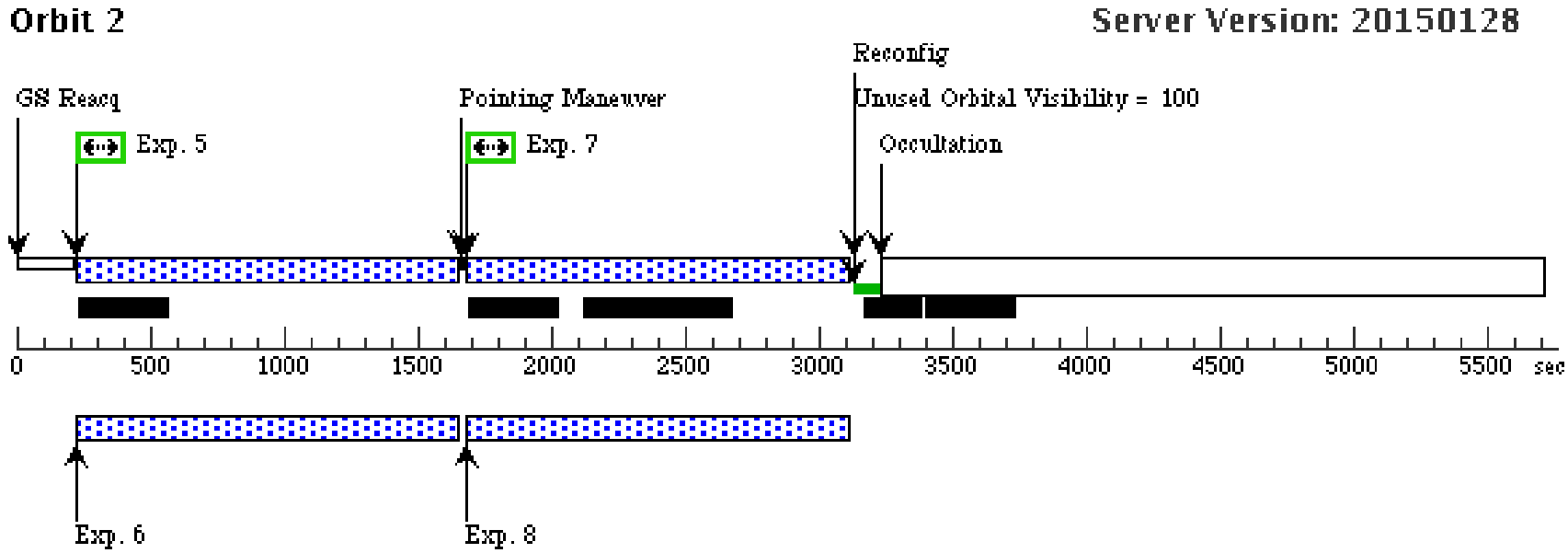
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.379075412,-5.912537109; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 51	1225 Secs (1225 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 51	1402.936813 Secs (1402.937 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.01962145,-5.85591715	Prime + Parallel Group 3-4 in Visit 51	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 51	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.157570001,-10.513140182	Prime + Parallel Group 5-6 in Visit 51	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 51	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.51843719,-10.56970733	Prime + Parallel Group 7-8 in Visit 51	1307 Secs (1307 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 51	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 52, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

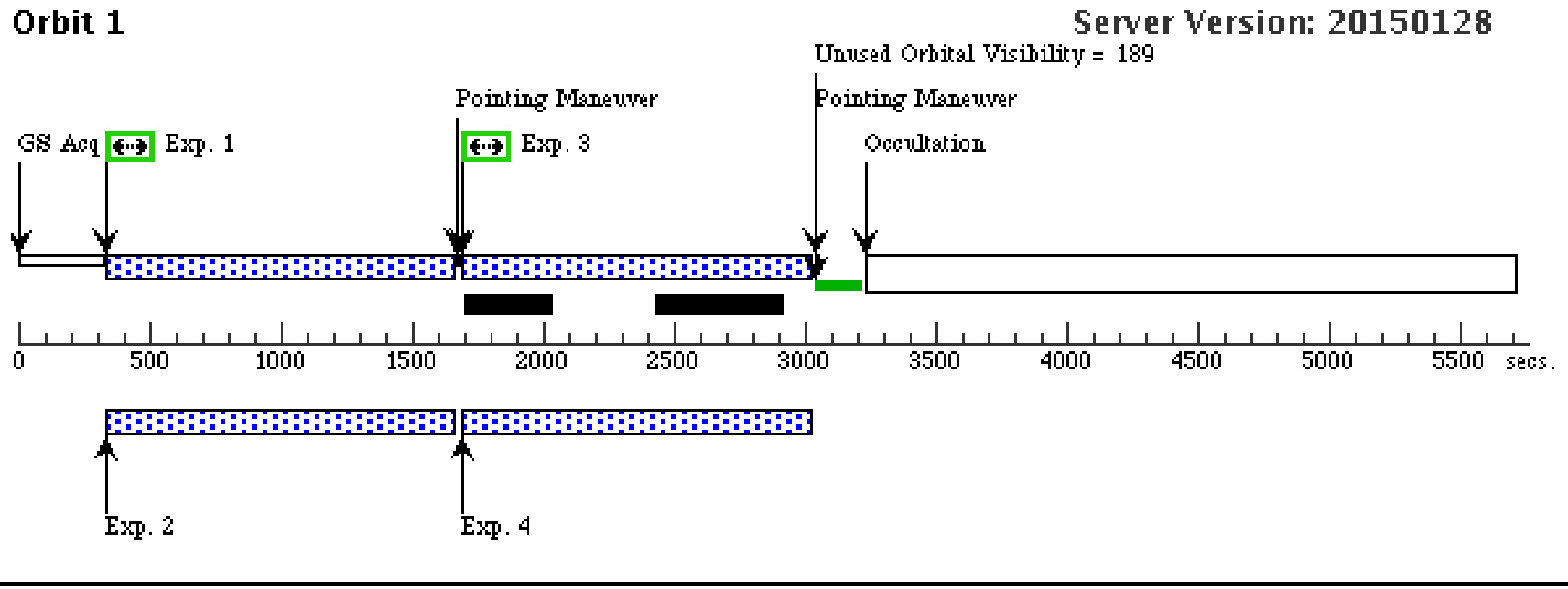
Fixed Targets

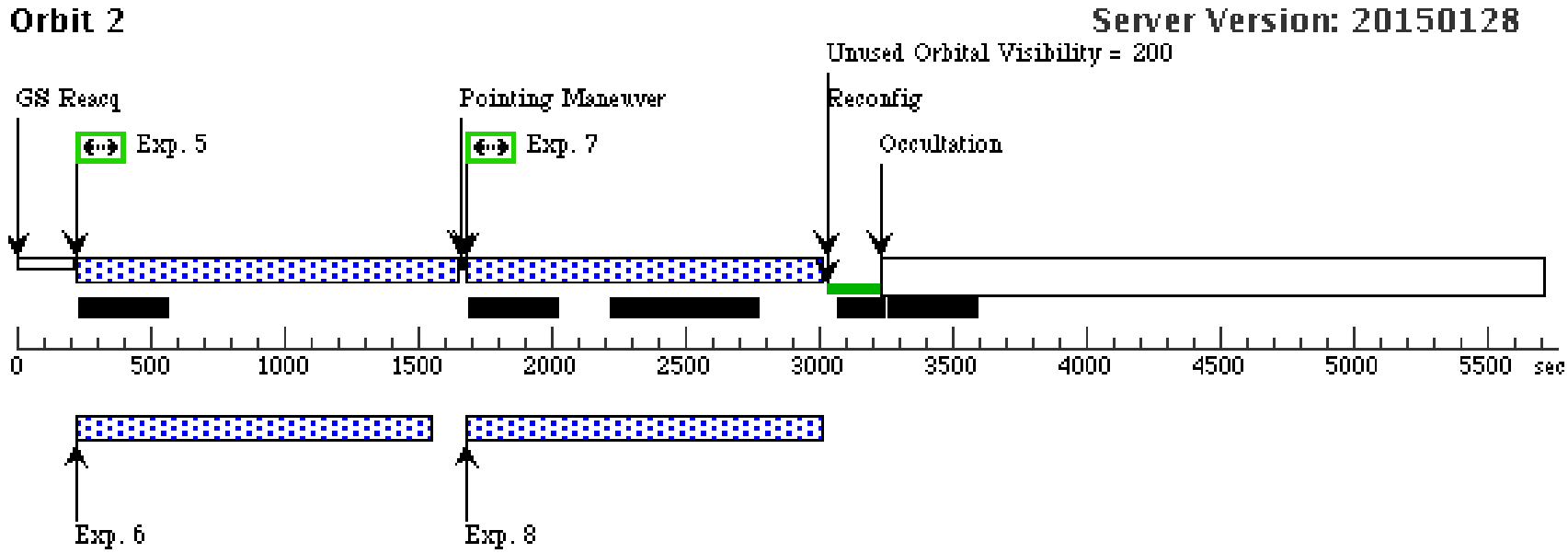
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.05998408,-6.509176565; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 52	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 52	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.299469882,-6.565796524	Prime + Parallel Group 3-4 in Visit 52	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 52	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.0779644710000001,-11.166399597	Prime + Parallel Group 5-6 in Visit 52	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 52	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.438151452,-11.223699764	Prime + Parallel Group 7-8 in Visit 52	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 52	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 53, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

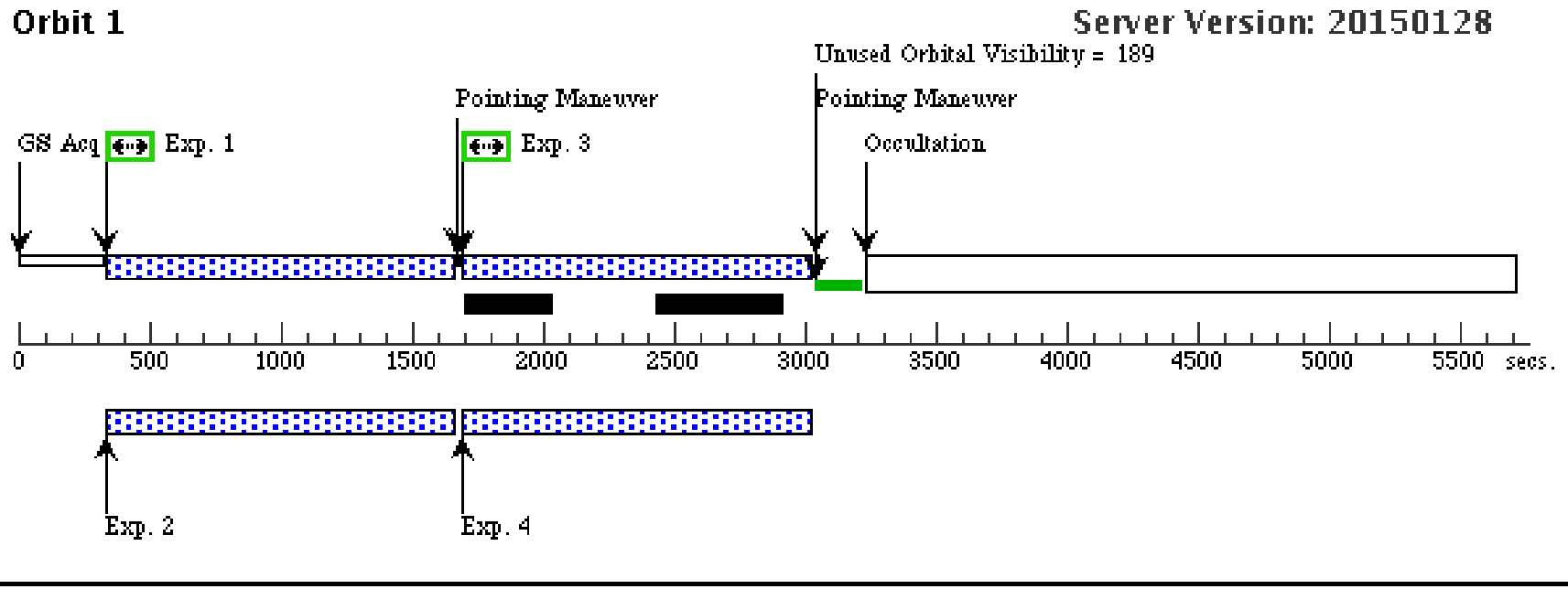
Fixed Targets

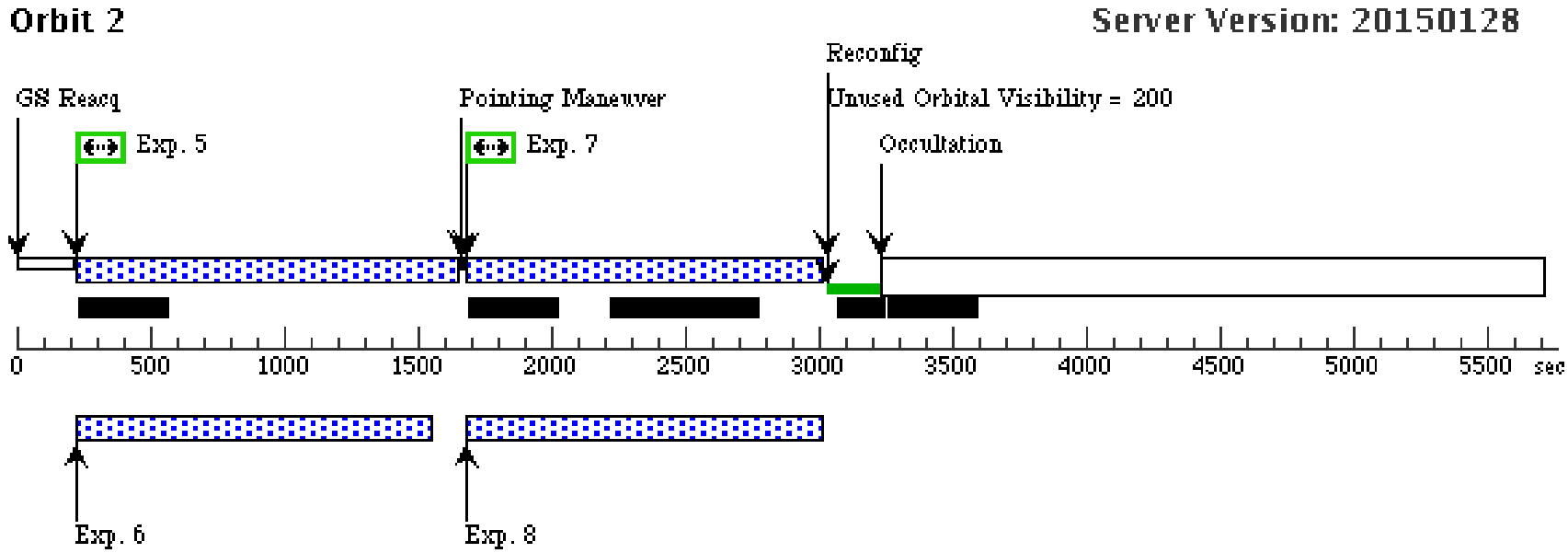
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.314075436,-5.782644852; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 53	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 53	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.046111545,-5.725344685	Prime + Parallel Group 3-4 in Visit 53	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 53	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.092570025,-10.383247925	Prime + Parallel Group 5-6 in Visit 53	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 53	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.452757006,-10.440548092	Prime + Parallel Group 7-8 in Visit 53	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 53	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 54, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

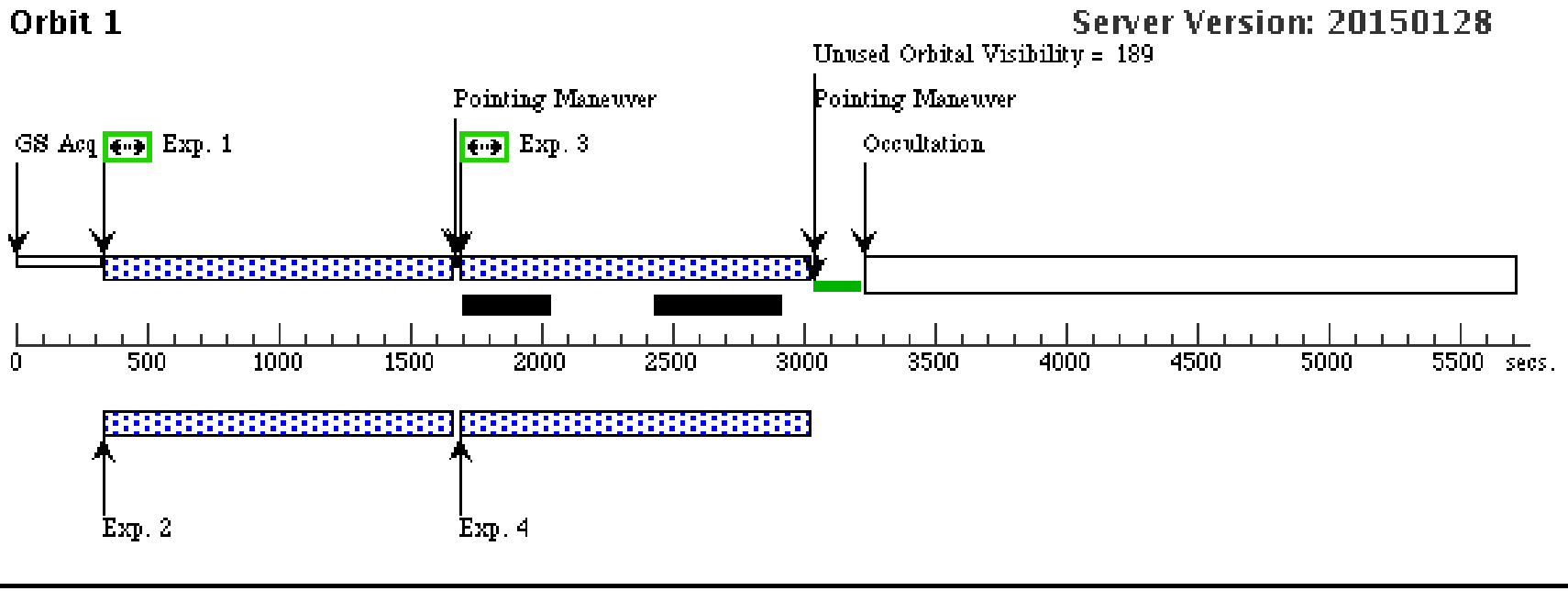
Fixed Targets

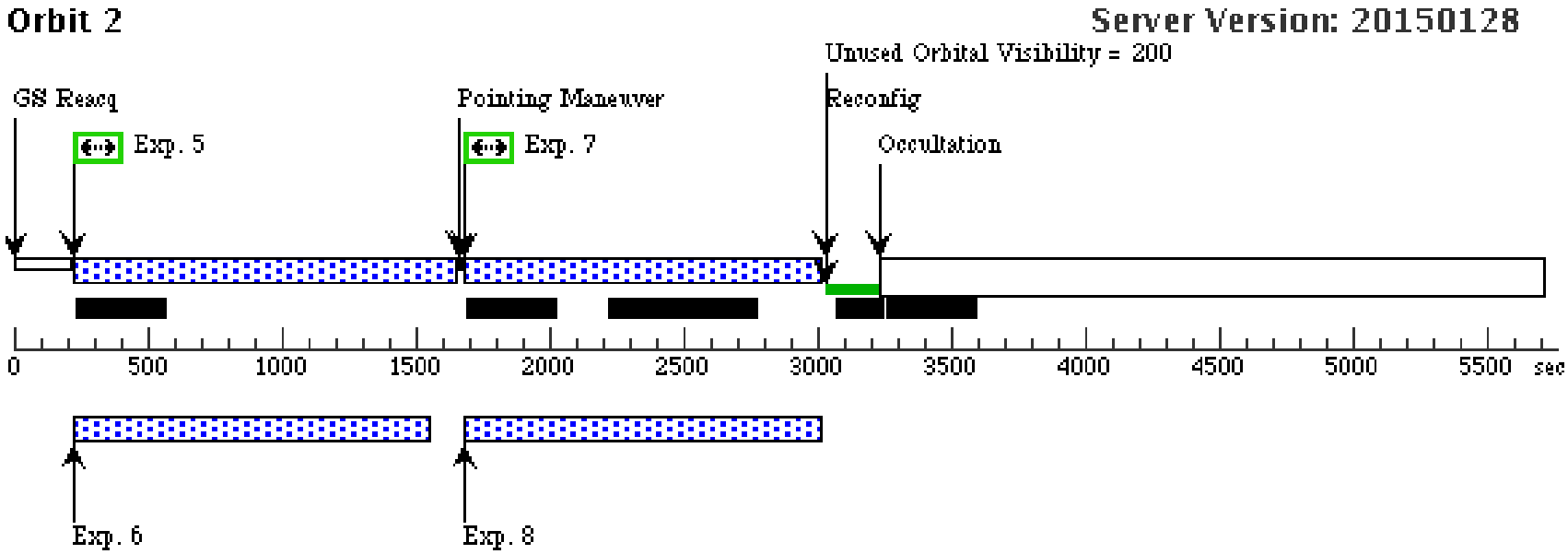
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.21345107,-6.34682449; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 54	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 54	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.57363 8051,-6.404124657	Prime + Parallel Group 3-4 in Visit 54	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 54	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.35213 264,-11.00472773	Prime + Parallel Group 5-6 in Visit 54	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 54	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.71231 9621,-11.062027897	Prime + Parallel Group 7-8 in Visit 54	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 54	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 55 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 55, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

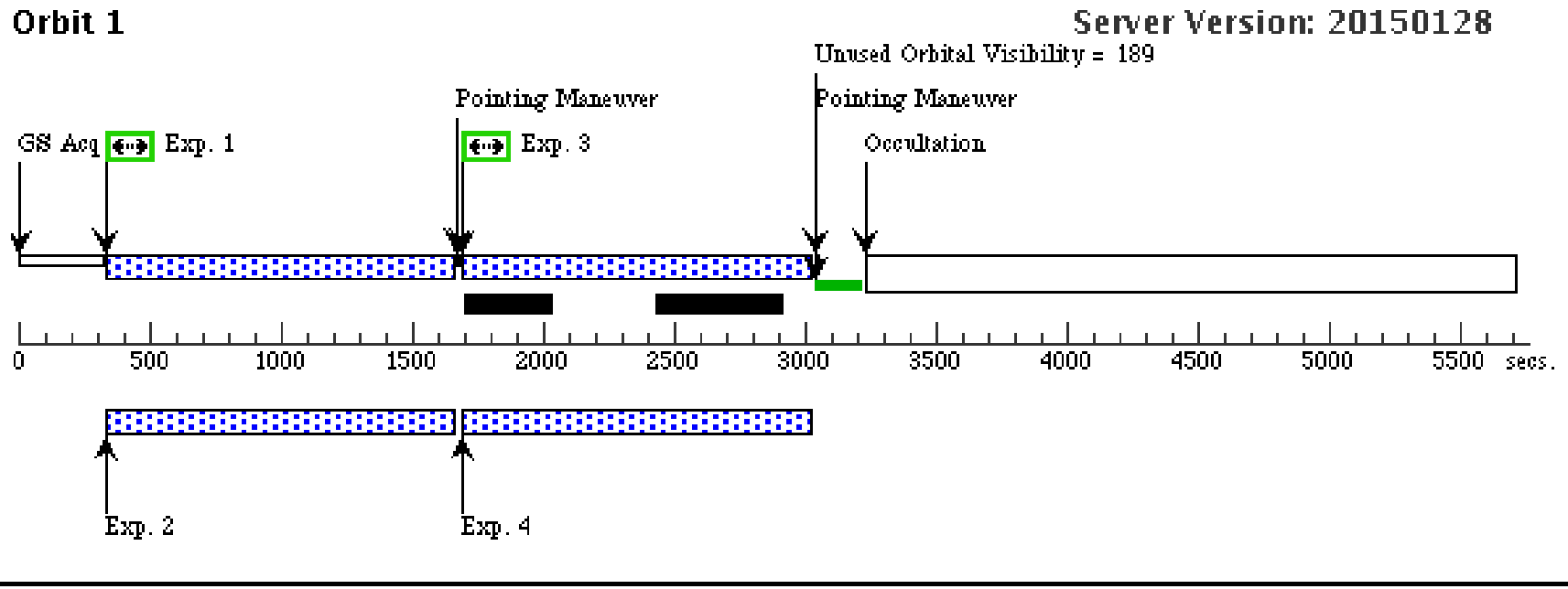
Fixed Targets

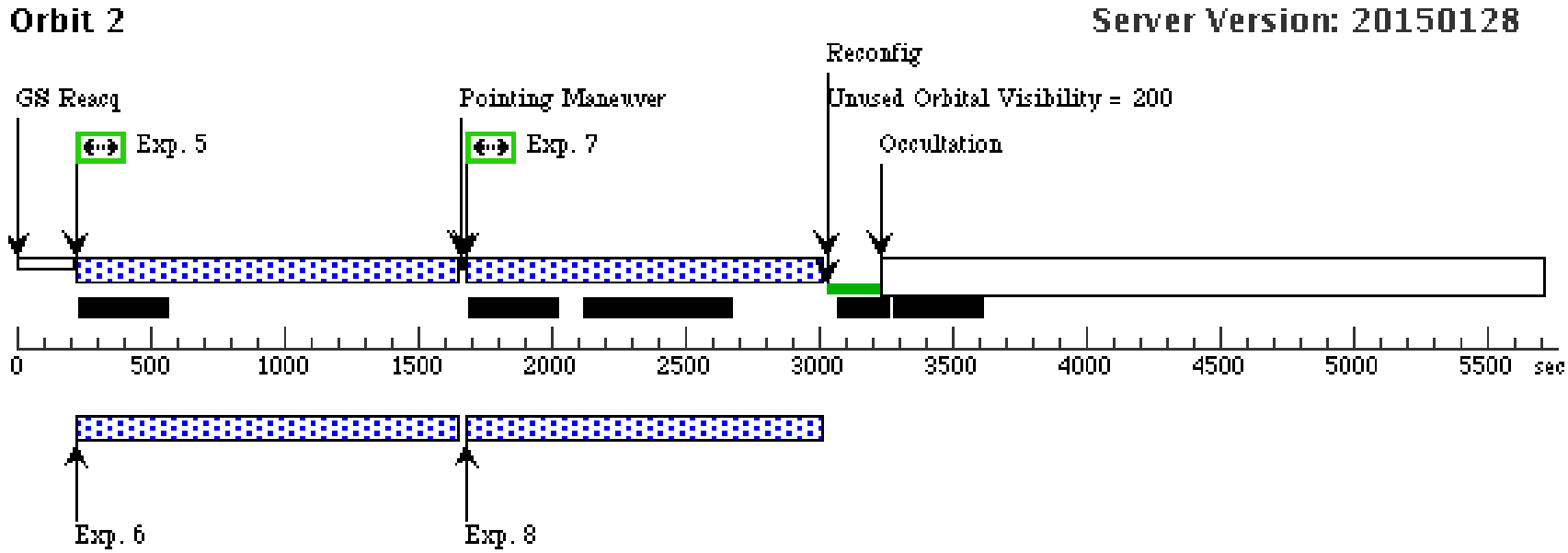
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.374402646,-6.185137822; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 55	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 55	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.014215665,-6.127837655	Prime + Parallel Group 3-4 in Visit 55	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 55	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.152897235,-10.785740895	Prime + Parallel Group 5-6 in Visit 55	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 55	1402.936813 Secs (1402.937 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.513084216,-10.843041062	Prime + Parallel Group 7-8 in Visit 55	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 55	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 56 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 56, implementation Thu Apr 02 01:04:39 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

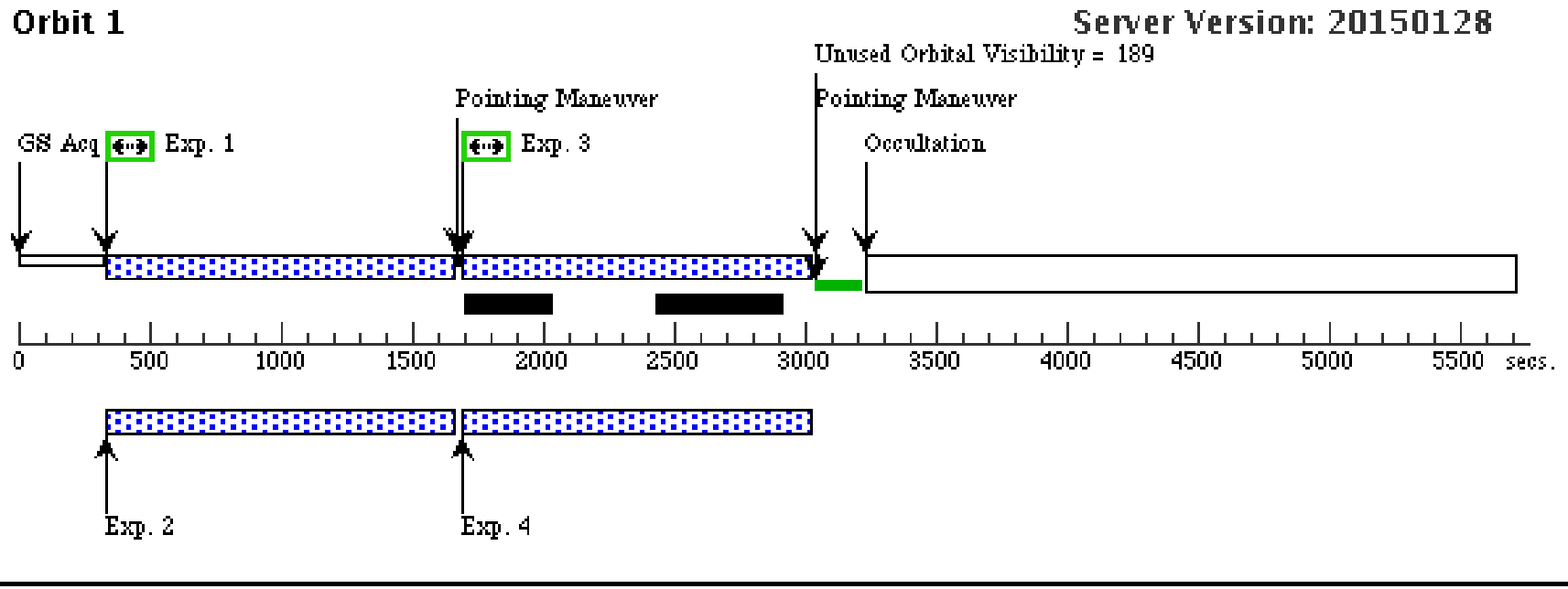
Fixed Targets

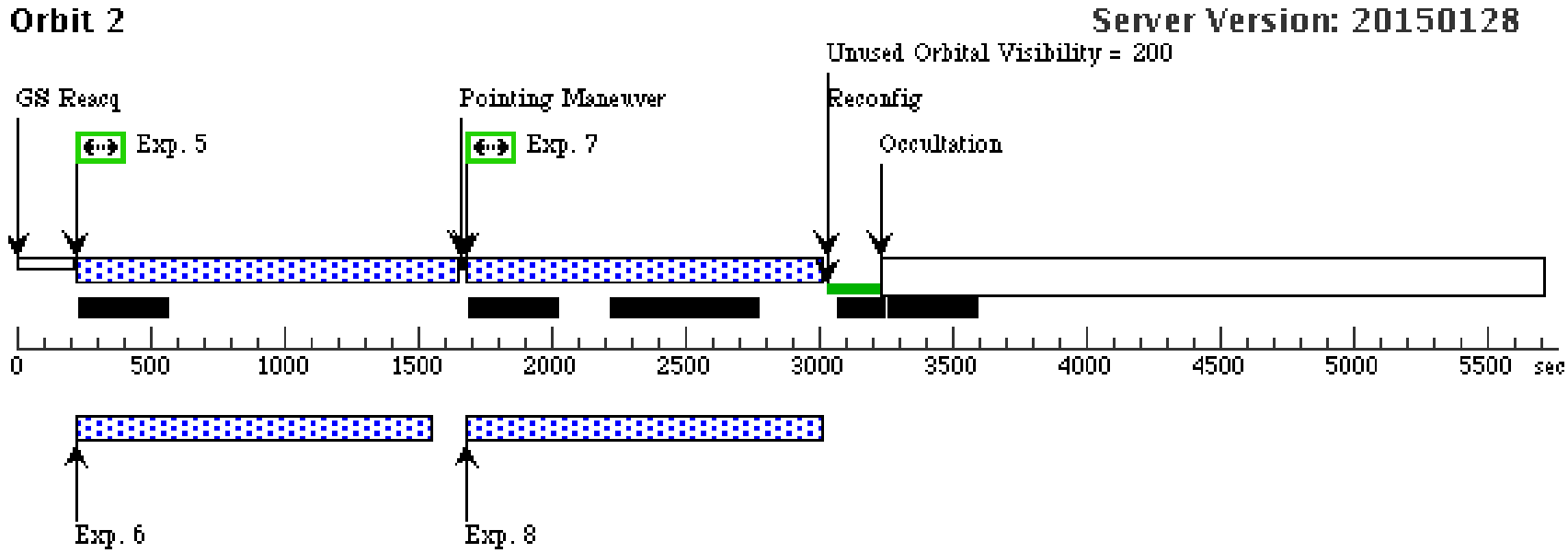
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.215301586,-6.244860902; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 56	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 56	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.575488567,-6.302161069	Prime + Parallel Group 3-4 in Visit 56	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 56	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.353983156,-10.902764142	Prime + Parallel Group 5-6 in Visit 56	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 56	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.714170137,-10.960064309	Prime + Parallel Group 7-8 in Visit 56	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 56	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 57, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

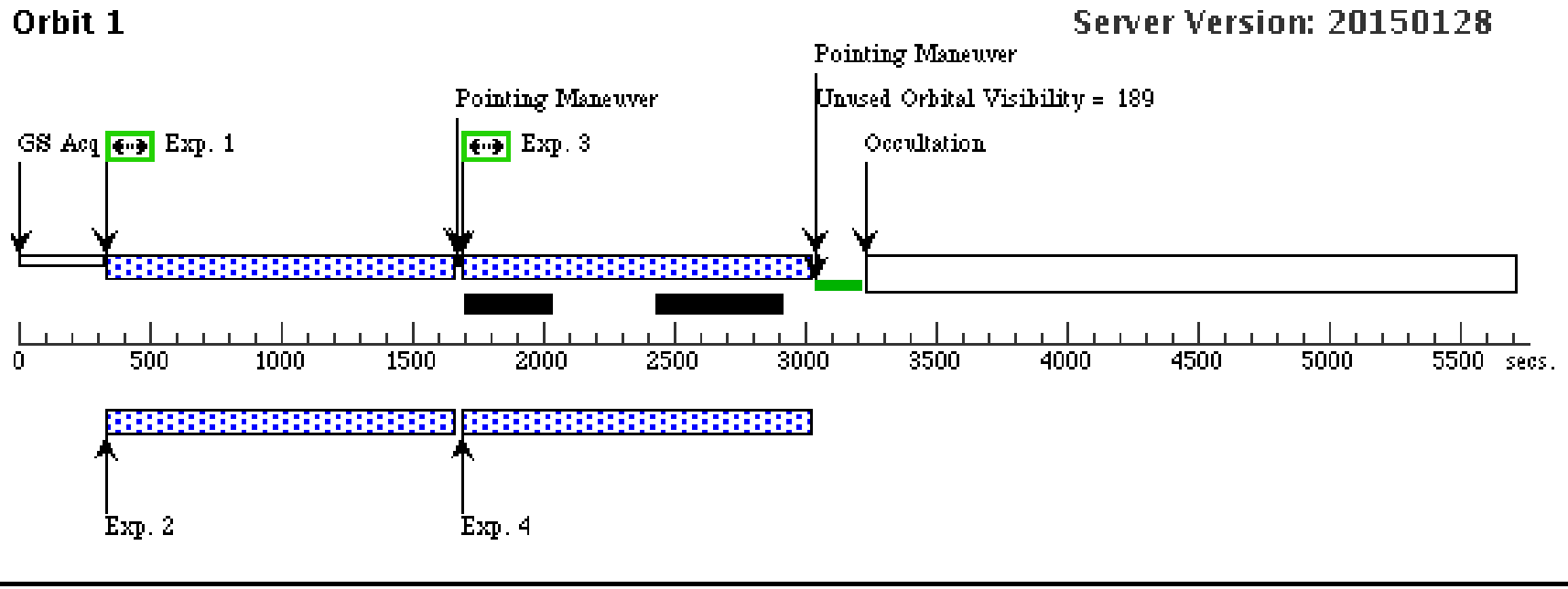
Fixed Targets

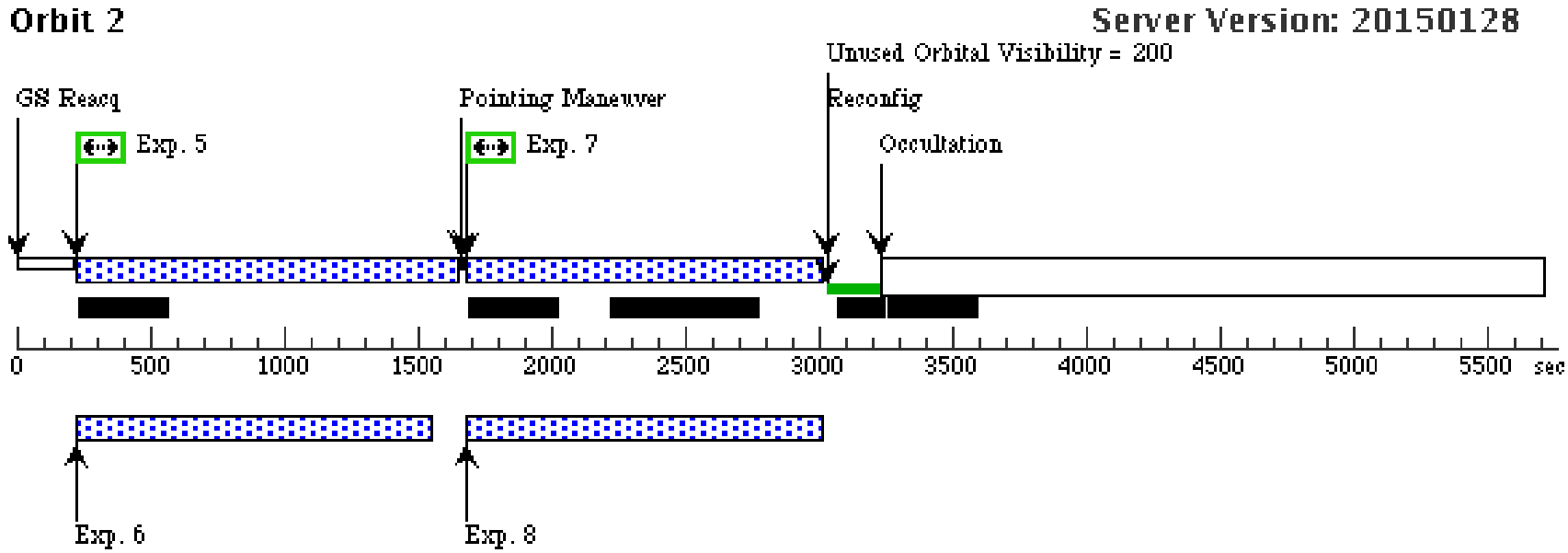
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.030707498,-6.455547886; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 57	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 57	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.329479483,-6.398247719	Prime + Parallel Group 3-4 in Visit 57	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 57	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.190797913,-11.056150959	Prime + Parallel Group 5-6 in Visit 57	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 57	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.170069276,-11.112718107	Prime + Parallel Group 7-8 in Visit 57	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 57	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 58, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

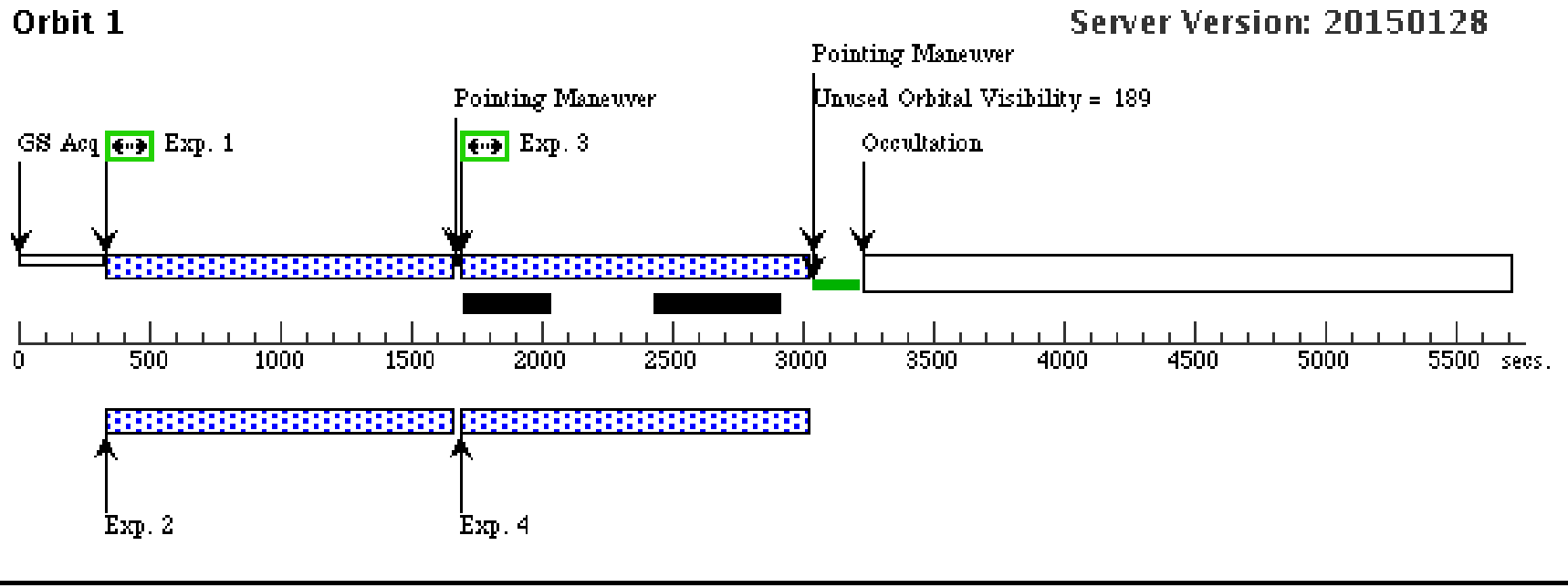
Fixed Targets

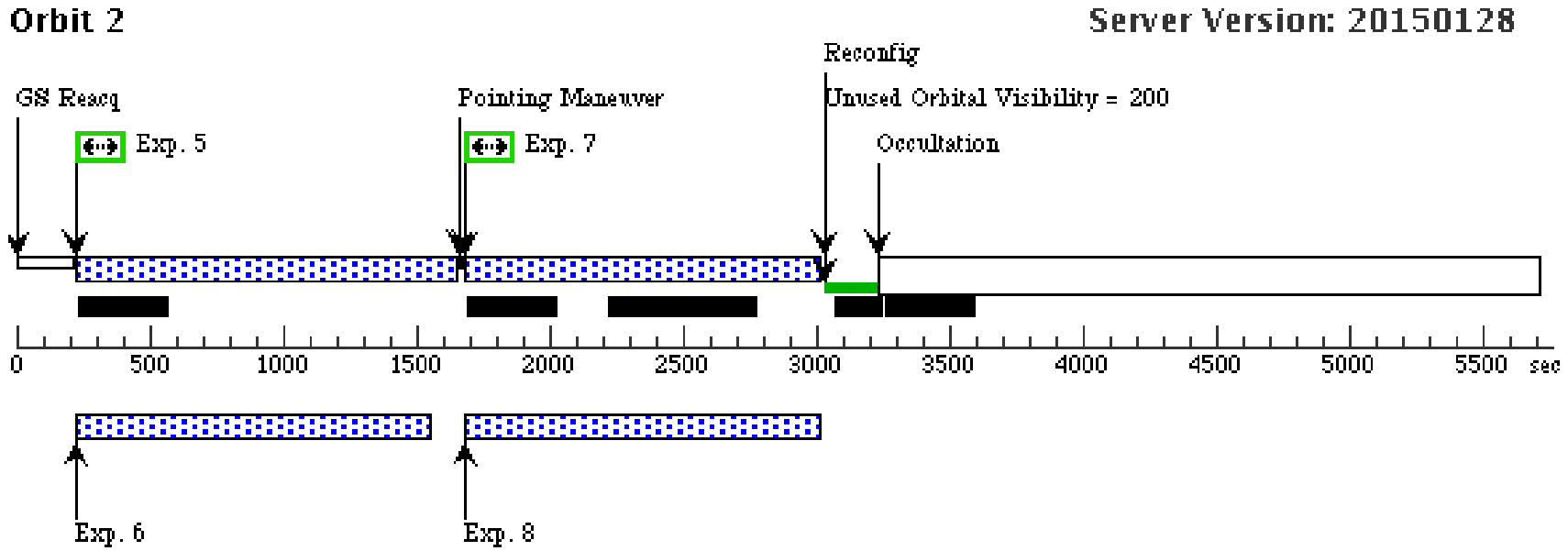
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.3276 28967,-6.296284131; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 58	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 58	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.03323 8222,-6.352851279	Prime + Parallel Group 3-4 in Visit 58	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 58	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.1889 47397,-10.954187371	Prime + Parallel Group 5-6 in Visit 58	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 58	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.17118 6773,-11.010074311	Prime + Parallel Group 7-8 in Visit 58	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 58	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 59 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 59, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

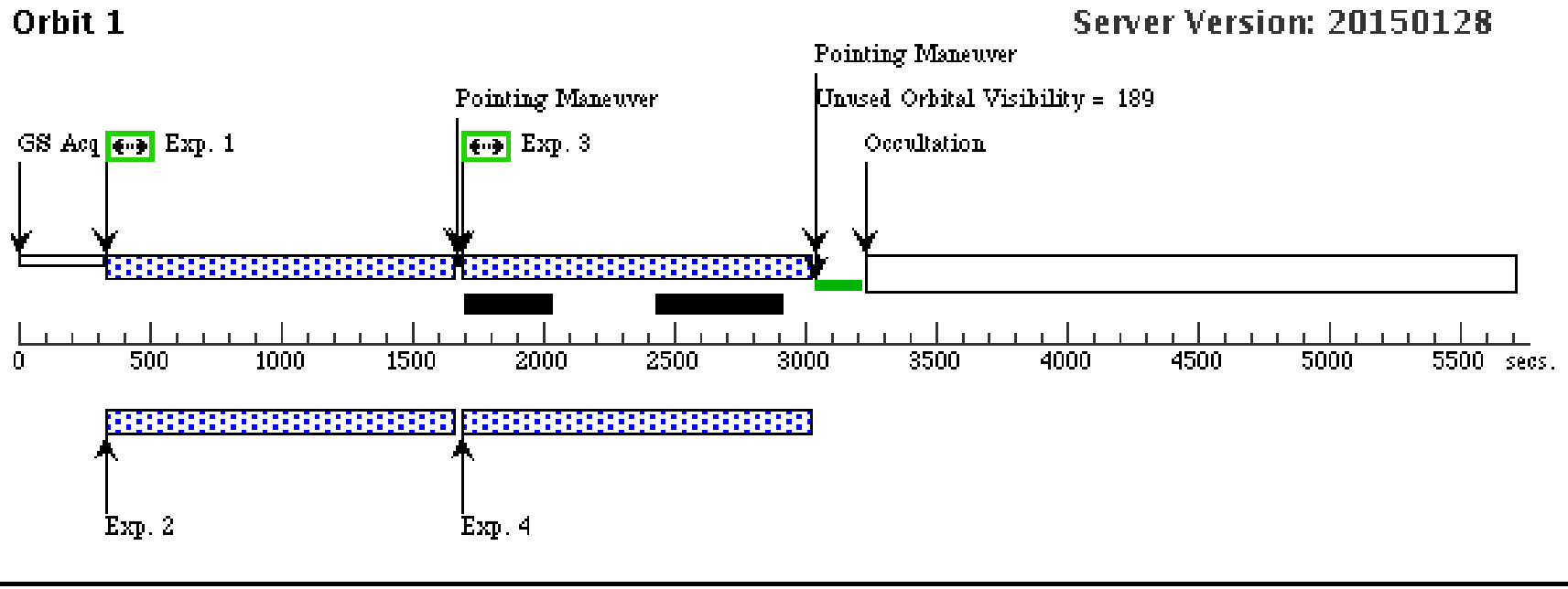
Fixed Targets

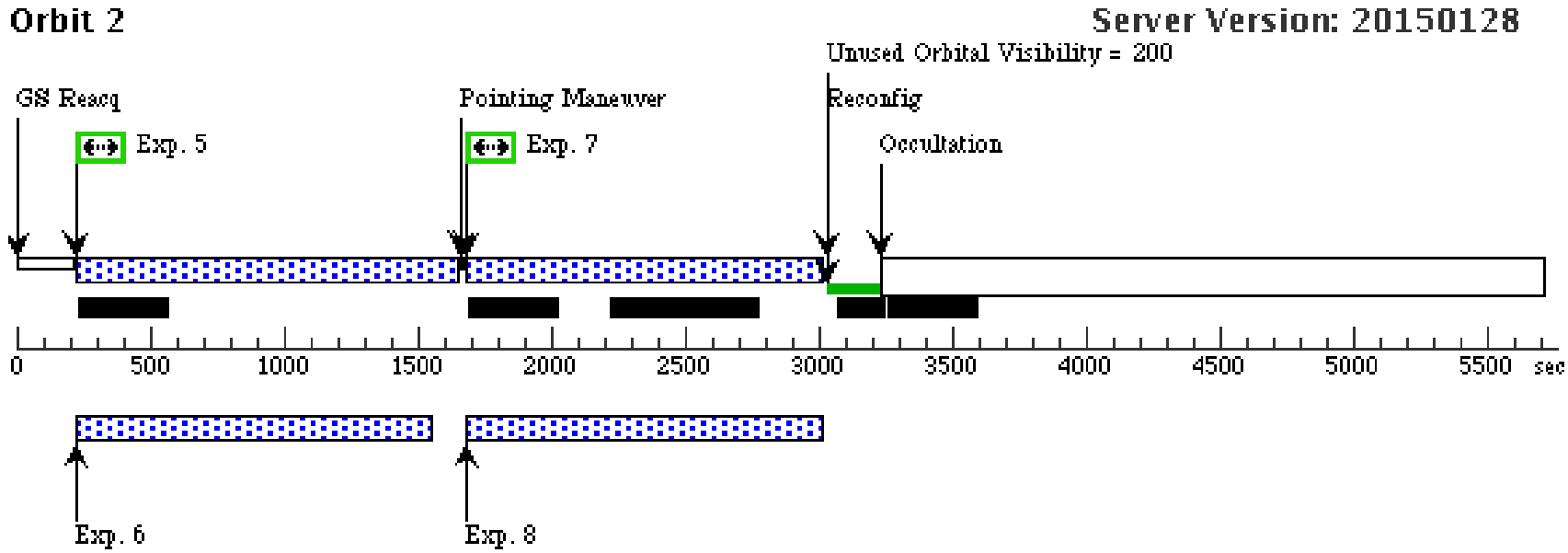
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.18102869,-6.577298783; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 59	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 59	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.179164112,-6.519998616	Prime + Parallel Group 3-4 in Visit 59	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 59	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.040482542,-11.177901856	Prime + Parallel Group 5-6 in Visit 59	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 59	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.319704439,-11.235202023	Prime + Parallel Group 7-8 in Visit 59	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 59	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 60 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 60, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

