



12884 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Cycle: 20, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) MACSJ0010.8+2909	ACS/WFC	1	02-Oct-2012 21:30:29.0	yes
02	(4) MACSJ0027.4+2607	ACS/WFC	1	02-Oct-2012 21:30:36.0	yes
03	(7) MACSJ0033.8-0751	ACS/WFC	1	02-Oct-2012 21:30:41.0	yes
04	(8) MACSJ0034.4+0225	ACS/WFC	1	02-Oct-2012 21:30:45.0	yes
05	(9) MACSJ0034.9+0234	ACS/WFC	1	02-Oct-2012 21:30:50.0	yes
06	(11) MACSJ0051.6+2720	ACS/WFC	1	02-Oct-2012 21:30:54.0	yes
07	(12) MACSJ0110.1+3211	ACS/WFC	1	02-Oct-2012 21:30:59.0	yes

Proposal 12884 (STScI Edit Number: 5, Created: Tuesday, October 2, 2012 8:49:13 PM EST) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
08	(13) MACSJ0111.5+0855	ACS/WFC	1	02-Oct-2012 21:31:04.0	yes
09	(14) MACSJ0138.0-2155	ACS/WFC	1	02-Oct-2012 21:31:08.0	yes
10	(17) MACSJ0150.3-1005	ACS/WFC	1	02-Oct-2012 21:31:12.0	yes
11	(18) MACSJ0159.0-3412	ACS/WFC	1	02-Oct-2012 21:31:16.0	yes
12	(23) MACSJ0326.8-0043	ACS/WFC	1	02-Oct-2012 21:31:20.0	yes
13	(25) MACSJ0404.2-2703	ACS/WFC	1	02-Oct-2012 21:31:25.0	yes
14	(26) MACSJ0404.6+1109	ACS/WFC	1	02-Oct-2012 21:31:29.0	yes
15	(28) MACSJ0449.3-2848	ACS/WFC	1	02-Oct-2012 21:31:33.0	yes
16	(29) MACSJ0455.2+0657	ACS/WFC	1	02-Oct-2012 21:31:37.0	yes
17	(30) MACSJ0510.4+0220	ACS/WFC	1	02-Oct-2012 21:31:41.0	yes
18	(33) MACSJ0529.7-3145	ACS/WFC	1	02-Oct-2012 21:31:45.0	yes
19	(36) MACSJ0600.1-2008	ACS/WFC	1	02-Oct-2012 21:31:49.0	yes
20	(37) MACSJ0611.8-3036	ACS/WFC	1	02-Oct-2012 21:31:53.0	yes
21	(39) MACSJ0850.1+3604	ACS/WFC	1	02-Oct-2012 21:31:57.0	yes
22	(41) MACSJ0940.9+0744	ACS/WFC	1	02-Oct-2012 21:32:01.0	yes
23	(45) MACSJ1108.8+0906	ACS/WFC	1	02-Oct-2012 21:32:05.0	yes
24	(47) MACSJ1131.8-1955	ACS/WFC	1	02-Oct-2012 21:32:09.0	yes
25	(49) MACSJ1141.6-1905	ACS/WFC	1	02-Oct-2012 21:32:13.0	yes
26	(50) MACSJ1218.4+4012	ACS/WFC	1	02-Oct-2012 21:32:17.0	yes
27	(53) MACSJ1246.1-2547	ACS/WFC	1	02-Oct-2012 21:32:21.0	yes
28	(55) MACSJ1305.9+2630	ACS/WFC	1	02-Oct-2012 21:32:25.0	yes
29	(56) MACSJ1322.8+3138	ACS/WFC	1	02-Oct-2012 21:32:29.0	yes
30	(58) MACSJ1359.1-1929	ACS/WFC	1	02-Oct-2012 21:32:33.0	yes
31	(59) MACSJ1427.2+4407	ACS/WFC	1	02-Oct-2012 21:32:37.0	yes
32	(60) MACSJ1427.6-2521	ACS/WFC	1	02-Oct-2012 21:32:41.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
33	(64) MACSJ1551.9-0207	ACS/WFC	1	02-Oct-2012 21:32:46.0	yes
34	(66) MACSJ1625.7-0830	ACS/WFC	1	02-Oct-2012 21:32:50.0	yes
35	(71) MACSJ2003.4-2322	ACS/WFC	1	02-Oct-2012 21:32:54.0	yes
36	(72) MACSJ2046.0-3430	ACS/WFC	1	02-Oct-2012 21:32:58.0	yes
37	(73) MACSJ2049.9-3217	ACS/WFC	1	02-Oct-2012 21:33:02.0	yes
38	(77) MACSJ2134.6-2706	ACS/WFC	1	02-Oct-2012 21:33:06.0	yes
39	(82) MACSJ2228.5+2036	ACS/WFC	1	02-Oct-2012 21:33:10.0	yes
40	(83) MACSJ2229.7-2755	ACS/WFC	1	02-Oct-2012 21:33:14.0	yes
41	(86) MACSJ2245.0+2637	ACS/WFC	1	02-Oct-2012 21:33:18.0	yes
42	(87) MACSJ2245.4+2808	ACS/WFC	1	02-Oct-2012 21:33:22.0	yes
43	(88) MACSJ2311.5+0338	ACS/WFC	1	02-Oct-2012 21:33:26.0	yes
44	(91) SMACSJ0028.2-7537	ACS/WFC	1	02-Oct-2012 21:33:30.0	yes
45	(92) SMACSJ0040.8-4407	ACS/WFC	1	02-Oct-2012 21:33:33.0	yes
46	(93) SMACSJ0217.1-5244	ACS/WFC	1	02-Oct-2012 21:33:38.0	yes
47	(95) SMACSJ0245.5-5302	ACS/WFC	1	02-Oct-2012 21:33:41.0	yes
48	(97) SMACSJ0332.8-8452	ACS/WFC	1	02-Oct-2012 21:33:45.0	yes
49	(98) SMACSJ0359.1-7205	ACS/WFC	1	02-Oct-2012 21:33:49.0	yes
50	(99) SMACSJ0406.0-4916	ACS/WFC	1	02-Oct-2012 21:33:53.0	yes
51	(104) SMACSJ1519.1-8130	ACS/WFC	1	02-Oct-2012 21:33:57.0	yes
52	(106) SMACSJ2332.4-5358	ACS/WFC	1	02-Oct-2012 21:34:01.0	yes
53	(107) EMACSJ0840.2+4421	ACS/WFC	1	02-Oct-2012 21:34:05.0	yes
54	(108) EMACSJ1057.5+5759	ACS/WFC	1	02-Oct-2012 21:34:09.0	yes
55	(1) MACSJ0010.8+2909	ACS/WFC	1	02-Oct-2012 21:34:13.0	yes
56	(2) MACSJ0011.7-1523	ACS/WFC	1	02-Oct-2012 21:34:17.0	yes
57	(4) MACSJ0027.4+2607	ACS/WFC	1	02-Oct-2012 21:34:21.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
58	(5) MACSJ0027.8+2616	ACS/WFC	1	02-Oct-2012 21:34:25.0	yes
59	(7) MACSJ0033.8-0751	ACS/WFC	1	02-Oct-2012 21:34:29.0	yes
60	(8) MACSJ0034.4+0225	ACS/WFC	1	02-Oct-2012 21:34:33.0	yes
61	(9) MACSJ0034.9+0234	ACS/WFC	1	02-Oct-2012 21:34:37.0	yes
62	(10) MACSJ0035.4-2015	ACS/WFC	1	02-Oct-2012 21:34:41.0	yes
63	(11) MACSJ0051.6+2720	ACS/WFC	1	02-Oct-2012 21:34:45.0	yes
64	(12) MACSJ0110.1+3211	ACS/WFC	1	02-Oct-2012 21:34:48.0	yes
65	(13) MACSJ0111.5+0855	ACS/WFC	1	02-Oct-2012 21:34:52.0	yes
66	(14) MACSJ0138.0-2155	ACS/WFC	1	02-Oct-2012 21:34:56.0	yes
67	(15) MACSJ0140.0-0555	ACS/WFC	1	02-Oct-2012 21:35:00.0	yes
68	(16) MACSJ0140.0-3410	ACS/WFC	1	02-Oct-2012 21:35:04.0	yes
69	(17) MACSJ0150.3-1005	ACS/WFC	1	02-Oct-2012 21:35:08.0	yes
70	(18) MACSJ0159.0-3412	ACS/WFC	1	02-Oct-2012 21:35:12.0	yes
71	(19) MACSJ0159.8-0849	ACS/WFC	1	02-Oct-2012 21:35:16.0	yes
72	(20) MACSJ0242.5-2132	ACS/WFC	1	02-Oct-2012 21:35:20.0	yes
73	(22) MACSJ0308.9+2645	ACS/WFC	1	02-Oct-2012 21:35:24.0	yes
74	(23) MACSJ0326.8-0043	ACS/WFC	1	02-Oct-2012 21:35:28.0	yes
75	(25) MACSJ0404.2-2703	ACS/WFC	1	02-Oct-2012 21:35:31.0	yes
76	(26) MACSJ0404.6+1109	ACS/WFC	1	02-Oct-2012 21:35:35.0	yes
77	(28) MACSJ0449.3-2848	ACS/WFC	1	02-Oct-2012 21:35:39.0	yes