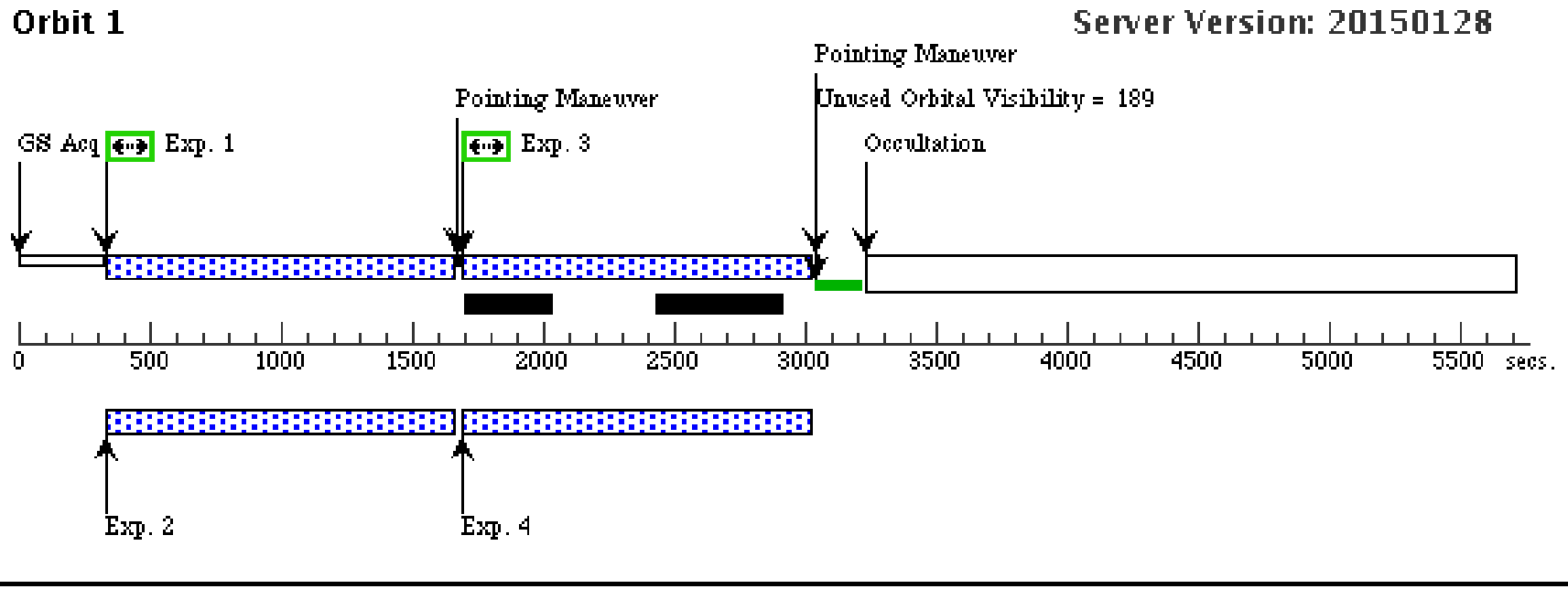
Fixed Targets

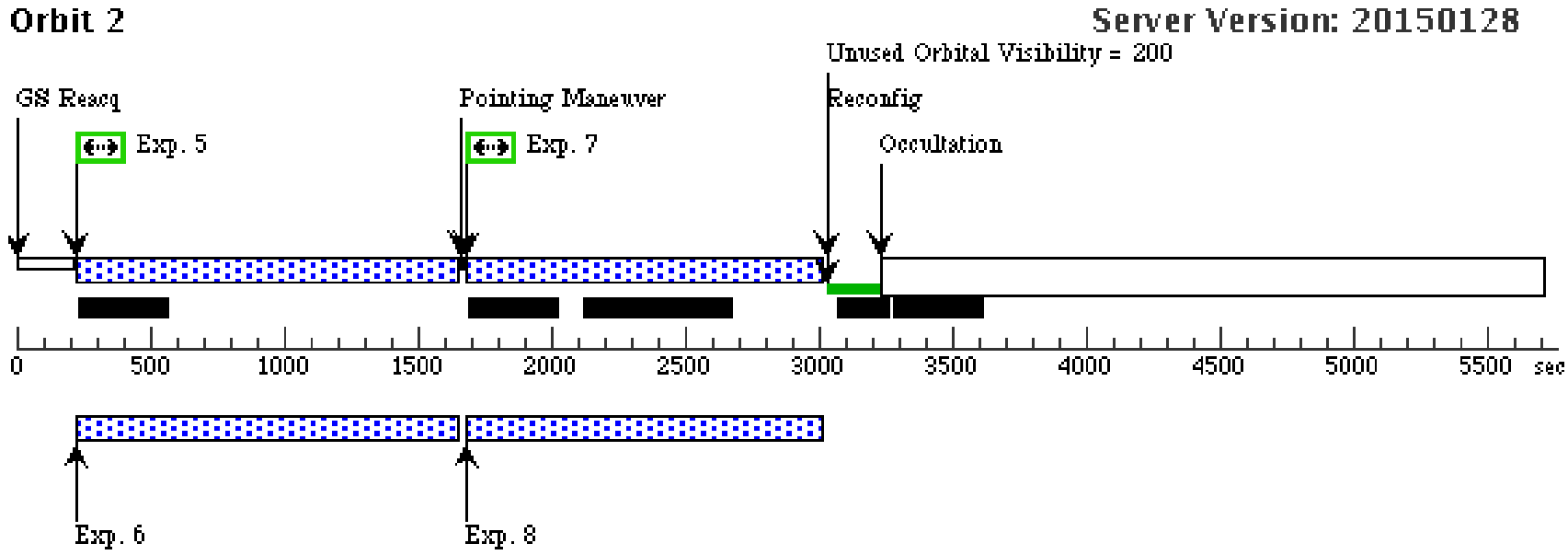
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.256397235,-6.119552605; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 60	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 60	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.103789746,-6.176852772	Prime + Parallel Group 3-4 in Visit 60	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 60	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.117715665,-10.777455845	Prime + Parallel Group 5-6 in Visit 60	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 60	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.242418505,-10.833342785	Prime + Parallel Group 7-8 in Visit 60	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 60	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 61, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

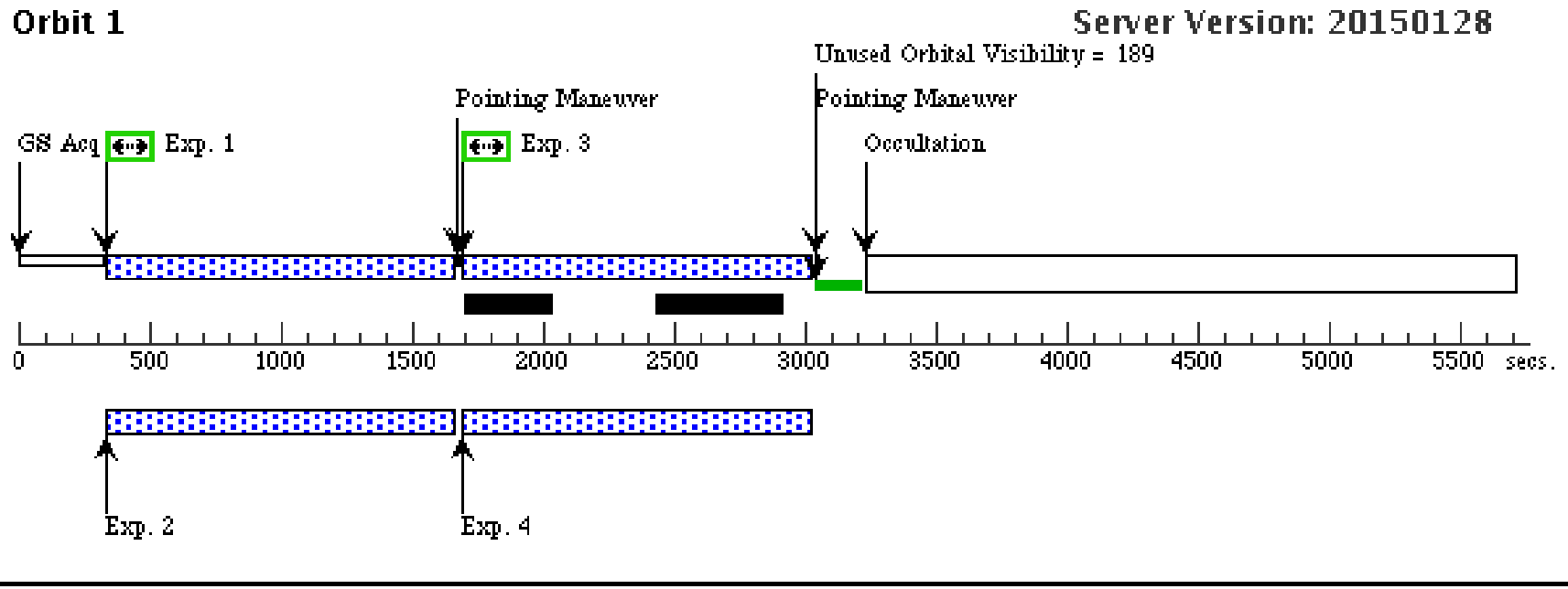
Fixed Targets

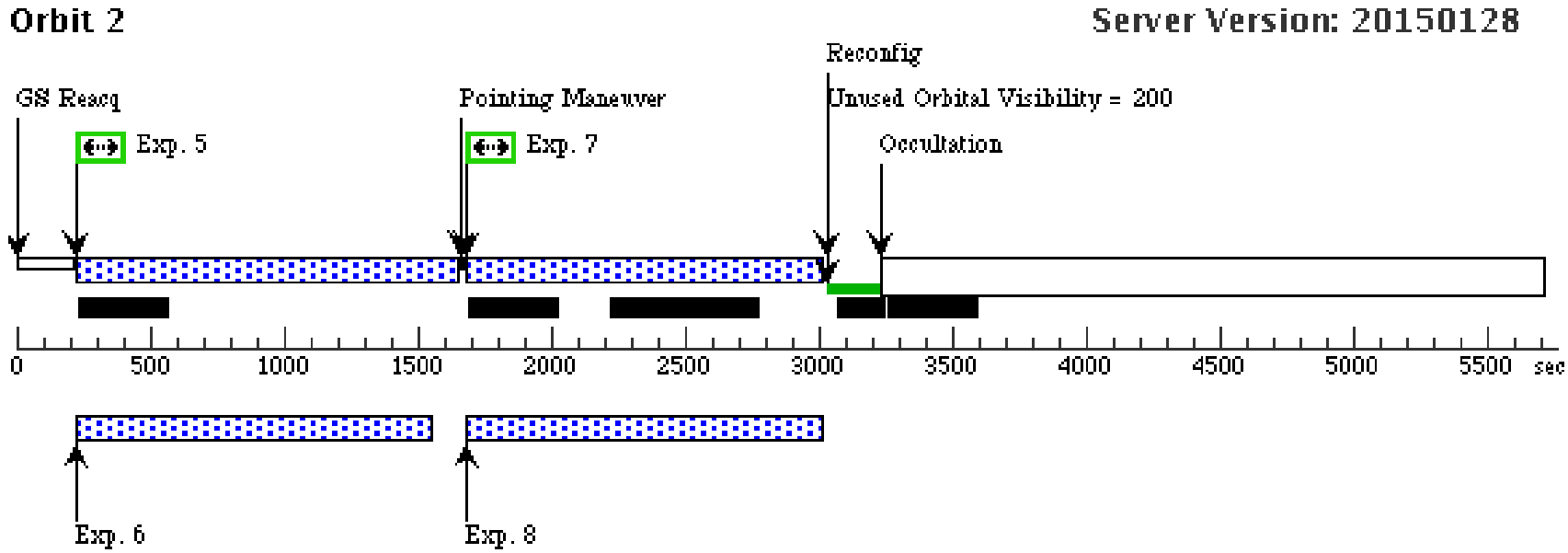
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.233643935,-6.470607545; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 61	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 61	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.126543046,-6.413307378	Prime + Parallel Group 3-4 in Visit 61	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 61	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.012138524,-11.071210618	Prime + Parallel Group 5-6 in Visit 61	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 61	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.372272694,-11.127097558	Prime + Parallel Group 7-8 in Visit 61	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 61	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 62, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

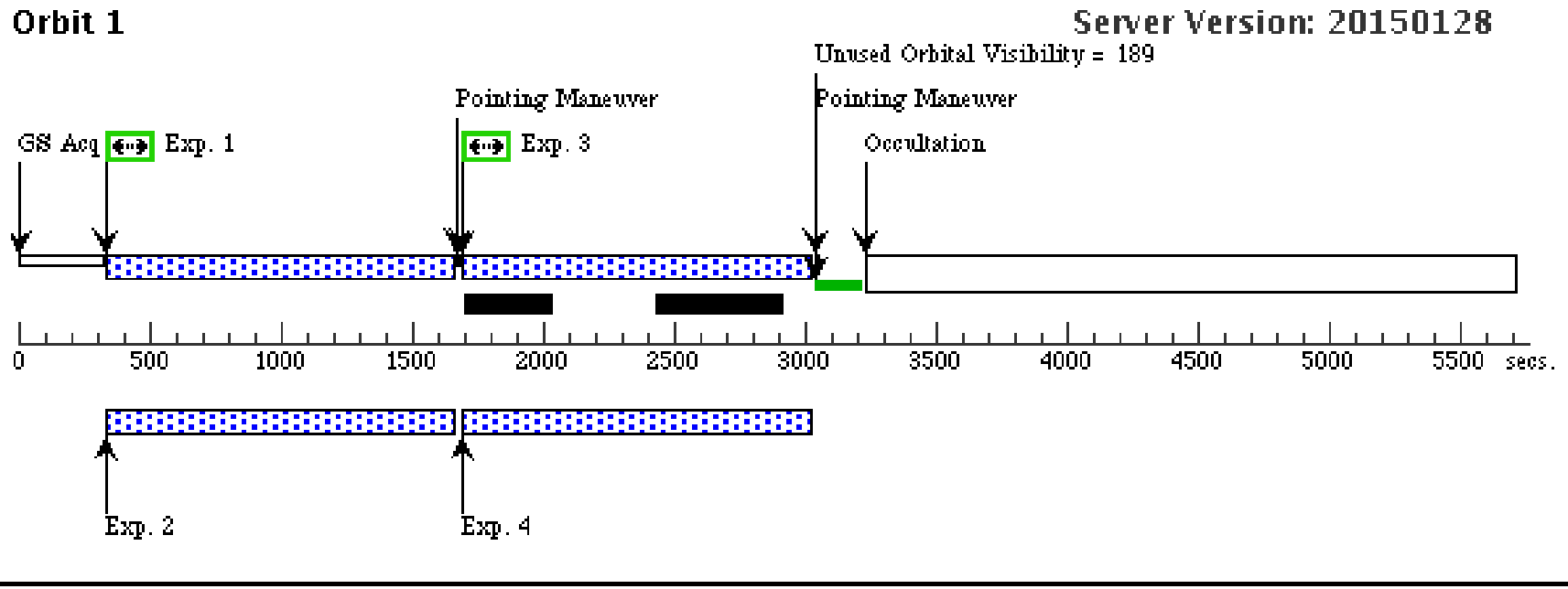
Fixed Targets

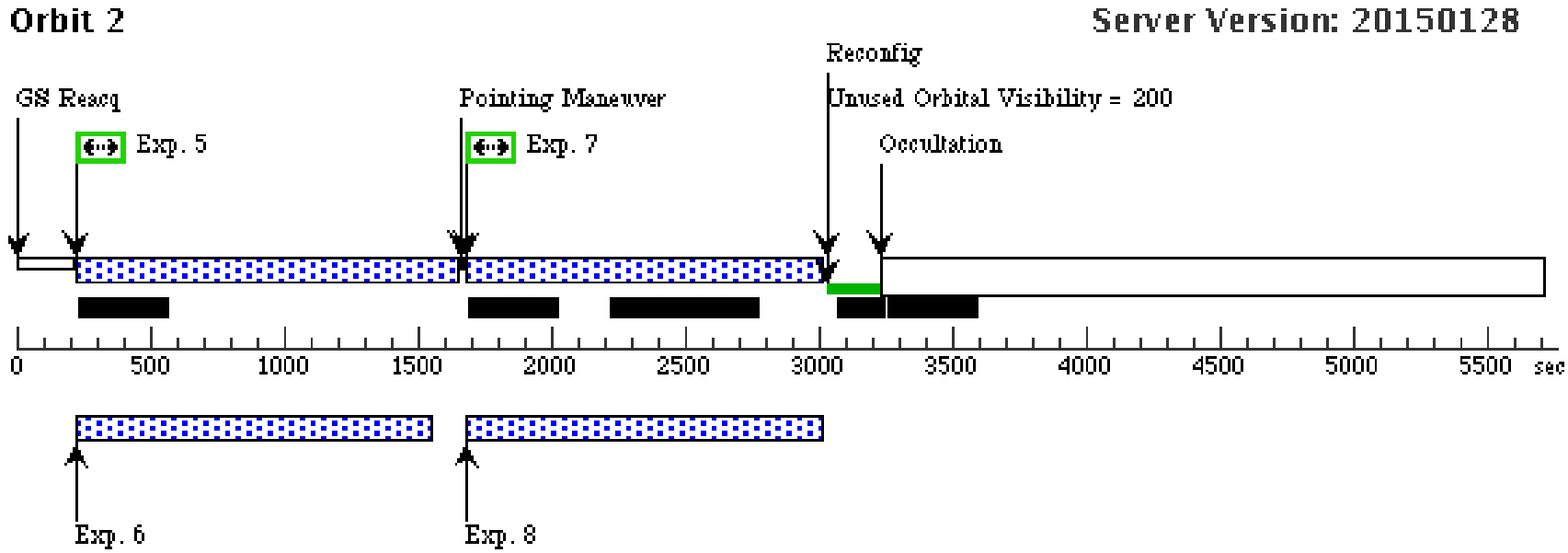
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.027914959,-5.985061587; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 62	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 62	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.331539003,-6.041681546	Prime + Parallel Group 3-4 in Visit 62	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 62	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.110033592,-10.642284619	Prime + Parallel Group 5-6 in Visit 62	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 62	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.470900781,-10.698851767	Prime + Parallel Group 7-8 in Visit 62	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 62	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 63 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 63, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

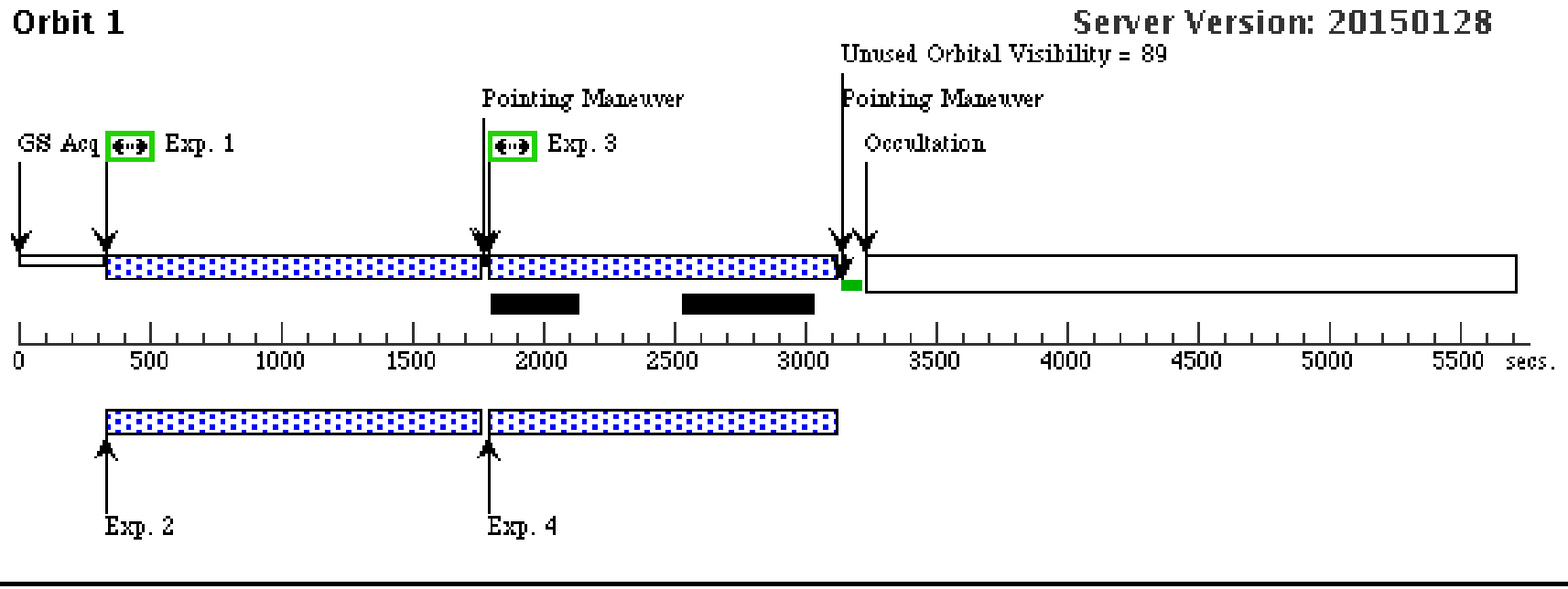
Fixed Targets

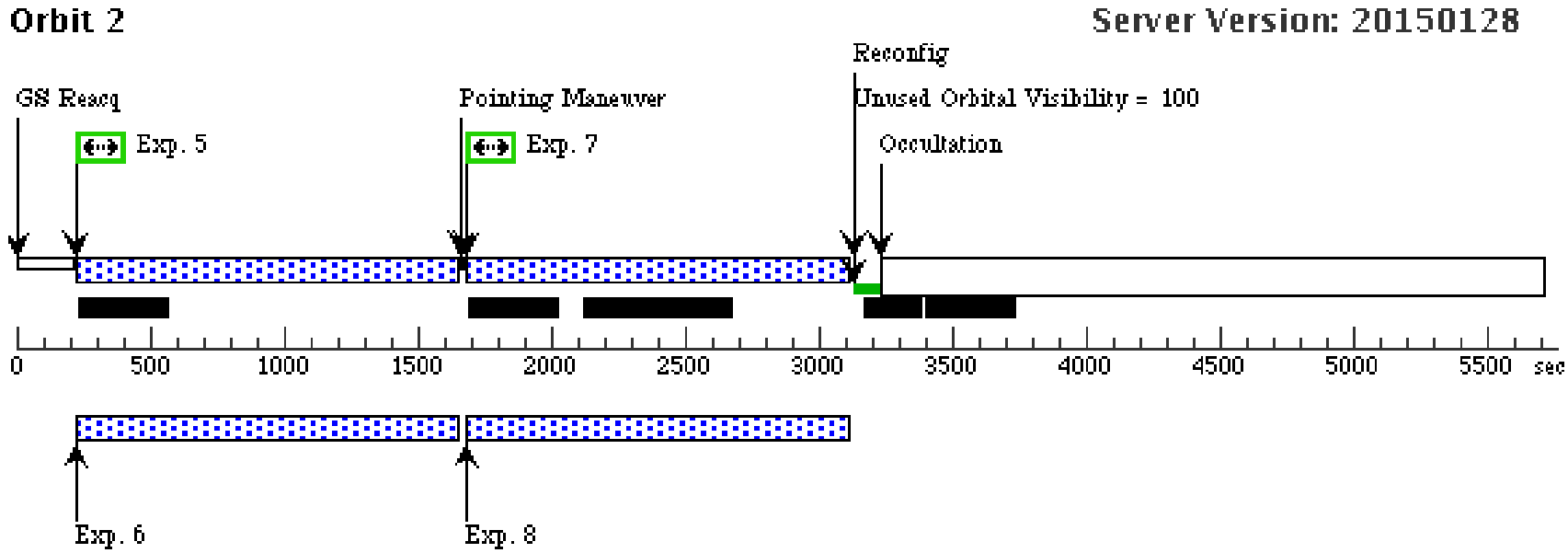
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.167847699,-6.235828032; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 63	1225 Secs (1225 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 63	1402.936813 Secs (1402.937 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.528714888,-6.179260884	Prime + Parallel Group 3-4 in Visit 63	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 63	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.389355311,-10.836431105	Prime + Parallel Group 5-6 in Visit 63	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 63	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.029899148,-10.893051064	Prime + Parallel Group 7-8 in Visit 63	1307 Secs (1307 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 63	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 64, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

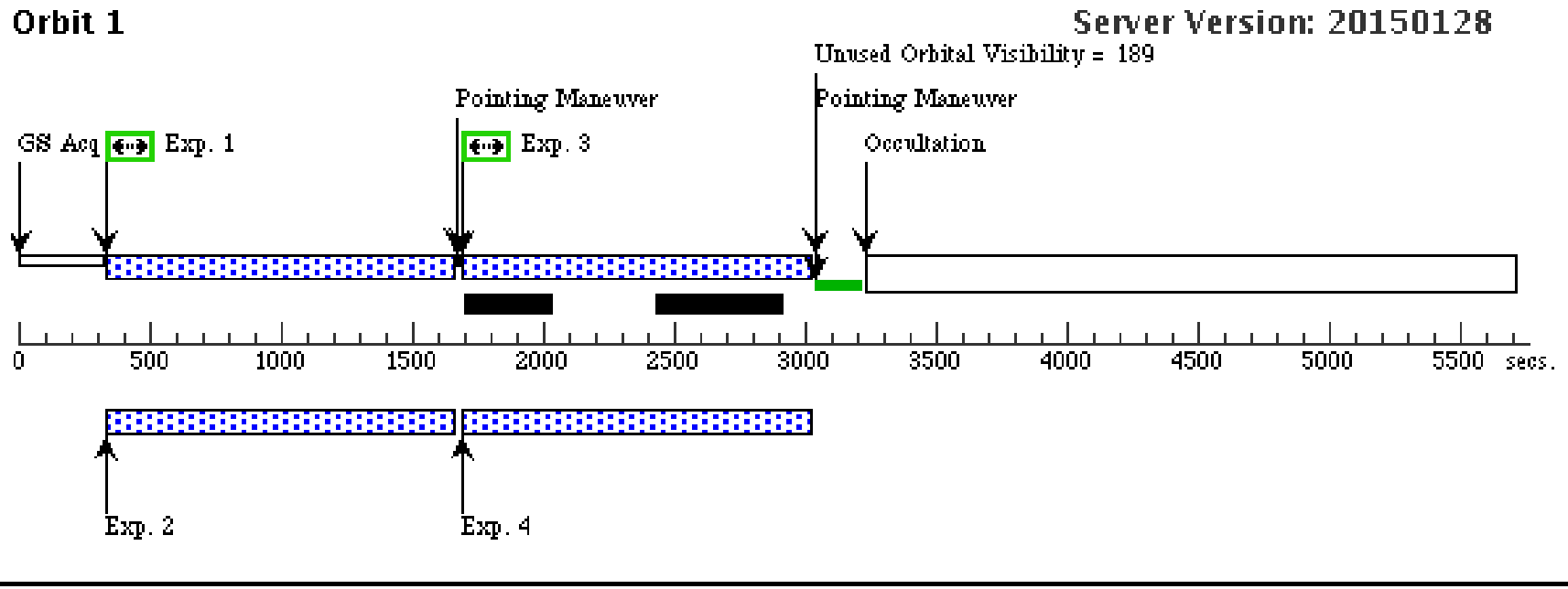
Fixed Targets

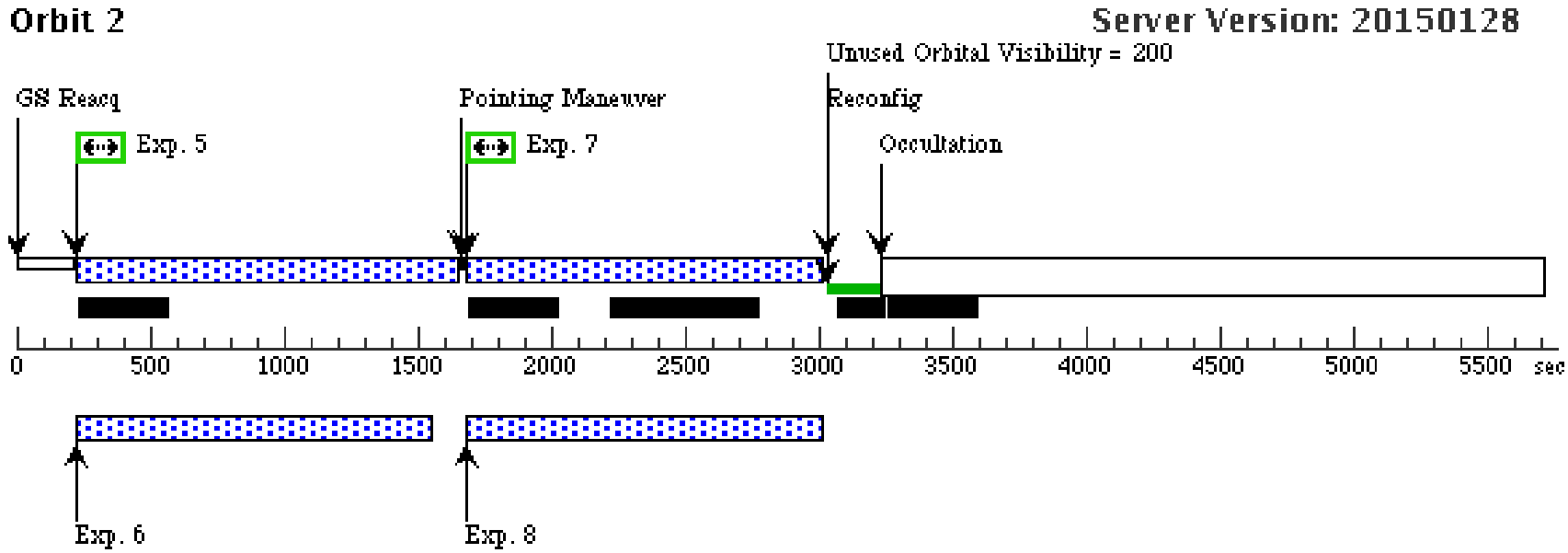
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.169085561,-5.975477398; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 64	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 64	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.19110142,-6.032777565	Prime + Parallel Group 3-4 in Visit 64	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 64	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.031137013701,-10.63270043	Prime + Parallel Group 5-6 in Visit 64	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 64	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.329730179,-10.689267578	Prime + Parallel Group 7-8 in Visit 64	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 64	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Visit

Proposal 13504, Visit 65, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

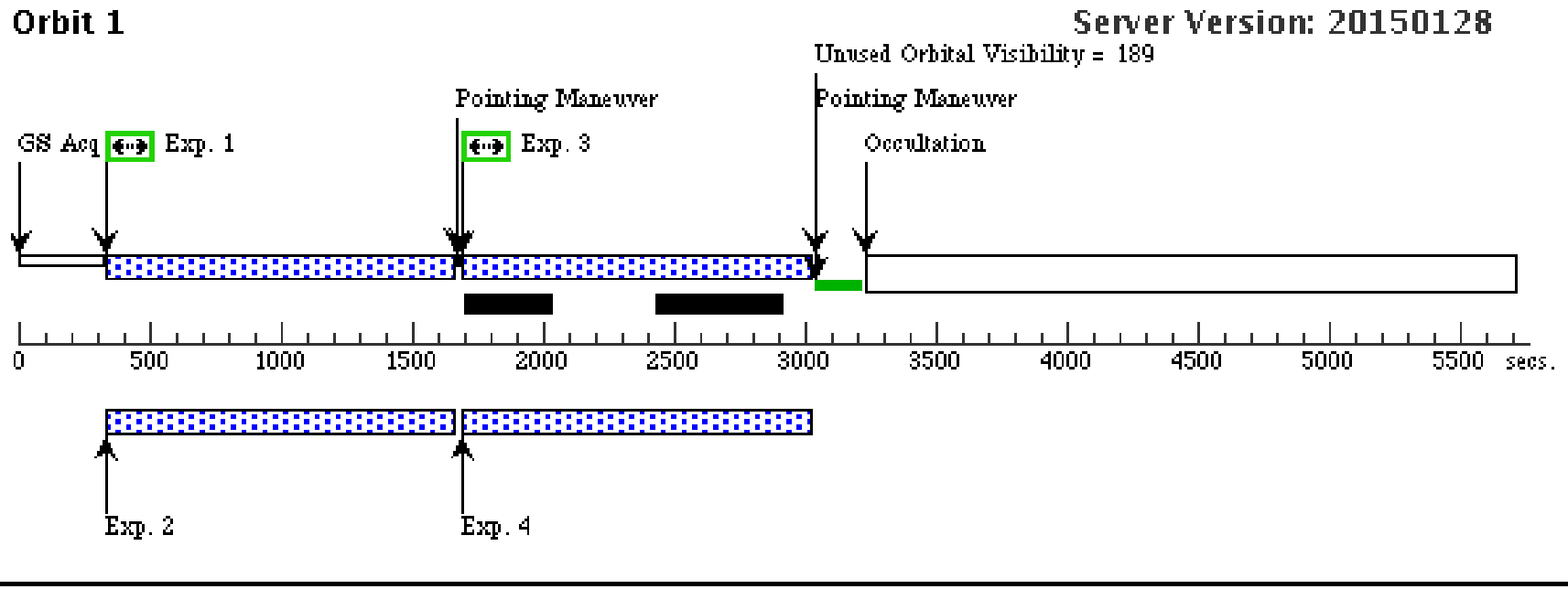
Fixed Targets

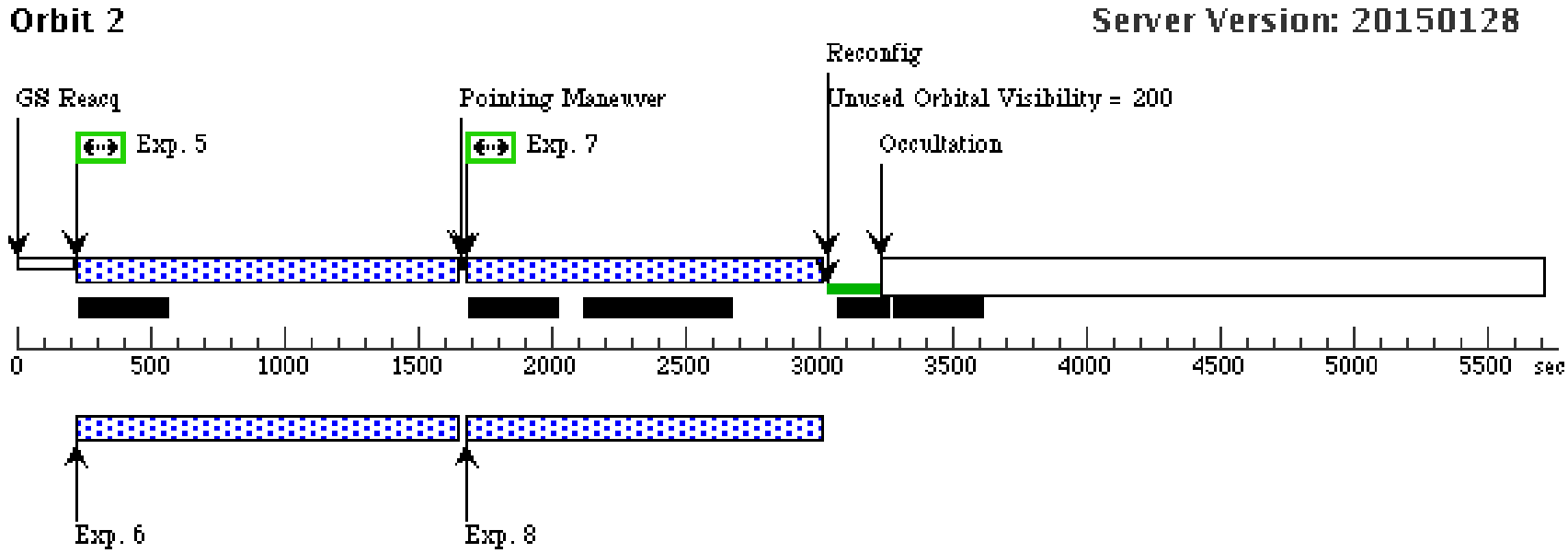
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.505961588,-6.410899266; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 65	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 65	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.145774607,-6.353599099	Prime + Parallel Group 3-4 in Visit 65	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 65	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.284456177,-11.011502339	Prime + Parallel Group 5-6 in Visit 65	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 65	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.643910139,-11.068122298	Prime + Parallel Group 7-8 in Visit 65	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 65	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 66, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

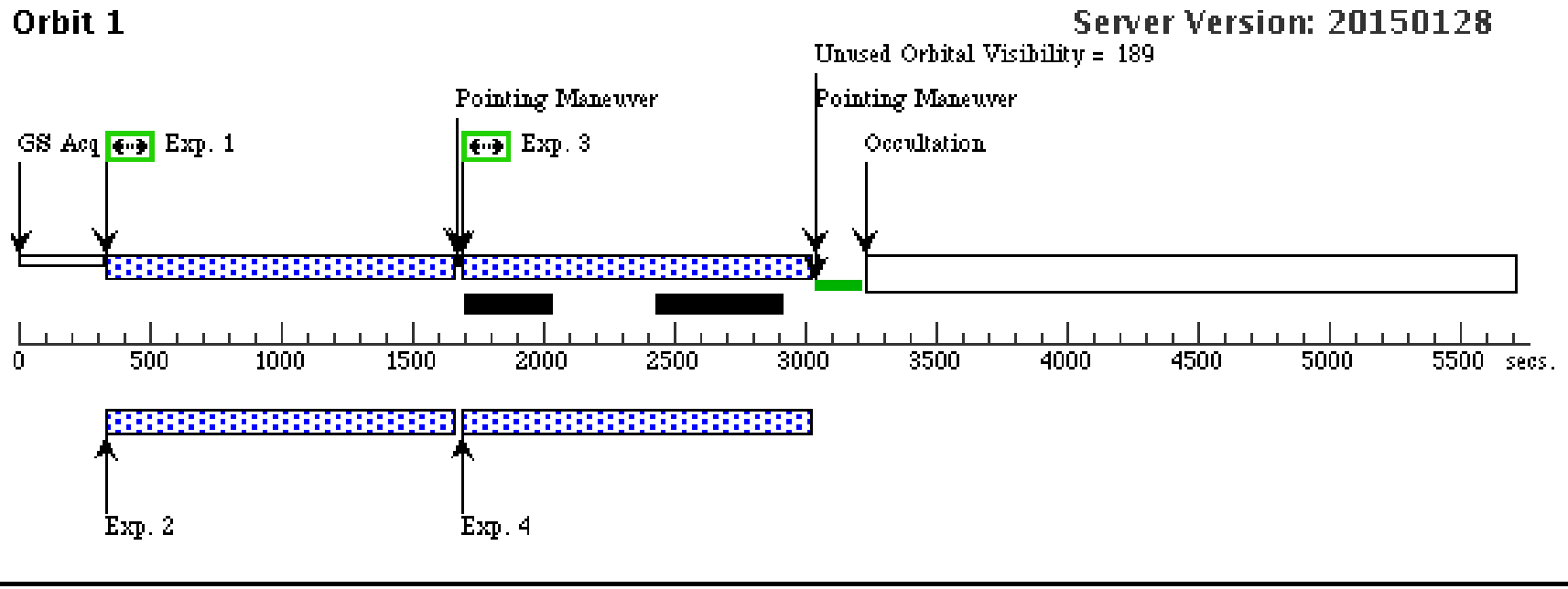
Fixed Targets

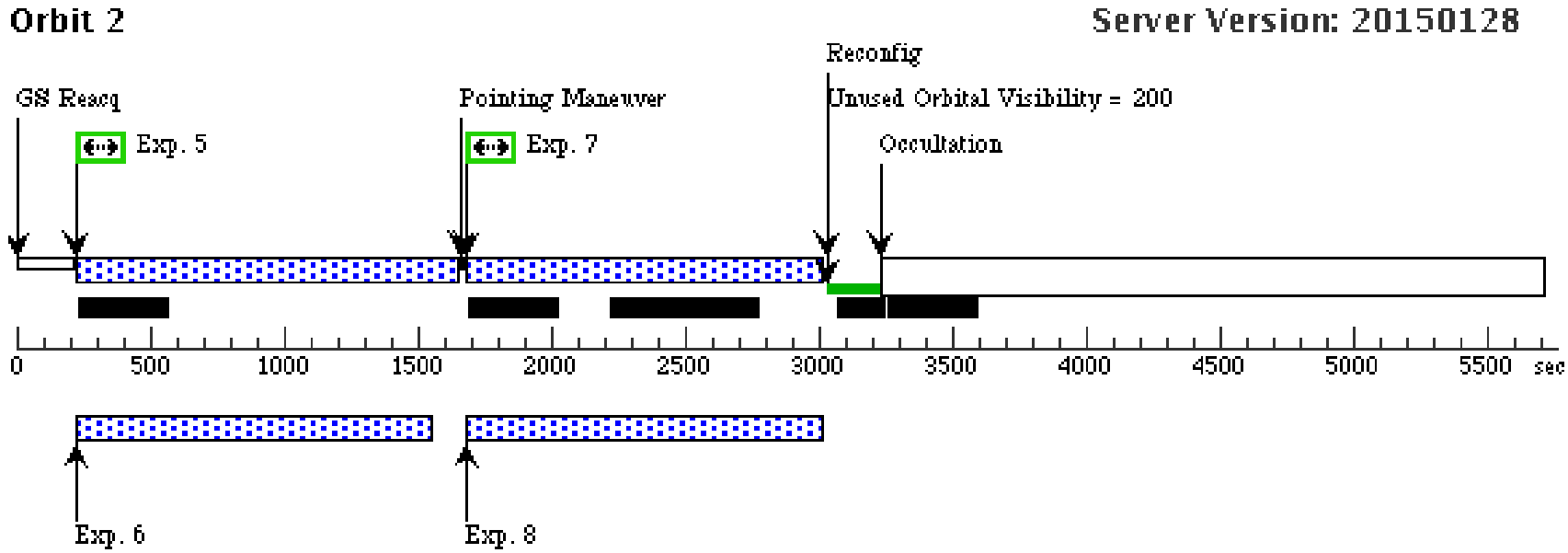
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.093793717,-5.888459381; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 66	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 66	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.26639264,-5.945759548	Prime + Parallel Group 3-4 in Visit 66	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 66	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.044887853,-10.546362621	Prime + Parallel Group 5-6 in Visit 66	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 66	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.404341815,-10.60298258	Prime + Parallel Group 7-8 in Visit 66	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 66	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 67 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 67, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

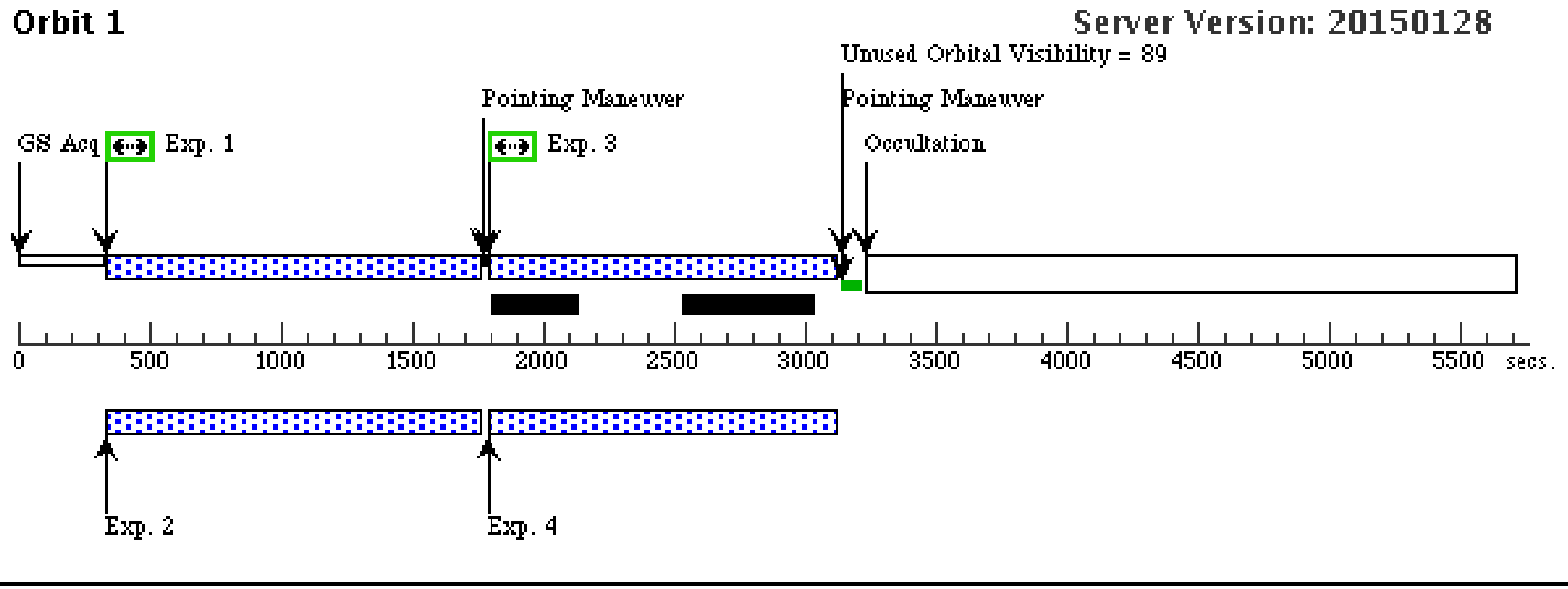
Fixed Targets

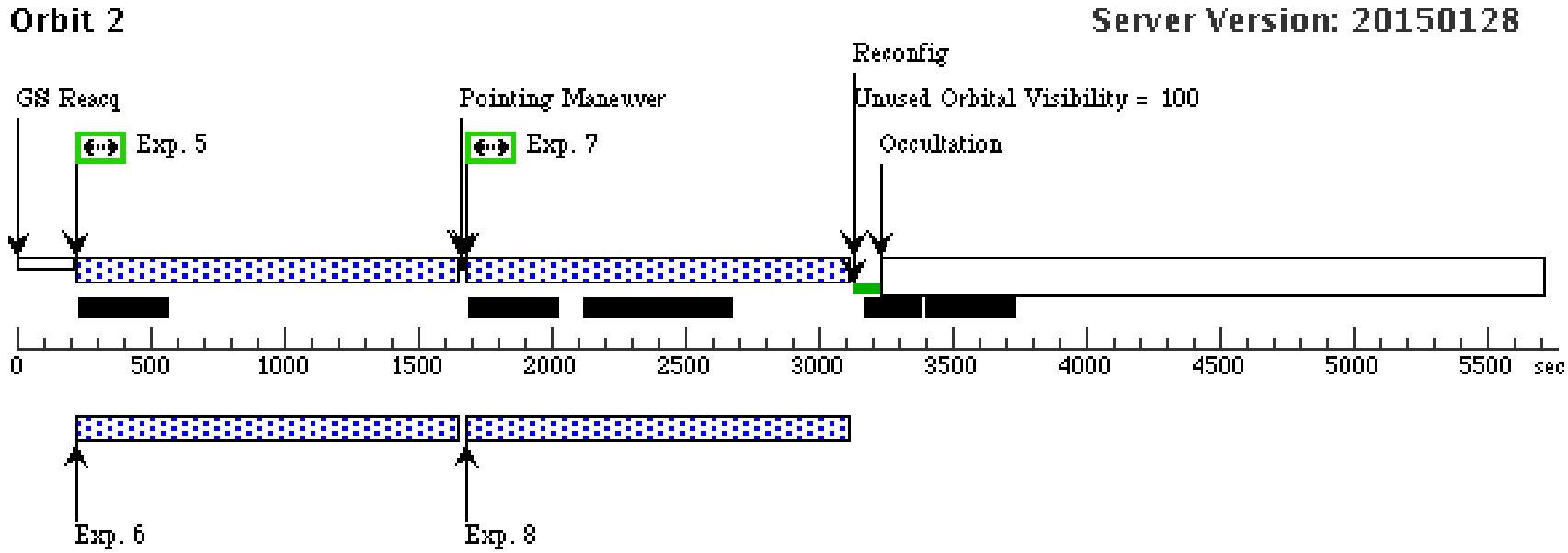
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.510634354,-6.138298553; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 67	1225 Secs (1225 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 67	1402.936813 Secs (1402.937 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.150447373,-6.080998386	Prime + Parallel Group 3-4 in Visit 67	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 67	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.289128943,-10.738901626	Prime + Parallel Group 5-6 in Visit 67	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 67	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.649315924,-10.796201793	Prime + Parallel Group 7-8 in Visit 67	1307 Secs (1307 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F125W	NSAMP=15; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 67	1402.936813 Secs (1402.937 Secs) *[==>]*	*[2]*

Orbit Structure





Visit

Proposal 13504, Visit 68, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

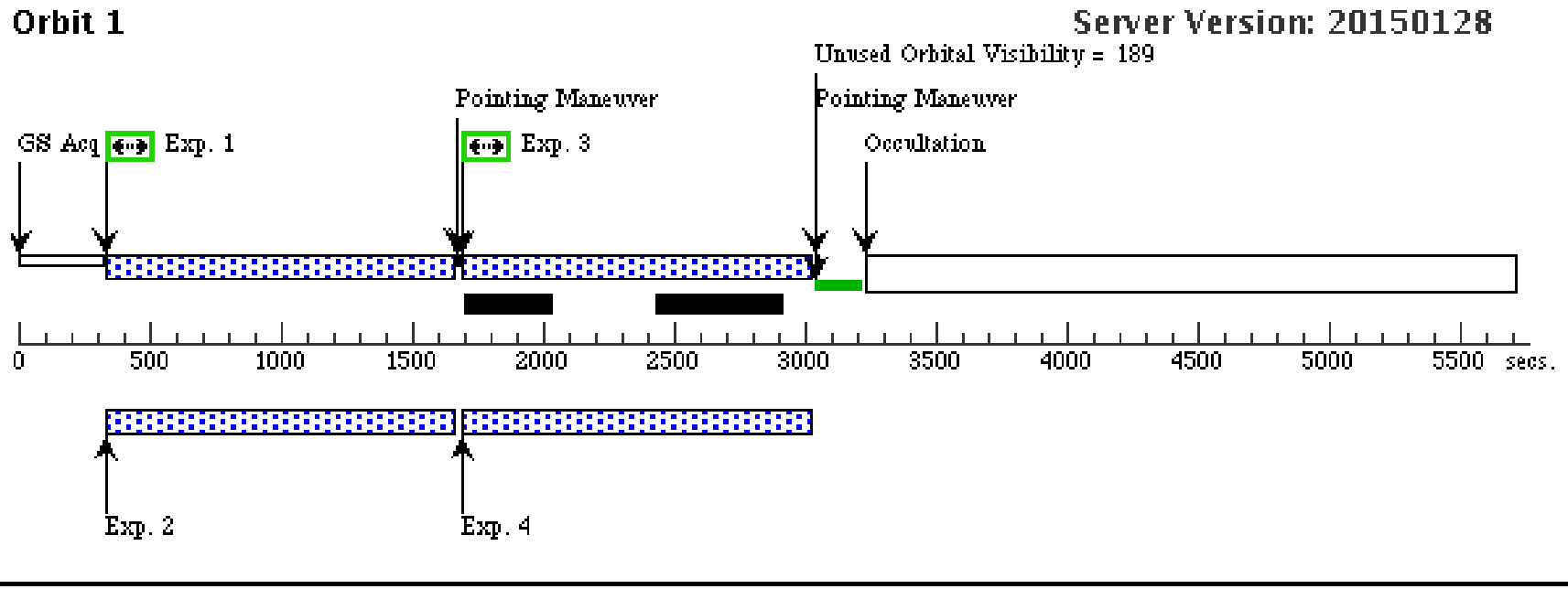
Fixed Targets

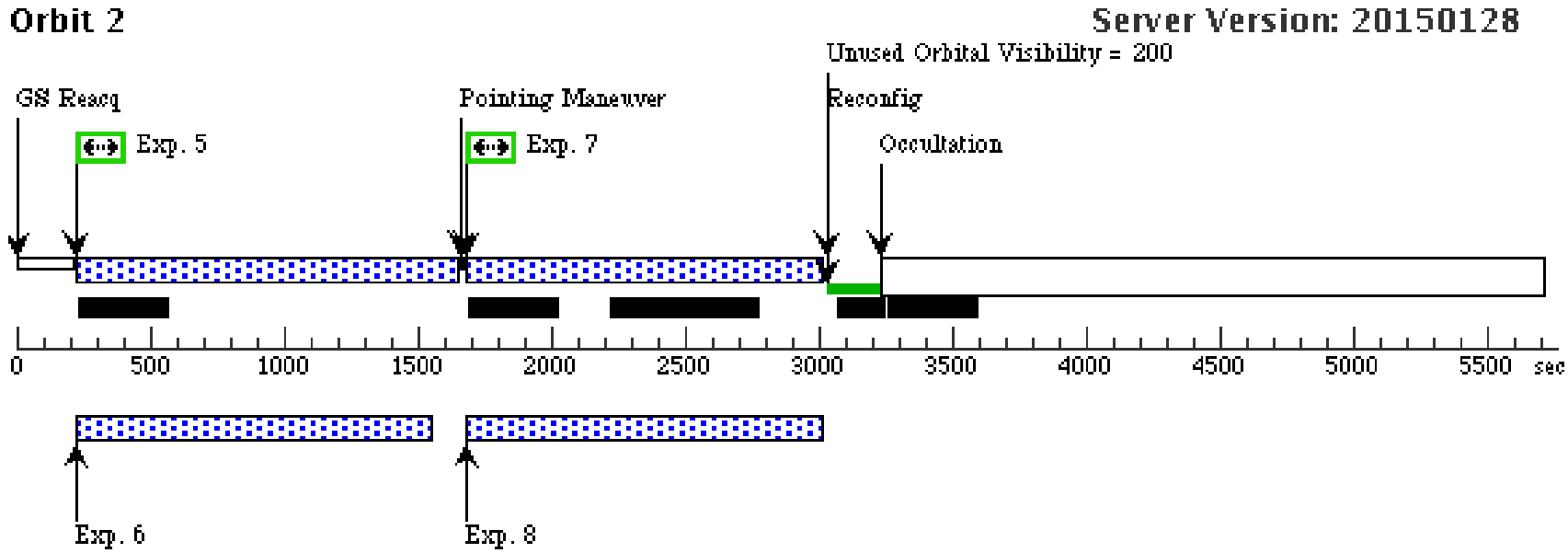
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.39866622,-6.11488629; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 68	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 68	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.75812 0182,-6.171506249	Prime + Parallel Group 3-4 in Visit 68	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 68	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.53661 4771,-10.772109322	Prime + Parallel Group 5-6 in Visit 68	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 68	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.89680 1752,-10.829409489	Prime + Parallel Group 7-8 in Visit 68	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 68	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 69 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 69, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

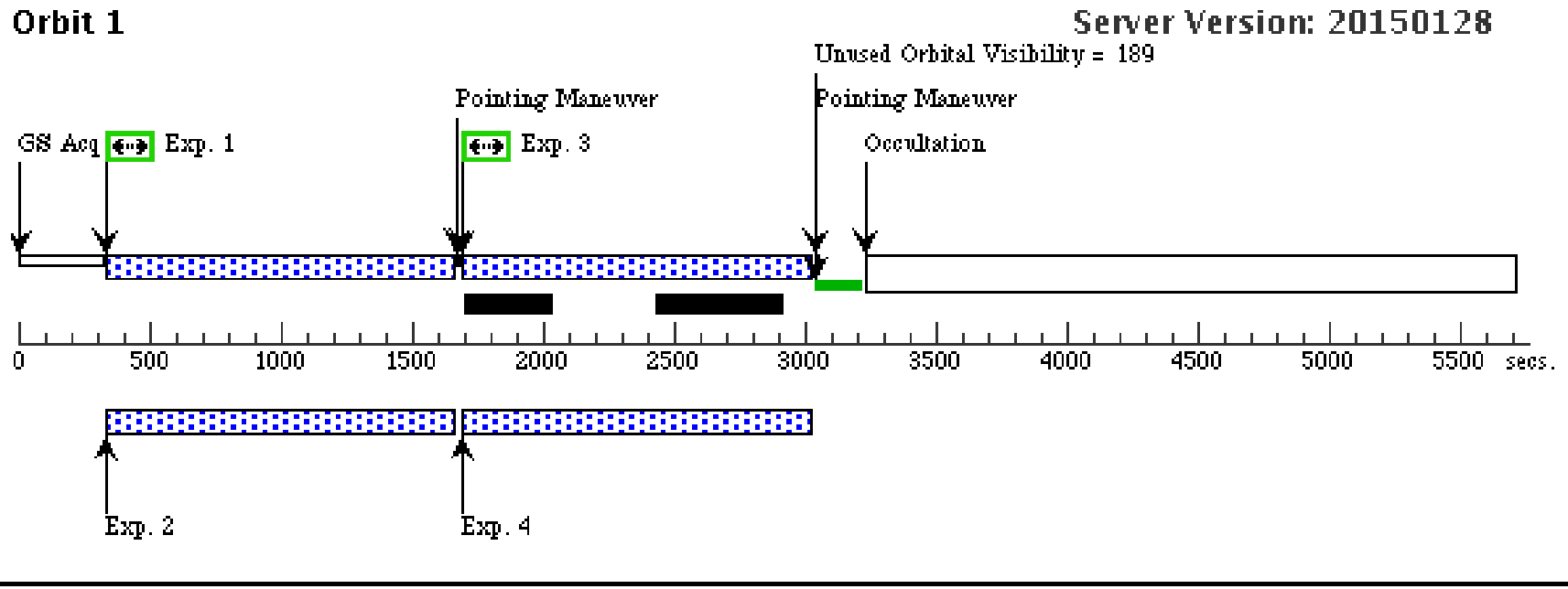
Fixed Targets

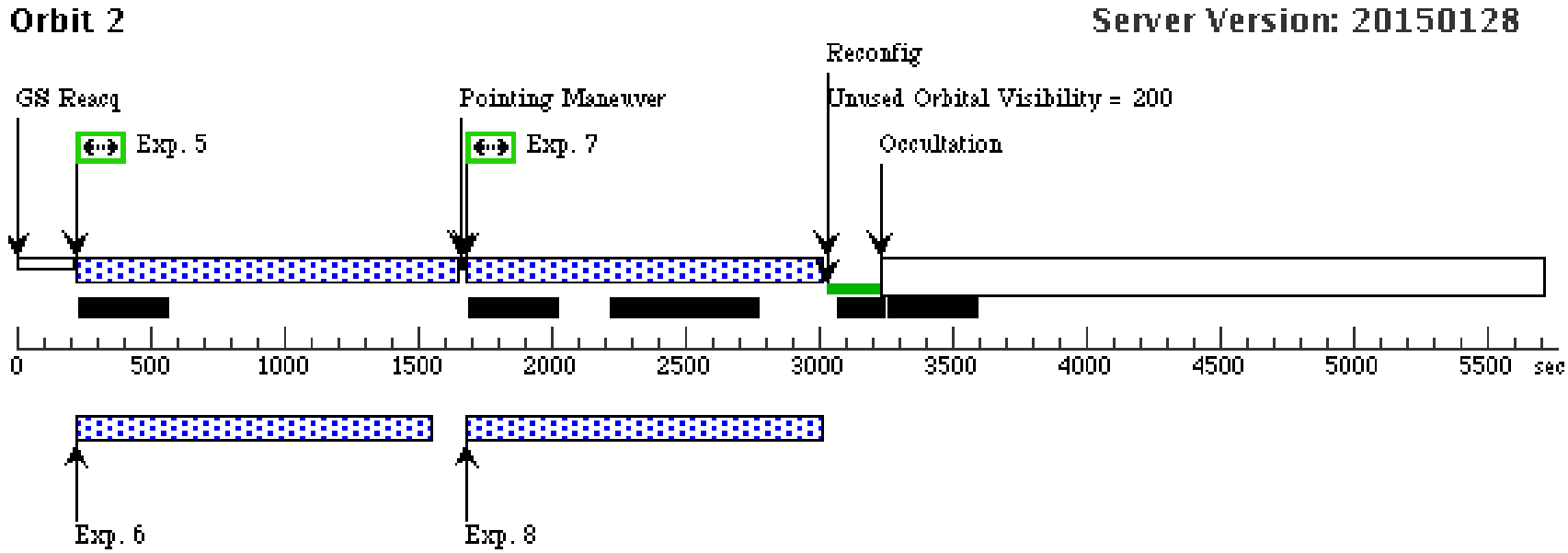
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.728626188,-6.253274841; GS ACQ SCENARIO PAIR	Prime + Parallel Group 1-2 in Visit 69	1125 Secs (1125 Secs) *[==>]*	 ***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 69	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.368492018,-6.197387901	Prime + Parallel Group 3-4 in Visit 69	1207 Secs (1207 Secs) *[==>]*	 ***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 69	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.507120777,-10.853877914	Prime + Parallel Group 5-6 in Visit 69	1307 Secs (1307 Secs) *[==>]*	 ***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 69	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.867307758,-10.911178081	Prime + Parallel Group 7-8 in Visit 69	1207 Secs (1207 Secs) *[==>]*	 ***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 69	1302.93649 Secs (1302.936 Secs) *[==>]*	 ***[2]***

Orbit Structure





Proposal 13504 - Visit 70 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 70, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

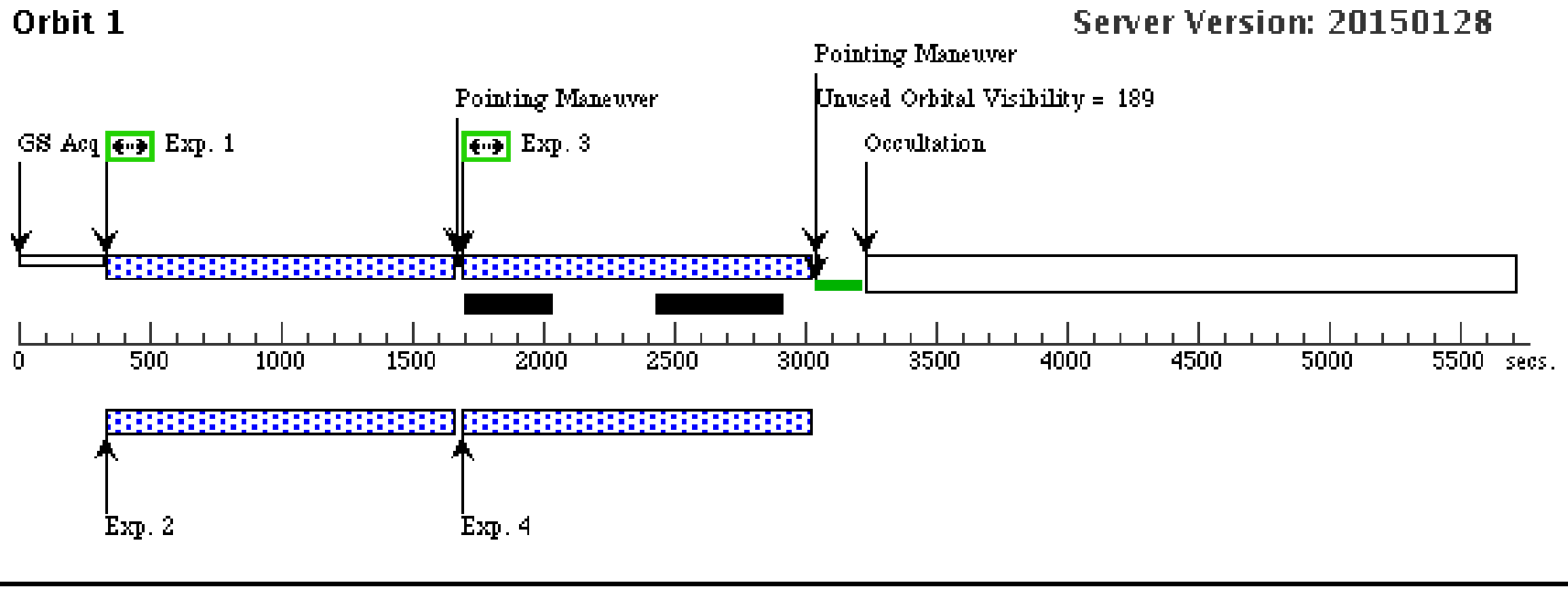
Fixed Targets

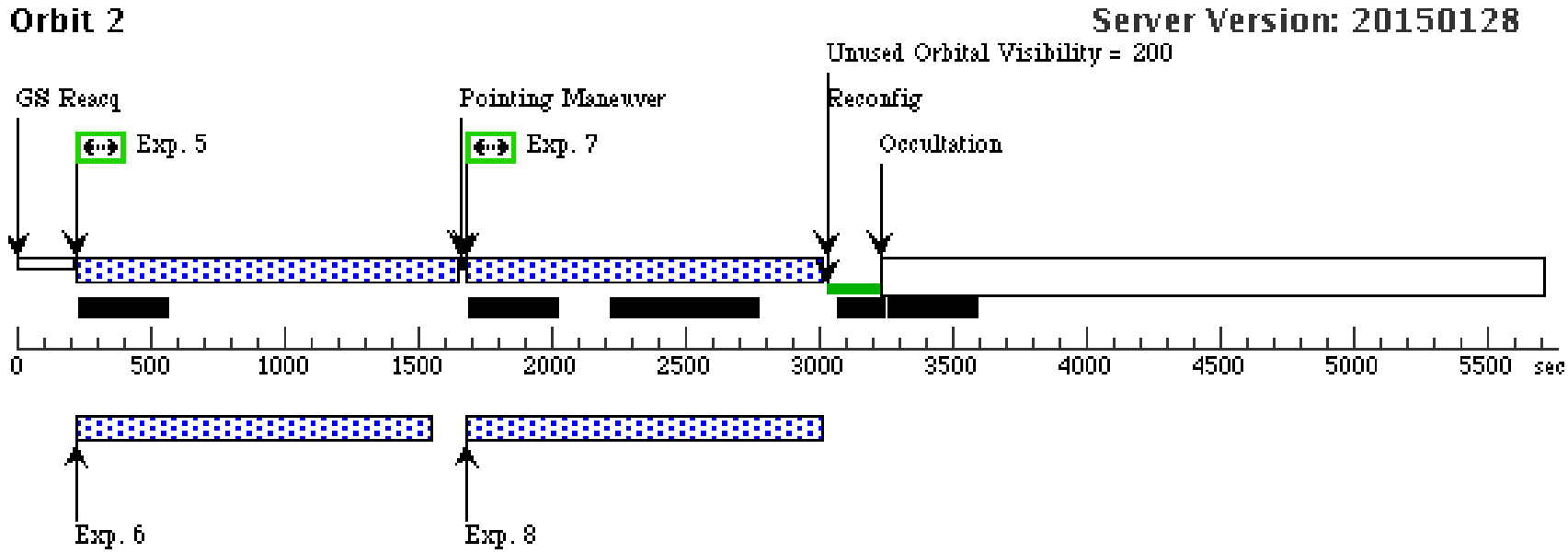
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.26180302,-6.39147311; GS ACQ SCENARIO BASE1B3	Prime + Parallel Group 1-2 in Visit 70	1125 Secs (1125 Secs) *[==>]*	*[1]*
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 1-2 in Visit 70	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.09838396100000002,-6.448773277	Prime + Parallel Group 3-4 in Visit 70	1207 Secs (1207 Secs) *[==>]*	*[1]*
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 3-4 in Visit 70	1302.93649 Secs (1302.936 Secs) *[==>]*	*[1]*
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.12312145,-11.04937635	Prime + Parallel Group 5-6 in Visit 70	1307 Secs (1307 Secs) *[==>]*	*[2]*
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 5-6 in Visit 70	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.237065531,-11.106676517	Prime + Parallel Group 7-8 in Visit 70	1207 Secs (1207 Secs) *[==>]*	*[2]*
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Prime + Parallel Group 7-8 in Visit 70	1302.93649 Secs (1302.936 Secs) *[==>]*	*[2]*

Orbit Structure





Proposal 13504 - Visit 81 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 81, implementation Thu Apr 02 01:04:40 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Diagnostics

(Visit 81) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

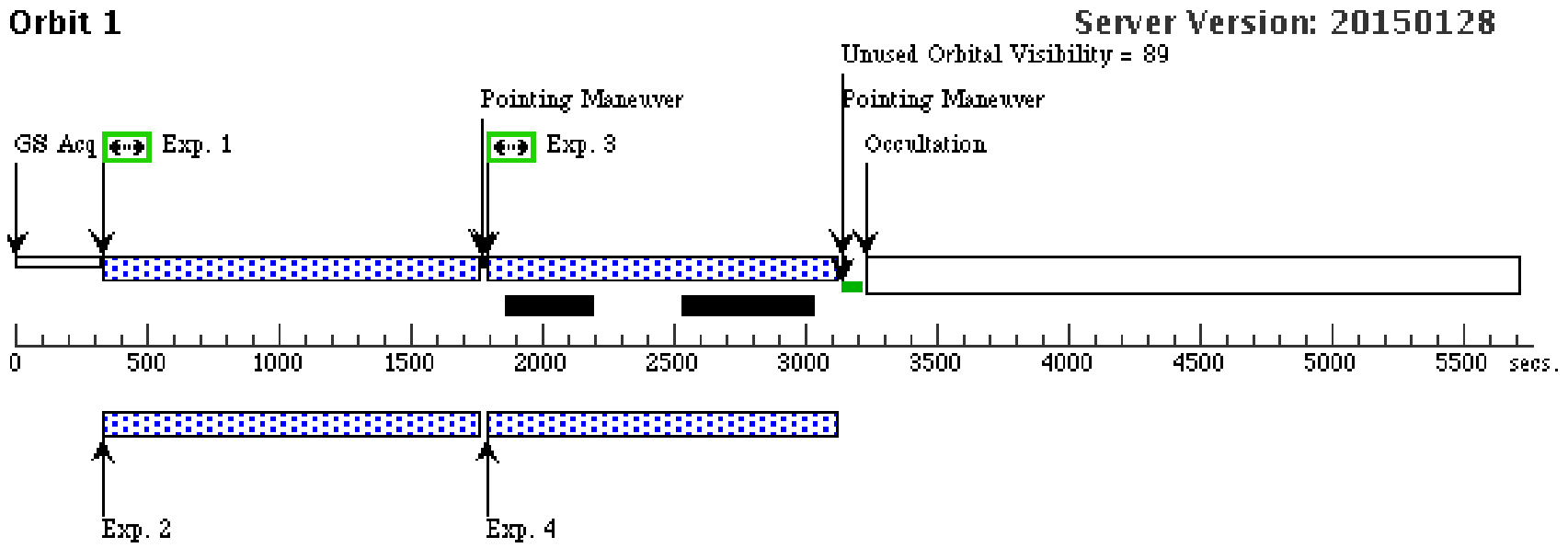
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

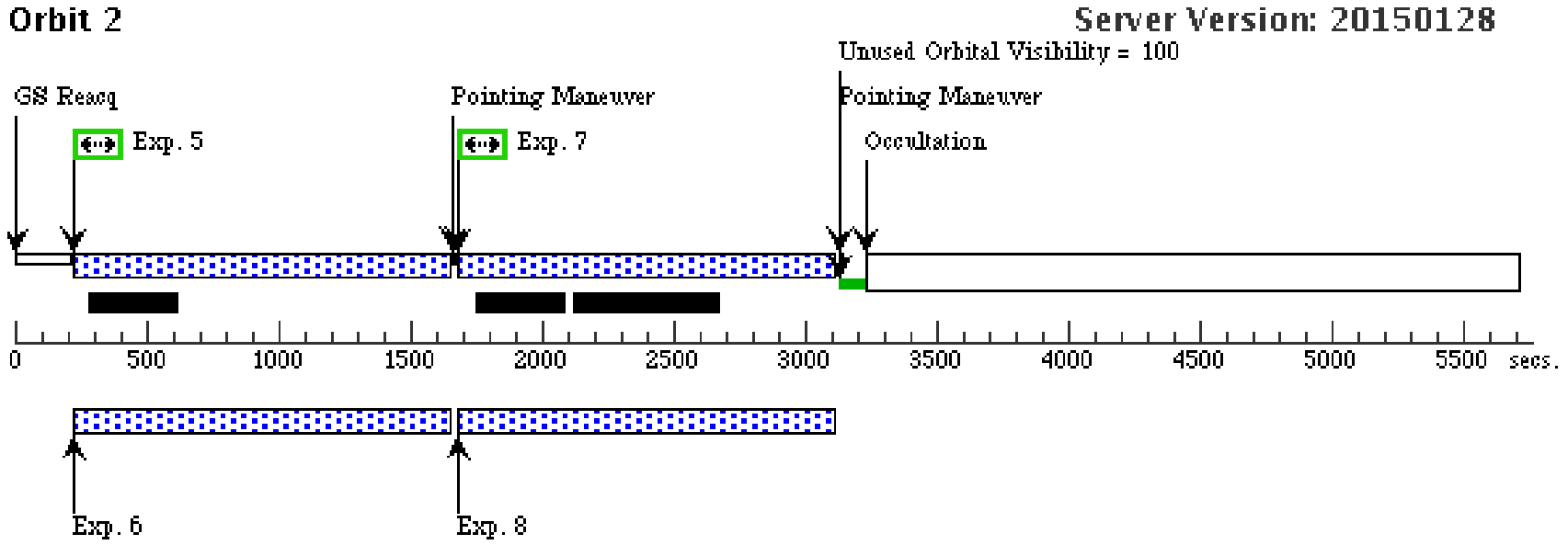
Exposures

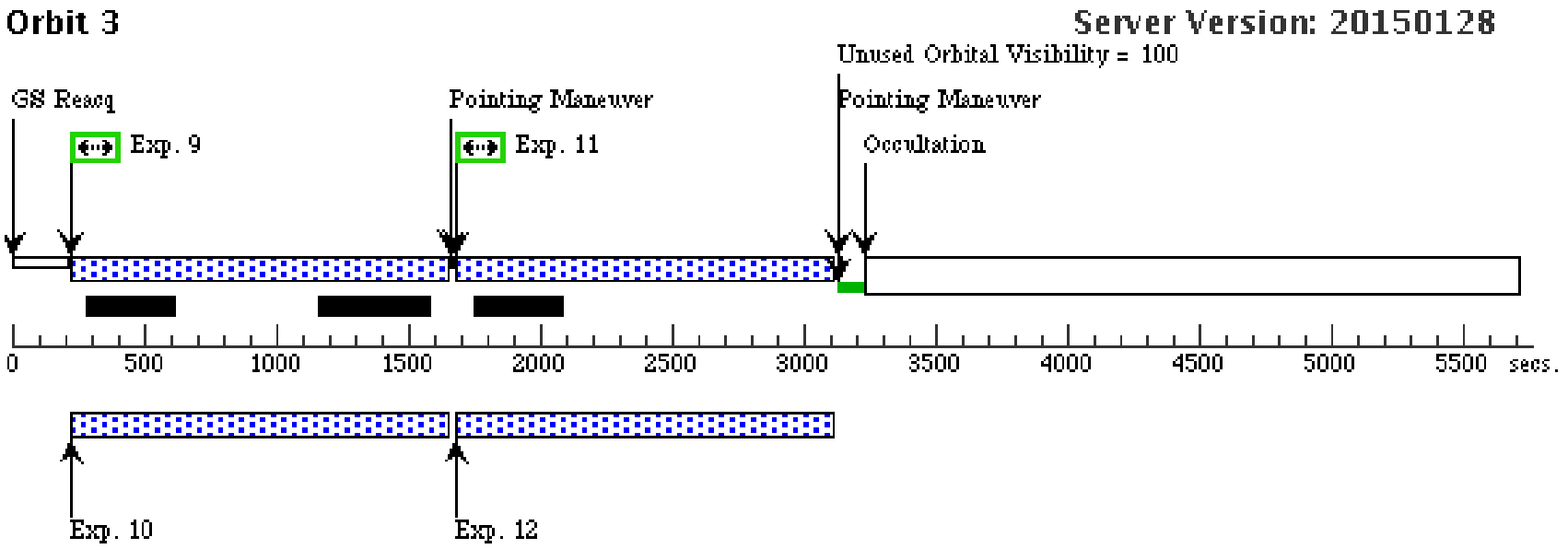
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.12187028,-6.140706665; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 81 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 81	1225 Secs (1225 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 81 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 81	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.39248318,-6.132421615; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 81 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 81	1152 Secs (1152 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 81 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 81	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.238996909,-6.197273813	Sequence 5-8 Non-Int in Visit 81 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 81	1252 Secs (1252 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 81 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 81	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.031615991,-6.188988763	Sequence 5-8 Non-Int in Visit 81 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 81	1252 Secs (1252 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 81 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 81	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.017491498,-10.797876886	Sequence 9-12 Non-Int in Visit 81 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 81	1252 Secs (1252 Secs) *[==>]*	***[3]***

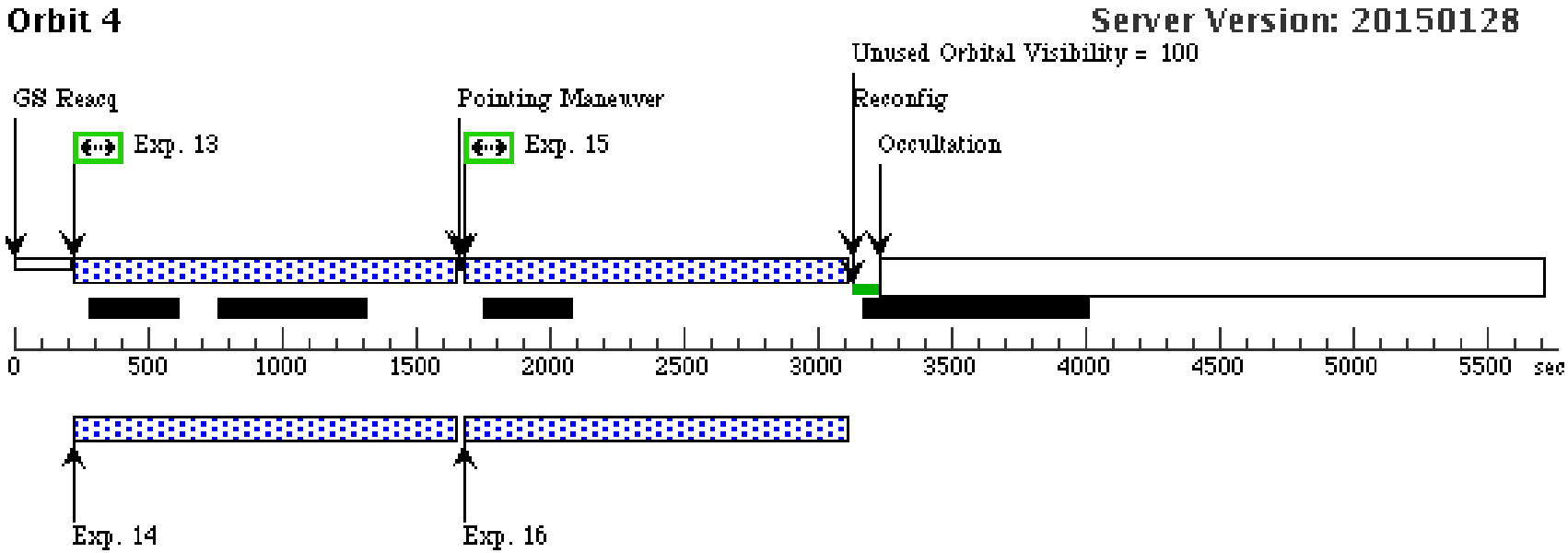
	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 81 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 81	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.253121402,-10.789591836	Sequence 9-12 Non-Int in Visit 81 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 81	1252 Secs (1252 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 81 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 81	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.377678479,-10.855177053	Sequence 13-16 Non-Int in Visit 81 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 81	1252 Secs (1252 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 81 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 81	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.106333256,-10.846211795	Sequence 13-16 Non-Int in Visit 81 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 81	1252 Secs (1252 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 81 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 81	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit 82 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 82, implementation Thu Apr 02 01:04:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Diagnostics

(Visit 82) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

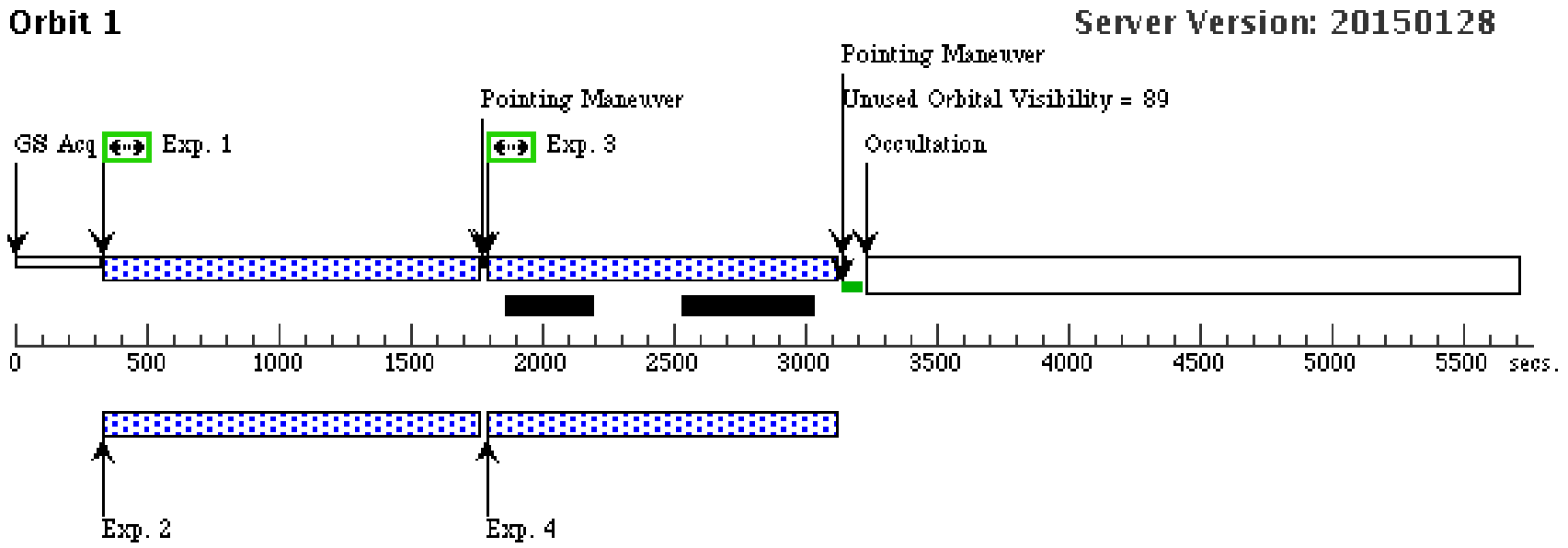
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

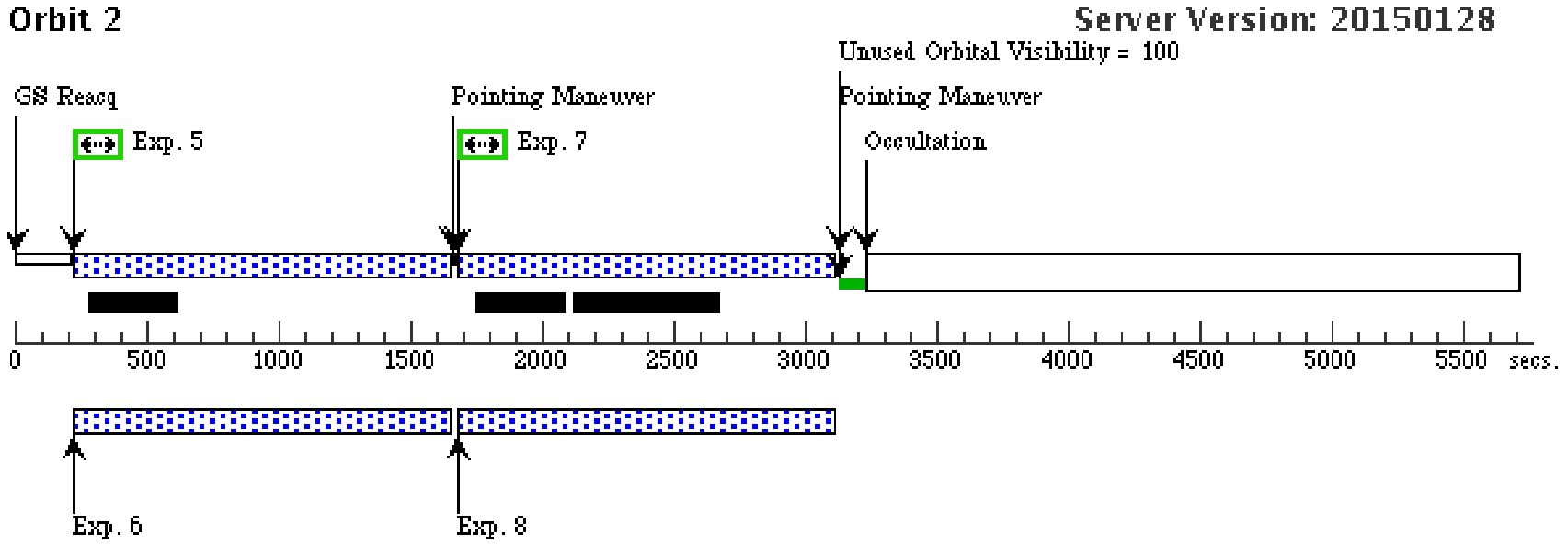
Exposures

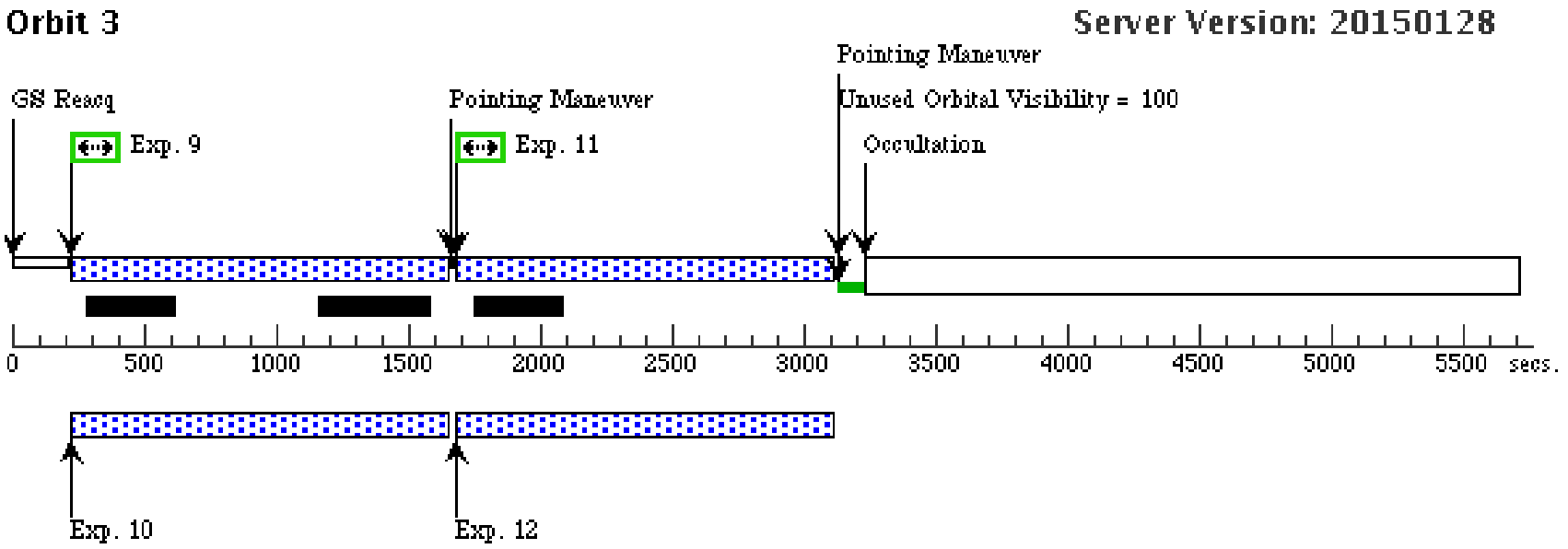
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.306726183,-6.191912431; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 82 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 82	1225 Secs (1225 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 82 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 82	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.05998408,-6.509176565; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 82 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 82	1152 Secs (1152 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 82 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 82	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.053460798,-6.134612264	Sequence 5-8 Non-Int in Visit 82 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 82	1252 Secs (1252 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 82 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 82	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.299469882,-6.565796524	Sequence 5-8 Non-Int in Visit 82 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 82	1252 Secs (1252 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 82 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 82	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.0844877529999999,-10.791835296	Sequence 9-12 Non-Int in Visit 82 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 82	1252 Secs (1252 Secs) *[==>]*	***[3]***

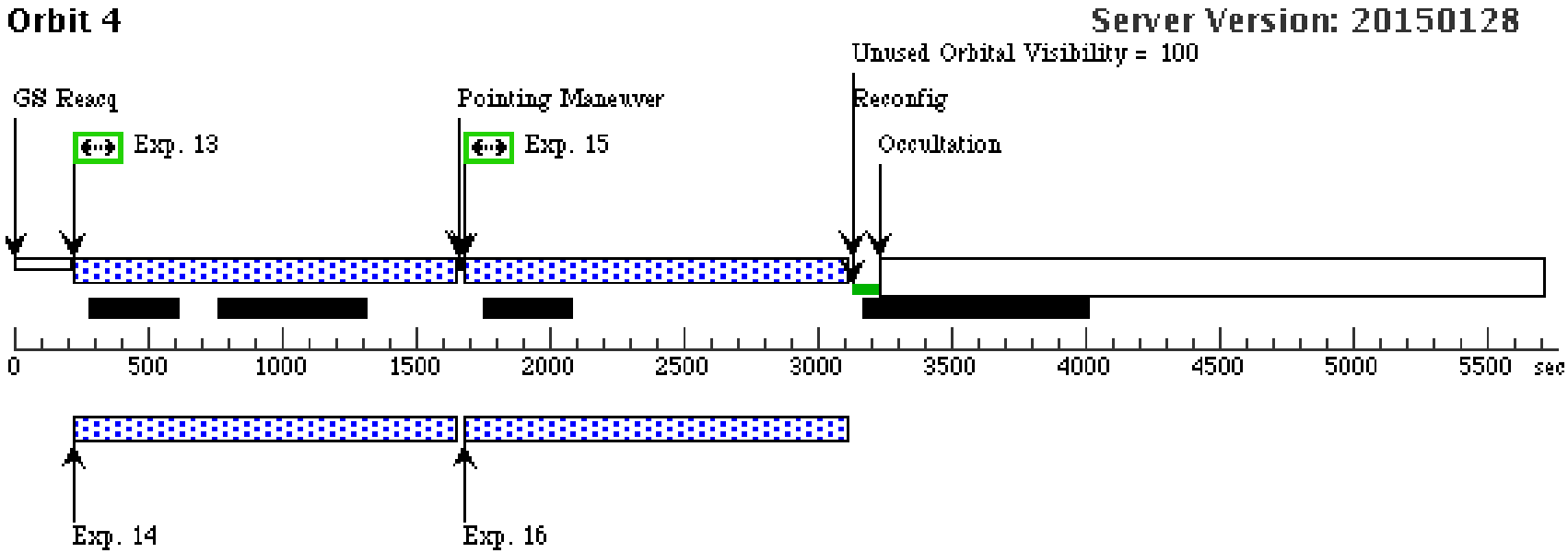
	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 82 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 82	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.07796447100000001,-11.166399597	Sequence 9-12 Non-Int in Visit 82 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 82	1252 Secs (1252 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 82 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 82	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.445354942,-10.848402444	Sequence 13-16 Non-Int in Visit 82 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 82	1252 Secs (1252 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 82 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 82	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.438151452,-11.223699764	Sequence 13-16 Non-Int in Visit 82 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 82	1252 Secs (1252 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 82 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 82	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 100
Exp. 9
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Pointing Maneuver
Reconfig
Exp. 13
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit 83 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 83, implementation Thu Apr 02 01:04:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Diagnostics

(Visit 83) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

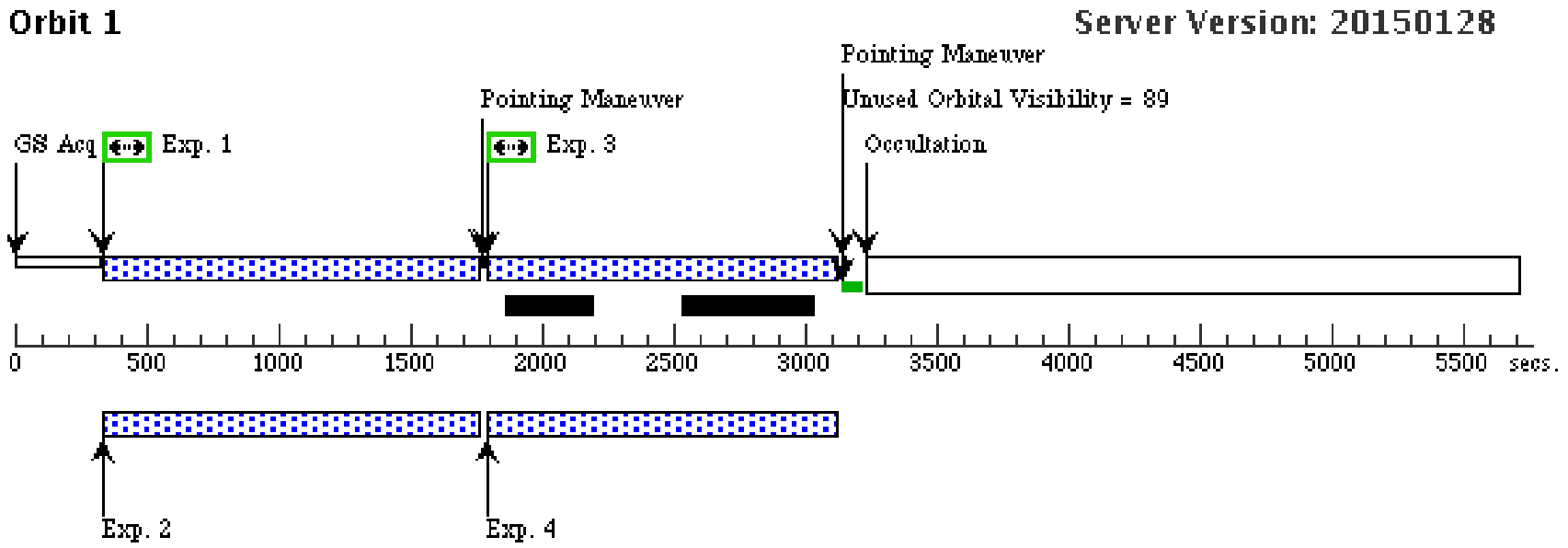
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

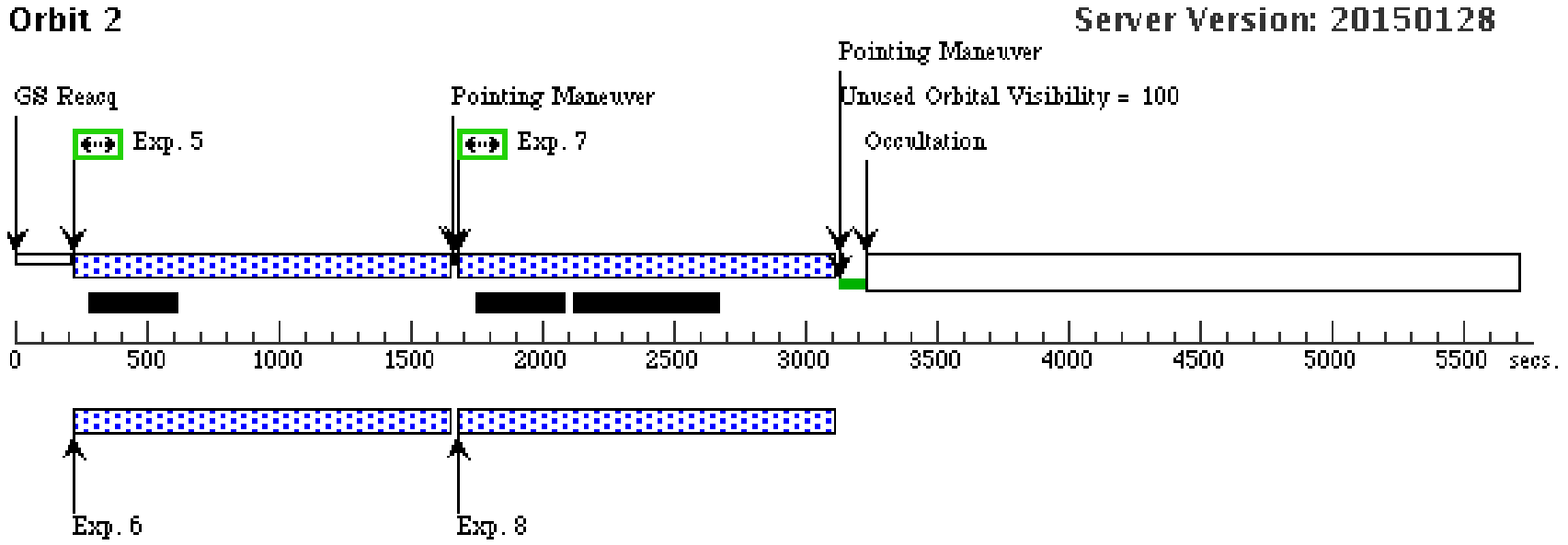
Exposures

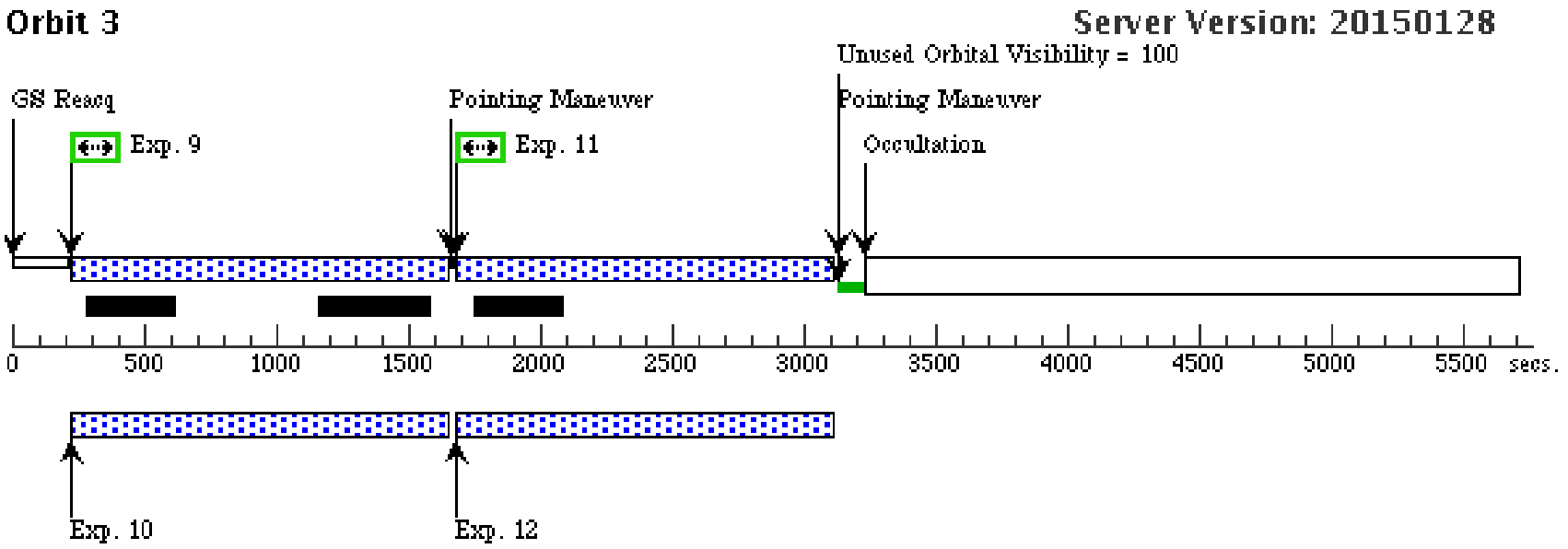
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.55617 4484,-6.145087963; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 83 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 83	1225 Secs (1225 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 83 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 83	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG -0.0279 14959,-5.985061587; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 83 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 83	1152 Secs (1152 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 83 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 83	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.19530 7295,-6.088520815	Sequence 5-8 Non-Int in Visit 83 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 83	1252 Secs (1252 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 83 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 83	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.33153 9003,-6.041681546	Sequence 5-8 Non-Int in Visit 83 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 83	1252 Secs (1252 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 83 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 83	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.33466 9073,-10.745691036	Sequence 9-12 Non-Int in Visit 83 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 83	1252 Secs (1252 Secs) *[==>]*	***[3]***