78	(29) MACSJ0455.2+0657	ACS/WFC	1	02-Oct-2012 21:35:43.0	yes
79	(30) MACSJ0510.4+0220	ACS/WFC	1	02-Oct-2012 21:35:47.0	yes
80	(31) MACSJ0520.7-1328	ACS/WFC	1	02-Oct-2012 21:35:51.0	yes
81	(33) MACSJ0529.7-3145	ACS/WFC	1	02-Oct-2012 21:35:55.0	yes
82	(36) MACSJ0600.1-2008	ACS/WFC	1	02-Oct-2012 21:35:59.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
83	(37) MACSJ0611.8-3036	ACS/WFC	1	02-Oct-2012 21:36:03.0	yes
84	(39) MACSJ0850.1+3604	ACS/WFC	1	02-Oct-2012 21:36:06.0	yes
85	(40) MACSJ0913.7+4056	ACS/WFC	1	02-Oct-2012 21:36:10.0	yes
86	(41) MACSJ0940.9+0744	ACS/WFC	1	02-Oct-2012 21:36:14.0	yes
87	(44) MACSJ1105.7-1014	ACS/WFC	1	02-Oct-2012 21:36:18.0	yes
88	(45) MACSJ1108.8+0906	ACS/WFC	1	02-Oct-2012 21:36:22.0	yes
89	(46) MACSJ1124.5+4351	ACS/WFC	1	02-Oct-2012 21:36:26.0	yes
90	(47) MACSJ1131.8-1955	ACS/WFC	1	02-Oct-2012 21:36:30.0	yes
91	(49) MACSJ1141.6-1905	ACS/WFC	1	02-Oct-2012 21:36:34.0	yes
92	(50) MACSJ1218.4+4012	ACS/WFC	1	02-Oct-2012 21:36:38.0	yes
93	(53) MACSJ1246.1-2547	ACS/WFC	1	02-Oct-2012 21:36:41.0	yes
94	(55) MACSJ1305.9+2630	ACS/WFC	1	02-Oct-2012 21:36:45.0	yes
95	(56) MACSJ1322.8+3138	ACS/WFC	1	02-Oct-2012 21:36:49.0	yes
96	(57) MACSJ1328.2+5244	ACS/WFC	1	02-Oct-2012 21:36:53.0	yes
97	(58) MACSJ1359.1-1929	ACS/WFC	1	02-Oct-2012 21:36:57.0	yes
98	(59) MACSJ1427.2+4407	ACS/WFC	1	02-Oct-2012 21:37:01.0	yes
99	(60) MACSJ1427.6-2521	ACS/WFC	1	02-Oct-2012 21:37:05.0	yes
0A	(61) MACSJ1447.4+0827	ACS/WFC	1	02-Oct-2012 21:37:09.0	yes
0B	(63) MACSJ1526.7+1647	ACS/WFC	1	02-Oct-2012 21:37:14.0	yes
0C	(64) MACSJ1551.9-0207	ACS/WFC	1	02-Oct-2012 21:37:18.0	yes
0D	(66) MACSJ1625.7-0830	ACS/WFC	1	02-Oct-2012 21:37:22.0	yes
0E	(69) MACSJ1752.0+4440	ACS/WFC	1	02-Oct-2012 21:37:26.0	yes
0F	(70) MACSJ1806.8+2931	ACS/WFC	1	02-Oct-2012 21:37:30.0	yes
0G	(71) MACSJ2003.4-2322	ACS/WFC	1	02-Oct-2012 21:37:34.0	yes
0H	(72) MACSJ2046.0-3430	ACS/WFC	1	02-Oct-2012 21:37:38.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
0I	(73) MACSJ2049.9-3217	ACS/WFC	1	02-Oct-2012 21:37:42.0	yes
0J	(74) MACSJ2050.7+0123	ACS/WFC	1	02-Oct-2012 21:37:46.0	yes
0K	(75) MACSJ2051.1+0215	ACS/WFC	1	02-Oct-2012 21:37:50.0	yes
0L	(77) MACSJ2134.6-2706	ACS/WFC	1	02-Oct-2012 21:37:54.0	yes
0M	(78) MACSJ2135.2-0102	ACS/WFC	1	02-Oct-2012 21:37:59.0	yes
0N	(79) MACSJ2149.3+0951	ACS/WFC	1	02-Oct-2012 21:38:02.0	yes
0O	(81) MACSJ2211.7-0349	ACS/WFC	1	02-Oct-2012 21:38:07.0	yes
0P	(82) MACSJ2228.5+2036	ACS/WFC	1	02-Oct-2012 21:38:11.0	yes
0Q	(83) MACSJ2229.7-2755	ACS/WFC	1	02-Oct-2012 21:38:15.0	yes
0R	(84) MACSJ2241.8+1732	ACS/WFC	1	02-Oct-2012 21:38:19.0	yes