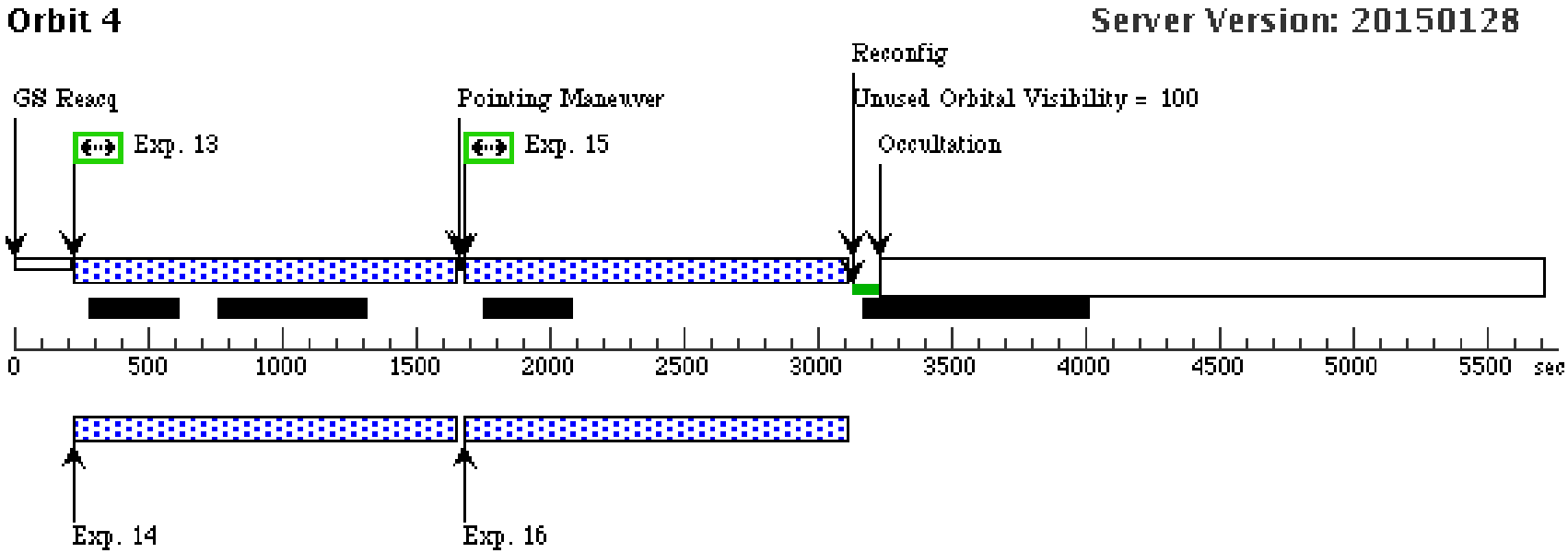
	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 83 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 83	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.110033592,-10.642284619	Sequence 9-12 Non-Int in Visit 83 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 83	1252 Secs (1252 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 83 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 83	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.694856054,-10.802991203	Sequence 13-16 Non-Int in Visit 83 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 83	1252 Secs (1252 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 83 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 83	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F606W		POS TARG 0.470900781,-10.698851767	Sequence 13-16 Non-Int in Visit 83 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 83	1252 Secs (1252 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 83 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 83	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Pointing Maneuver
Pointing Maneuver
Exp. 9
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Reconfig
Unused Orbital Visibility = 100
GS Reacq
Pointing Maneuver
Exp. 13
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit 91 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 91, implementation Thu Apr 02 01:04:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Diagnostics

(Visit 91) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

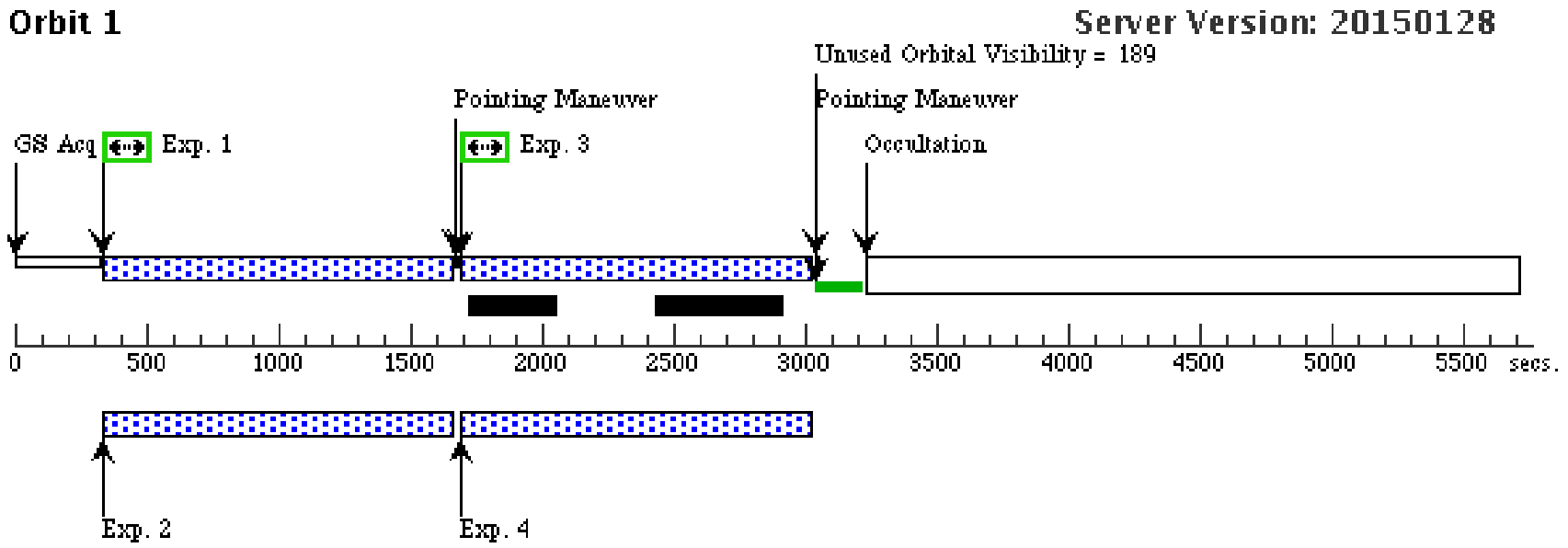
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

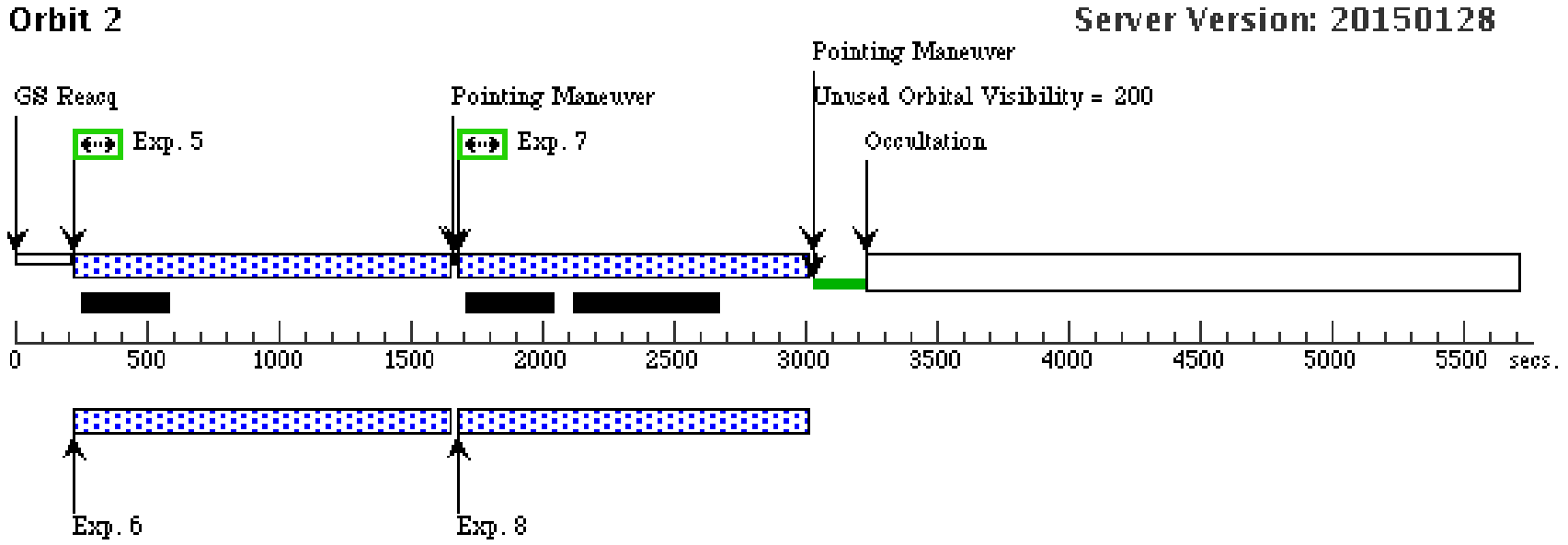
Exposures

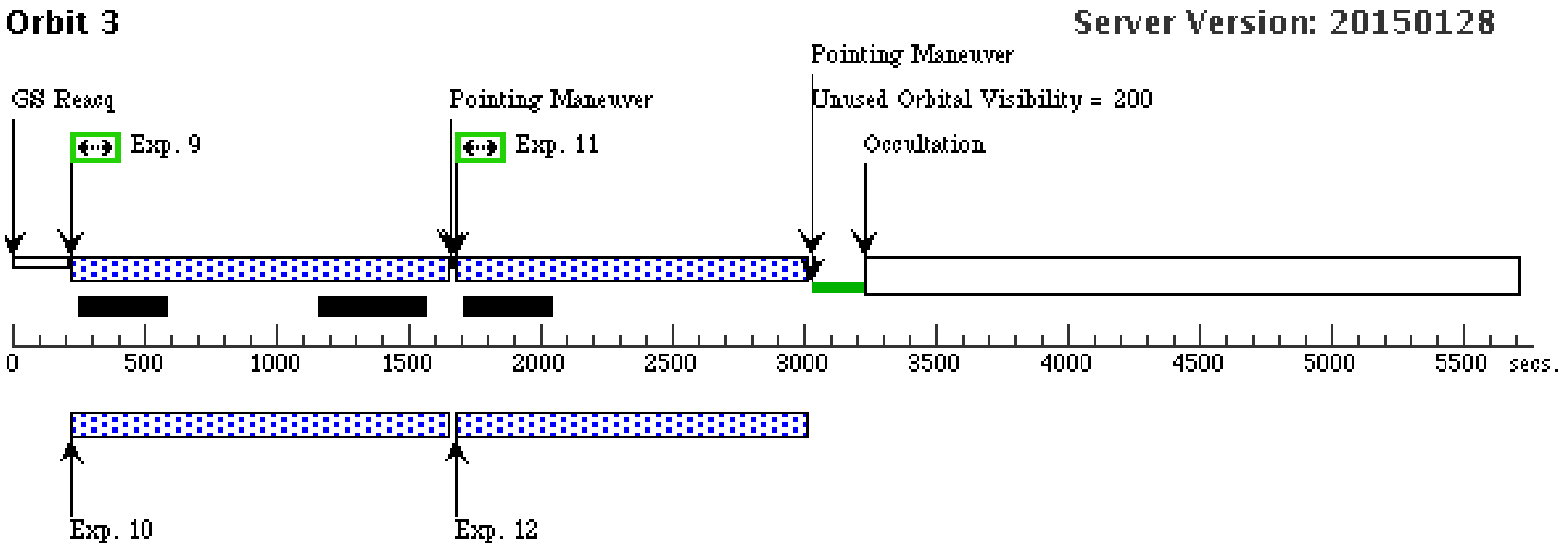
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.32495248,-6.159617265; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 91 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 91	1125 Secs (1125 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 91 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 91	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.581720323,-5.995537286; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 91 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 91	1186 Secs (1186 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 91 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 91	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.035234501,-6.216917432	Sequence 5-8 Non-Int in Visit 91 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 91	1285 Secs (1285 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 91 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 91	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.220853134,-5.938970138	Sequence 5-8 Non-Int in Visit 91 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 91	1186 Secs (1186 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 91 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 91	1302.93649 Secs (1302.936 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.186270791,-10.817520505	Sequence 9-12 Non-Int in Visit 91 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 91	1285 Secs (1285 Secs) *[==>]*	***[3]***

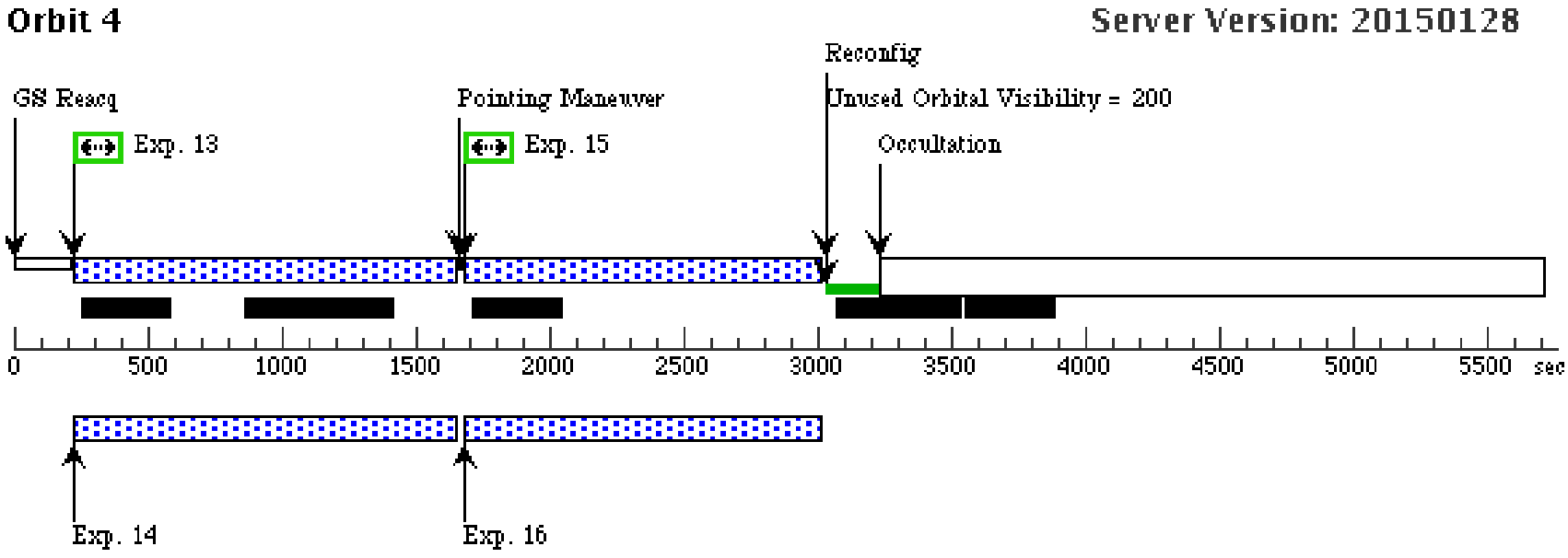
	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 91 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 91	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.360214912,-10.596140359	Sequence 9-12 Non-Int in Visit 91 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 91	1186 Secs (1186 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 91 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 91	1302.93649 Secs (1302.936 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.173916071,-10.874820672	Sequence 13-16 Non-Int in Visit 91 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 91	1285 Secs (1285 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 91 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 91	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.719668874,-10.652760318	Sequence 13-16 Non-Int in Visit 91 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 91	1186 Secs (1186 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 91 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 91	1302.93649 Secs (1302.936 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 200
Exp. 9
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Reconfig
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 200
Exp. 13
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit 92 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 92, implementation Thu Apr 02 01:04:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Diagnostics

(Visit 92) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

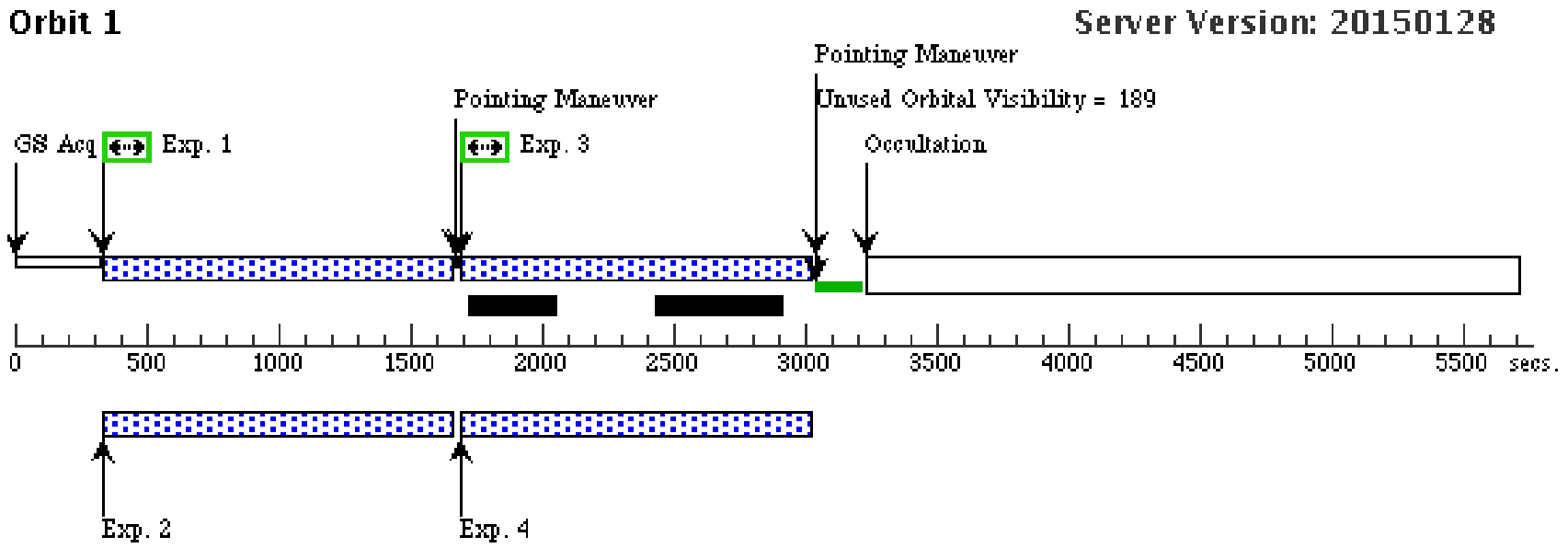
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

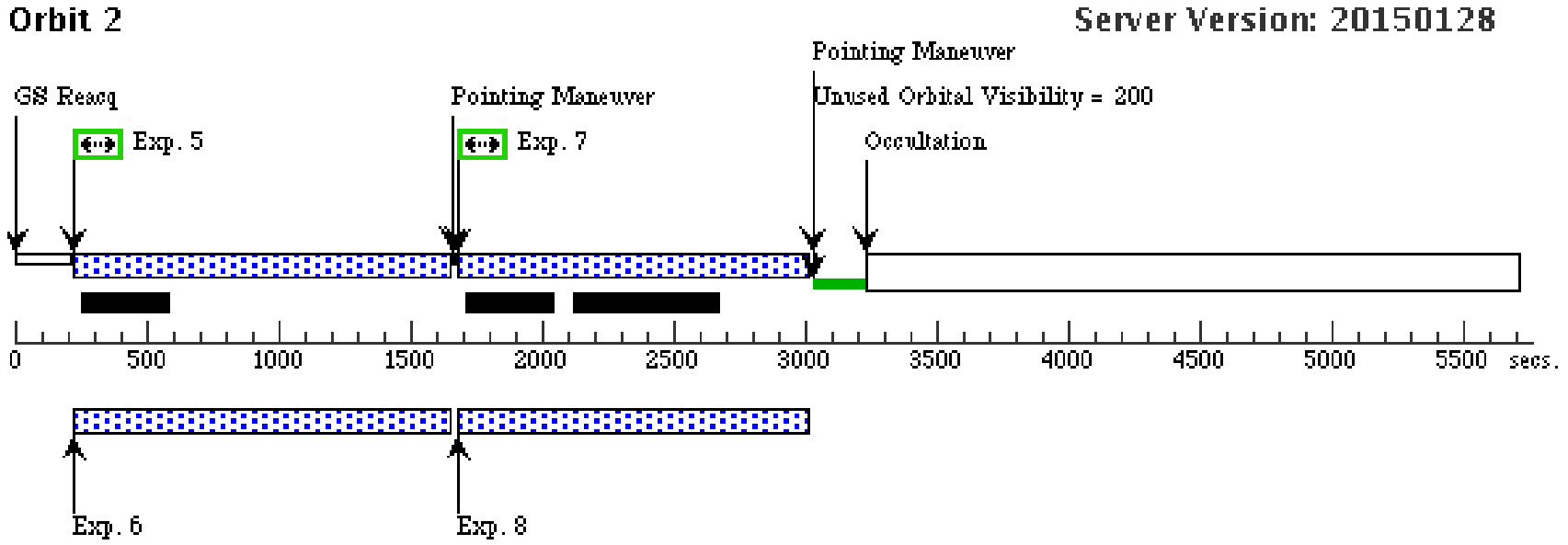
Exposures

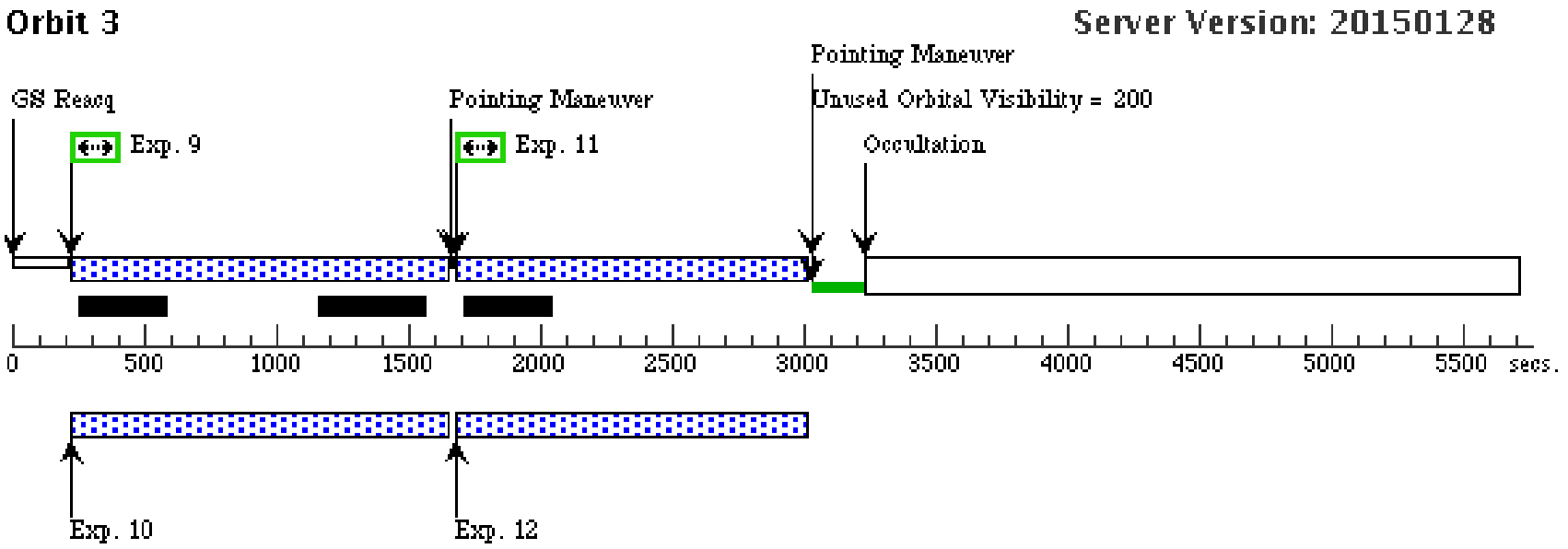
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.033578464,-6.269020927; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 92 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 92	1125 Secs (1125 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 92 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 92	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.321397211,-5.989660348; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 92 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 92	1186 Secs (1186 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 92 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 92	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.326555706,-6.324907867	Sequence 5-8 Non-Int in Visit 92 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 92	1285 Secs (1285 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 92 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 92	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.038056751,-6.046280307	Sequence 5-8 Non-Int in Visit 92 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 92	1186 Secs (1186 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 92 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 92	1302.93649 Secs (1302.936 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.105050295,-10.92551094	Sequence 9-12 Non-Int in Visit 92 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 92	1285 Secs (1285 Secs) *[==>]*	***[3]***

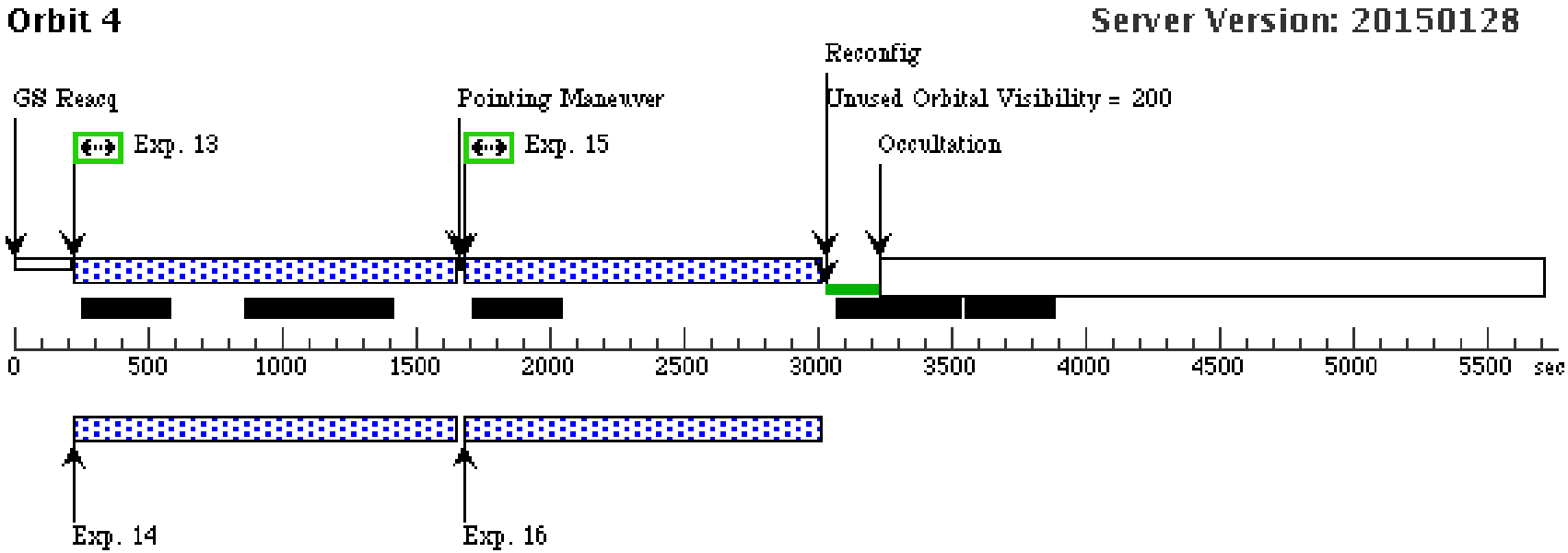
	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 92 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 92	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.18344866,-10.64688338	Sequence 9-12 Non-Int in Visit 92 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 92	1186 Secs (1186 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 92 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 92	1302.93649 Secs (1302.936 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.465237276,-10.982811107	Sequence 13-16 Non-Int in Visit 92 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 92	1285 Secs (1285 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 92 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 92	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.176738321,-10.704183547	Sequence 13-16 Non-Int in Visit 92 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 92	1186 Secs (1186 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 92 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 92	1302.93649 Secs (1302.936 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 200
Exp. 9
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Reconfig
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 200
Exp. 13
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit 93 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 93, implementation Thu Apr 02 01:04:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Diagnostics

(Visit 93) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

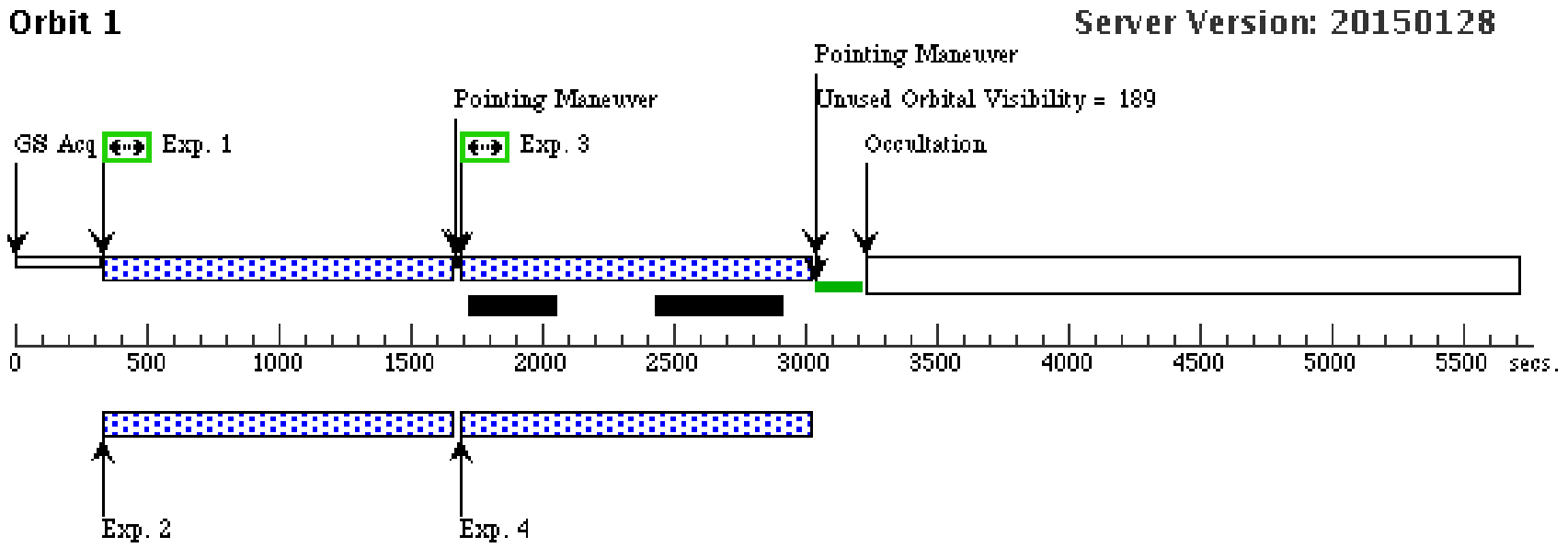
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

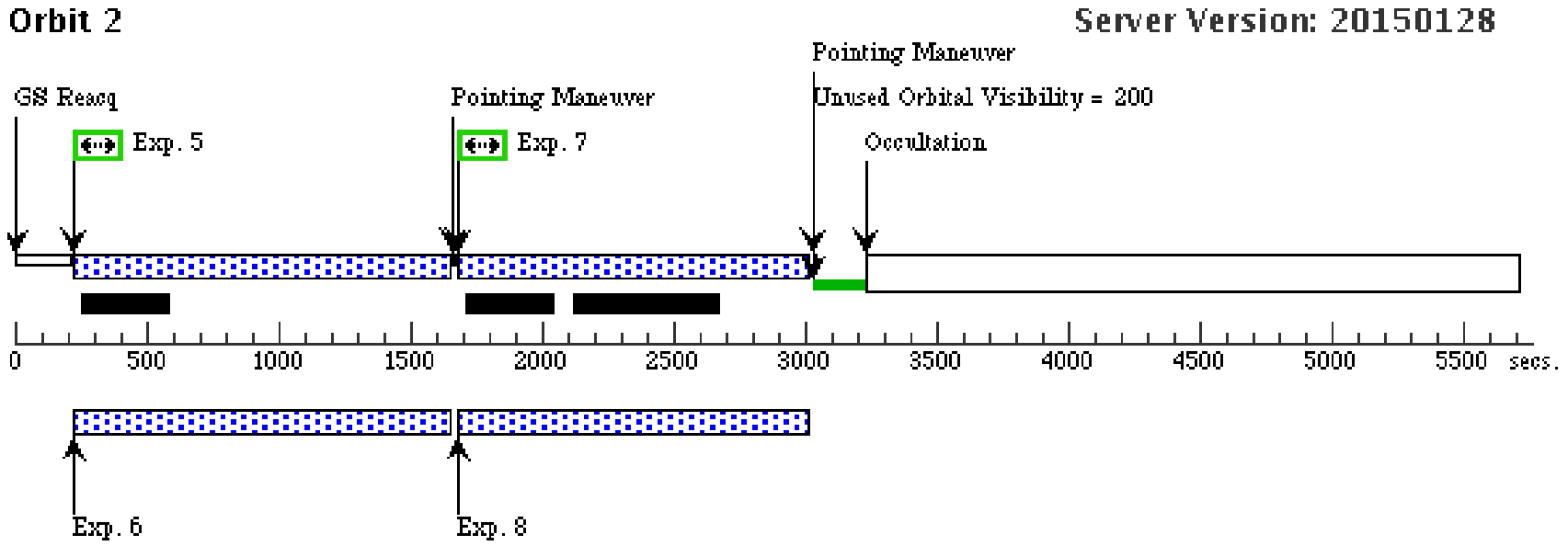
Exposures

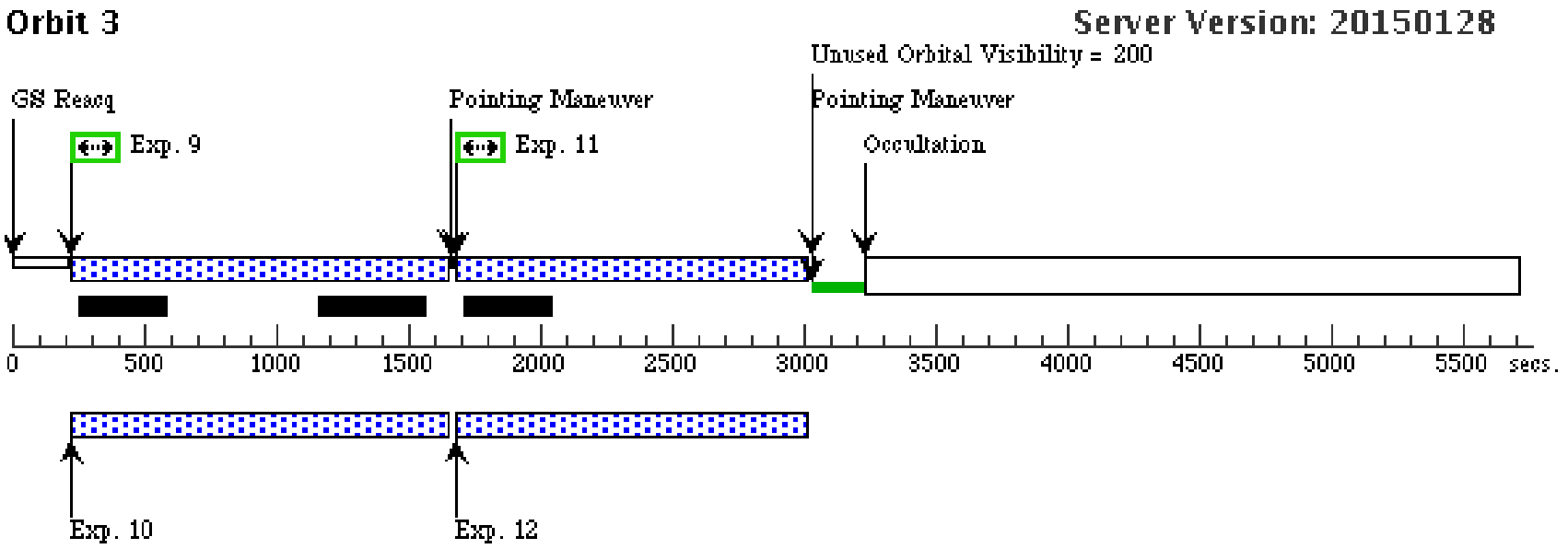
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.314075436,-5.782644852; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 93 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 93	1125 Secs (1125 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 93 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 93	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.328773826,-5.910878832; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 93 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 93	1186 Secs (1186 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 93 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 93	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.046111545,-5.725344685	Sequence 5-8 Non-Int in Visit 93 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 93	1285 Secs (1285 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 93 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 93	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.031360344,-5.854991892	Sequence 5-8 Non-Int in Visit 93 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 93	1186 Secs (1186 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 93 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 93	1302.93649 Secs (1302.936 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.092570025,-10.383247925	Sequence 9-12 Non-Int in Visit 93 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 93	1285 Secs (1285 Secs) *[==>]*	***[3]***

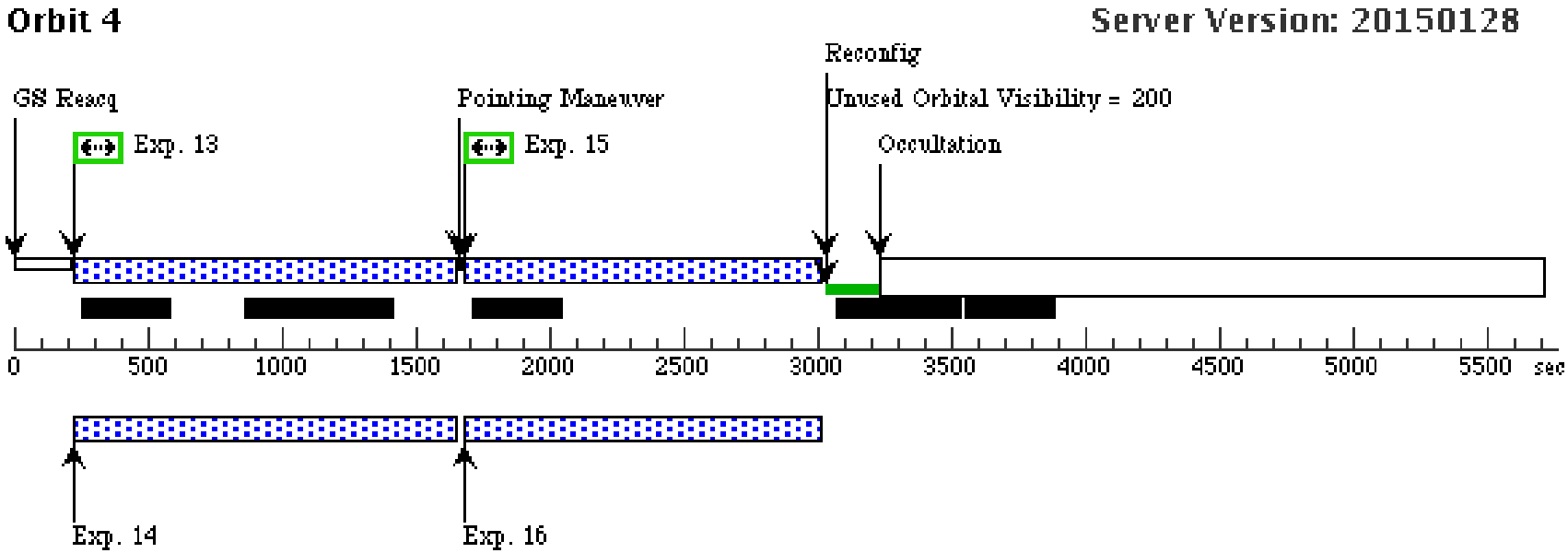
	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 93 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 93	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.107268415,-10.511481905	Sequence 9-12 Non-Int in Visit 93 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 93	1186 Secs (1186 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 93 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 93	1302.93649 Secs (1302.936 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.452757006,-10.440548092	Sequence 13-16 Non-Int in Visit 93 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 93	1285 Secs (1285 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 93 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 93	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.467455396,-10.568782072	Sequence 13-16 Non-Int in Visit 93 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 93	1186 Secs (1186 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 93 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 93	1302.93649 Secs (1302.936 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 200
GS Reacq
Pointing Maneuver
Pointing Maneuver
Exp. 9
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Reconfig
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 200
Exp. 13
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit 94 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 94, implementation Thu Apr 02 01:04:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Diagnostics

(Visit 94) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

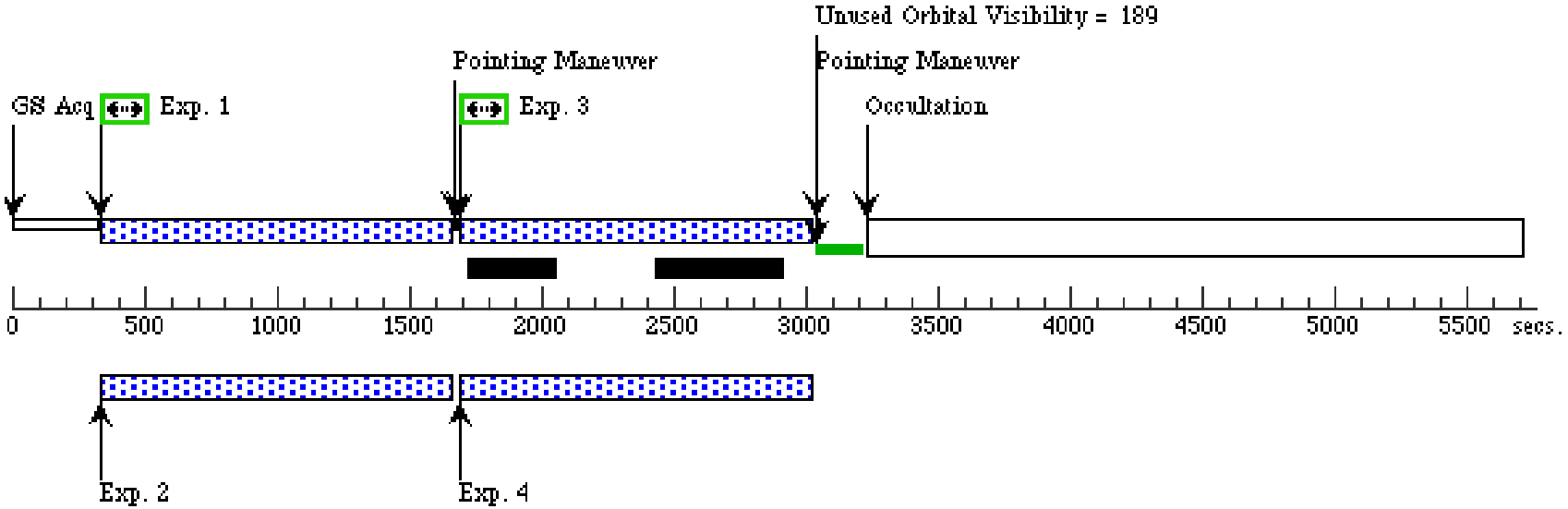
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.21530 1586,-6.244860902; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 94 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 94	1125 Secs (1125 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 94 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 94	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.21345 107,-6.34682449; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 94 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 94	1186 Secs (1186 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 94 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 94	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.57548 8567,-6.302161069	Sequence 5-8 Non-Int in Visit 94 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 94	1285 Secs (1285 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 94 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 94	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.57363 8051,-6.404124657	Sequence 5-8 Non-Int in Visit 94 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 94	1186 Secs (1186 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 94 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 94	1302.93649 Secs (1302.936 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.35398 3156,-10.902764142	Sequence 9-12 Non-Int in Visit 94 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 94	1285 Secs (1285 Secs) *[==>]*	***[3]***

	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 94 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 94	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.35213264,-11.00472773	Sequence 9-12 Non-Int in Visit 94 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 94	1186 Secs (1186 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 94 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 94	1302.93649 Secs (1302.936 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.71417 0137,-10.960064309	Sequence 13-16 Non-Int in Visit 94 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 94	1285 Secs (1285 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 94 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 94	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.71231 9621,-11.062027897	Sequence 13-16 Non-Int in Visit 94 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 94	1186 Secs (1186 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 94 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 94	1302.93649 Secs (1302.936 Secs) *[==>]*	***[4]***

Orbit Structure

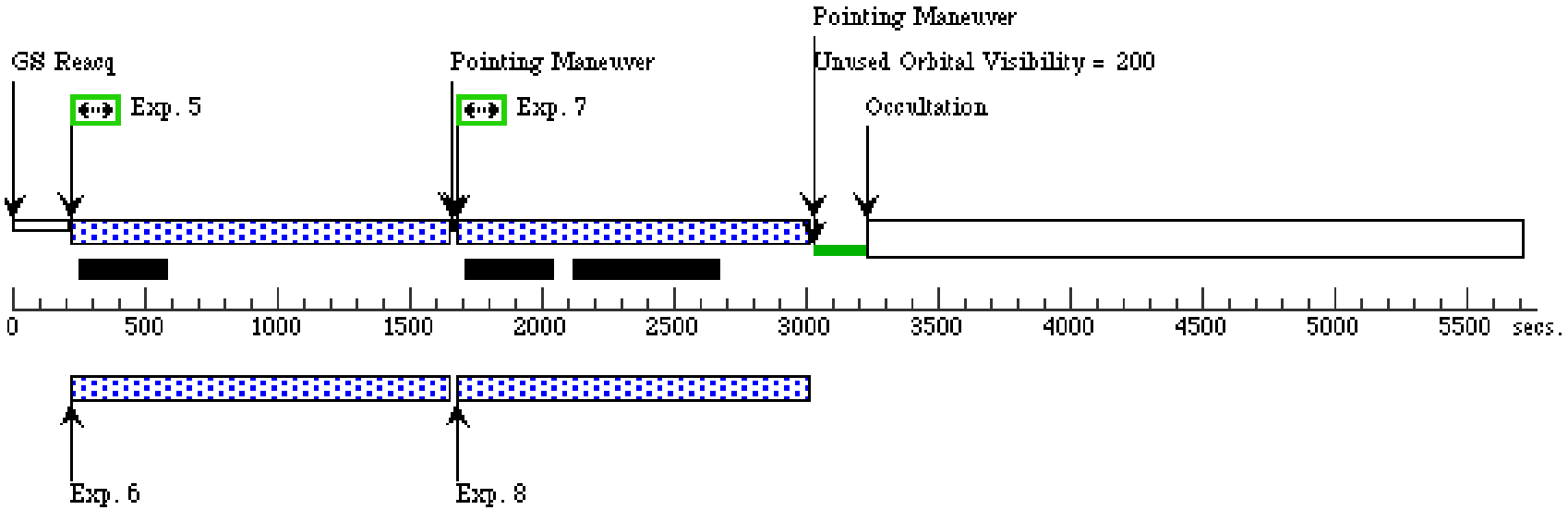
Orbit 1

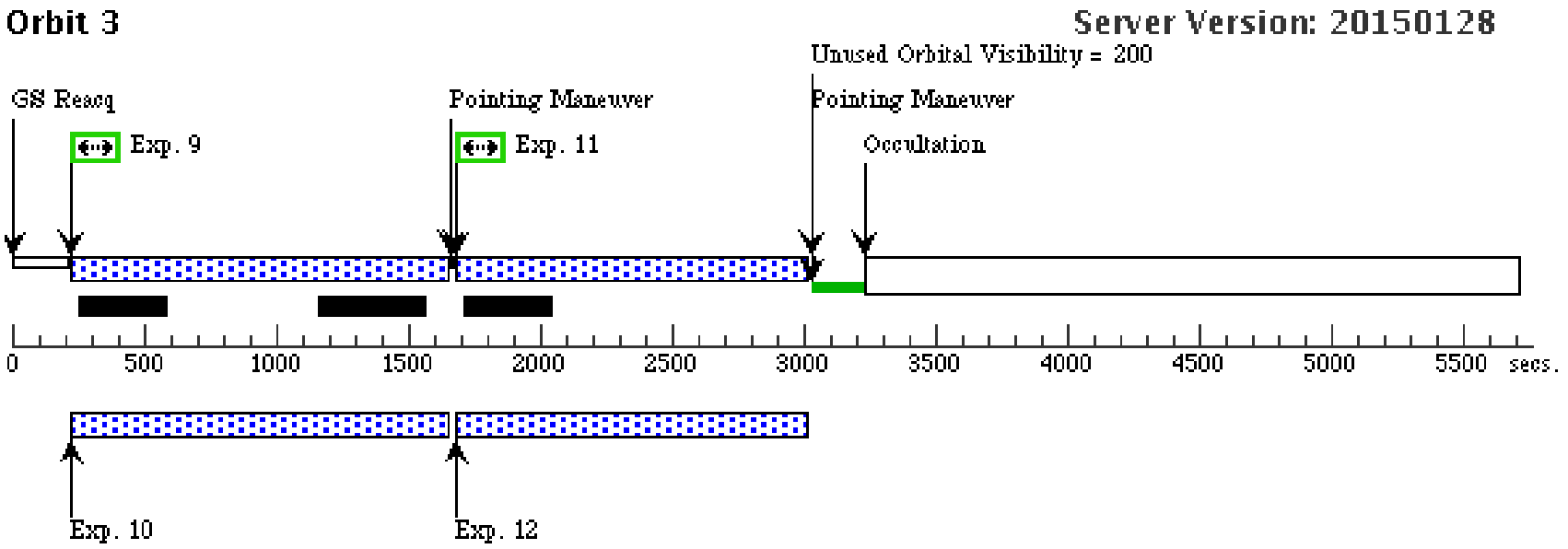
Server Version: 20150128

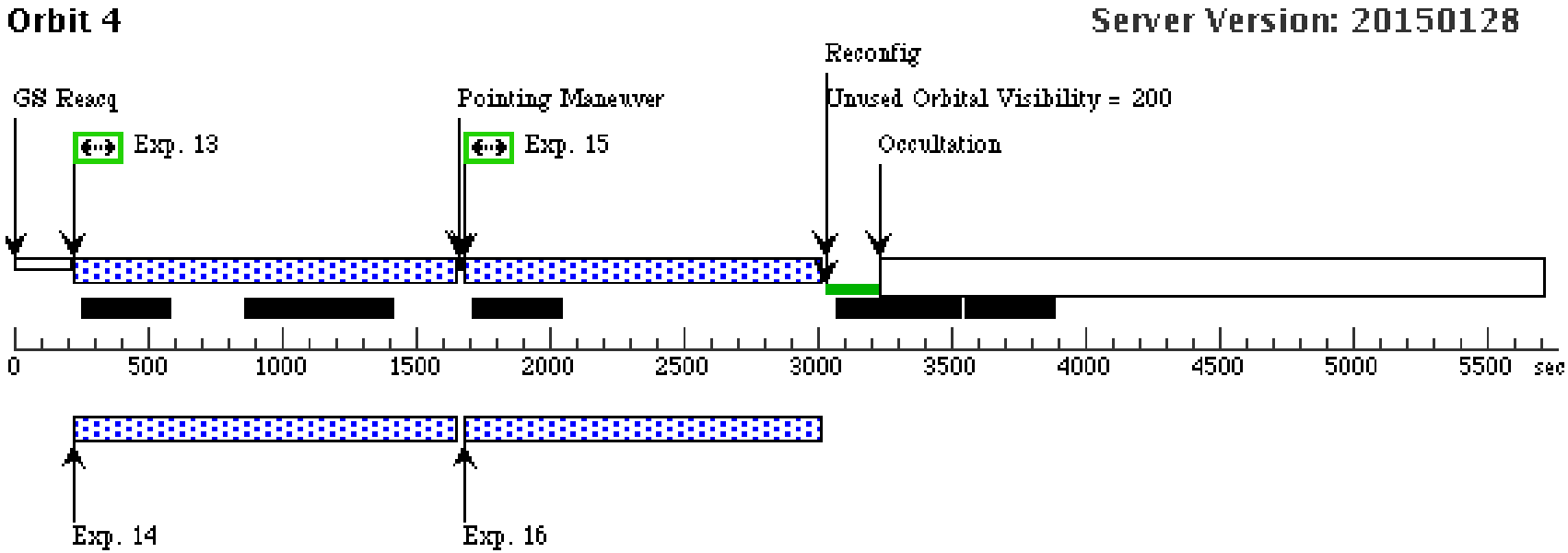


Orbit 2

Server Version: 20150128




Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 200
GS Reacq
Pointing Maneuver
Pointing Maneuver
Exp. 9
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Reconfig
Unused Orbital Visibility = 200
GS Reacq
Pointing Maneuver
Exp. 13
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit 95 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 95, implementation Thu Apr 02 01:04:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Diagnostics