0S	(85) MACSJ2243.3-0935	ACS/WFC	1	02-Oct-2012 21:38:23.0	yes
0T	(86) MACSJ2245.0+2637	ACS/WFC	1	02-Oct-2012 21:38:27.0	yes
0U	(87) MACSJ2245.4+2808	ACS/WFC	1	02-Oct-2012 21:38:31.0	yes
0V	(88) MACSJ2311.5+0338	ACS/WFC	1	02-Oct-2012 21:38:35.0	yes
0W	(90) SMACSJ0018.9-4051	ACS/WFC	1	02-Oct-2012 21:38:43.0	yes
0X	(91) SMACSJ0028.2-7537	ACS/WFC	1	02-Oct-2012 21:38:47.0	yes
0Y	(92) SMACSJ0040.8-4407	ACS/WFC	1	02-Oct-2012 21:38:51.0	yes
0Z	(93) SMACSJ0217.1-5244	ACS/WFC	1	02-Oct-2012 21:38:55.0	yes
1A	(95) SMACSJ0245.5-5302	ACS/WFC	1	02-Oct-2012 21:38:59.0	yes
1B	(96) SMACSJ0304.3-4401	ACS/WFC	1	02-Oct-2012 21:39:03.0	yes
1C	(97) SMACSJ0332.8-8452	ACS/WFC	1	02-Oct-2012 21:39:06.0	yes
1D	(98) SMACSJ0359.1-7205	ACS/WFC	1	02-Oct-2012 21:39:10.0	yes
1E	(99) SMACSJ0406.0-4916	ACS/WFC	1	02-Oct-2012 21:39:14.0	yes
1F	(100) SMACSJ0439.2-4600	ACS/WFC	1	02-Oct-2012 21:39:18.0	yes
1G	(103) SMACSJ0723.3-7327	ACS/WFC	1	02-Oct-2012 21:39:22.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
1H	(104) SMACSJ1519.1-8130	ACS/WFC	1	02-Oct-2012 21:39:26.0	yes
1I	(105) SMACSJ2031.8-4036	ACS/WFC	1	02-Oct-2012 21:39:30.0	yes
1J	(106) SMACSJ2332.4-5358	ACS/WFC	1	02-Oct-2012 21:39:34.0	yes
1K	(107) EMACSJ0840.2+4421	ACS/WFC	1	02-Oct-2012 21:39:38.0	yes
1L	(108) EMACSJ1057.5+5759	ACS/WFC	1	02-Oct-2012 21:39:42.0	yes
1M	(1) MACSJ0010.8+2909	WFC3/IR	1	02-Oct-2012 21:39:47.0	yes
1N	(2) MACSJ0011.7-1523	WFC3/IR	1	02-Oct-2012 21:39:53.0	yes
1O	(3) MACSJ0014.3-3022	WFC3/IR	1	02-Oct-2012 21:39:58.0	yes
1P	(4) MACSJ0027.4+2607	WFC3/IR	1	02-Oct-2012 21:40:03.0	yes
1Q	(6) MACSJ0032.1+1808	WFC3/IR	1	02-Oct-2012 21:40:09.0	yes
1R	(7) MACSJ0033.8-0751	WFC3/IR	1	02-Oct-2012 21:40:14.0	yes
1S	(8) MACSJ0034.4+0225	WFC3/IR	1	02-Oct-2012 21:40:19.0	yes
1T	(9) MACSJ0034.9+0234	WFC3/IR	1	02-Oct-2012 21:40:24.0	yes
1U	(10) MACSJ0035.4-2015	WFC3/IR	1	02-Oct-2012 21:40:30.0	yes
1V	(11) MACSJ0051.6+2720	WFC3/IR	1	02-Oct-2012 21:40:35.0	yes
1W	(12) MACSJ0110.1+3211	WFC3/IR	1	02-Oct-2012 21:40:40.0	yes
1X	(13) MACSJ0111.5+0855	WFC3/IR	1	02-Oct-2012 21:40:45.0	yes
1Y	(14) MACSJ0138.0-2155	WFC3/IR	1	02-Oct-2012 21:40:50.0	yes
1Z	(16) MACSJ0140.0-3410	WFC3/IR	1	02-Oct-2012 21:40:56.0	yes
2A	(17) MACSJ0150.3-1005	WFC3/IR	1	02-Oct-2012 21:41:01.0	yes
2B	(18) MACSJ0159.0-3412	WFC3/IR	1	02-Oct-2012 21:41:06.0	yes
2C	(19) MACSJ0159.8-0849	WFC3/IR	1	02-Oct-2012 21:41:11.0	yes
2D	(20) MACSJ0242.5-2132	WFC3/IR	1	02-Oct-2012 21:41:17.0	yes
2E	(22) MACSJ0308.9+2645	WFC3/IR	1	02-Oct-2012 21:41:22.0	yes
2F	(23) MACSJ0326.8-0043	WFC3/IR	1	02-Oct-2012 21:41:27.0	yes

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2G	(24) MACSJ0358.8-2955	WFC3/IR	1	02-Oct-2012 21:41:32.0	yes
2H	(25) MACSJ0404.2-2703	WFC3/IR	1	02-Oct-2012 21:41:38.0	yes
2I	(26) MACSJ0404.6+1109	WFC3/IR	1	02-Oct-2012 21:41:43.0	yes
2J	(27) MACSJ0417.5-1154	WFC3/IR	1	02-Oct-2012 21:41:48.0	yes
2K	(28) MACSJ0449.3-2848	WFC3/IR	1	02-Oct-2012 21:41:53.0	yes
2L	(29) MACSJ0455.2+0657	WFC3/IR	1	02-Oct-2012 21:41:59.0	yes
2M	(30) MACSJ0510.4+0220	WFC3/IR	1	02-Oct-2012 21:42:04.0	yes
2N	(32) MACSJ0521.4-2754	WFC3/IR	1	02-Oct-2012 21:42:09.0	yes
2O	(33) MACSJ0529.7-3145	WFC3/IR	1	02-Oct-2012 21:42:15.0	yes
2P	(34) MACSJ0547.0-3904	WFC3/IR	1	02-Oct-2012 21:42:20.0	yes
2Q	(35) MACSJ0553.4-3342	WFC3/IR	1	02-Oct-2012 21:42:25.0	yes
2R	(36) MACSJ0600.1-2008	WFC3/IR	1	02-Oct-2012 21:42:30.0	yes
2S	(37) MACSJ0611.8-3036	WFC3/IR	1	02-Oct-2012 21:42:35.0	yes
2T	(38) MACSJ0845.4+0327	WFC3/IR	1	02-Oct-2012 21:42:41.0	yes
2U	(39) MACSJ0850.1+3604	WFC3/IR	1	02-Oct-2012 21:42:46.0	yes
2V	(40) MACSJ0913.7+4056	WFC3/IR	1	02-Oct-2012 21:42:51.0	yes
2W	(41) MACSJ0940.9+0744	WFC3/IR	1	02-Oct-2012 21:42:57.0	yes
2X	(42) MACSJ0949.8+1708	WFC3/IR	1	02-Oct-2012 21:43:02.0	yes
2Y	(43) MACSJ1006.9+3200	WFC3/IR	1	02-Oct-2012 21:43:07.0	yes
2Z	(44) MACSJ1105.7-1014	WFC3/IR	1	02-Oct-2012 21:43:12.0	yes
3A	(45) MACSJ1108.8+0906	WFC3/IR	1	02-Oct-2012 21:43:18.0	yes
3B	(46) MACSJ1124.5+4351	WFC3/IR	1	02-Oct-2012 21:43:23.0	yes
3C	(47) MACSJ1131.8-1955	WFC3/IR	1	02-Oct-2012 21:43:28.0	yes
3D	(48) MACSJ1133.2+5008	WFC3/IR	1	02-Oct-2012 21:43:34.0	yes
3E	(49) MACSJ1141.6-1905	WFC3/IR	1	02-Oct-2012 21:43:39.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
3F	(50) MACSJ1218.4+4012	WFC3/IR	1	02-Oct-2012 21:43:44.0	yes
3G	(51) MACSJ1226.8+2153A	WFC3/IR	1	02-Oct-2012 21:43:50.0	yes
3H	(52) MACSJ1226.8+2153B	WFC3/IR	1	02-Oct-2012 21:43:55.0	yes
3I	(53) MACSJ1246.1-2547	WFC3/IR	1	02-Oct-2012 21:44:00.0	yes
3J	(54) MACSJ1258.0+4702	WFC3/IR	1	02-Oct-2012 21:44:06.0	yes
3K	(55) MACSJ1305.9+2630	WFC3/IR	1	02-Oct-2012 21:44:11.0	yes
3L	(56) MACSJ1322.8+3138	WFC3/IR	1	02-Oct-2012 21:44:16.0	yes
3M	(57) MACSJ1328.2+5244	WFC3/IR	1	02-Oct-2012 21:44:22.0	yes
3N	(58) MACSJ1359.1-1929	WFC3/IR	1	02-Oct-2012 21:44:27.0	yes
3O	(59) MACSJ1427.2+4407	WFC3/IR	1	02-Oct-2012 21:44:32.0	yes
3P	(60) MACSJ1427.6-2521	WFC3/IR	1	02-Oct-2012 21:44:38.0	yes
3Q	(61) MACSJ1447.4+0827	WFC3/IR	1	02-Oct-2012 21:44:43.0	yes
3R	(62) MACSJ1452.9+5802	WFC3/IR	1	02-Oct-2012 21:44:48.0	yes
3S	(64) MACSJ1551.9-0207	WFC3/IR	1	02-Oct-2012 21:44:54.0	yes
3T	(65) MACSJ1621.3+3810	WFC3/IR	1	02-Oct-2012 21:44:59.0	yes
3U	(66) MACSJ1625.7-0830	WFC3/IR	1	02-Oct-2012 21:45:05.0	yes