(Visit 95) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

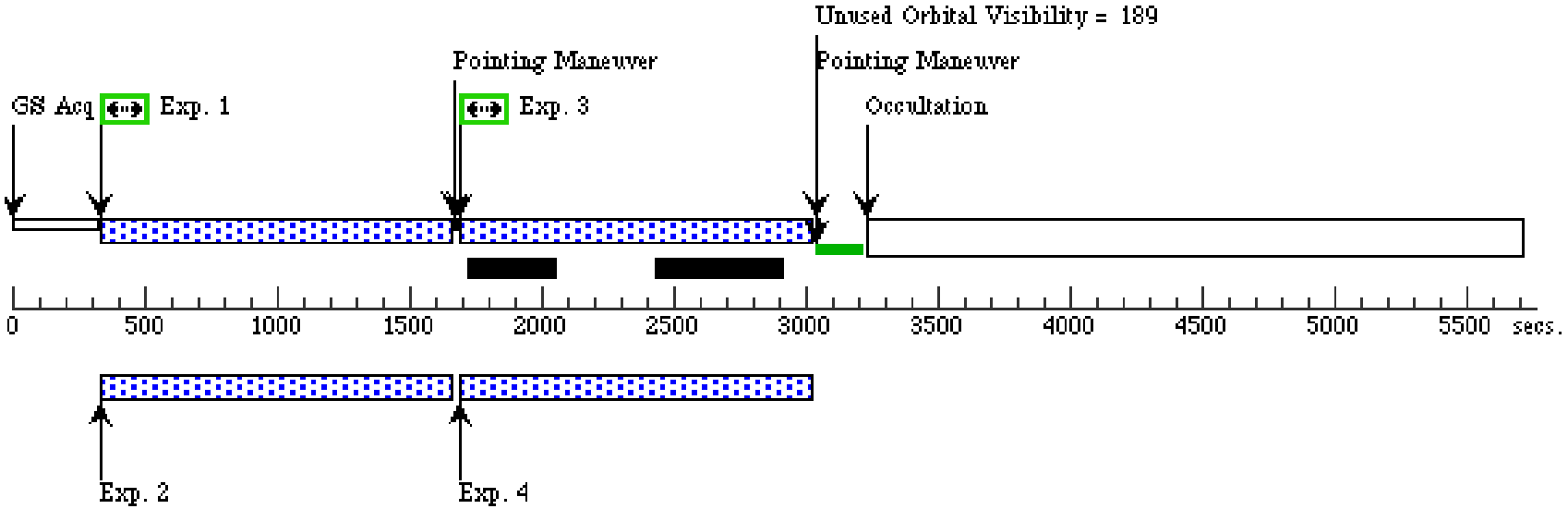
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.327628967,-6.296284131; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 95 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 95	1125 Secs (1125 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 95 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 95	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.030707498,-6.455547886; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 95 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 95	1186 Secs (1186 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 95 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 95	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.033238222,-6.352851279	Sequence 5-8 Non-Int in Visit 95 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 95	1285 Secs (1285 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 95 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 95	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.329479483,-6.398247719	Sequence 5-8 Non-Int in Visit 95 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 95	1186 Secs (1186 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 95 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 95	1302.93649 Secs (1302.936 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.188947397,-10.954187371	Sequence 9-12 Non-Int in Visit 95 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 95	1285 Secs (1285 Secs) *[==>]*	***[3]***

	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 95 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 95	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.190797913,-11.056150959	Sequence 9-12 Non-Int in Visit 95 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 95	1186 Secs (1186 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 95 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 95	1302.93649 Secs (1302.936 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.171186773,-11.010074311	Sequence 13-16 Non-Int in Visit 95 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 95	1285 Secs (1285 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 95 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 95	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.170069276,-11.112718107	Sequence 13-16 Non-Int in Visit 95 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 95	1186 Secs (1186 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 95 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 95	1302.93649 Secs (1302.936 Secs) *[==>]*	***[4]***

Orbit Structure

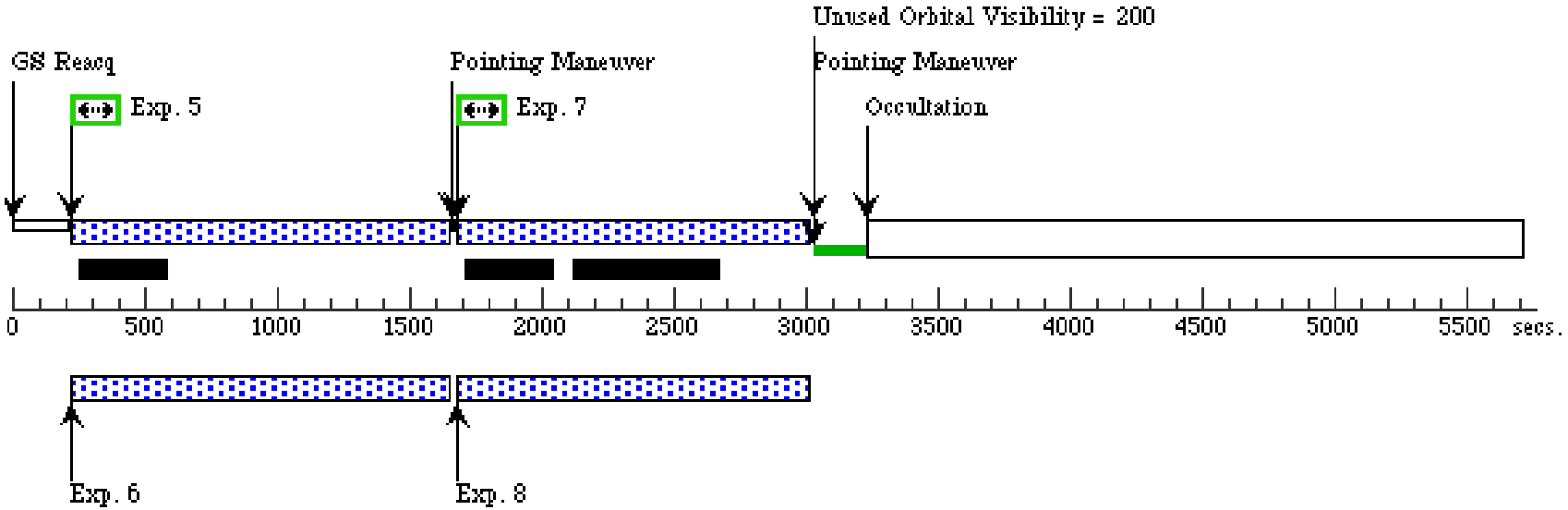
Orbit 1

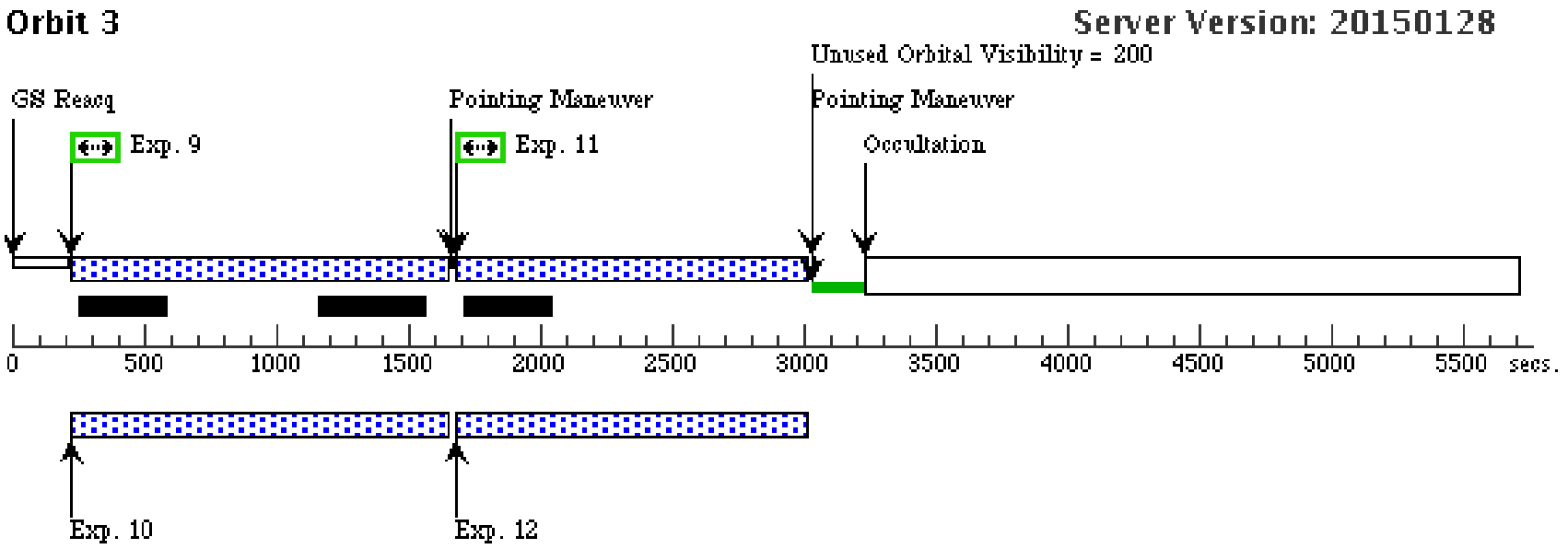
Server Version: 20150128

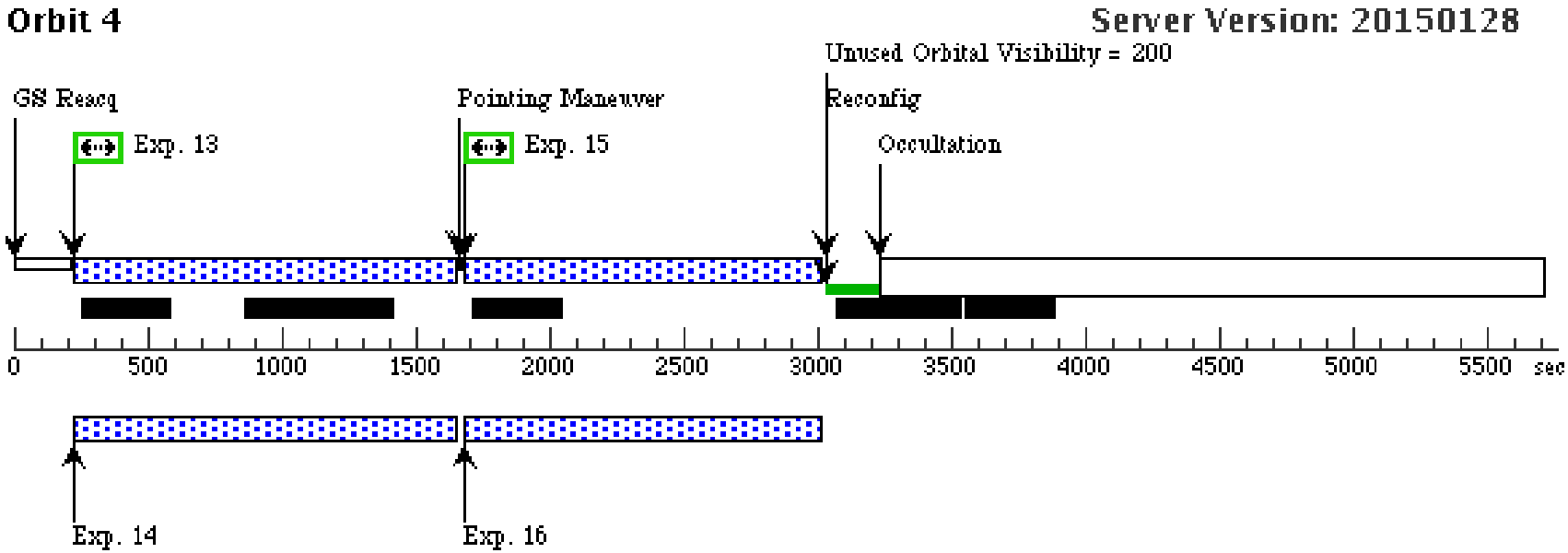


Orbit 2

Server Version: 20150128




Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 200
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 200
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit 96 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 96, implementation Thu Apr 02 01:04:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Diagnostics

(Visit 96) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

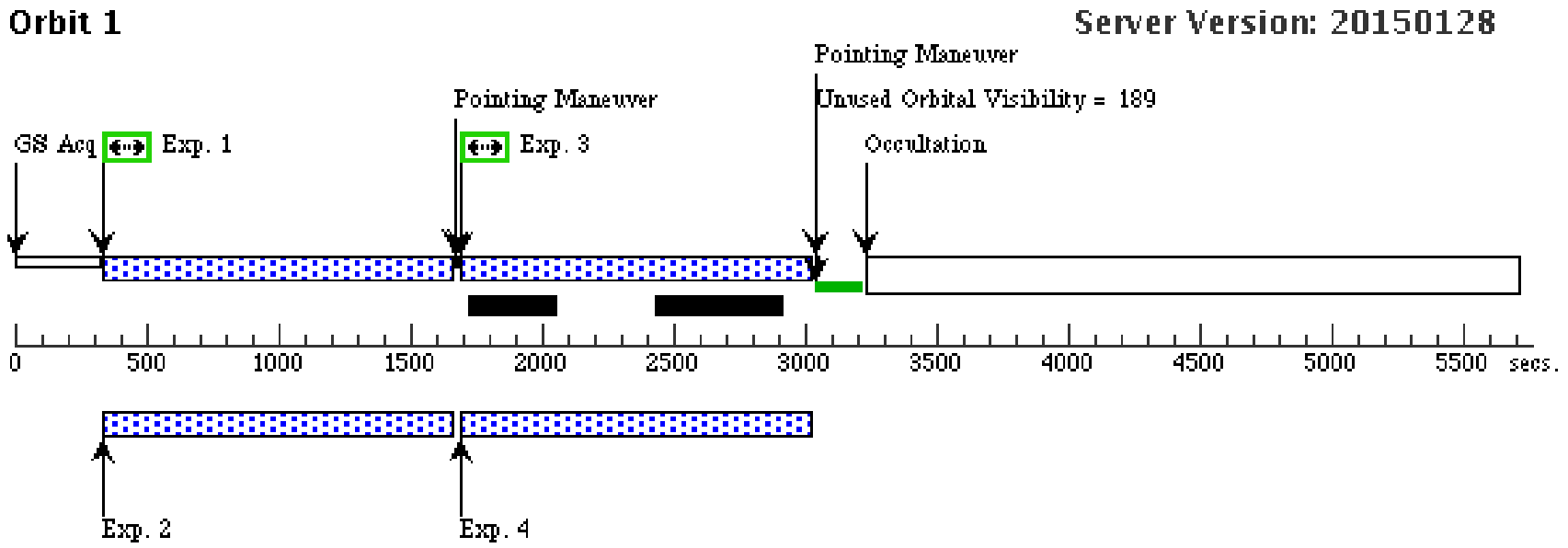
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

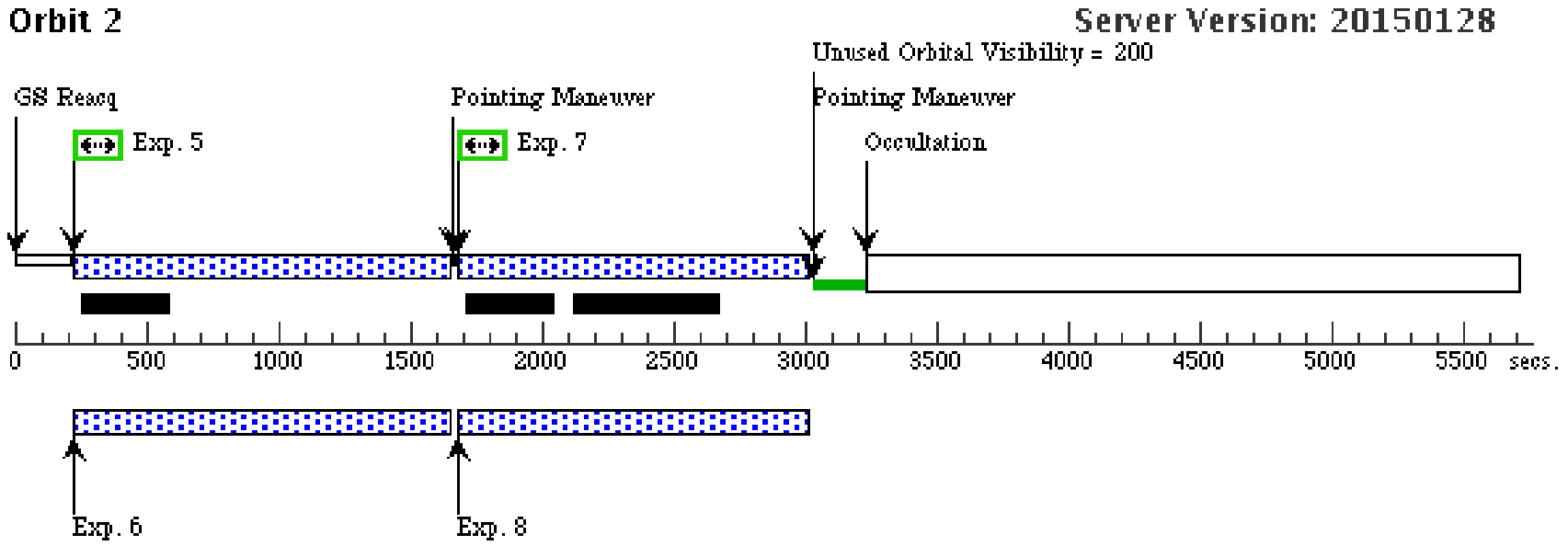
Exposures

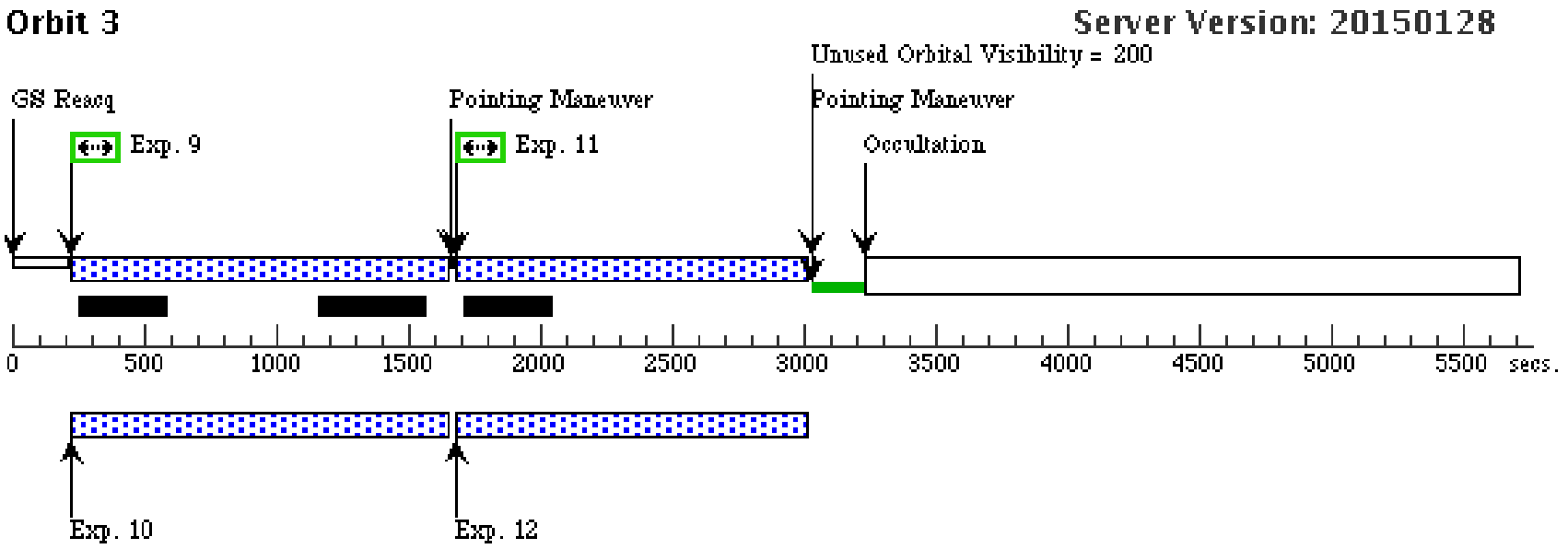
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.233643935,-6.470607545; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 96 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 96	1125 Secs (1125 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 96 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 96	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.181022869,-6.577298783; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 96 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 96	1186 Secs (1186 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 96 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 96	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.126543046,-6.413307378	Sequence 5-8 Non-Int in Visit 96 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 96	1285 Secs (1285 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 96 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 96	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.179164112,-6.519998616	Sequence 5-8 Non-Int in Visit 96 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 96	1186 Secs (1186 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 96 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 96	1302.93649 Secs (1302.936 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.012138524,-11.071210618	Sequence 9-12 Non-Int in Visit 96 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 96	1285 Secs (1285 Secs) *[==>]*	***[3]***

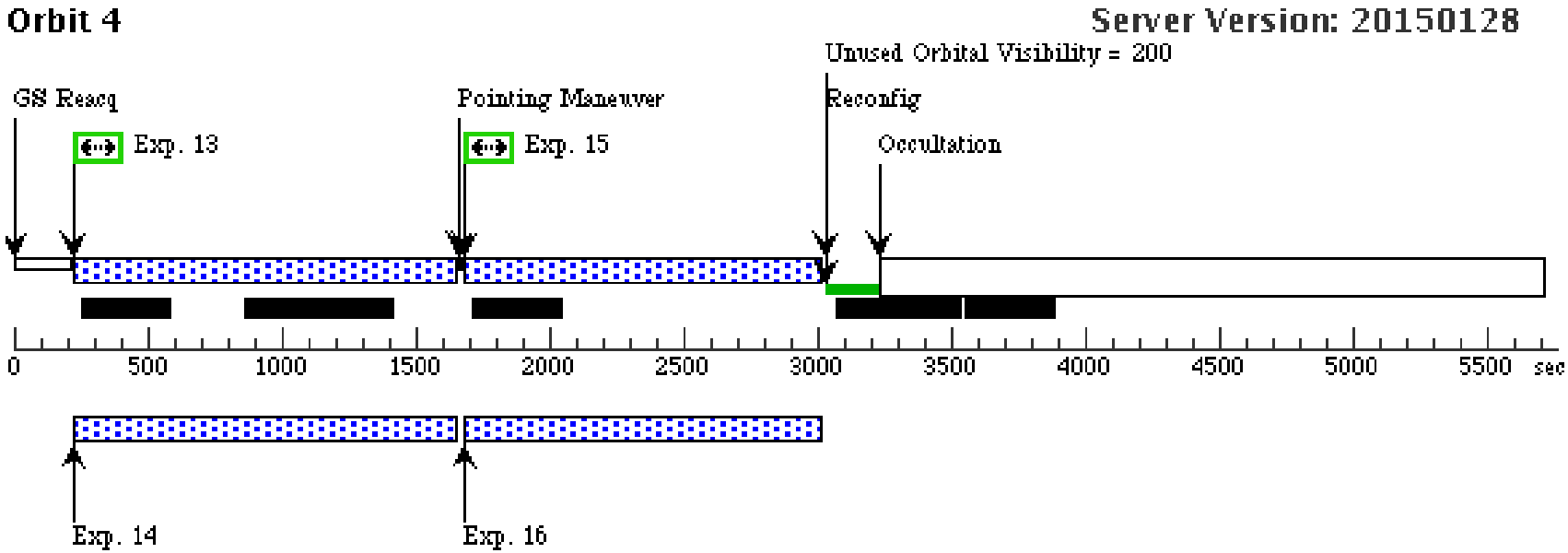
	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 96 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 96	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.040482542,-11.177901856	Sequence 9-12 Non-Int in Visit 96 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 96	1186 Secs (1186 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 96 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 96	1302.93649 Secs (1302.936 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.37227 2694,-11.127097558	Sequence 13-16 Non-Int in Visit 96 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 96	1285 Secs (1285 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 96 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 96	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.31970 4439,-11.235202023	Sequence 13-16 Non-Int in Visit 96 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 96	1186 Secs (1186 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 96 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 96	1302.93649 Secs (1302.936 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 200
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 200
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit 97 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 97, implementation Thu Apr 02 01:04:41 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Diagnostics

(Visit 97) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

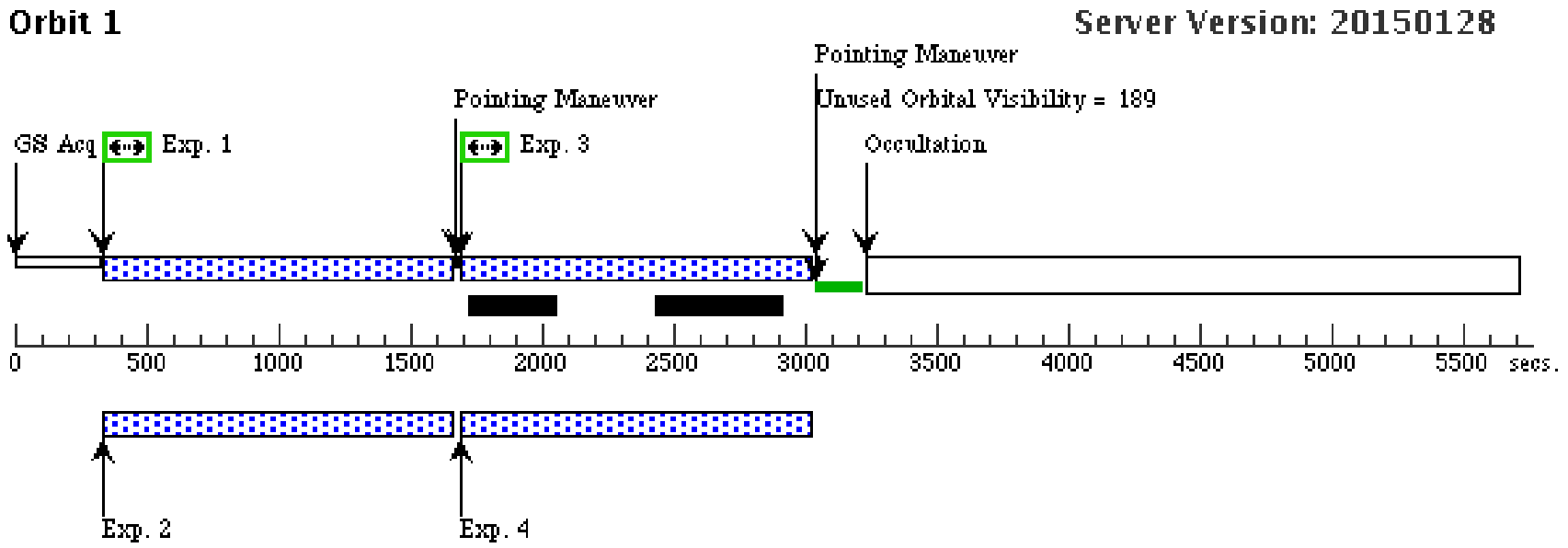
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

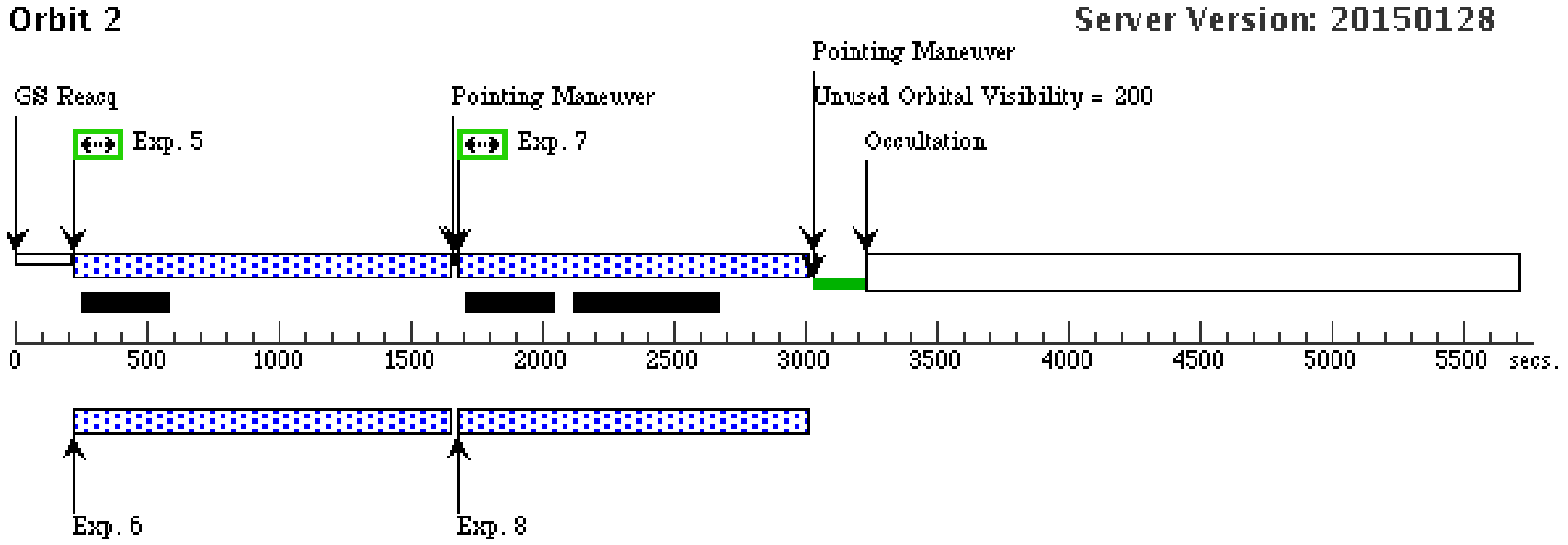
Exposures

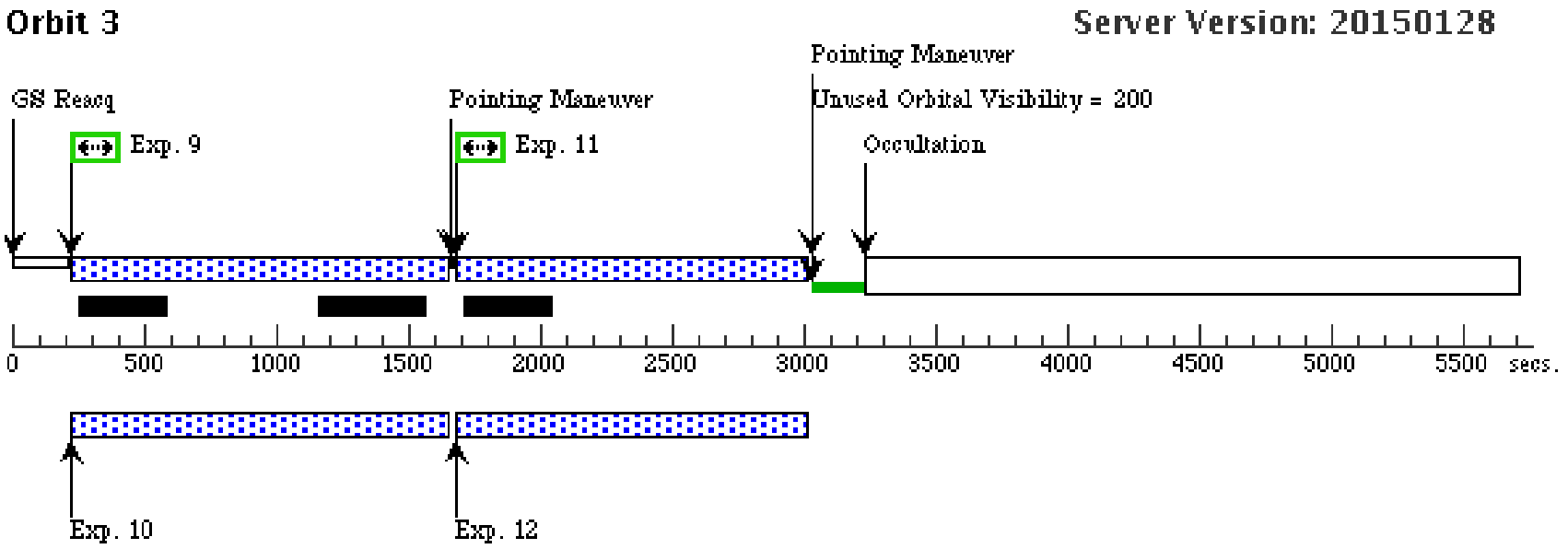
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.093793717,-5.888459381; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 97 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 97	1125 Secs (1125 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 97 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 97	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.169085561,-5.975477398; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 97 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 97	1186 Secs (1186 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 97 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 97	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.266393264,-5.945759548	Sequence 5-8 Non-Int in Visit 97 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 97	1285 Secs (1285 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 97 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 97	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.19110142,-6.032777565	Sequence 5-8 Non-Int in Visit 97 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 97	1186 Secs (1186 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 97 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 97	1302.93649 Secs (1302.936 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.044887853,-10.546362621	Sequence 9-12 Non-Int in Visit 97 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 97	1285 Secs (1285 Secs) *[==>]*	***[3]***

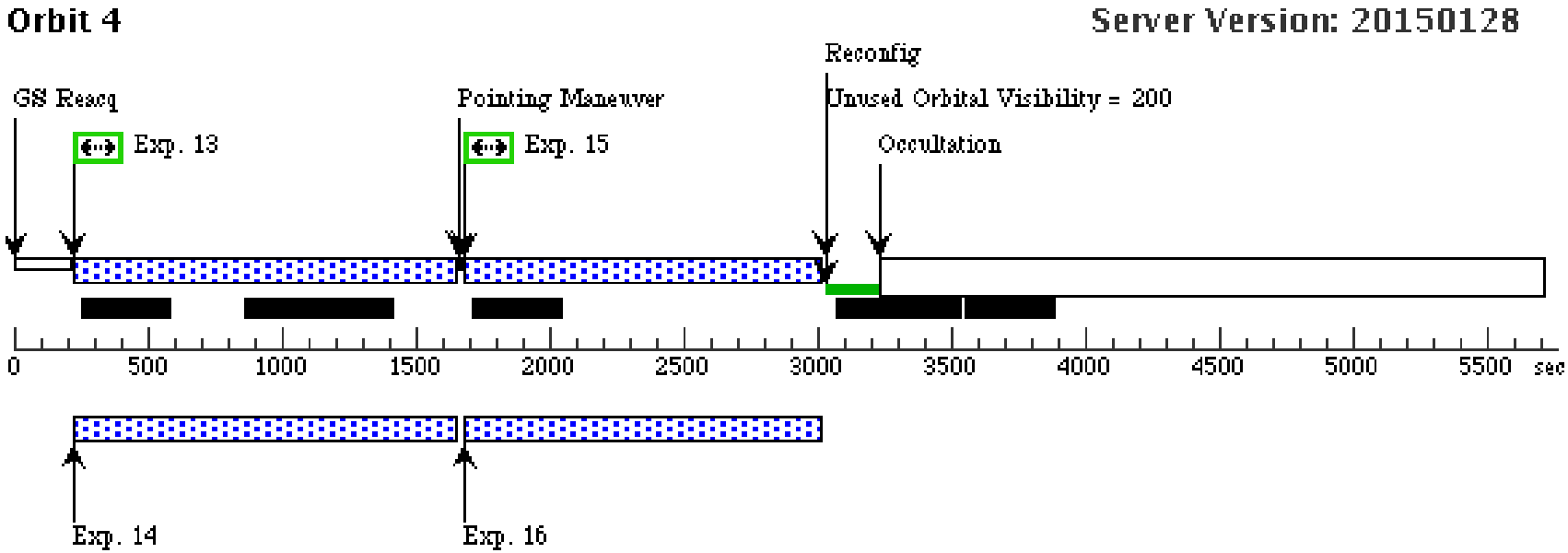
	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 97 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 97	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.03113701,-10.63270043	Sequence 9-12 Non-Int in Visit 97 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 97	1186 Secs (1186 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 97 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 97	1302.93649 Secs (1302.936 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.40434181 5,-10.60298258	Sequence 13-16 Non-Int in Visit 97 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 97	1285 Secs (1285 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 97 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 97	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.32973017 9,-10.689267578	Sequence 13-16 Non-Int in Visit 97 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 97	1186 Secs (1186 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 97 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 97	1302.93649 Secs (1302.936 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Pointing Maneuver
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 200
Exp. 9
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Reconfig
GS Reacq
Pointing Maneuver
Unused Orbital Visibility = 200
Exp. 13
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit 98 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 98, implementation Thu Apr 02 01:04:41 GMT 2015

Diagnostic Status: No Diagnostics

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Fixed Targets

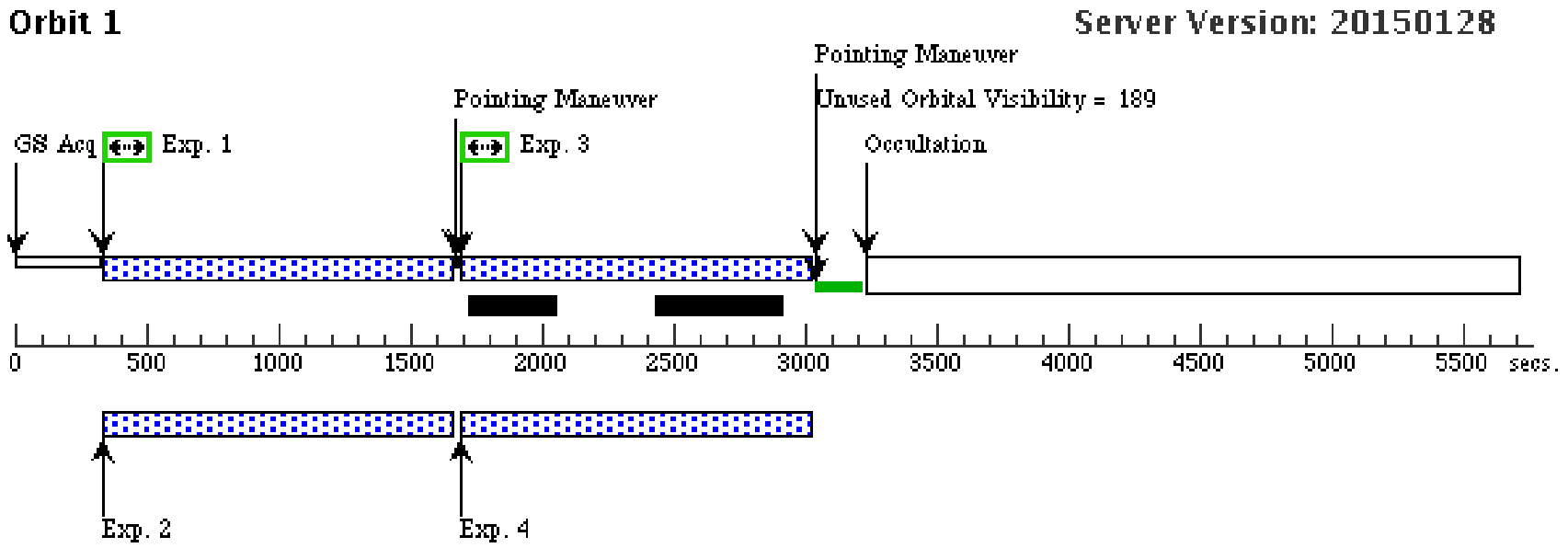
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

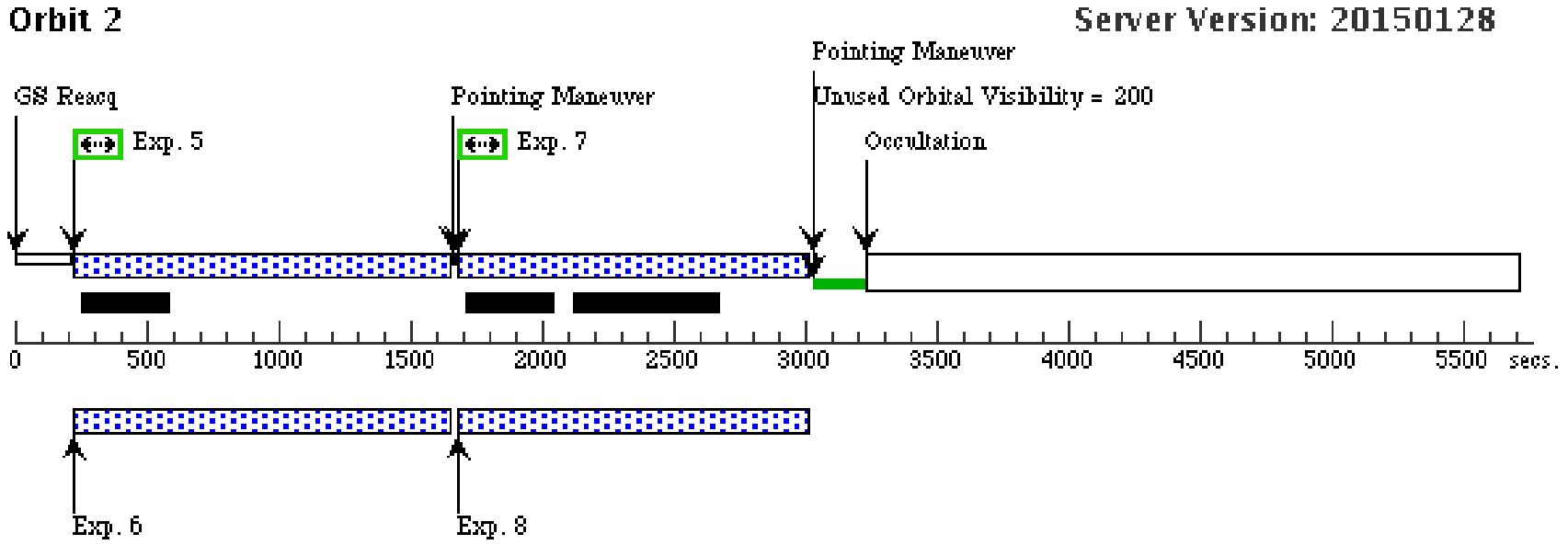
Exposures

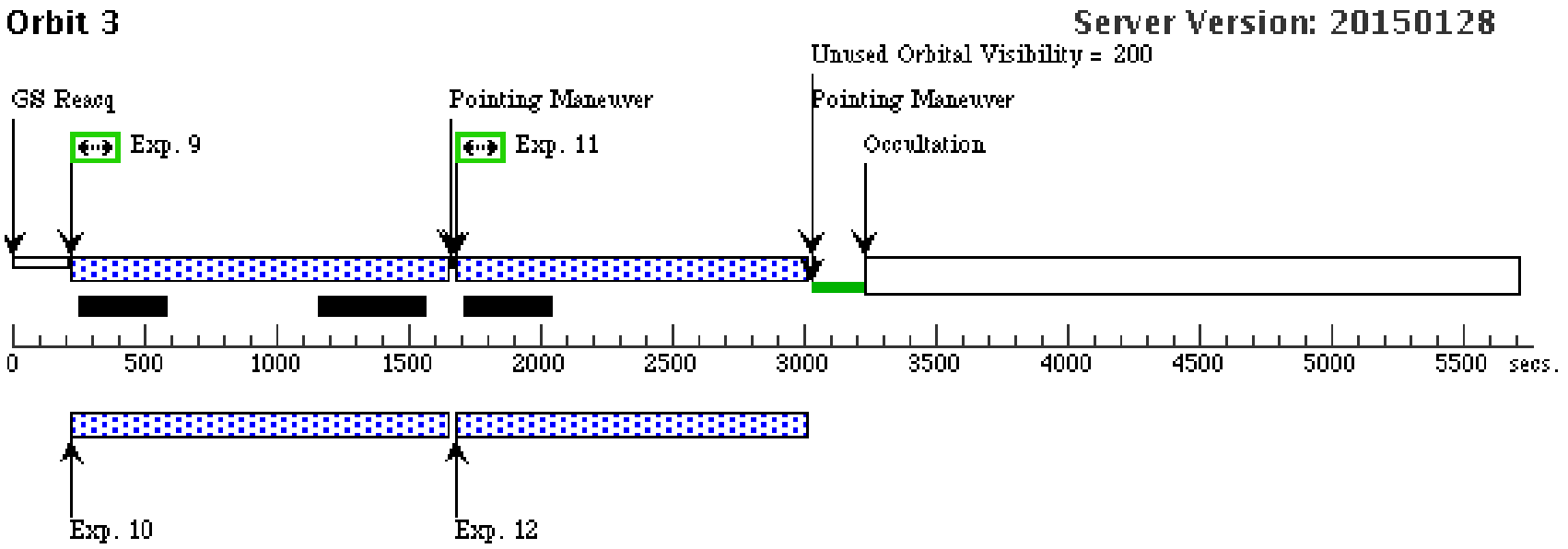
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.39866622,-6.11488629	Sequence 1-4 Non-Int in Visit 98 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 98	1125 Secs (1125 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 98 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 98	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.728626188,-6.253274841	Sequence 1-4 Non-Int in Visit 98 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 98	1186 Secs (1186 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 98 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 98	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.758120182,-6.171506249	Sequence 5-8 Non-Int in Visit 98 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 98	1285 Secs (1285 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 98 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 98	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.368492018,-6.197387901	Sequence 5-8 Non-Int in Visit 98 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 98	1186 Secs (1186 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 98 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 98	1302.93649 Secs (1302.936 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.536614771,-10.772109322	Sequence 9-12 Non-Int in Visit 98 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 98	1285 Secs (1285 Secs) *[==>]*	***[3]***

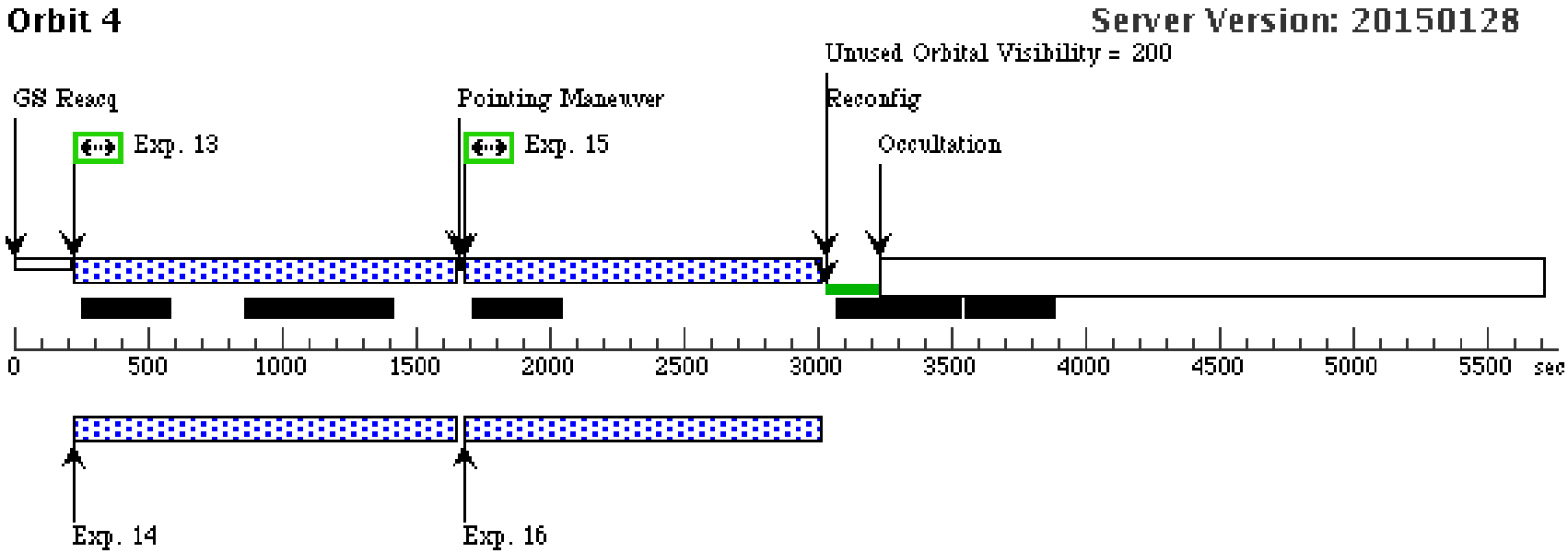
	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 98 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 98	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.507120777,-10.853877914	Sequence 9-12 Non-Int in Visit 98 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 98	1186 Secs (1186 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 98 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 98	1302.93649 Secs (1302.936 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.896801752,-10.829409489	Sequence 13-16 Non-Int in Visit 98 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 98	1285 Secs (1285 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 98 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 98	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.867307758,-10.911178081	Sequence 13-16 Non-Int in Visit 98 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 98	1186 Secs (1186 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 98 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 98	1302.93649 Secs (1302.936 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 200
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 200
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit 99 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit 99, implementation Thu Apr 02 01:04:42 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 125D TO 125 D; BETWEEN 01-APR-2015:00:00:00 AND 01-JUL-2015:00:00:00

Diagnostics

(Visit 99) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

Exposures

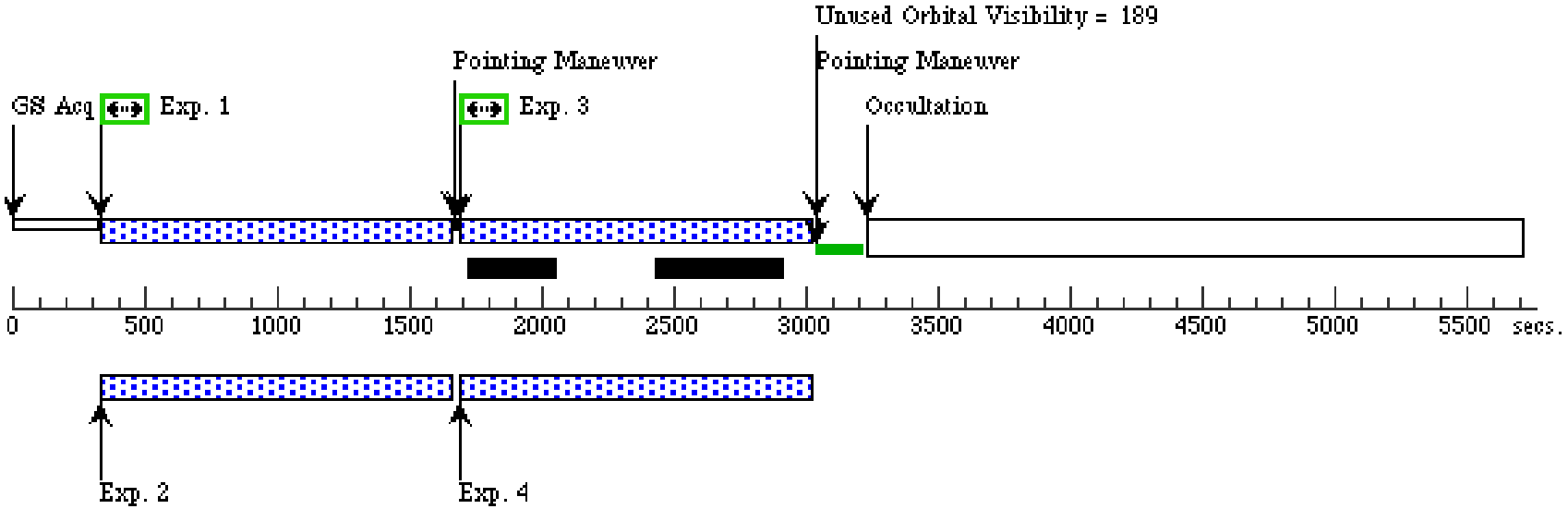
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.26180302,-6.39147311; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 99 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 99	1125 Secs (1125 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 99 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit 99	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.302146369,-6.429129658; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit 99 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 99	1186 Secs (1186 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 1-4 Non-Int in Visit 99 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit 99	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.0983839610000002,-6.448773277	Sequence 5-8 Non-Int in Visit 99 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 99	1285 Secs (1285 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 99 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit 99	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG -0.057987801,-6.373242718	Sequence 5-8 Non-Int in Visit 99 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 99	1186 Secs (1186 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 5-8 Non-Int in Visit 99 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit 99	1302.93649 Secs (1302.936 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG -0.12312145,-11.04937635	Sequence 9-12 Non-Int in Visit 99 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 99	1285 Secs (1285 Secs) *[==>]*	***[3]***