3V	(67) MACSJ1644.9+0139	WFC3/IR	1	02-Oct-2012 21:45:10.0	yes
3W	(68) MACSJ1731.6+2252	WFC3/IR	1	02-Oct-2012 21:45:16.0	yes
3X	(69) MACSJ1752.0+4440	WFC3/IR	1	02-Oct-2012 21:45:21.0	yes
3Y	(70) MACSJ1806.8+2931	WFC3/IR	1	02-Oct-2012 21:45:26.0	yes
3Z	(71) MACSJ2003.4-2322	WFC3/IR	1	02-Oct-2012 21:45:32.0	yes
4A	(72) MACSJ2046.0-3430	WFC3/IR	1	02-Oct-2012 21:45:37.0	yes
4B	(73) MACSJ2049.9-3217	WFC3/IR	1	02-Oct-2012 21:45:42.0	yes
4C	(74) MACSJ2050.7+0123	WFC3/IR	1	02-Oct-2012 21:45:48.0	yes
4D	(77) MACSJ2134.6-2706	WFC3/IR	1	02-Oct-2012 21:45:53.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
4E	(79) MACSJ2149.3+0951	WFC3/IR	1	02-Oct-2012 21:45:58.0	yes
4F	(81) MACSJ2211.7-0349	WFC3/IR	1	02-Oct-2012 21:46:04.0	yes
4G	(82) MACSJ2228.5+2036	WFC3/IR	1	02-Oct-2012 21:46:09.0	yes
4H	(83) MACSJ2229.7-2755	WFC3/IR	1	02-Oct-2012 21:46:15.0	yes
4I	(84) MACSJ2241.8+1732	WFC3/IR	1	02-Oct-2012 21:46:20.0	yes
4J	(86) MACSJ2245.0+2637	WFC3/IR	1	02-Oct-2012 21:46:25.0	yes
4K	(87) MACSJ2245.4+2808	WFC3/IR	1	02-Oct-2012 21:46:31.0	yes
4L	(88) MACSJ2311.5+0338	WFC3/IR	1	02-Oct-2012 21:46:36.0	yes
4M	(90) SMACSJ0018.9-4051	WFC3/IR	1	02-Oct-2012 21:46:42.0	yes
4N	(91) SMACSJ0028.2-7537	WFC3/IR	1	02-Oct-2012 21:46:47.0	yes
4O	(92) SMACSJ0040.8-4407	WFC3/IR	1	02-Oct-2012 21:46:53.0	yes
4P	(93) SMACSJ0217.1-5244	WFC3/IR	1	02-Oct-2012 21:46:58.0	yes
4Q	(94) SMACSJ0234.7-5831	WFC3/IR	1	02-Oct-2012 21:47:03.0	yes
4R	(95) SMACSJ0245.5-5302	WFC3/IR	1	02-Oct-2012 21:47:09.0	yes
4S	(96) SMACSJ0304.3-4401	WFC3/IR	1	02-Oct-2012 21:47:14.0	yes
4T	(97) SMACSJ0332.8-8452	WFC3/IR	1	02-Oct-2012 21:47:20.0	yes
4U	(98) SMACSJ0359.1-7205	WFC3/IR	1	02-Oct-2012 21:47:25.0	yes
4V	(99) SMACSJ0406.0-4916	WFC3/IR	1	02-Oct-2012 21:47:31.0	yes
4W	(100) SMACSJ0439.2-4600	WFC3/IR	1	02-Oct-2012 21:47:36.0	yes
4X	(101) SMACSJ0549.3-6205	WFC3/IR	1	02-Oct-2012 21:47:42.0	yes
4Y	(102) SMACSJ0600.2-4353	WFC3/IR	1	02-Oct-2012 21:47:47.0	yes
4Z	(103) SMACSJ0723.3-7327	WFC3/IR	1	02-Oct-2012 21:47:53.0	yes
5A	(104) SMACSJ1519.1-8130	WFC3/IR	1	02-Oct-2012 21:47:58.0	yes
5B	(105) SMACSJ2031.8-4036	WFC3/IR	1	02-Oct-2012 21:48:05.0	yes
5C	(106) SMACSJ2332.4-5358	WFC3/IR	1	02-Oct-2012 21:48:12.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
5D	(107) EMACSJ0840.2+4421	WFC3/IR	1	02-Oct-2012 21:48:18.0	yes
5E	(108) EMACSJ1057.5+5759	WFC3/IR	1	02-Oct-2012 21:48:23.0	yes
5F	(110) MACSJ0018.5+1626	WFC3/IR	1	02-Oct-2012 21:48:29.0	yes
5G	(109) MACSJ0025.4-1222	WFC3/IR	1	02-Oct-2012 21:48:34.0	yes
5H	(111) MACSJ0257.1-2325	WFC3/IR	1	02-Oct-2012 21:48:40.0	yes
5I	(113) MACSJ0911.2+1746	WFC3/IR	1	02-Oct-2012 21:48:45.0	yes
5J	(114) MACSJ2214.9-1359	WFC3/IR	1	02-Oct-2012 21:48:51.0	yes