	10	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 99 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit 99	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.0806409579999998,-11.029732731	Sequence 9-12 Non-Int in Visit 99 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 99	1186 Secs (1186 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 9-12 Non-Int in Visit 99 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit 99	1302.93649 Secs (1302.936 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F814W		POS TARG 0.237065531,-11.106676517	Sequence 13-16 Non-Int in Visit 99 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 99	1285 Secs (1285 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 99 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit 99	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	ACS/WFC, ACCUM, WFCENTER	F435W		POS TARG 0.440827939,-11.087032898	Sequence 13-16 Non-Int in Visit 99 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 99	1186 Secs (1186 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=14; SAMP-SEQ=SPARS100		Sequence 13-16 Non-Int in Visit 99 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit 99	1302.93649 Secs (1302.936 Secs) *[==>]*	***[4]***

Orbit Structure

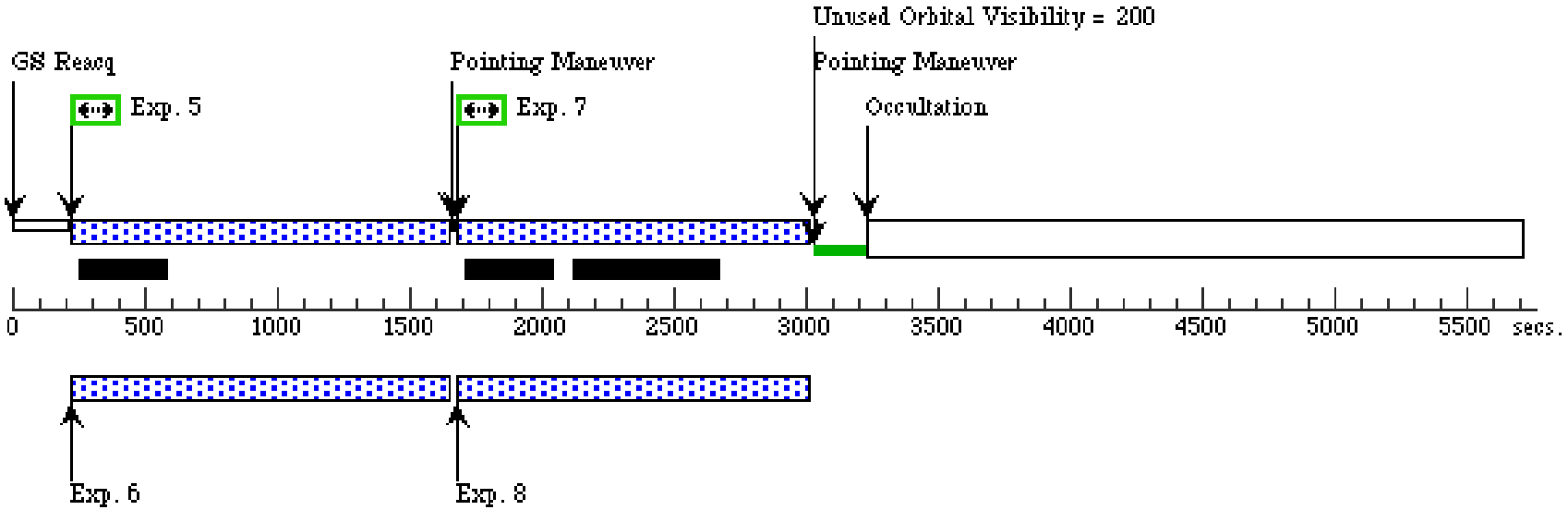
Orbit 1

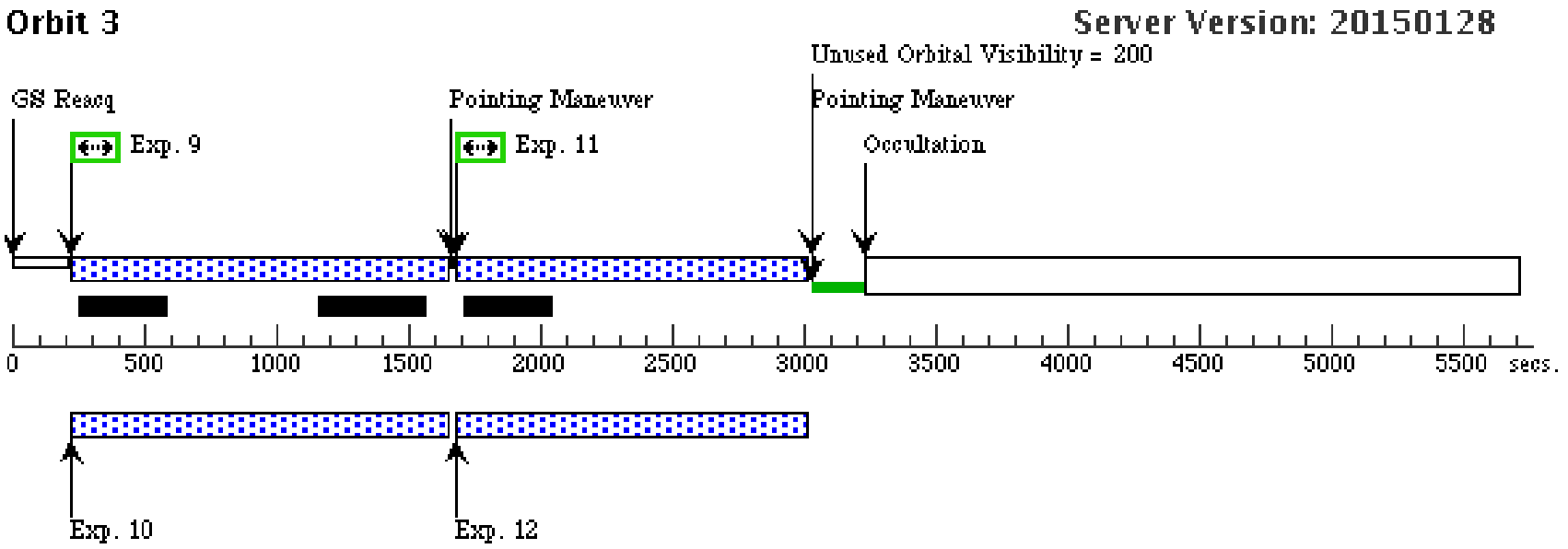
Server Version: 20150128

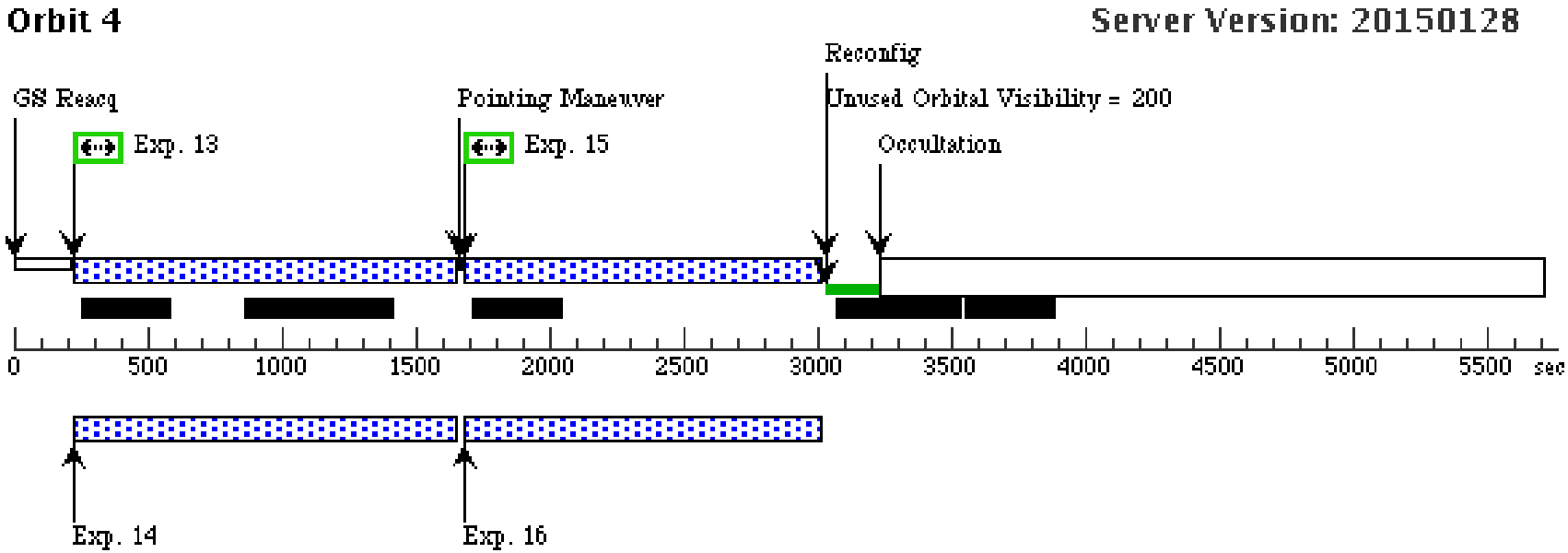


Orbit 2

Server Version: 20150128




Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 200
GS Reacq
Pointing Maneuver
Pointing Maneuver
Exp. 9
Exp. 11
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Reconfig
Unused Orbital Visibility = 200
GS Reacq
Pointing Maneuver
Exp. 13
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit A1 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit A1, completed Thu Apr 02 01:04:42 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit A1) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

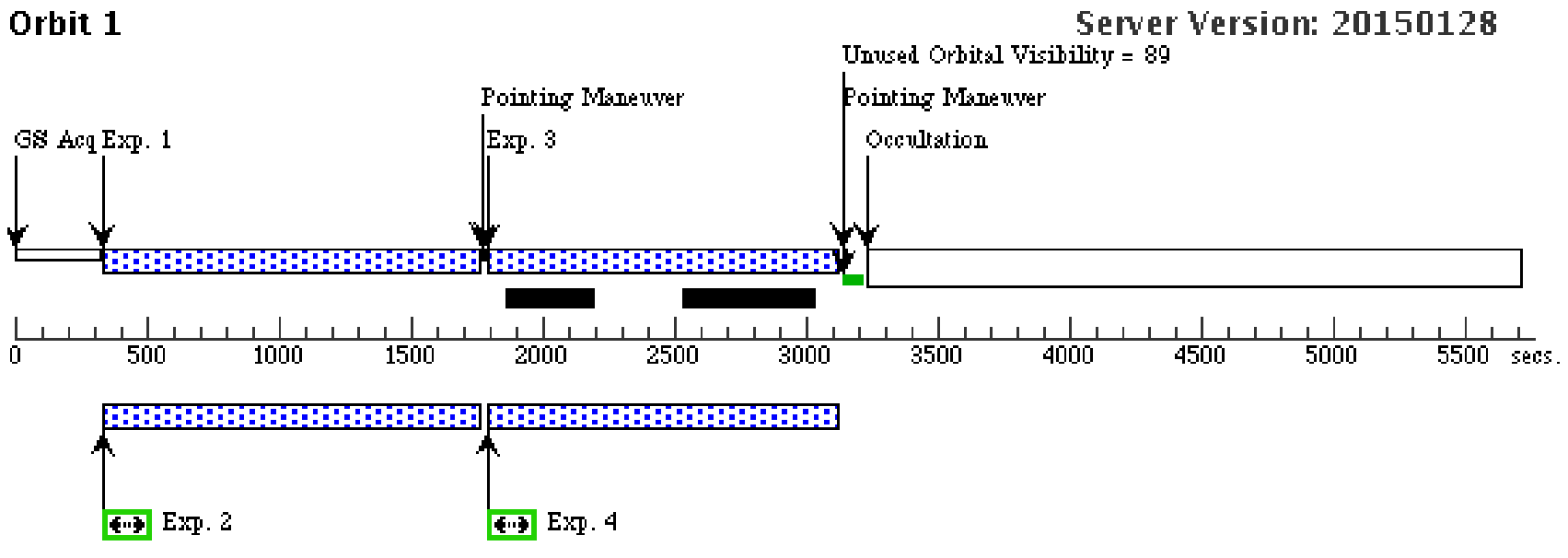
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

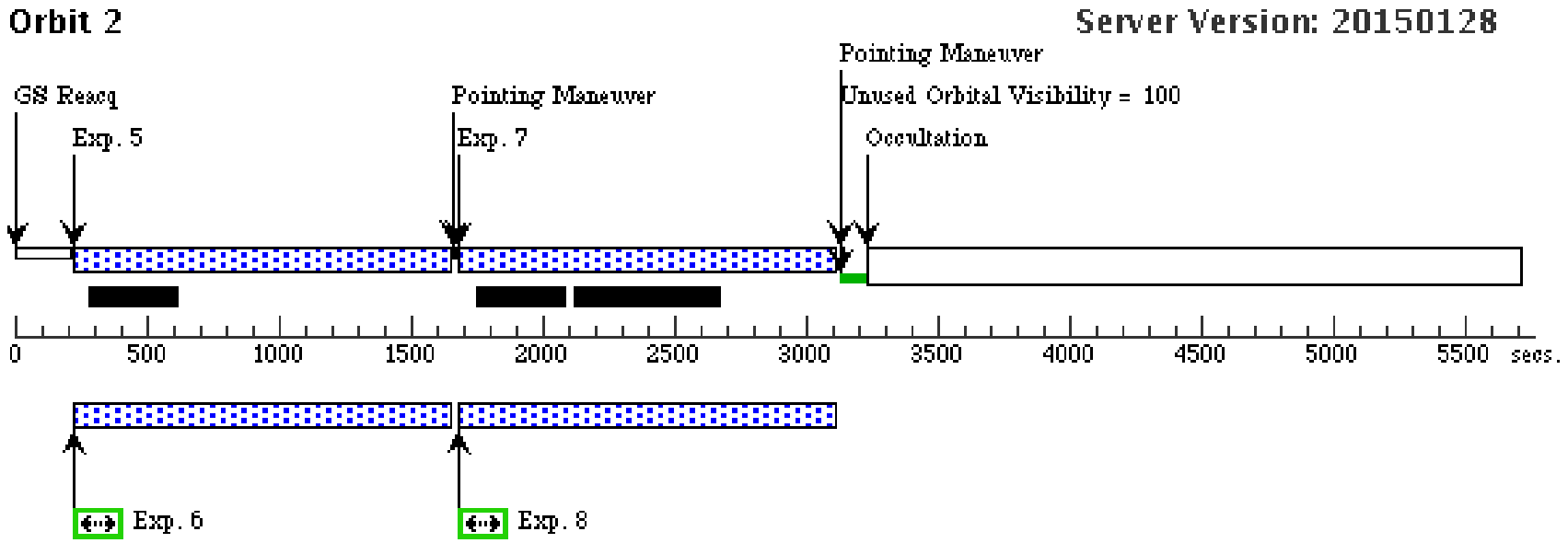
Exposures

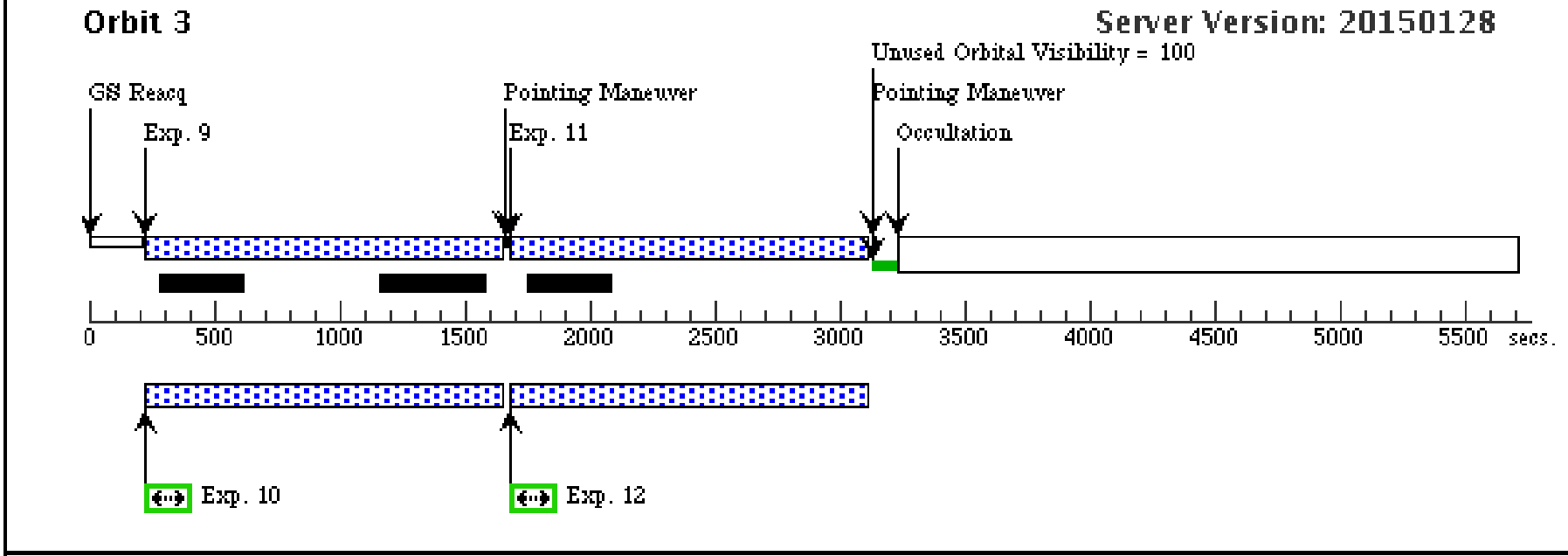
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.567,1.733; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit A1 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit A1	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 1-4 Non-Int in Visit A1 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit A1	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.745,1.529; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit A1 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A1	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit A1 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A1	1152 Secs (1152 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.363,2.036	Sequence 5-8 Non-Int in Visit A1 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A1	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 5-8 Non-Int in Visit A1 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A1	1252 Secs (1252 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.541,1.832	Sequence 5-8 Non-Int in Visit A1 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A1	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit A1 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A1	1252 Secs (1252 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.956,-1.234	Sequence 9-12 Non-Int in Visit A1 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A1	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

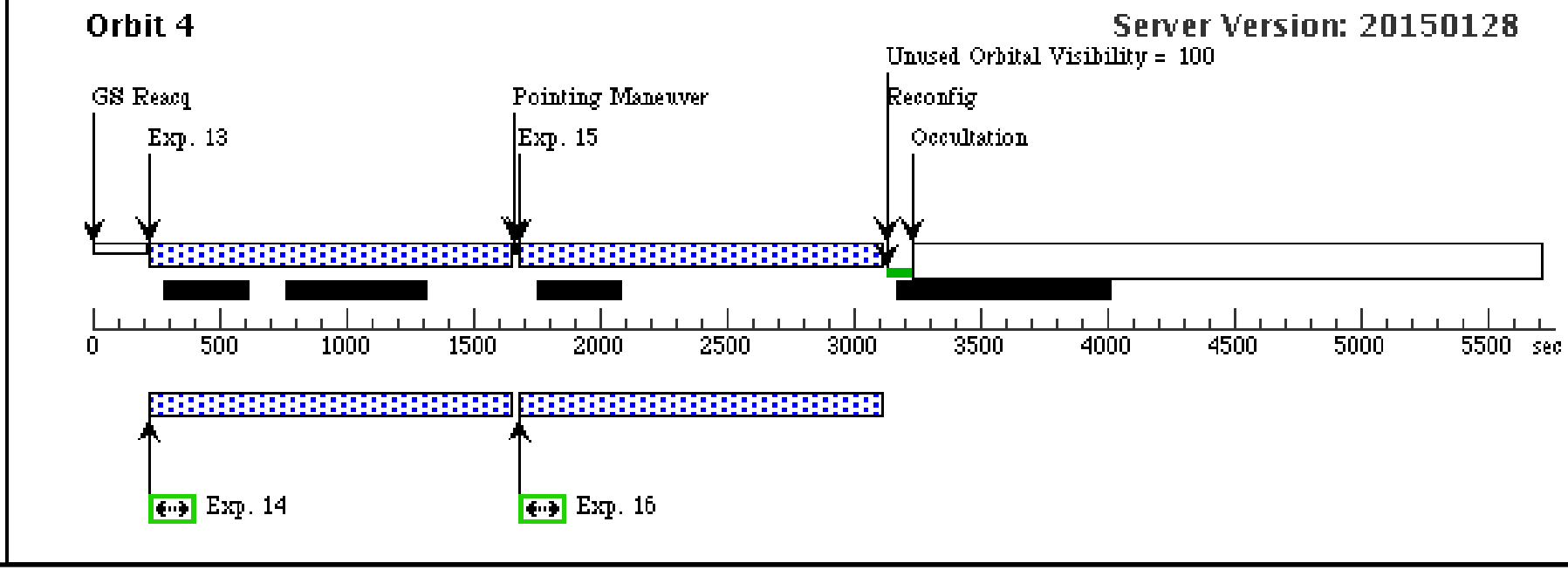
	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 9-12 Non-Int in Visit A1 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A1	1252 Secs (1252 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.778,-1.438	Sequence 9-12 Non-Int in Visit A1 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A1	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit A1 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A1	1252 Secs (1252 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.753,-1.536	Sequence 13-16 Non-Int in Visit A1 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A1	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 13-16 Non-Int in Visit A1 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A1	1252 Secs (1252 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F140W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.575,-1.741	Sequence 13-16 Non-Int in Visit A1 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A1	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit A1 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A1	1252 Secs (1252 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit A2 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit A2, completed Thu Apr 02 01:04:42 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit A2) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

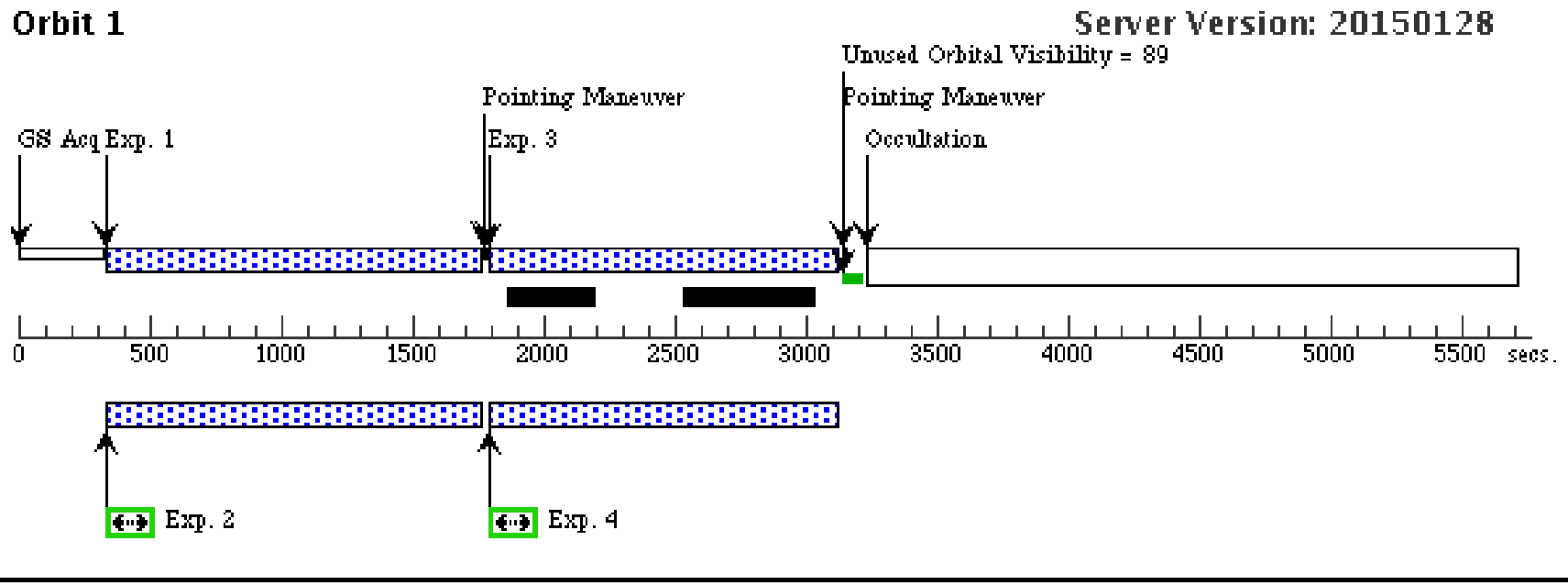
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

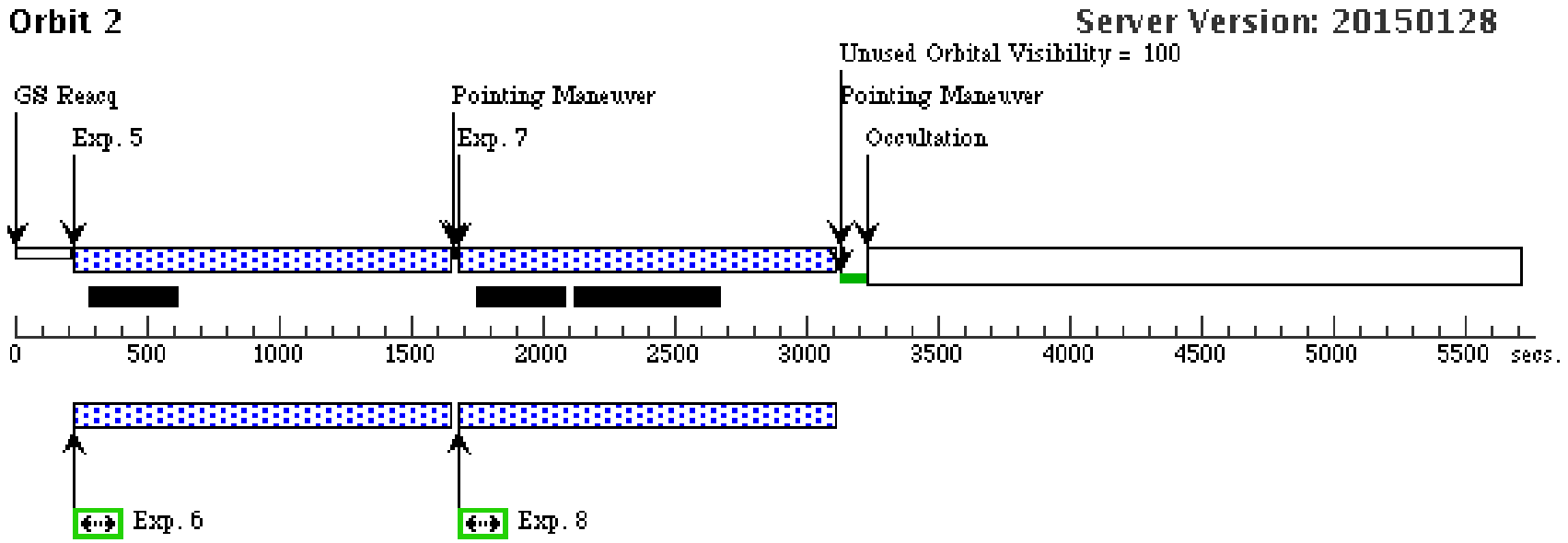
Exposures

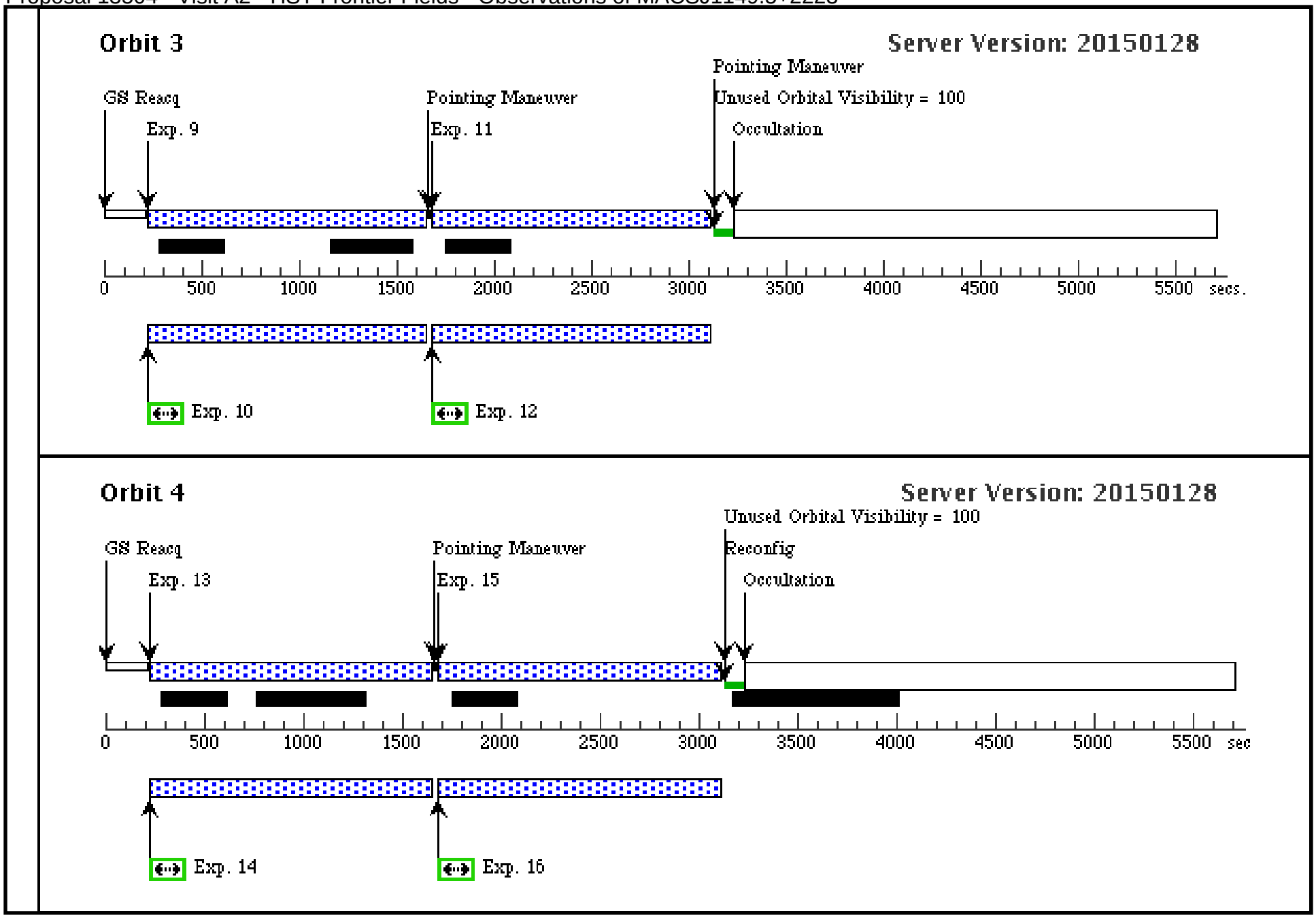
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.516,1.234; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit A2 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit A2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 1-4 Non-Int in Visit A2 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit A2	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.592,1.786; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit A2 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A2	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit A2 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A2	1152 Secs (1152 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.313,1.536	Sequence 5-8 Non-Int in Visit A2 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 5-8 Non-Int in Visit A2 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A2	1252 Secs (1252 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.795,1.483	Sequence 5-8 Non-Int in Visit A2 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit A2 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A2	1252 Secs (1252 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -2.007,-1.733	Sequence 9-12 Non-Int in Visit A2 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 9-12 Non-Int in Visit A2 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A2	1252 Secs (1252 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.728,-1.483	Sequence 9-12 Non-Int in Visit A2 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit A2 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A2	1252 Secs (1252 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.804,-2.036	Sequence 13-16 Non-Int in Visit A2 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 13-16 Non-Int in Visit A2 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A2	1252 Secs (1252 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.524,-1.786	Sequence 13-16 Non-Int in Visit A2 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit A2 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A2	1252 Secs (1252 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Unused Orbital Visibility = 100
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12
Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit A3 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit A3, completed Thu Apr 02 01:04:42 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit A3) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

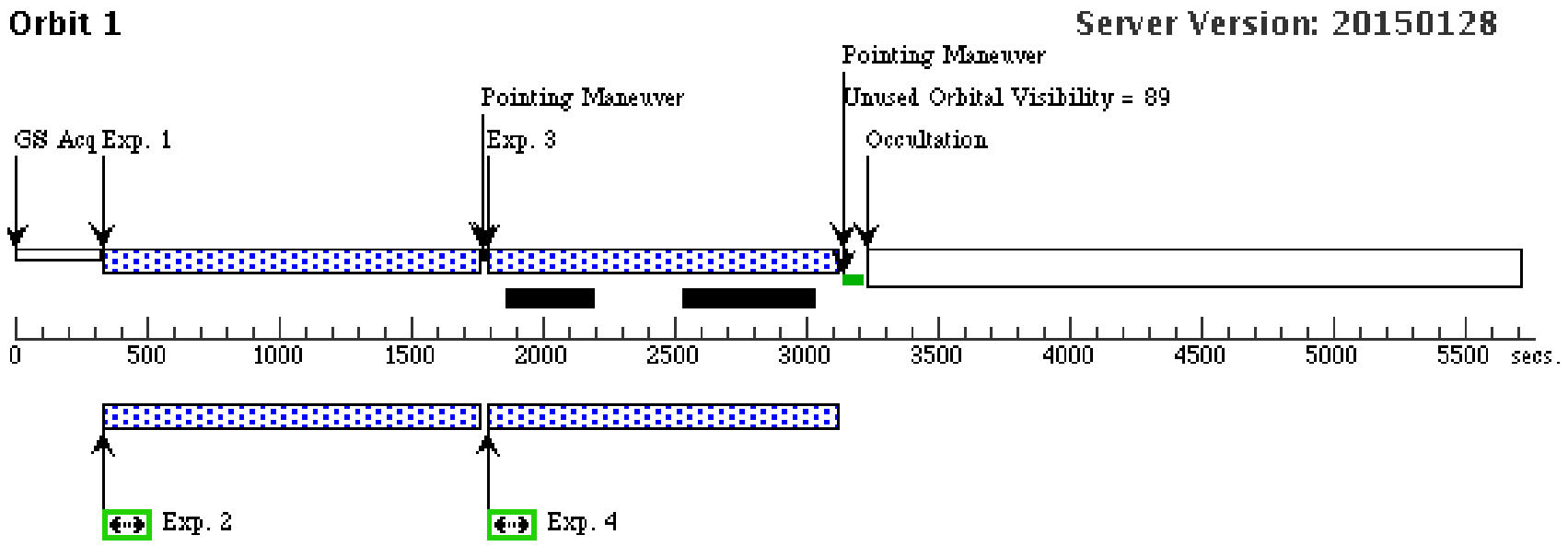
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

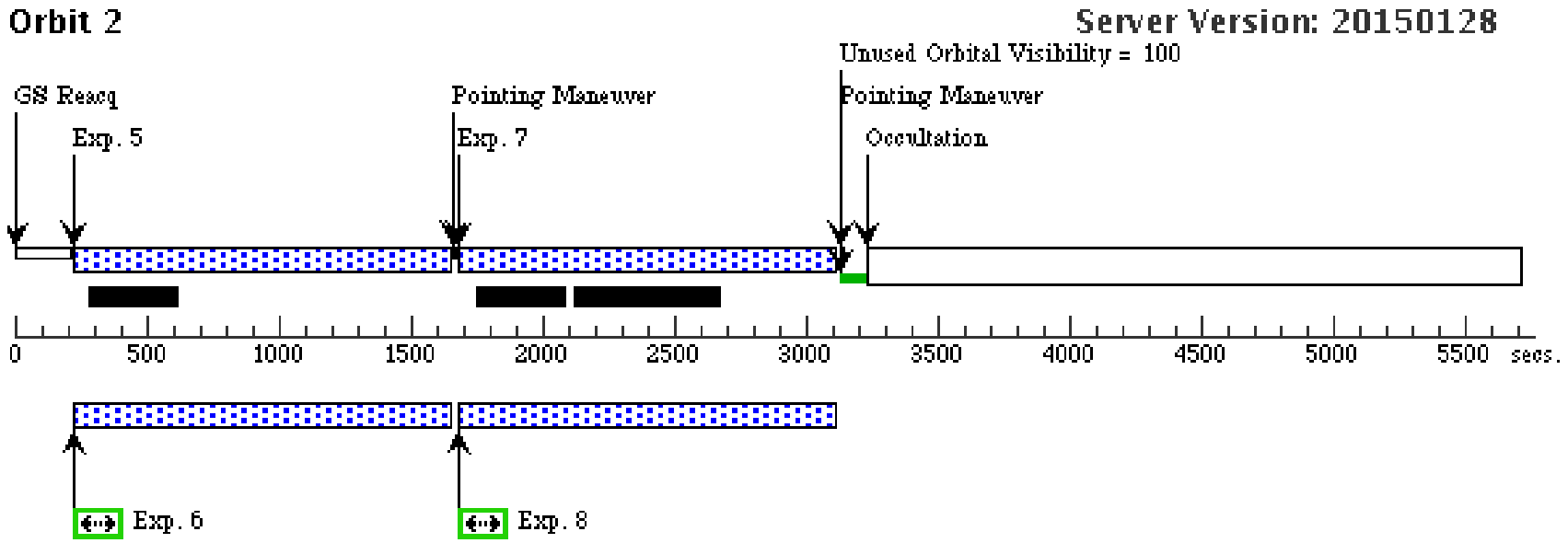
Exposures

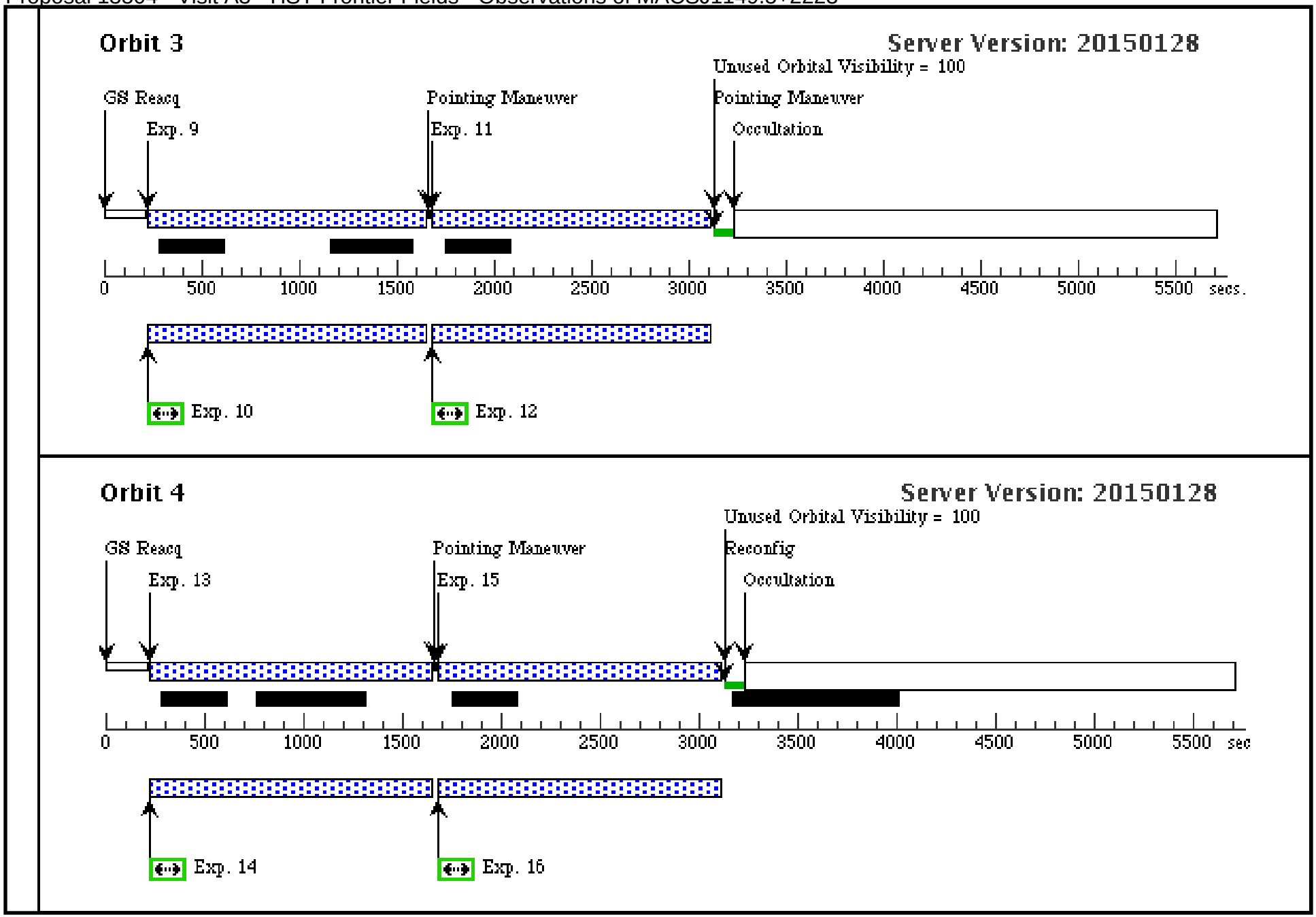
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
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2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 1-4 Non-Int in Visit A3 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit A3	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.795,1.635; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit A3 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A3	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit A3 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit A3	1152 Secs (1152 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.719,1.869	Sequence 5-8 Non-Int in Visit A3 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 5-8 Non-Int in Visit A3 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit A3	1252 Secs (1252 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.999,1.332	Sequence 5-8 Non-Int in Visit A3 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit A3 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit A3	1252 Secs (1252 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.601,-1.400	Sequence 9-12 Non-Int in Visit A3 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 9-12 Non-Int in Visit A3 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit A3	1252 Secs (1252 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.524,-1.635	Sequence 9-12 Non-Int in Visit A3 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit A3 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit A3	1252 Secs (1252 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.397,-1.703	Sequence 13-16 Non-Int in Visit A3 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F606W			Sequence 13-16 Non-Int in Visit A3 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit A3	1252 Secs (1252 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.321,-1.938	Sequence 13-16 Non-Int in Visit A3 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit A3 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit A3	1252 Secs (1252 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12
Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit B1 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit B1, completed Thu Apr 02 01:04:42 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit B1) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

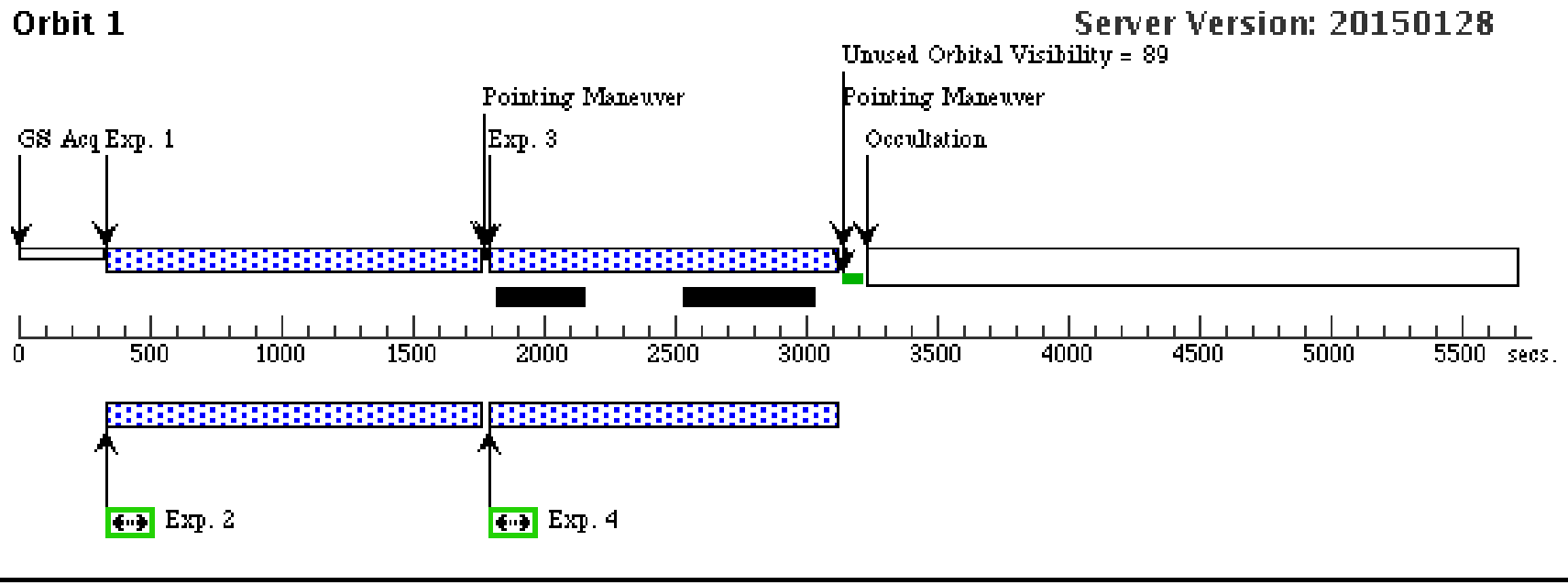
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

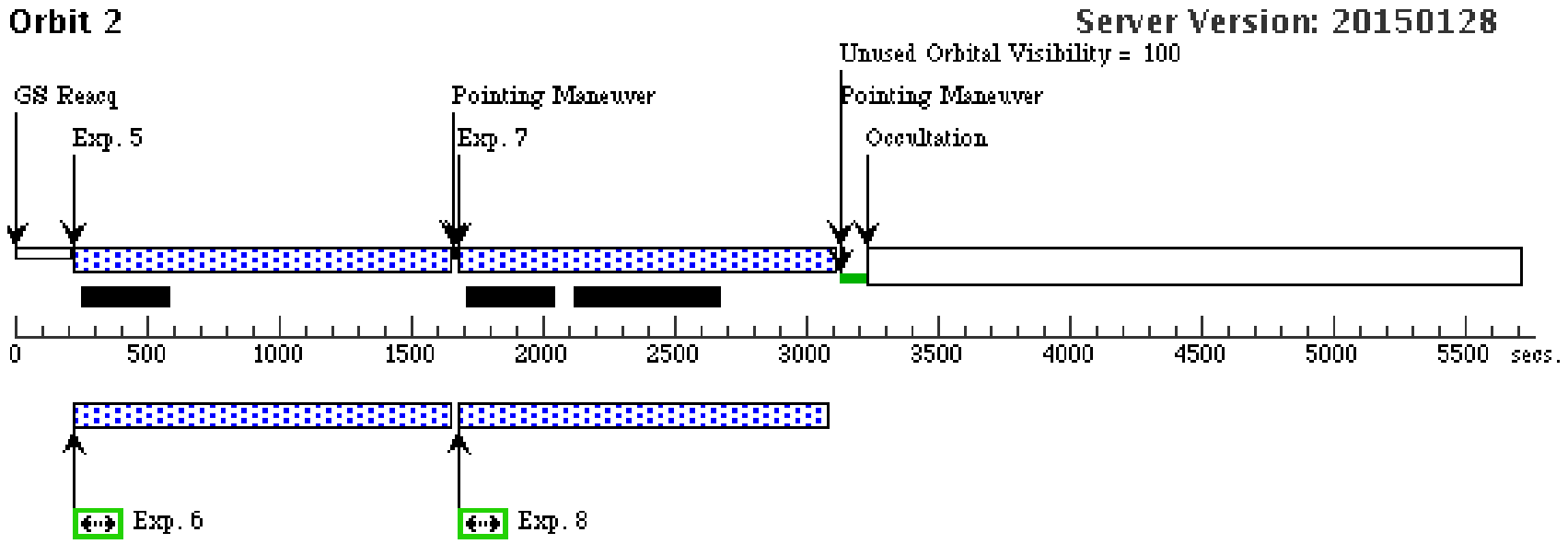
Exposures

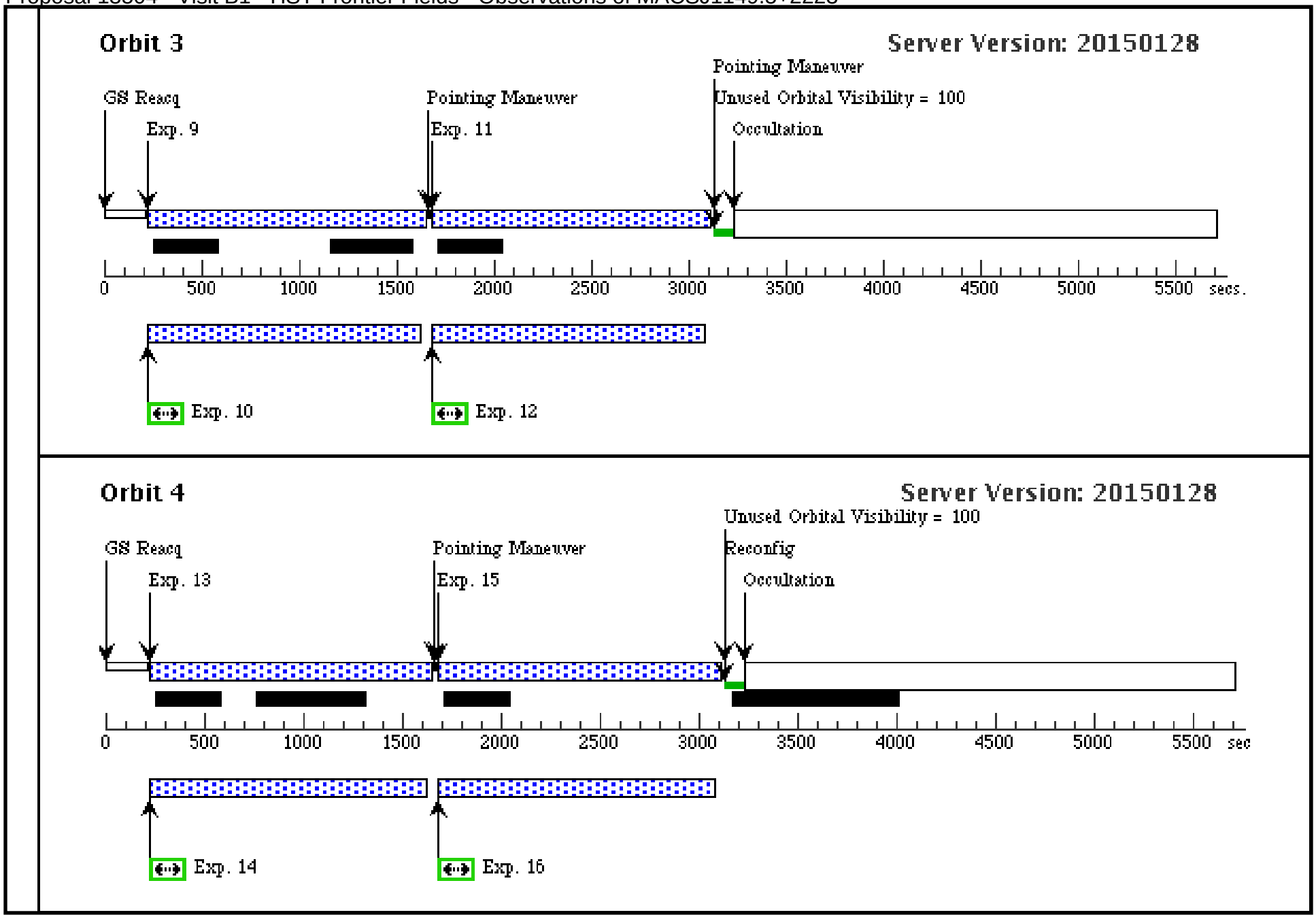
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.922,1.718; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B1 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B1	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 1-4 Non-Int in Visit B1 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B1	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.592,1.665; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B1 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B1	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit B1 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B1	1185 Secs (1185 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 2.126,1.415	Sequence 5-8 Non-Int in Visit B1 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B1	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 5-8 Non-Int in Visit B1 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B1	1285 Secs (1285 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.389,1.968	Sequence 5-8 Non-Int in Visit B1 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B1	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit B1 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B1	1252 Secs (1252 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.397,-1.552	Sequence 9-12 Non-Int in Visit B1 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B1	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 9-12 Non-Int in Visit B1 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B1	1252 Secs (1252 Secs) *[==>]*		***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.931,-1.302	Sequence 9-12 Non-Int in Visit B1 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B1	1402.936813 Secs (1402.937 Secs) *[==>]*		***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit B1 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B1	1252 Secs (1252 Secs) *[==>]*		***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.194,-1.854	Sequence 13-16 Non-Int in Visit B1 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B1	1402.936813 Secs (1402.937 Secs) *[==>]*		***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 13-16 Non-Int in Visit B1 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B1	1252 Secs (1252 Secs) *[==>]*		***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.728,-1.605	Sequence 13-16 Non-Int in Visit B1 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B1	1402.936813 Secs (1402.937 Secs) *[==>]*		***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit B1 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B1	1252 Secs (1252 Secs) *[==>]*		***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Unused Orbital Visibility = 100
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12
Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit B2 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit B2, completed Thu Apr 02 01:04:42 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit B2) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

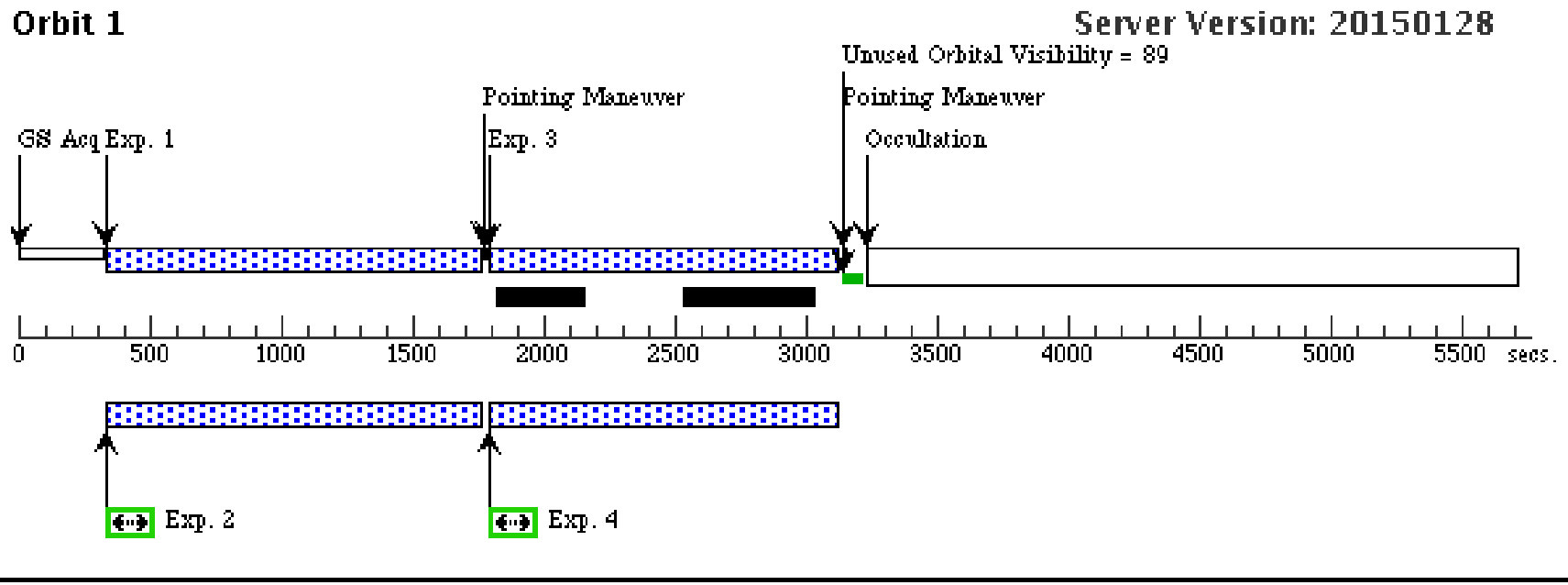
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

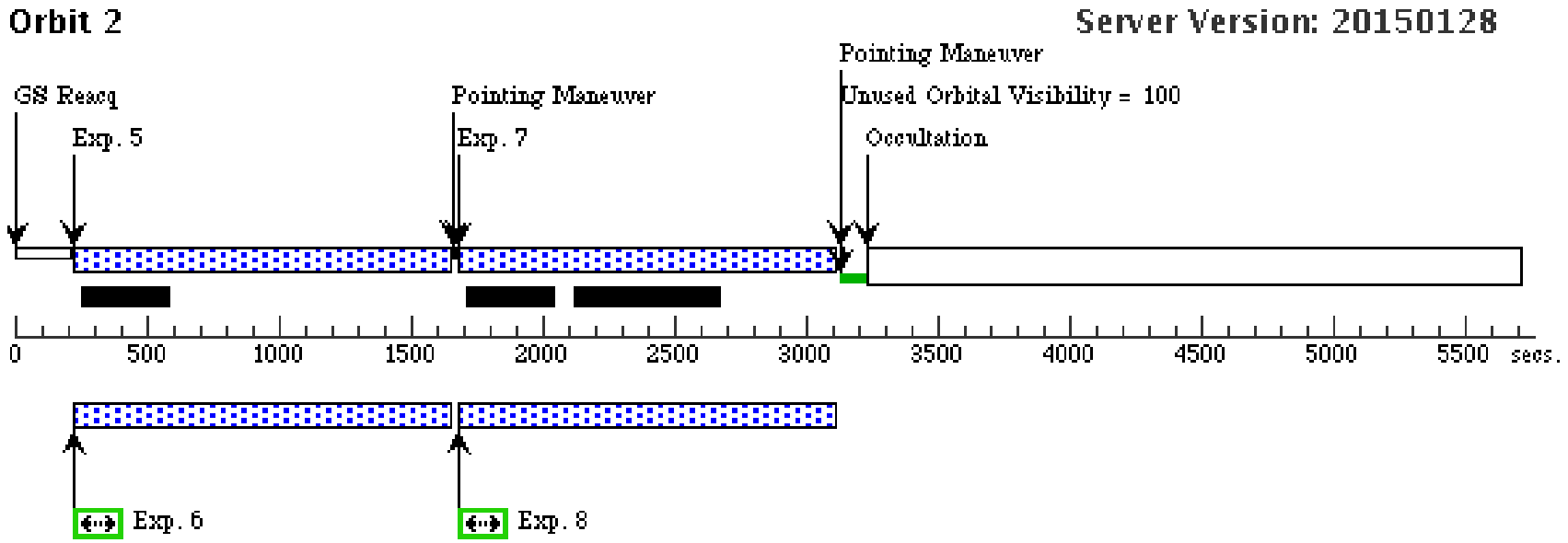
Exposures

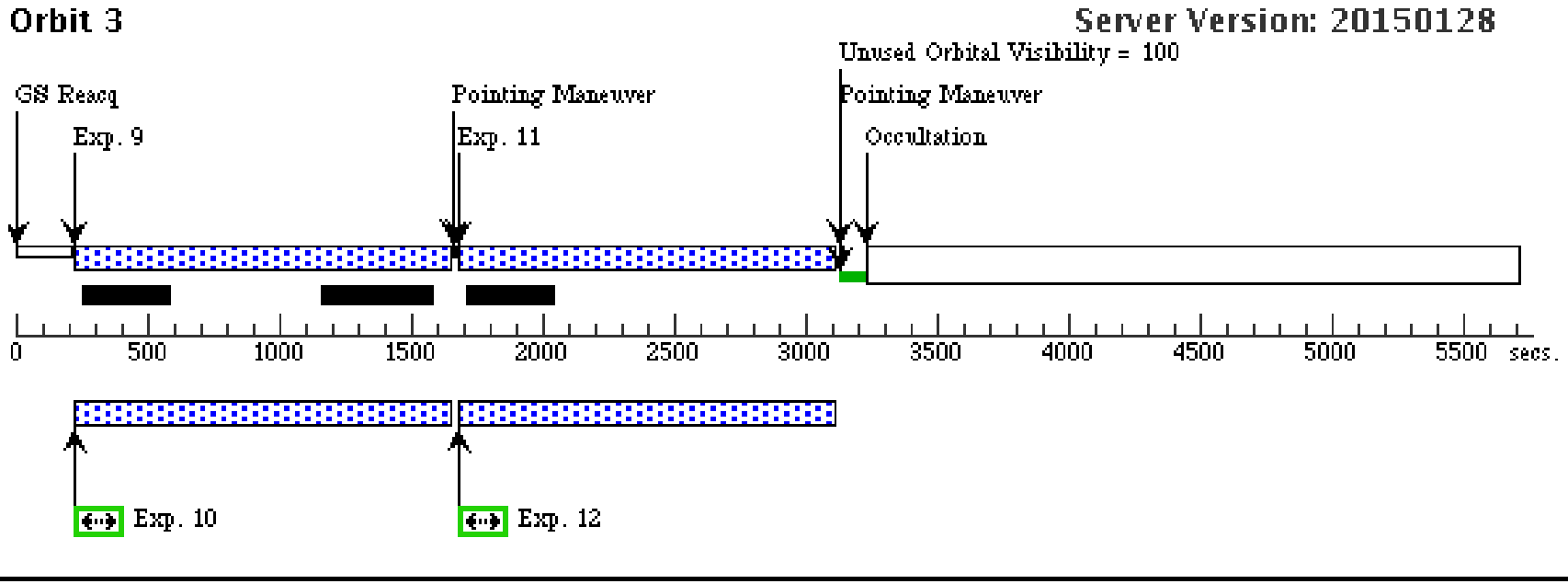
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.719,1.779; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B2 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 1-4 Non-Int in Visit B2 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B2	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.711,1.378; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B2 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B2	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit B2 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B2	1185 Secs (1185 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.516,2.081	Sequence 5-8 Non-Int in Visit B2 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 5-8 Non-Int in Visit B2 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B2	1285 Secs (1285 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.507,1.680	Sequence 5-8 Non-Int in Visit B2 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit B2 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B2	1285 Secs (1285 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.804,-1.188	Sequence 9-12 Non-Int in Visit B2 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

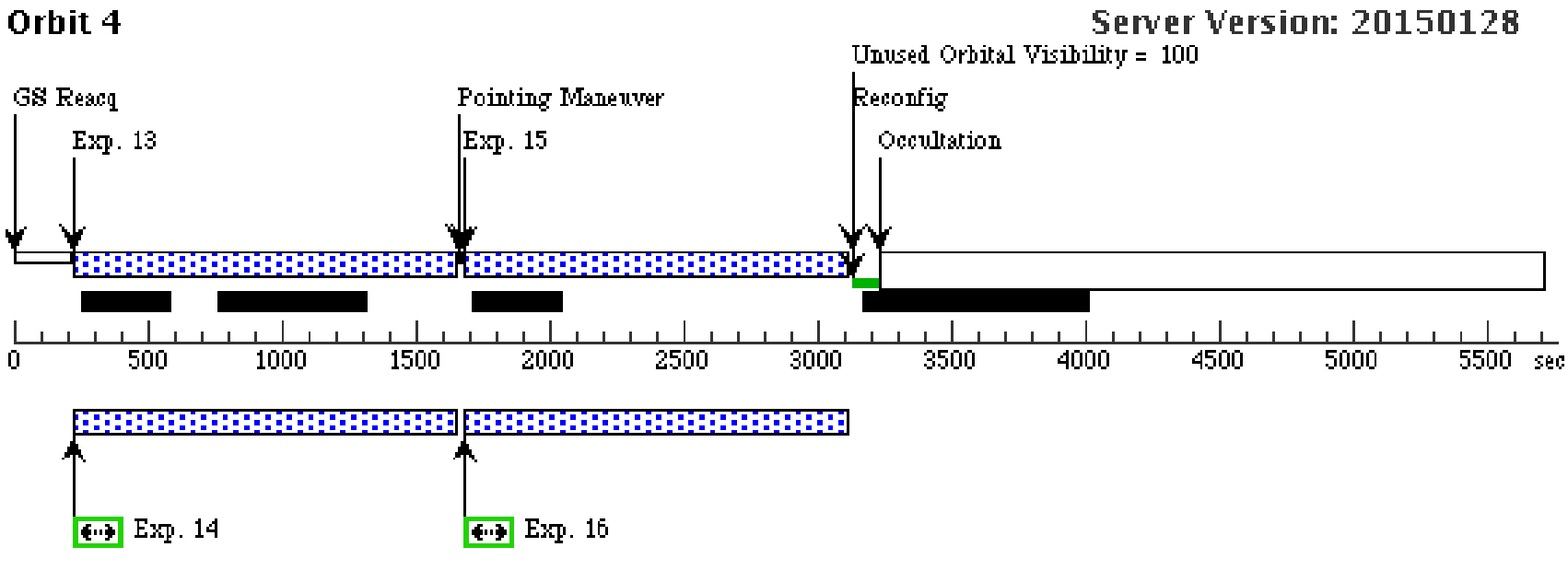
	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 9-12 Non-Int in Visit B2 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B2	1285 Secs (1285 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.812,-1.589	Sequence 9-12 Non-Int in Visit B2 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit B2 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B2	1285 Secs (1285 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.601,-1.491	Sequence 13-16 Non-Int in Visit B2 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 13-16 Non-Int in Visit B2 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B2	1285 Secs (1285 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.609,-1.892	Sequence 13-16 Non-Int in Visit B2 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B2	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit B2 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B2	1285 Secs (1285 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit B3 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit B3, completed Thu Apr 02 01:04:42 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit B3) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

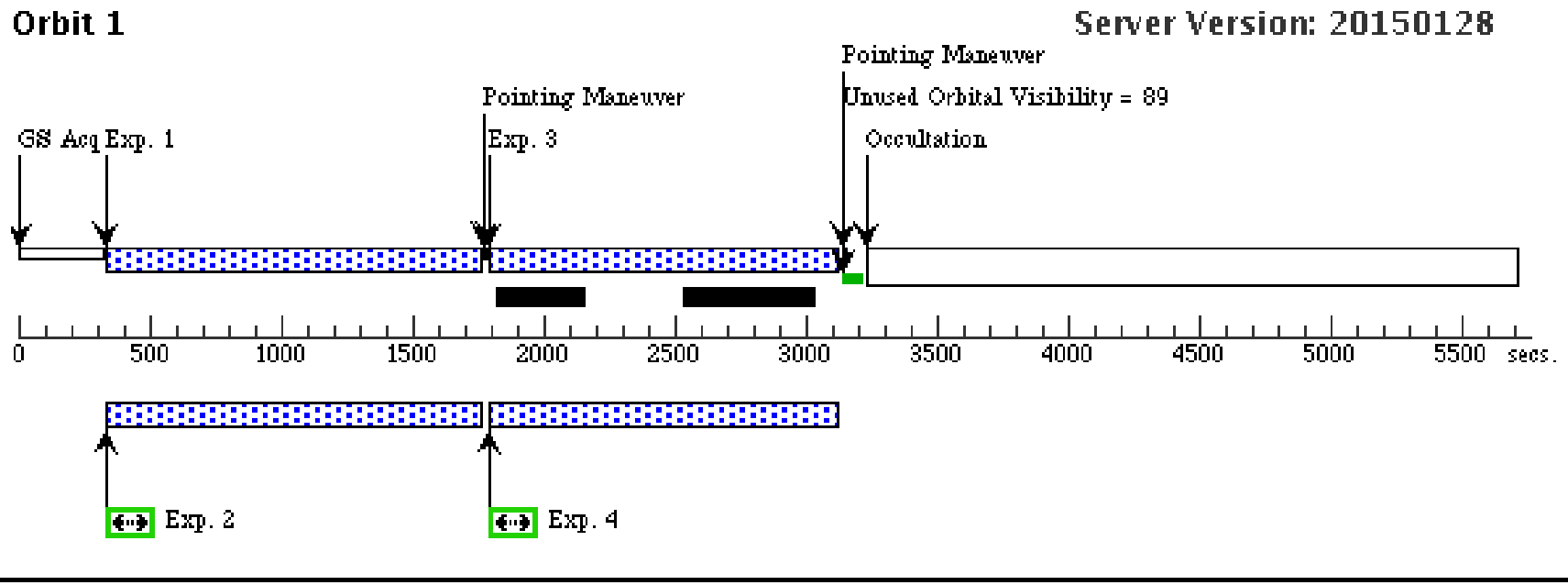
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

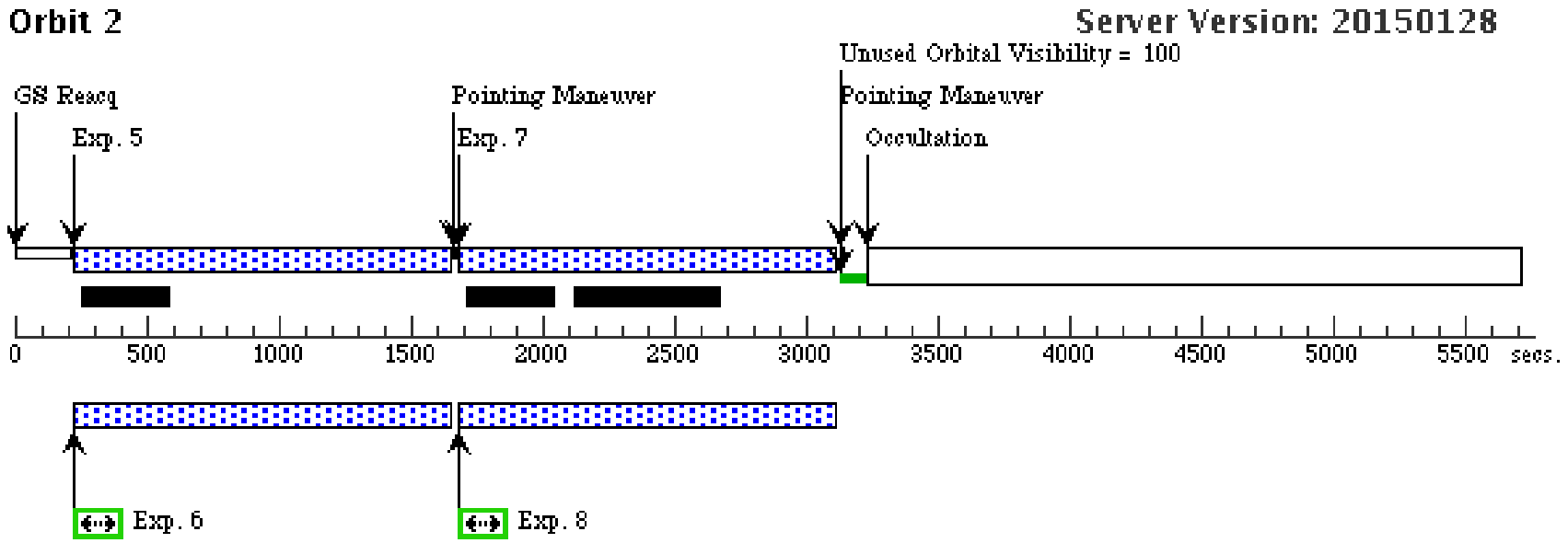
Exposures

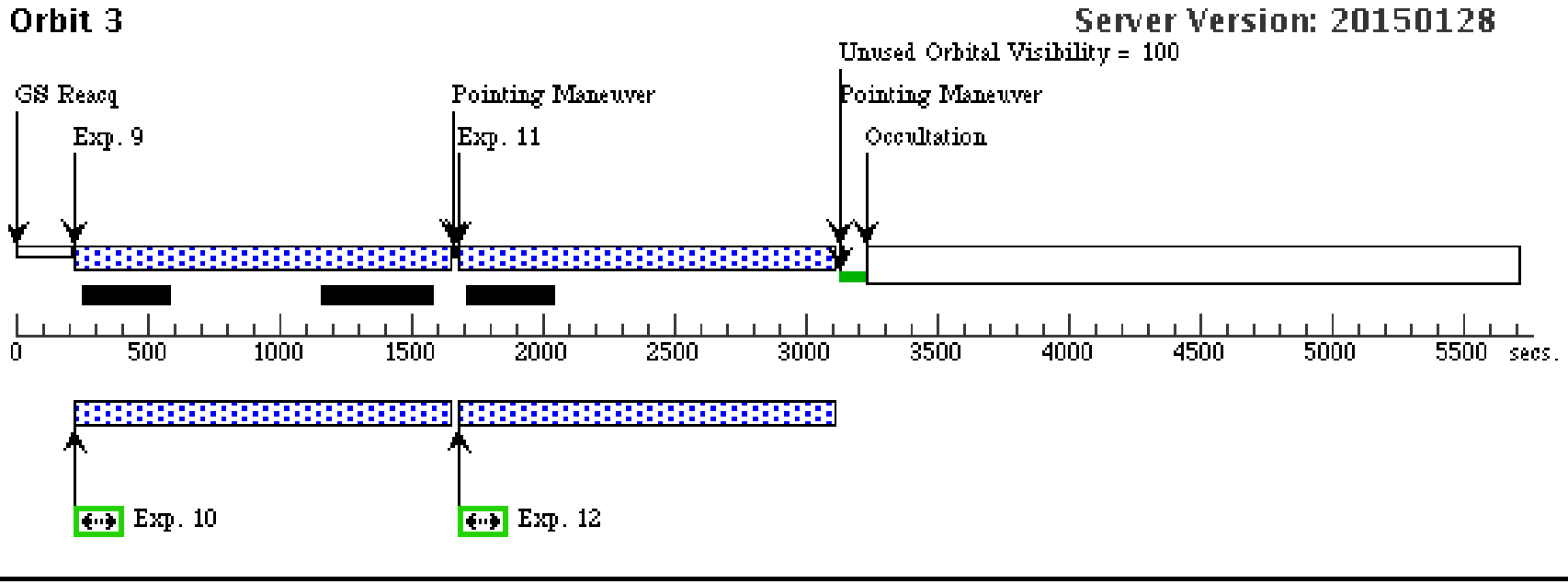
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.812,1.960; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B3 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 1-4 Non-Int in Visit B3 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B3	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.897,2.059; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B3 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B3	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit B3 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B3	1185 Secs (1185 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 2.016,1.658	Sequence 5-8 Non-Int in Visit B3 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 5-8 Non-Int in Visit B3 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B3	1285 Secs (1285 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 2.100,1.756	Sequence 5-8 Non-Int in Visit B3 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit B3 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B3	1285 Secs (1285 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.507,-1.309	Sequence 9-12 Non-Int in Visit B3 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

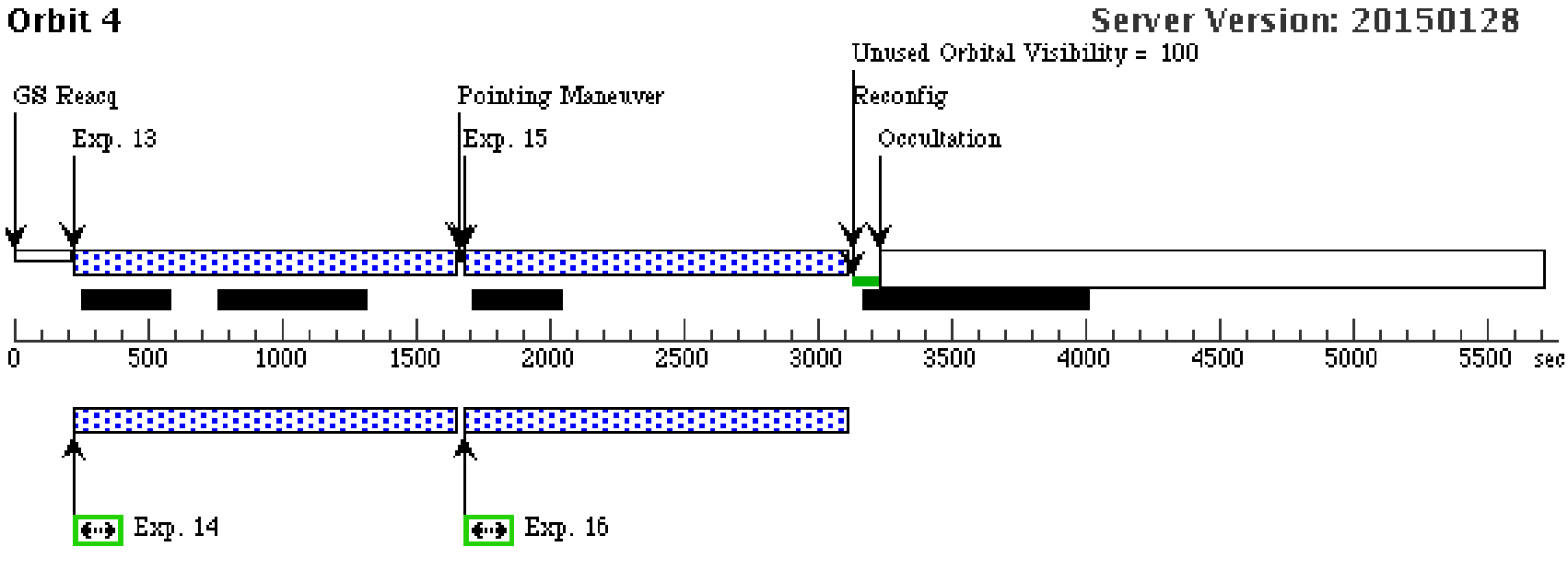
	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 9-12 Non-Int in Visit B3 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B3	1285 Secs (1285 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.423,-1.211	Sequence 9-12 Non-Int in Visit B3 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit B3 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B3	1285 Secs (1285 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.304,-1.612	Sequence 13-16 Non-Int in Visit B3 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 13-16 Non-Int in Visit B3 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B3	1285 Secs (1285 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.220,-1.514	Sequence 13-16 Non-Int in Visit B3 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B3	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit B3 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B3	1285 Secs (1285 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit B4 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit B4, completed Thu Apr 02 01:04:42 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit B4) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

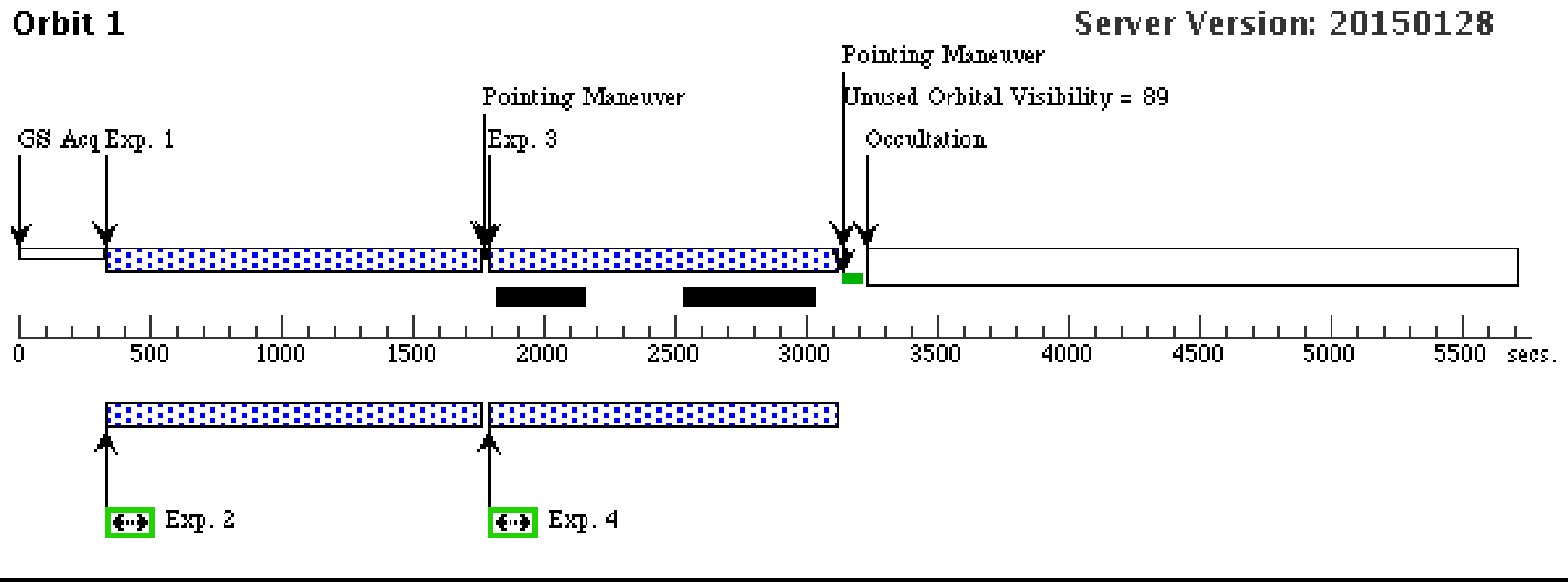
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

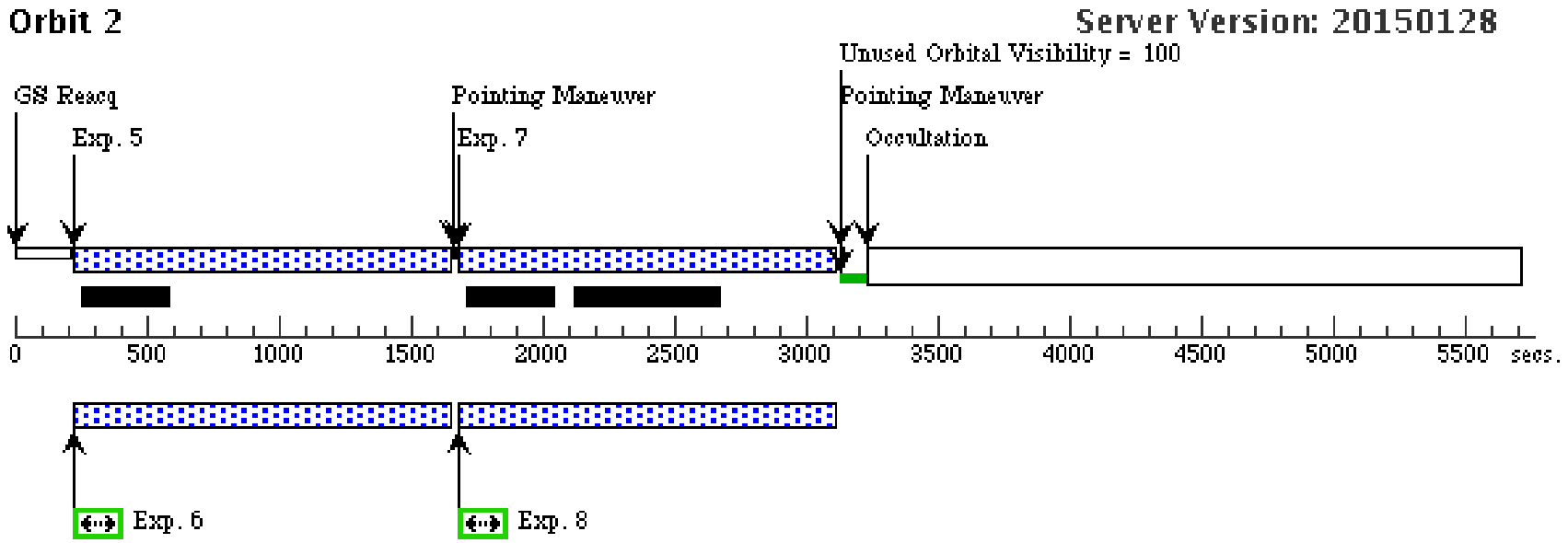
Exposures

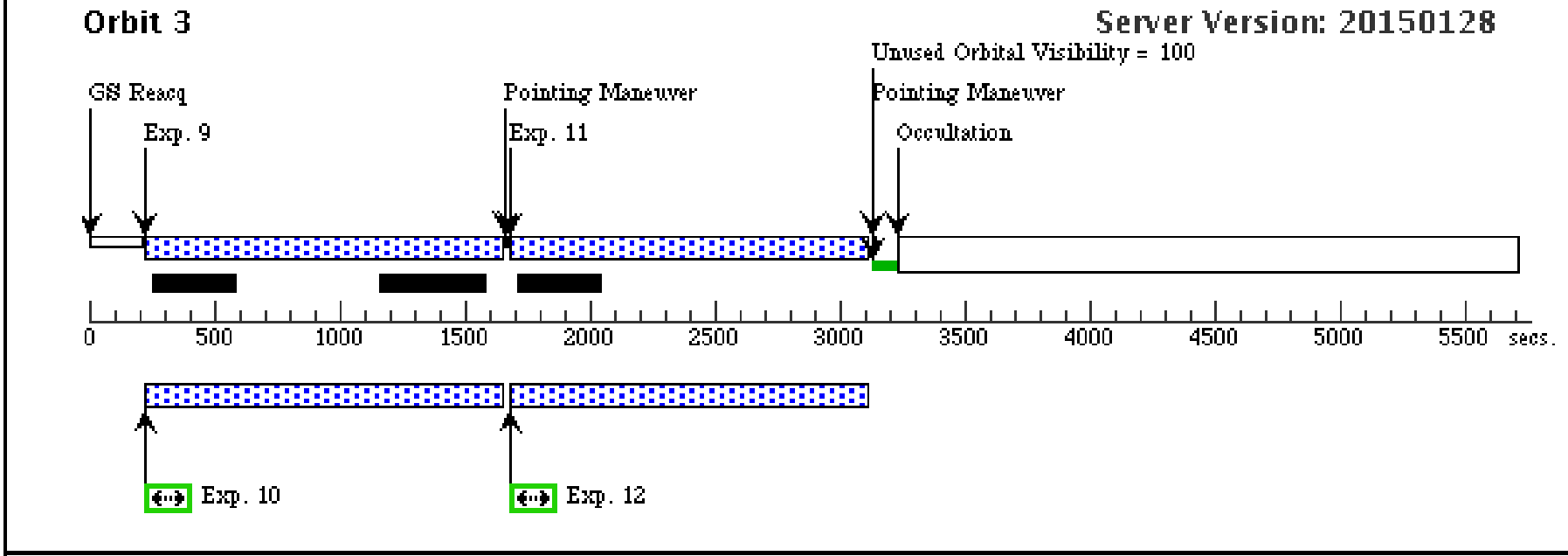
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.821,1.143; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B4 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B4	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 1-4 Non-Int in Visit B4 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B4	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.897,1.211; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B4 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B4	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit B4 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B4	1185 Secs (1185 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.618,1.446	Sequence 5-8 Non-Int in Visit B4 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B4	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 5-8 Non-Int in Visit B4 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B4	1285 Secs (1285 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.694,1.514	Sequence 5-8 Non-Int in Visit B4 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B4	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit B4 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B4	1285 Secs (1285 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.702,-1.824	Sequence 9-12 Non-Int in Visit B4 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B4	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

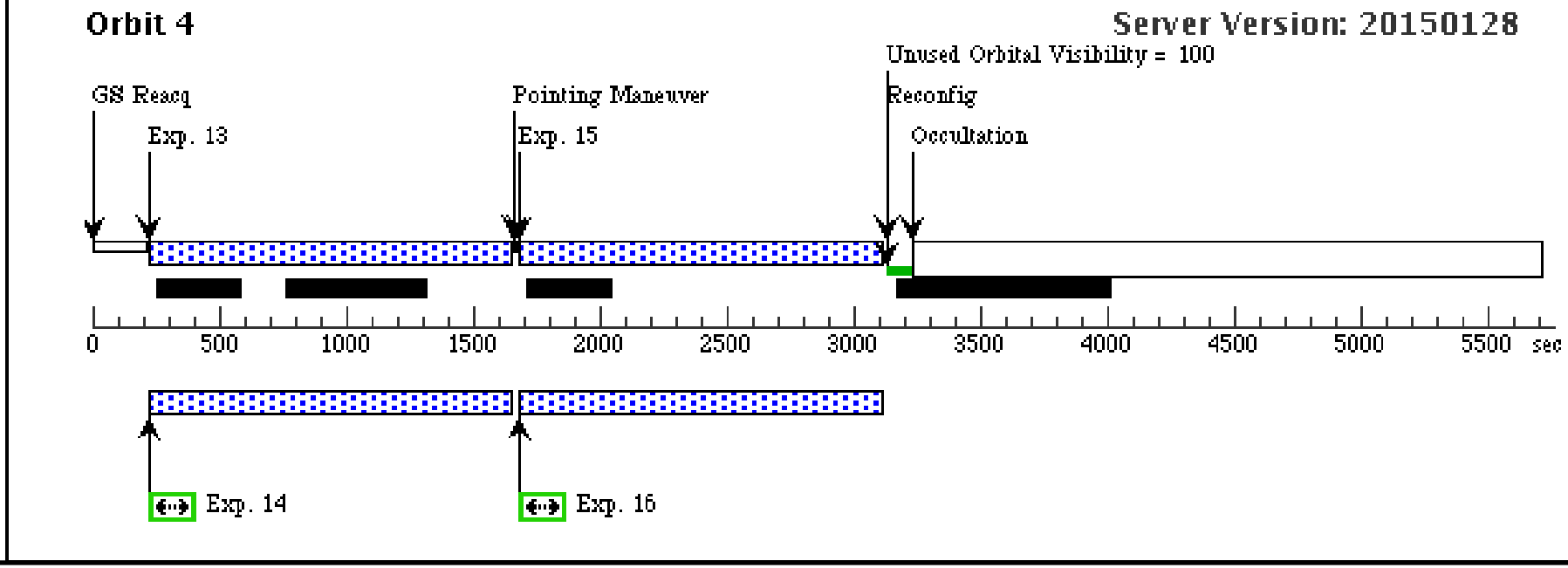
	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 9-12 Non-Int in Visit B4 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B4	1285 Secs (1285 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.626,-1.756	Sequence 9-12 Non-Int in Visit B4 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B4	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit B4 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B4	1285 Secs (1285 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.499,-2.127	Sequence 13-16 Non-Int in Visit B4 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B4	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 13-16 Non-Int in Visit B4 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B4	1285 Secs (1285 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.423,-2.059	Sequence 13-16 Non-Int in Visit B4 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B4	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit B4 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B4	1285 Secs (1285 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit B5 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit B5, completed Thu Apr 02 01:04:42 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit B5) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

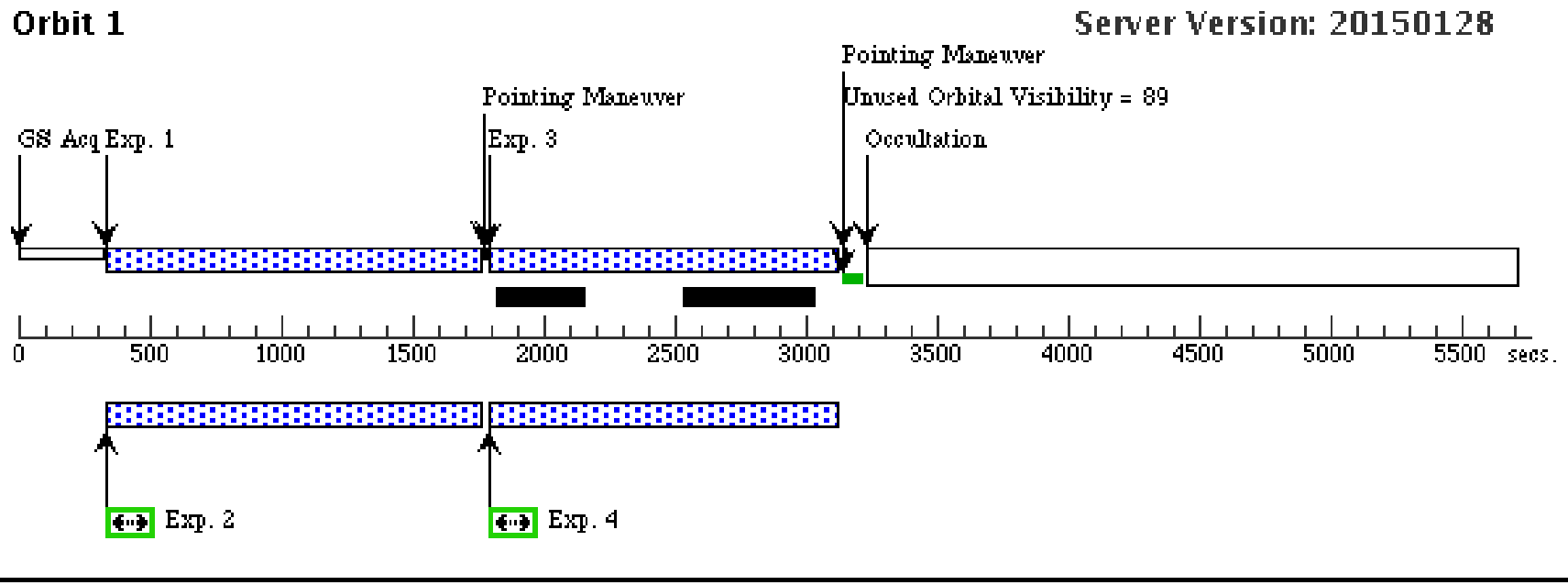
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

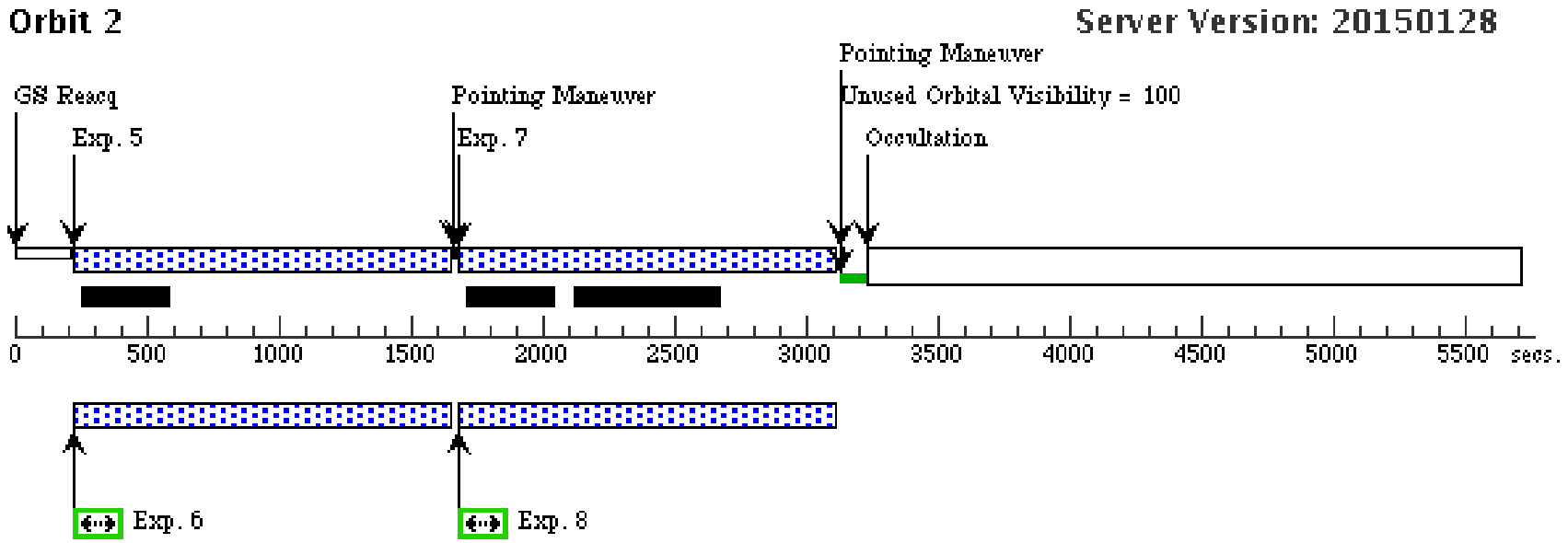
Exposures

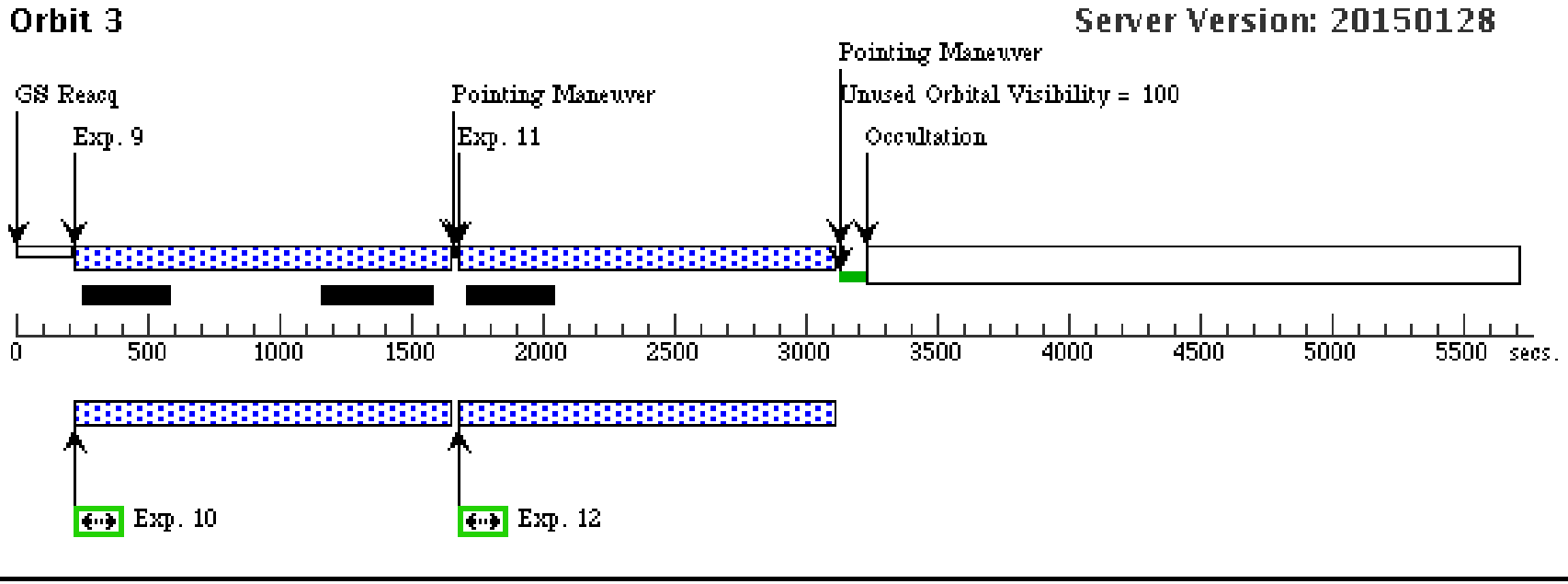
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.211,1.809; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B5 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B5	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 1-4 Non-Int in Visit B5 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B5	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.491,1.574; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B5 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B5	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit B5 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B5	1185 Secs (1185 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.414,1.506	Sequence 5-8 Non-Int in Visit B5 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B5	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 5-8 Non-Int in Visit B5 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B5	1285 Secs (1285 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.287,1.877	Sequence 5-8 Non-Int in Visit B5 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B5	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit B5 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B5	1285 Secs (1285 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -2.109,-1.461	Sequence 9-12 Non-Int in Visit B5 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B5	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

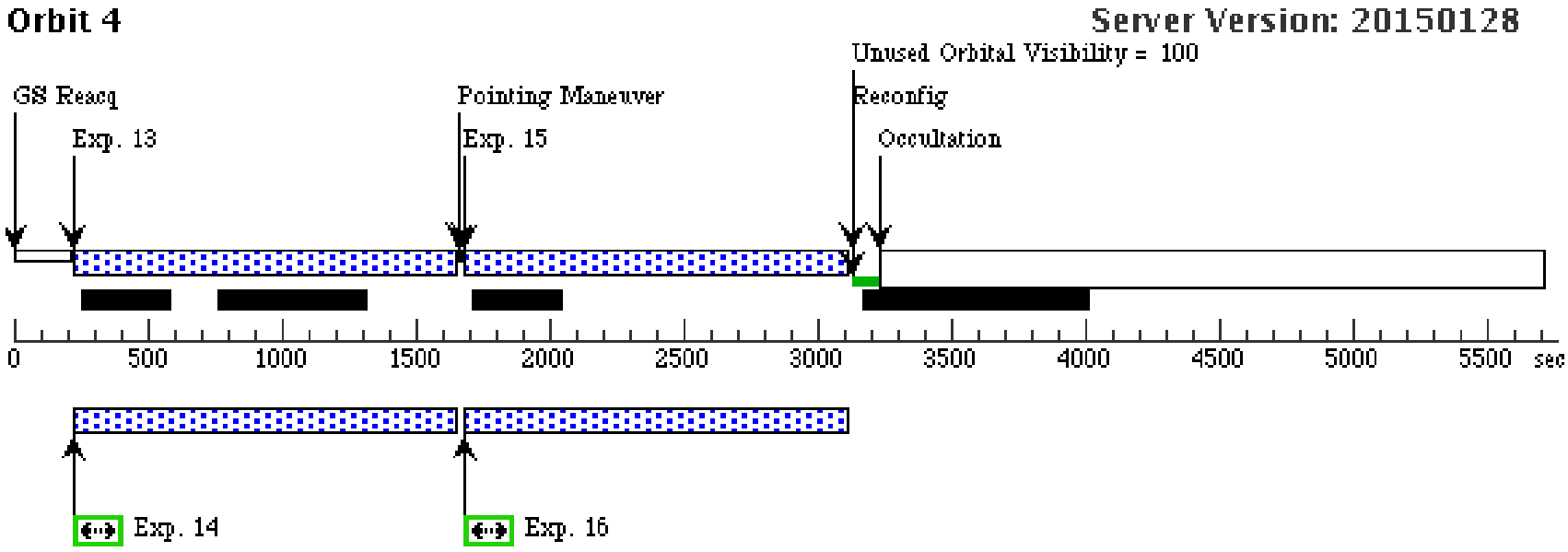
	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 9-12 Non-Int in Visit B5 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B5	1285 Secs (1285 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -2.033,-1.393	Sequence 9-12 Non-Int in Visit B5 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B5	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit B5 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B5	1285 Secs (1285 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.905,-1.764	Sequence 13-16 Non-Int in Visit B5 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B5	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 13-16 Non-Int in Visit B5 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B5	1285 Secs (1285 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.829,-1.695	Sequence 13-16 Non-Int in Visit B5 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B5	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit B5 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B5	1285 Secs (1285 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Unused Orbital Visibility = 100
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit B6 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit B6, completed Thu Apr 02 01:04:43 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit B6) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