239 Total Orbits Used

ABSTRACT

We propose the continuation of our highly successful ACS+WFC3 SNAPshot survey of a sample of 125 very X-ray luminous clusters in the redshift range 0.3-0.7, detected and compiled by the MACS cluster survey. As demonstrated by ACS/WFC3 SNAPshots of 63 MACS clusters obtained by us in previous Cycles (14 of them in all of F606W, F814W, F110W, and F140W), dedicated HST observations of the 12 most distant MACS clusters (GO-09722), and the CLASH MCT programme, these systems are highly efficient gravitational lenses as well as ideal targets for studies of galaxy evolution in dense environments.

Our primary science goals are a) the discovery of additional bright, giant arcs for resolved, in-depth, spectroscopic study with 8-10m telescopes, b) the selection of Distant Red Galaxies as well as $z > 6$ galaxies as F814W dropouts, and c) the identification of extremely luminous but optically faint submm galaxies at $z=2-5$ detected in our Herschel/SPIRE observations of this sample. In addition, the proposed observations will d) provide important constraints on the mass distributions in these extreme systems, and e) improve our understanding of the physical nature of galaxy-galaxy and galaxy-gas interactions in cluster cores.

In recognition of the particular value of WFC3 images for our primary science goals (so far, only 21 WFC3/SNAPs have been executed), we stagger the proposed visits such that SNAPshots in the WFC3/F110W and F140W passbands will be executed first, followed by ACS observations in the F606W and F814W filters. The images thus obtained will build a dataset of legacy value for a wide range of extragalactic research topics.

OBSERVING DESCRIPTION

F606W:

We propose ACS/F606W observations of the 56 MACS and SMACS clusters not yet observed with HST/ACS. Our targets are uniformly distributed over the high-Galactic latitude sky ($|b| > 20$), making ours an ideal SNAPSHOT sample.

Adopting our previous, successful strategy, we will conduct the proposed observations in a linear 3-point pattern of 400s exposure each, to ensure efficient cosmic-ray and hot-pixel rejection. The F606W filter represents a good compromise between grasp, emission-line contamination, and K-correction for cluster members and lensed background galaxies. Only at $z > 5$, where the Lyman-break leaves the F606W bandpass, will the F606W snapshots be insensitive to a lensed object. Over the majority of the redshift range of $z_{\text{src}} = 1-4$ within which lensing is most probable for a $z = 0.3-0.4$ lens, the equivalent rest frame for the background object is centred at 1200–3000Å. The total visit time will be approximately 32 min and thus close to the optimum value in terms of schedulability.

F814W:

In addition to F606W observations, we propose to obtain snapshot exposures of slightly longer duration ($3 \times 480\text{s}$) in the F814W passband of all targets for which ACS/F606W images (but no F814W images) already exist (currently 32 from our SNAP-10491/10875/12166 programmes). The F814W filter has no spectral overlap with F606W and thus provides maximal leverage at high throughput. The resulting high-resolution colour images will be invaluable to securely identify multiple-image systems (lensing is achromatic) that are not readily apparent as such in monochromatic images (see Figs. 2, 5), and to constrain the properties of the background galaxies lensed into giant gravitational arcs. As importantly, the combination of F606W and F814W imaging data will increase the depth of the co-added ACS image sufficiently to allow a weak-lensing analysis of the mass profiles of MACS cluster cores. Note that such an analysis will not be limited by the ACS charge transfer inefficiency (CTI). After application of the correction described by Massey et al. (2010) and implemented in the latest STSDAS/PyRAF release, the CTI ellipticity error (Schrab- back et al. 2010) is reduced to $< 0.9\%$, which is below the level of our statistical errors.

Colour information will also help greatly to identify star-forming regions and thus shed light on the nature of the physical processes driving galaxy evolution in cluster cores, as well as to constrain the properties of galaxies on and off the cluster red sequence. This is the same observing strategy as used successfully in previous incarnations of this SNAP survey of MACS clusters.

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For all ACS observations we will place the dominant cluster galaxy in the centre of one WFC chip (WFC1, unless badly affected by hot pixels) to maximise the coverage of the region of any likely Einstein radius (15–40) around the galaxy. Placing the galaxy on the centre of the WFC field of view would potentially limit the detectability of any lensed features due to the chip gap. The roll angle of any observation is not critical although we will flag observations where a bright star might enter the field of view.

WFC3/F110W+F140W:

Finally, but most importantly, we include NIR imaging with WFC3 in the F110W and F140W filters (2×400s each, executable within a single orbit) for all MACS clusters with existing ACS images in the F606W and/or F814W ACS passbands (currently 6 from GO-09722 that are not included in the approved CLASH target list, and an additional 13 from our SNAP programme). In combination with ACS images in bluer passbands (above), NIR photometry in two filters will enable us to identify galaxies at $z > 6$ and DRGs at $z \approx 2$ as dropouts in the F814W filter, as demonstrated by us recently using CLASH data for A383 (Richard et al. 2011, but see also Richard et al. 2008; Bradac et al. 2009). Requiring less than an orbit (combined), these WFC3 observations will also allow the determination of photometric redshifts from all four passbands. The resulting ability to remove unlensed foreground and cluster galaxies that dilute the gravitational-shear signal is critical for a reliable weak-lensing measurement of the cluster mass distribution from the combined F606W and F814W data.