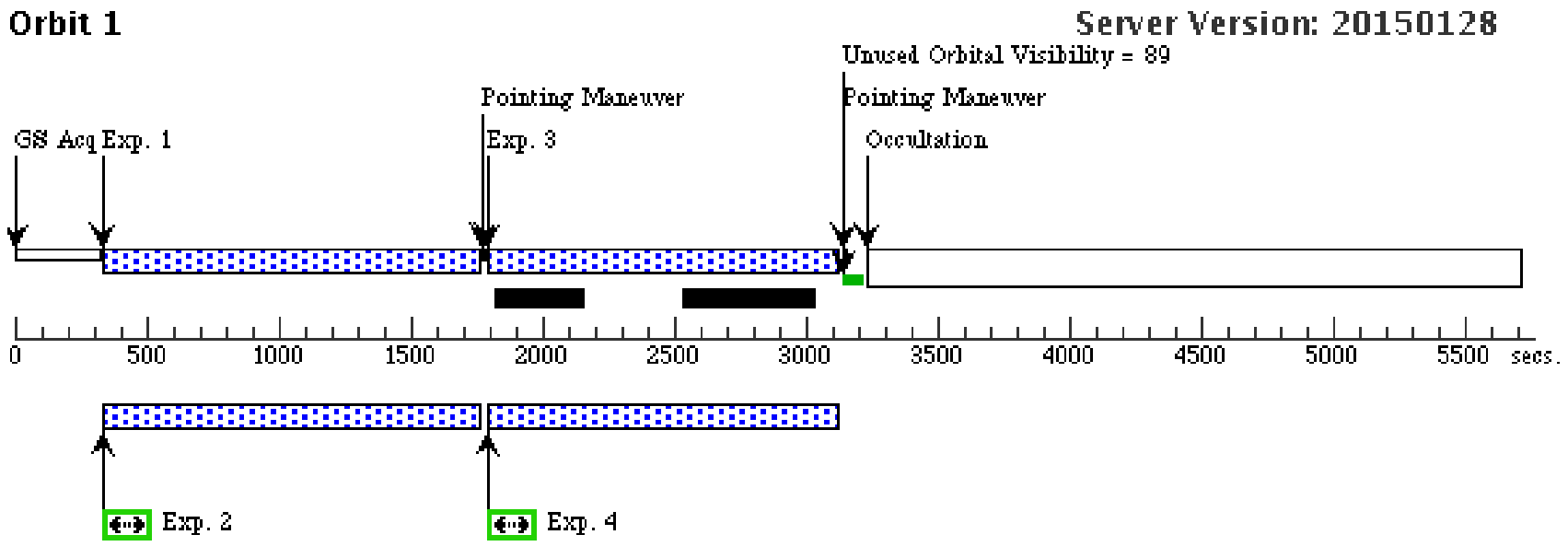
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

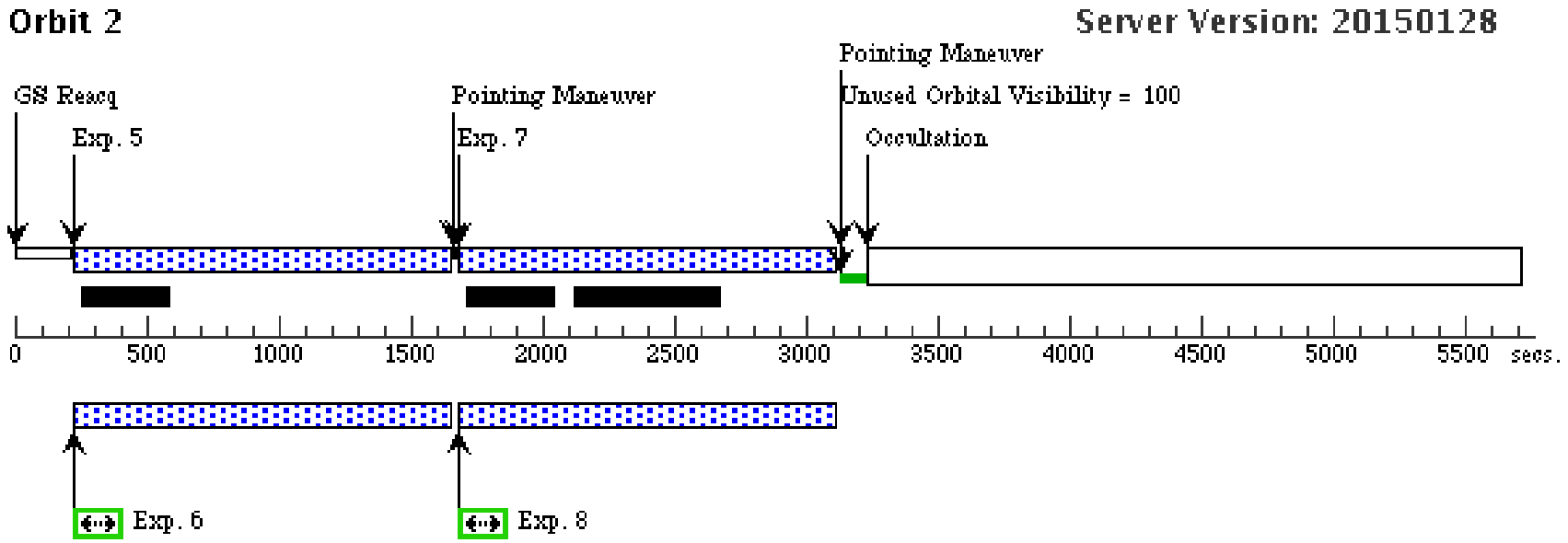
Exposures

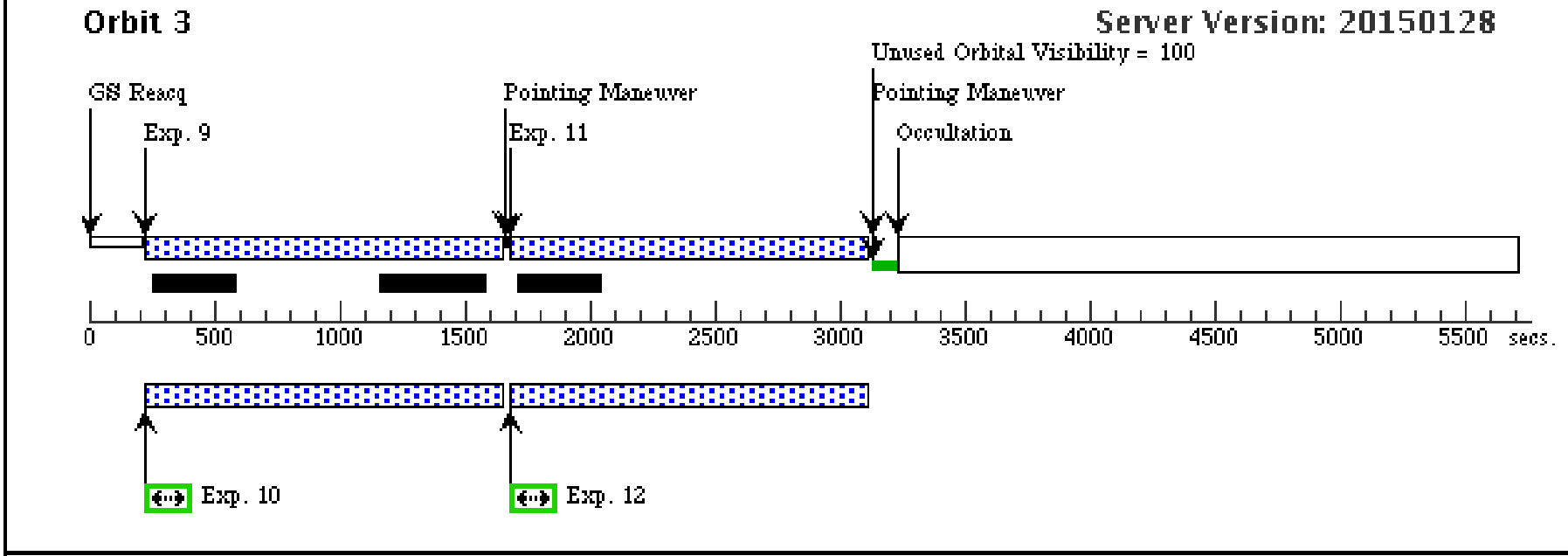
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.224,1.616; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B6 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B6	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 1-4 Non-Int in Visit B6 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B6	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.338,1.650; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B6 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B6	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit B6 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B6	1185 Secs (1185 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.427,1.313	Sequence 5-8 Non-Int in Visit B6 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B6	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 5-8 Non-Int in Visit B6 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B6	1285 Secs (1285 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.541,1.347	Sequence 5-8 Non-Int in Visit B6 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B6	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit B6 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B6	1285 Secs (1285 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -2.096,-1.654	Sequence 9-12 Non-Int in Visit B6 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B6	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

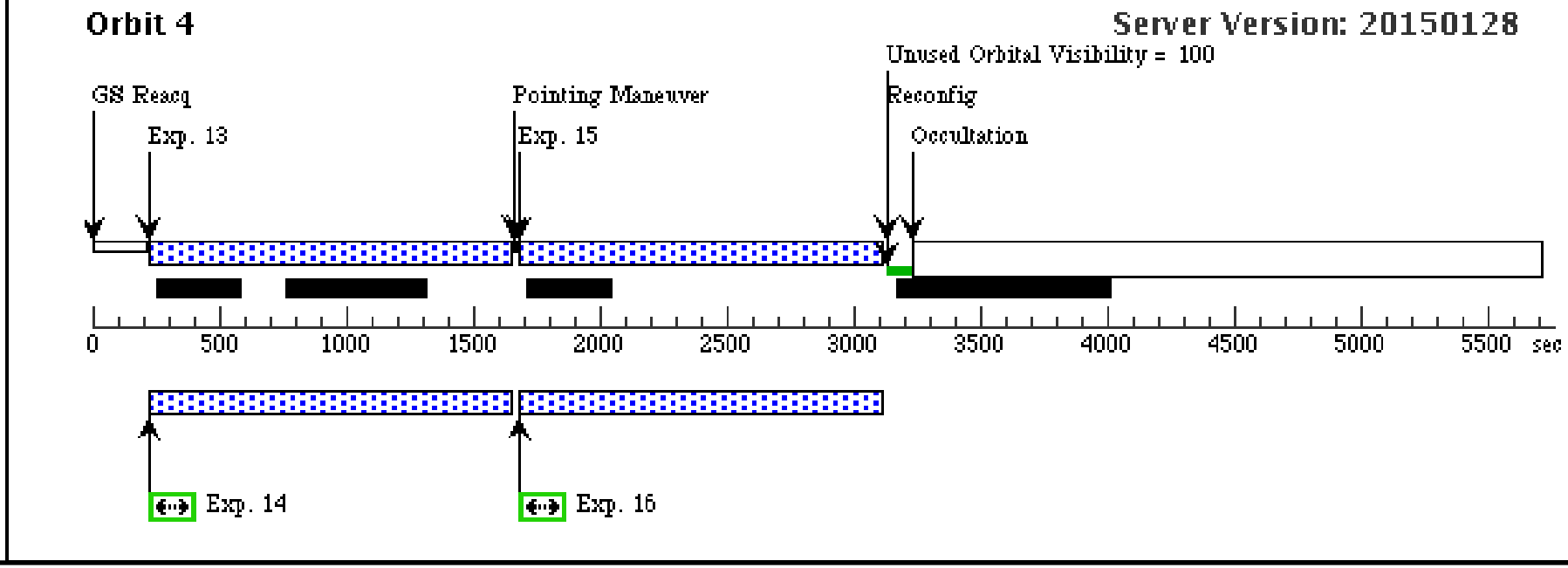
	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 9-12 Non-Int in Visit B6 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B6	1285 Secs (1285 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.982,-1.620	Sequence 9-12 Non-Int in Visit B6 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B6	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit B6 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B6	1285 Secs (1285 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.893,-1.957	Sequence 13-16 Non-Int in Visit B6 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B6	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 13-16 Non-Int in Visit B6 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B6	1285 Secs (1285 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.778,-1.922	Sequence 13-16 Non-Int in Visit B6 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B6	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit B6 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B6	1285 Secs (1285 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit B7 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit B7, completed Thu Apr 02 01:04:43 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit B7) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

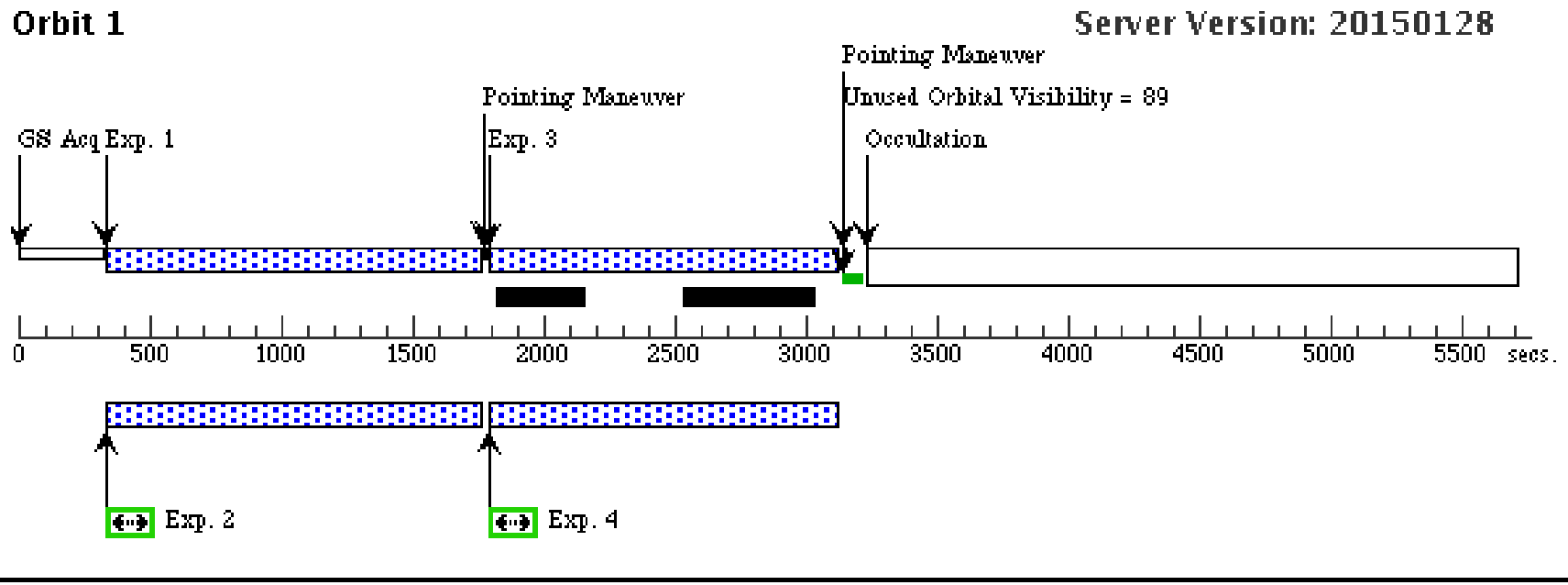
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

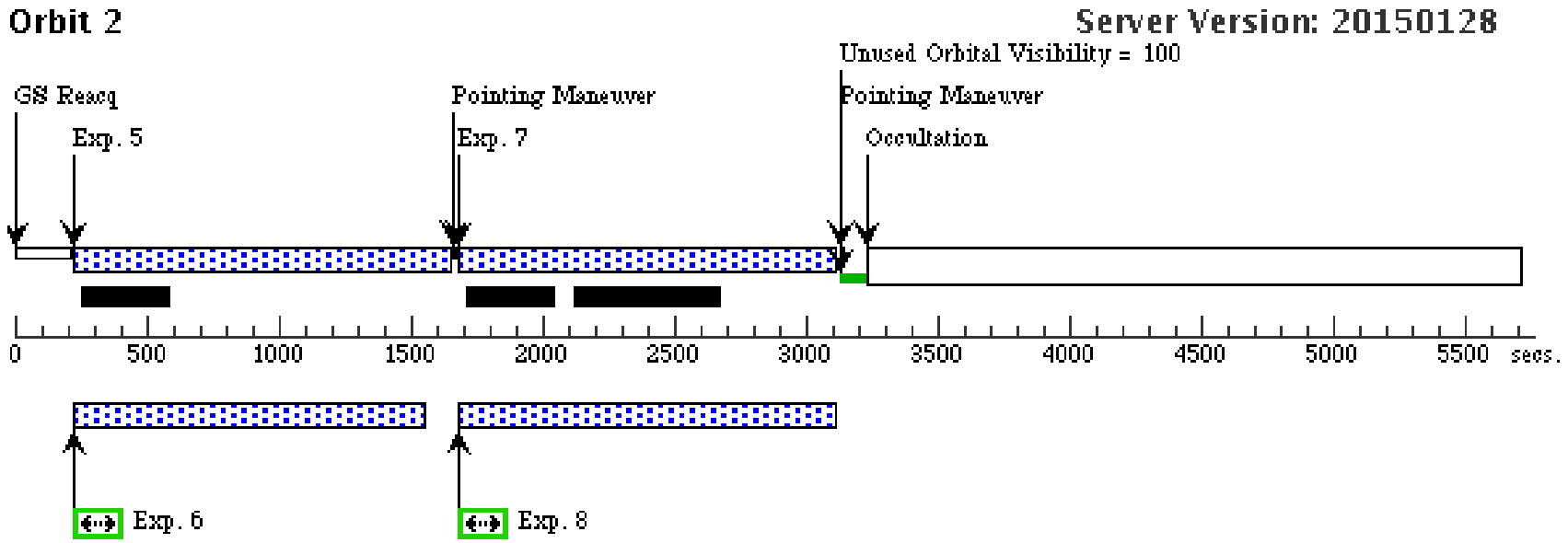
Exposures

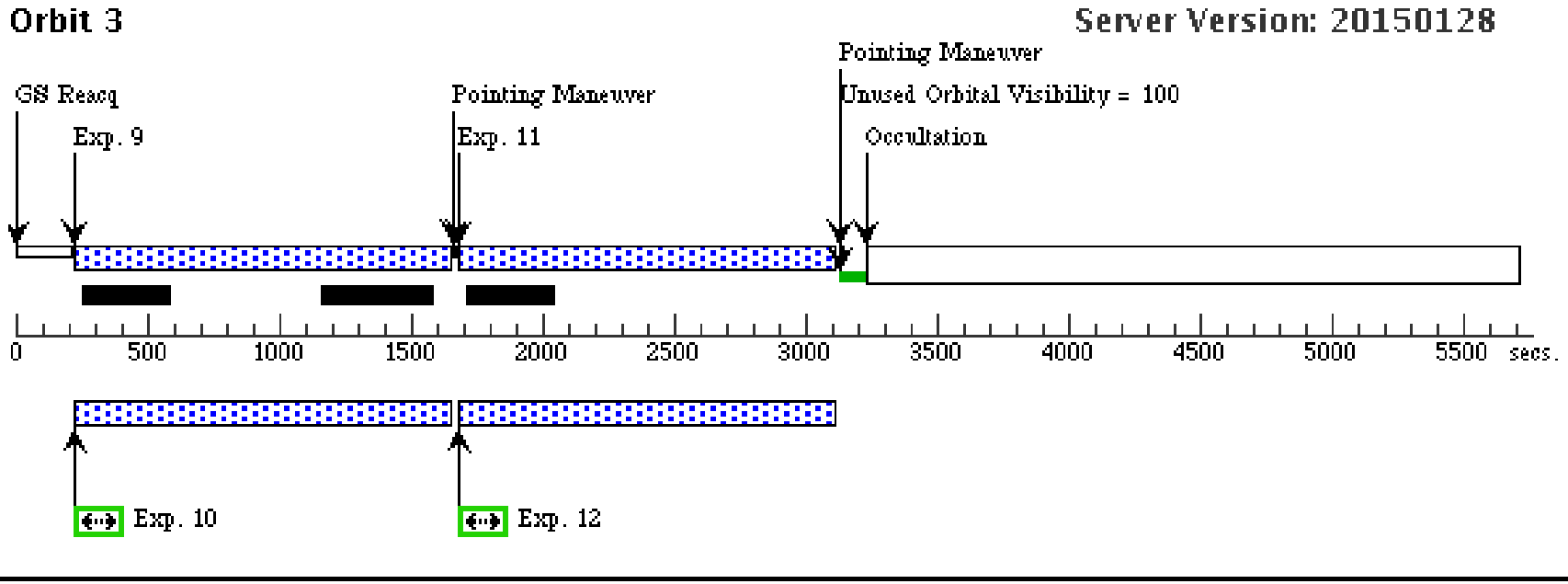
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.833,1.676; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B7 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B7	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 1-4 Non-Int in Visit B7 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B7	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.948,1.680; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B7 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B7	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit B7 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B7	1185 Secs (1185 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.630,1.979	Sequence 5-8 Non-Int in Visit B7 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B7	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 5-8 Non-Int in Visit B7 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B7	1185 Secs (1185 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.745,1.983	Sequence 5-8 Non-Int in Visit B7 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B7	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit B7 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B7	1285 Secs (1285 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.690,-1.290	Sequence 9-12 Non-Int in Visit B7 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B7	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

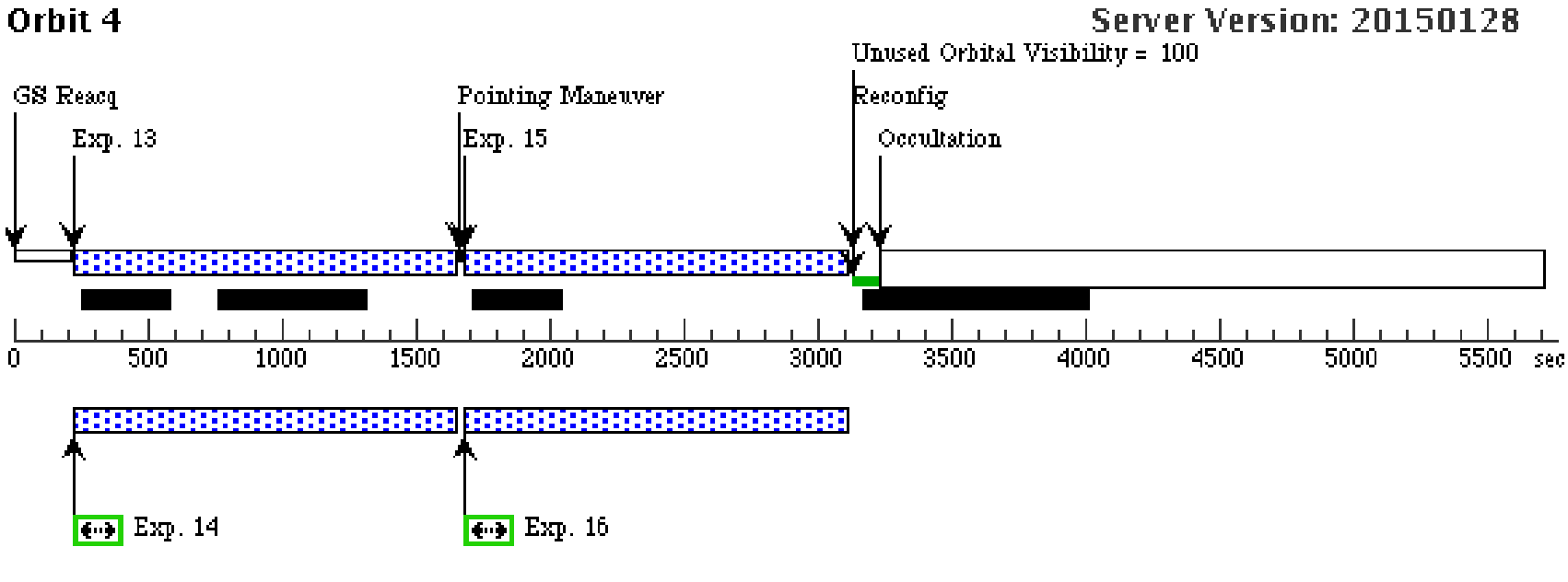
	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 9-12 Non-Int in Visit B7 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B7	1285 Secs (1285 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.575,-1.287	Sequence 9-12 Non-Int in Visit B7 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B7	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit B7 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B7	1285 Secs (1285 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.486,-1.593	Sequence 13-16 Non-Int in Visit B7 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B7	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 13-16 Non-Int in Visit B7 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B7	1285 Secs (1285 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.372,-1.589	Sequence 13-16 Non-Int in Visit B7 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B7	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit B7 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B7	1285 Secs (1285 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Unused Orbital Visibility = 100
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Reconfig
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit B8 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit B8, completed Thu Apr 02 01:04:43 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit B8) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

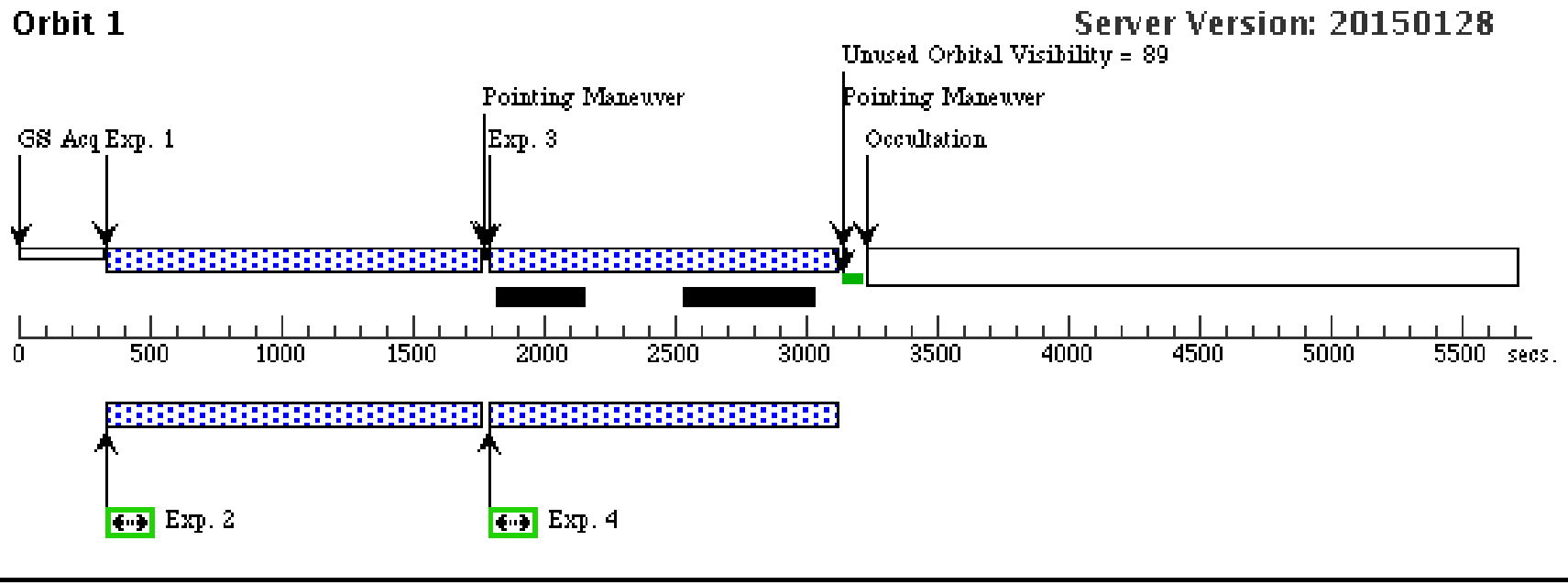
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

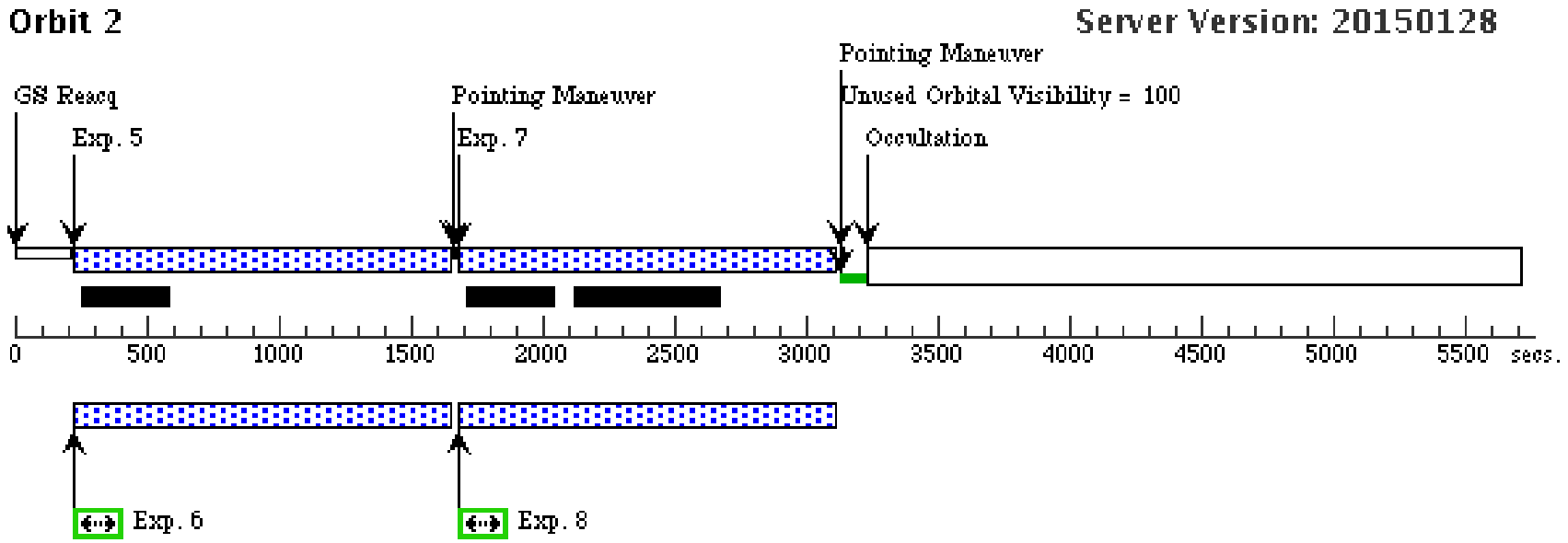
Exposures

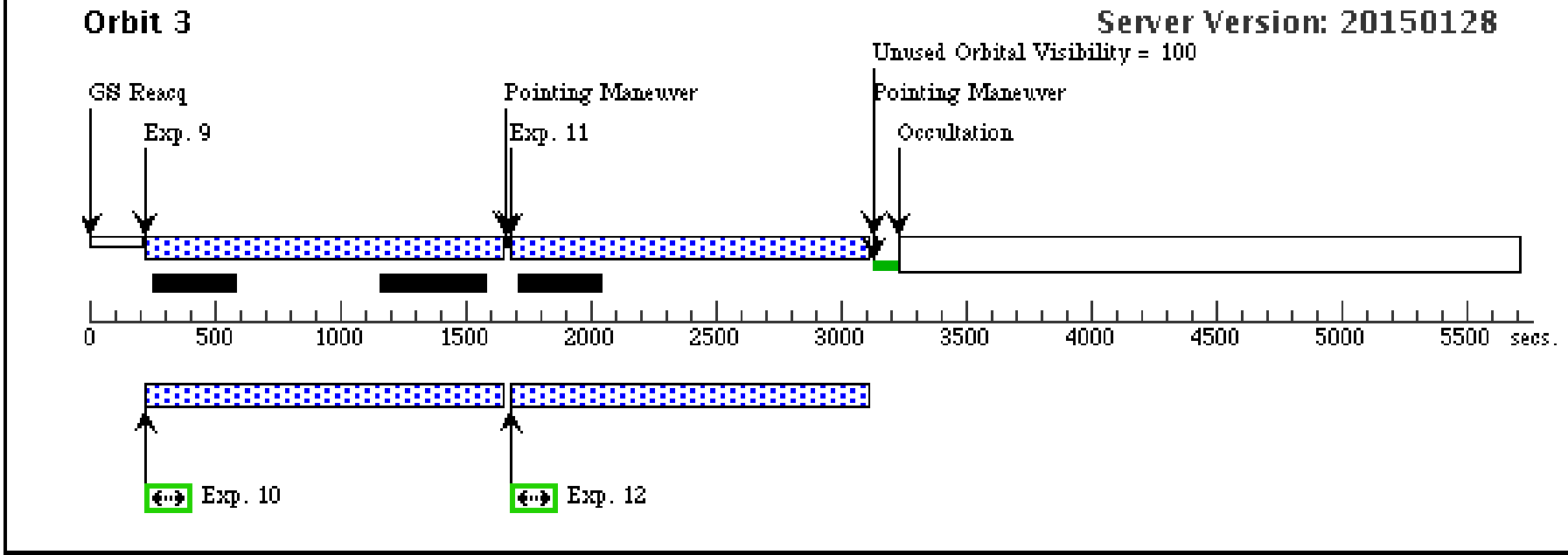
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.833,1.434; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B8 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B8	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 1-4 Non-Int in Visit B8 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B8	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 2.117,1.166; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B8 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B8	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit B8 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B8	1185 Secs (1185 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 2.037,1.132	Sequence 5-8 Non-Int in Visit B8 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B8	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 5-8 Non-Int in Visit B8 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B8	1285 Secs (1285 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.914,1.468	Sequence 5-8 Non-Int in Visit B8 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B8	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit B8 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B8	1285 Secs (1285 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.486,-1.835	Sequence 9-12 Non-Int in Visit B8 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B8	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

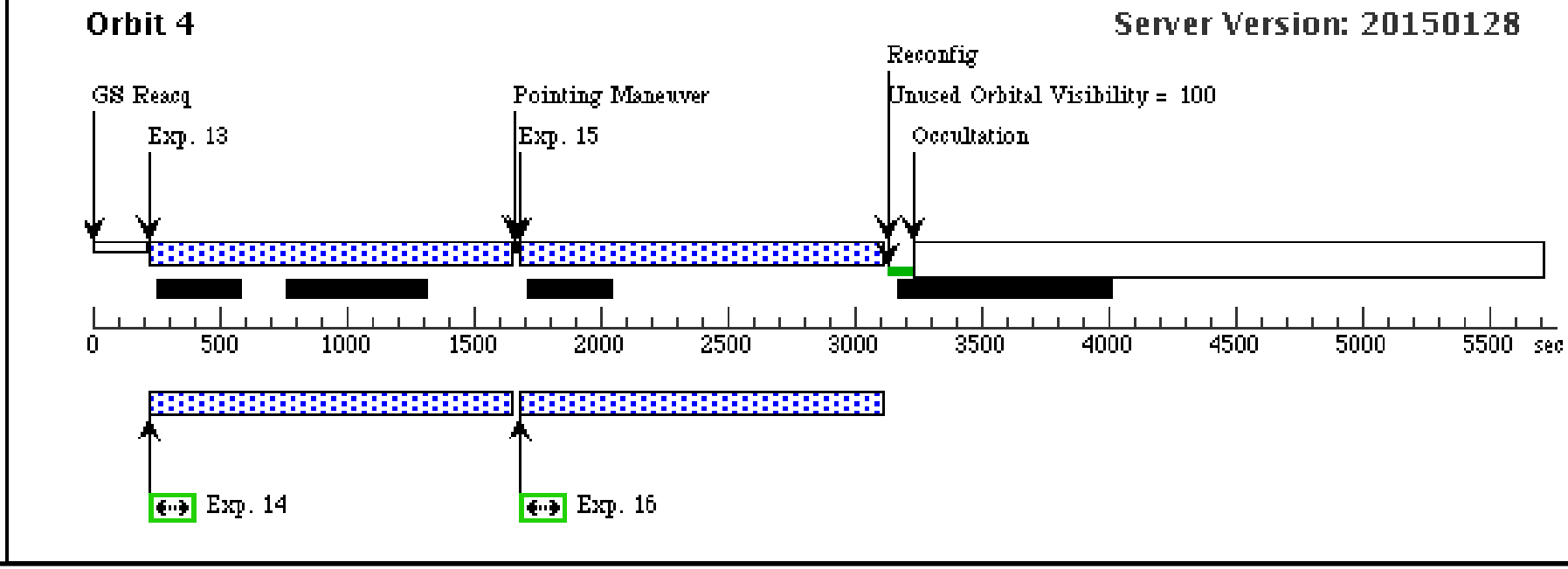
	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 9-12 Non-Int in Visit B8 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B8	1285 Secs (1285 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.406,-1.801	Sequence 9-12 Non-Int in Visit B8 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B8	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit B8 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B8	1285 Secs (1285 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.283,-2.138	Sequence 13-16 Non-Int in Visit B8 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B8	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 13-16 Non-Int in Visit B8 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B8	1285 Secs (1285 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.203,-2.104	Sequence 13-16 Non-Int in Visit B8 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B8	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit B8 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B8	1285 Secs (1285 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Reconfig
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Unused Orbital Visibility = 100
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16

Proposal 13504 - Visit B9 - HST Frontier Fields - Observations of MACSJ1149.5+2223

Visit

Proposal 13504, Visit B9, completed Thu Apr 02 01:04:43 GMT 2015

Diagnostic Status: Warning

Scientific Instruments: WFC3/IR, ACS/WFC

Special Requirements: ORIENT 305D TO 305 D; BETWEEN 01-NOV-2014:00:00:00 AND 01-FEB-2015:00:00:00

Diagnostics

(Visit B9) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT

Fixed Targets

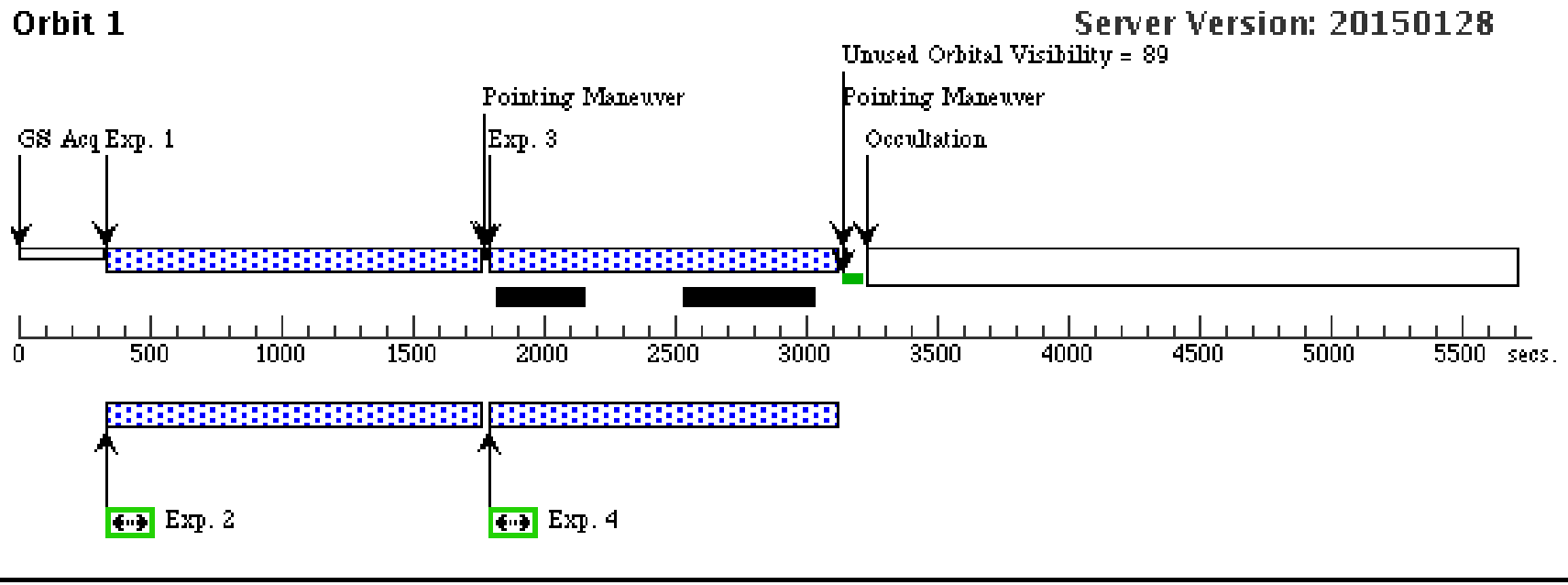
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MACSJ1149.5+2223	RA: 11 49 36.3144 (177.4013100d) Dec: +22 23 59.32 (22.39981d) Equinox: J2000		V=27	Reference Frame: ICRS
(2)	MACSJ1149.5+2223-HFFPAR	RA: 11 49 40.4570 (177.4185708d) Dec: +22 18 1.53 (22.30042d) Equinox: J2000		V=27	Reference Frame: ICRS

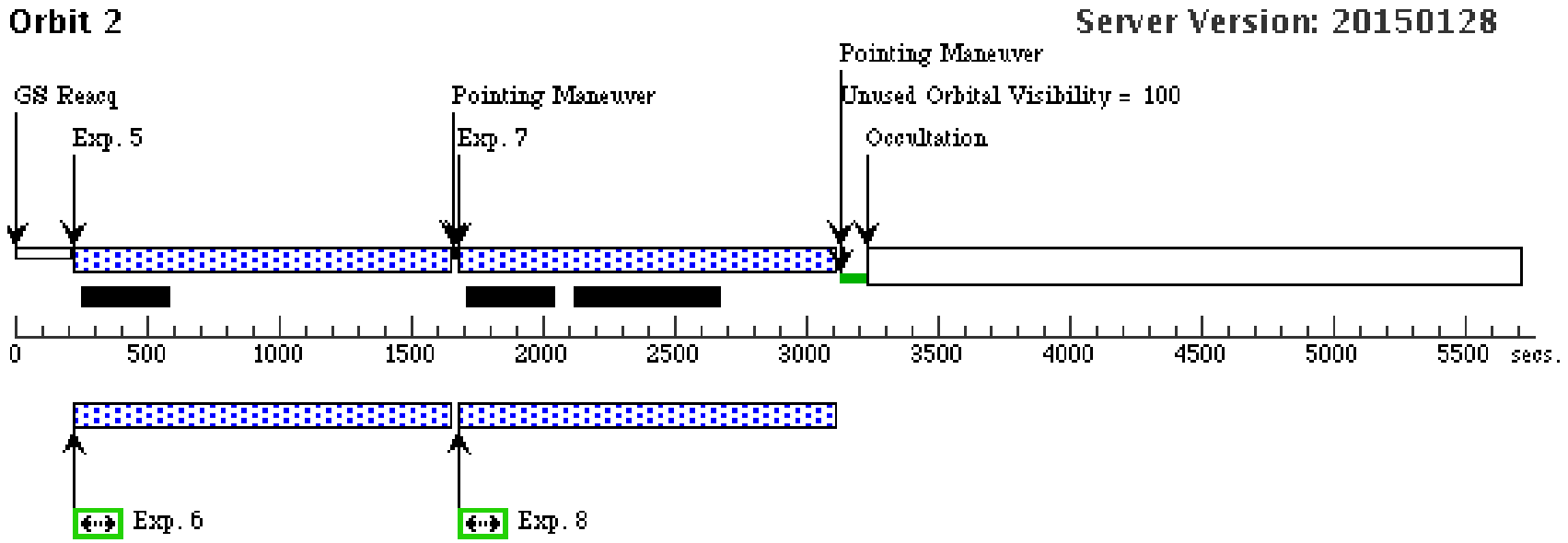
Exposures

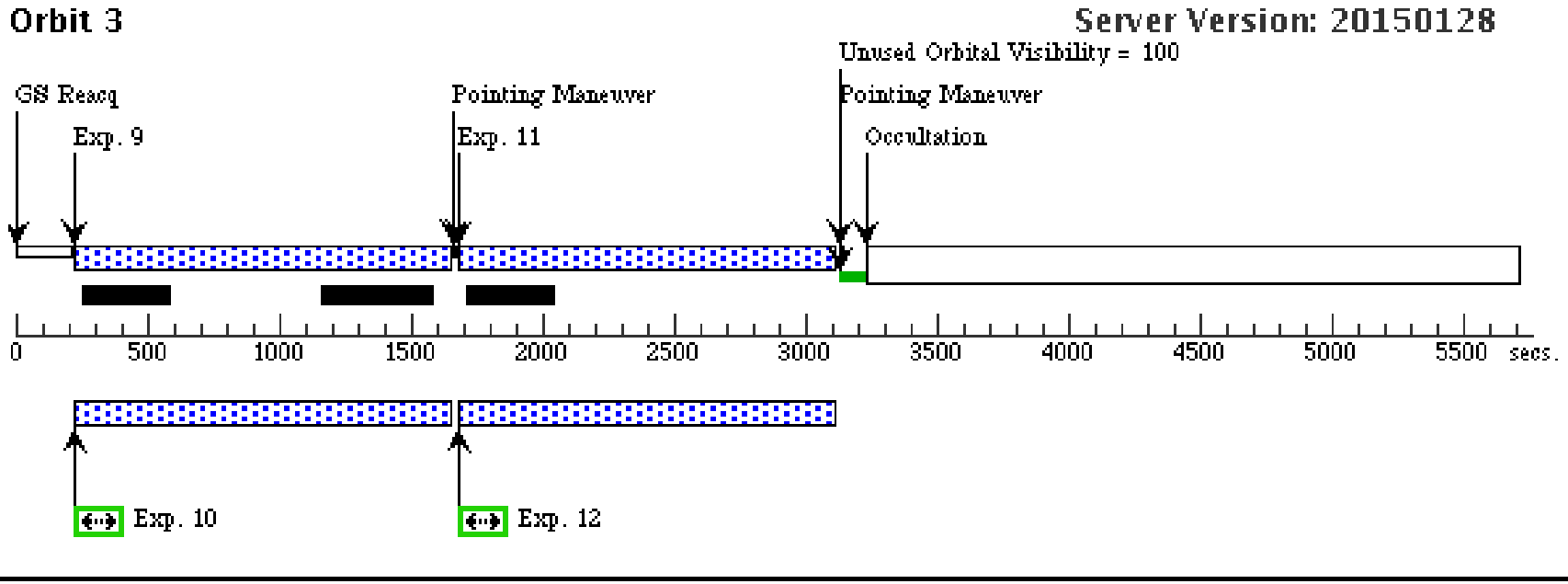
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.414,1.627; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B9 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B9	1402.936813 Secs (1402.937 Secs) *[==>]*	***[1]***
2		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 1-4 Non-Int in Visit B9 Prime + Parallel Group 1-2 in Sequence 1-4 Non-Int in Visit B9	1225 Secs (1225 Secs) *[==>]*	***[1]***
3		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=14; SAMP-SEQ=SPARS100	POS TARG 1.465,1.461; GS ACQ SCENARIO BASE1B3	Sequence 1-4 Non-Int in Visit B9 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B9	1302.93649 Secs (1302.936 Secs) *[==>]*	***[1]***
4		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 1-4 Non-Int in Visit B9 Prime + Parallel Group 3-4 in Sequence 1-4 Non-Int in Visit B9	1185 Secs (1185 Secs) *[==>]*	***[1]***
5		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.618,1.325	Sequence 5-8 Non-Int in Visit B9 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B9	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
6		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 5-8 Non-Int in Visit B9 Prime + Parallel Group 5-6 in Sequence 5-8 Non-Int in Visit B9	1285 Secs (1285 Secs) *[==>]*	***[2]***
7		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG 1.262,1.764	Sequence 5-8 Non-Int in Visit B9 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B9	1402.936813 Secs (1402.937 Secs) *[==>]*	***[2]***
8		(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 5-8 Non-Int in Visit B9 Prime + Parallel Group 7-8 in Sequence 5-8 Non-Int in Visit B9	1285 Secs (1285 Secs) *[==>]*	***[2]***
9		(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.905,-1.642	Sequence 9-12 Non-Int in Visit B9 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B9	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***

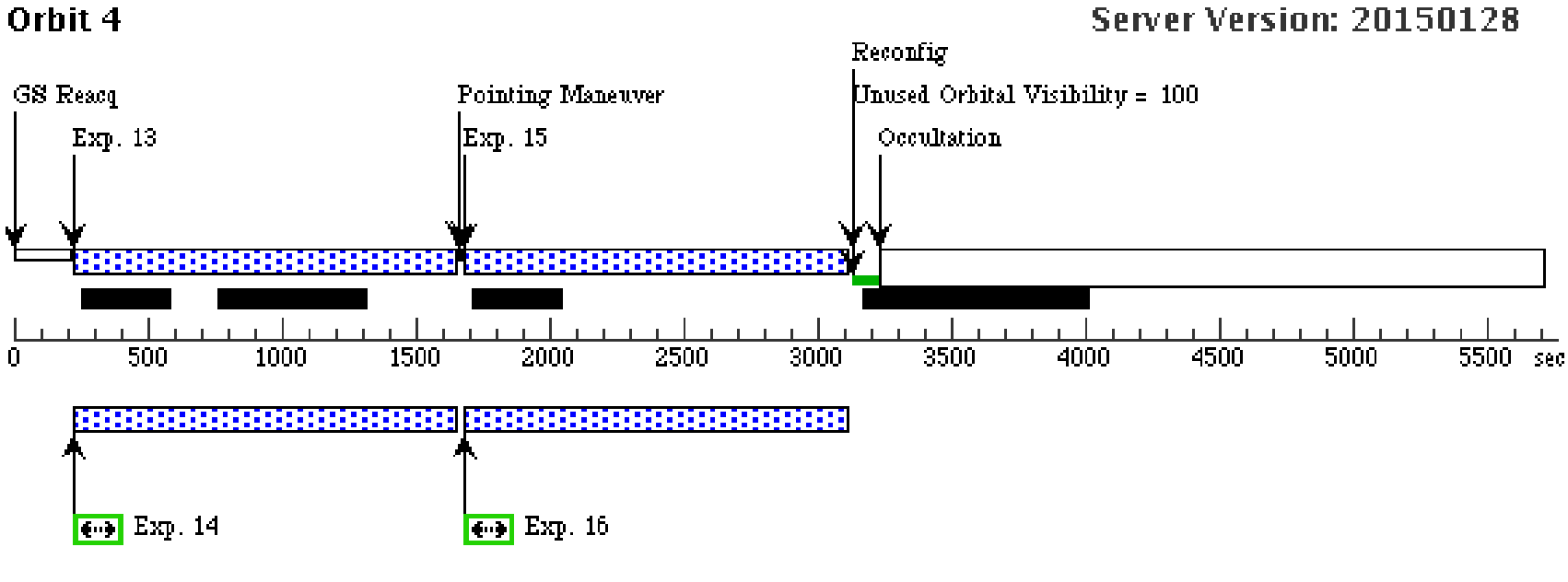
	10	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 9-12 Non-Int in Visit B9 Prime + Parallel Group 9-10 in Sequence 9-12 Non-Int in Visit B9	1285 Secs (1285 Secs) *[==>]*	***[3]***
	11	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -2.058,-1.506	Sequence 9-12 Non-Int in Visit B9 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B9	1402.936813 Secs (1402.937 Secs) *[==>]*	***[3]***
	12	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 9-12 Non-Int in Visit B9 Prime + Parallel Group 11-12 in Sequence 9-12 Non-Int in Visit B9	1285 Secs (1285 Secs) *[==>]*	***[3]***
	13	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F105W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.702,-1.945	Sequence 13-16 Non-Int in Visit B9 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B9	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	14	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F435W			Sequence 13-16 Non-Int in Visit B9 Prime + Parallel Group 13-14 in Sequence 13-16 Non-Int in Visit B9	1285 Secs (1285 Secs) *[==>]*	***[4]***
	15	(1) MACSJ1149.5+2223	WFC3/IR, MULTIACCUM, IR-FIX	F160W	NSAMP=15; SAMP-SEQ=SPARS100	POS TARG -1.855,-1.809	Sequence 13-16 Non-Int in Visit B9 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B9	1402.936813 Secs (1402.937 Secs) *[==>]*	***[4]***
	16	(2) MACSJ1149.5+2223-HFFPAR	ACS/WFC, ACCUM, WFCENTER	F814W			Sequence 13-16 Non-Int in Visit B9 Prime + Parallel Group 15-16 in Sequence 13-16 Non-Int in Visit B9	1285 Secs (1285 Secs) *[==>]*	***[4]***

Orbit Structure






Orbit 3
Server Version: 20150128
Unused Orbital Visibility = 100
GS Reacq
Exp. 9
Pointing Maneuver
Exp. 11
Pointing Maneuver
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
secs.
Exp. 10
Exp. 12


Orbit 4
Server Version: 20150128
Reconfig
Unused Orbital Visibility = 100
GS Reacq
Exp. 13
Pointing Maneuver
Exp. 15
Occultation
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
sec
Exp. 14
Exp. 16