In recognition of the particular value of WFC3/NIR observations for our science goals we will use the following strategy to ensure that, for any given SNAP target, the observations are executed in an optimal order: although all observations will be entered in the pool of visits for this programme, we will set the observations in the bluer filters (ACS/F606W and F814W) to HOLD and release them only when the associated WFC3/F110W+F140W SNAP observation has been performed.

Proposal 12884 - Visit 01 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 01, implementation Wed Oct 03 01:49:16 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	MACSJ0010.8+2909	RA: 00 10 52.7600 (2.7198333d) Dec: +29 09 38.10 (29.16058d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0010+29_60	(1) MACSJ0010.8+2	ACS/WFC, ACCUM, WFC	F606W
Exposures	6	909			CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 01 (1)
Exposures					Exp. Time/[Actual Dur.]
					400 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the orbit structure over a 5500-second period. It shows various operational segments: a blue checkered segment for initial acquisition, green segments for exposures (Exp. 1), black bars for pointing maneuvers, a green segment for unused visibility (1176 seconds), and a white segment for occultation. The timeline is marked with major ticks every 500 seconds.				

Proposal 12884 - Visit 02 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 02, implementation Wed Oct 03 01:49:18 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(4)	MACSJ0027.4+2607	RA: 00 27 27.1500 (6.8631250d) Dec: +26 07 4.30 (26.11786d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0027.4+26_606	(4) MACSJ0027.4+2607	ACS/WFC, ACCUM, WFC	F606W
				Opt. Params.	Special Reqs.
				CR-SPLIT=NO	
				Groups	Exp. Time/[Actual Dur.]
				Pattern 1, Exps 1-1 in Visit 02 (1)	400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Unused Visibility = 1176 [] Occultation [] 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 03 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 03, implementation Wed Oct 03 01:49:18 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	MACSJ0033.8-0751	RA: 00 33 51.5200 (8.4646667d) Dec: -07 51 19.20 (-7.85533d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0033-07_60	(7) MACSJ0033.8-0	ACS/WFC, ACCUM, WFC	F606W
Exposures	6	751			CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 03 (1)
Exposures					Exp. Time/[Actual Dur.]
					400 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the orbit structure for Orbit 1, showing a timeline from 0 to 5500 seconds. Key events and segments are marked: GS Acq: Green box at approximately 300 seconds. Exp. 1: Green box at approximately 1000 seconds. Pointing Maneuver: Indicated by arrows at approximately 1000 and 1500 seconds. Exp. 1: Green box at approximately 1500 seconds. Pointing Maneuver: Indicated by an arrow at approximately 2000 seconds. Exp. 1: Green box at approximately 2000 seconds. Unused Visibility = 1156: Indicated by an arrow at approximately 2500 seconds. Occultation: Indicated by an arrow at approximately 3500 seconds. The timeline is divided into segments with different patterns: blue checkered (0 to 1000s), green (1000 to 2000s), and black (2000 to 5500s).				

Proposal 12884 - Visit 04 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 04, implementation Wed Oct 03 01:49:19 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(8)	MACSJ0034.4+0225	RA: 00 34 26.2300 (8.6092917d) Dec: +02 25 28.60 (2.42461d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0034.4+02_606	(8) MACSJ0034.4+0225	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 04 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]				
Exposures					Orbit
	[1]				
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the orbit structure over a 5500-second period. It shows various operational phases: GS Acq, exposure times (Exp. 1), pointing maneuvers, periods of unused visibility (1152 seconds), and an occultation event. The timeline is segmented with different patterns: blue checkered for initial operations, green for exposure times, and black for other phases.				

Proposal 12884 - Visit 05 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 05, implementation Wed Oct 03 01:49:20 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	MACSJ0034.9+0234	RA: 00 34 57.9100 (8.7412917d) Dec: +02 33 30.50 (2.55847d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0034.9+02_606	(9) MACSJ0034.9+0234	ACS/WFC, ACCUM, WFC	F606W
				Opt. Params.	Special Reqs.
				CR-SPLIT=NO	
				Groups	Exp. Time/[Actual Dur.]
				Pattern 1, Exps 1-1 in Visit 05 (1)	400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1152 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 06 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 06, implementation Wed Oct 03 01:49:21 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(11)	MACSJ0051.6+2720	RA: 00 51 38.6200 (12.9109167d) Dec: +27 20 2.00 (27.33389d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0051+27_60	(11) MACSJ0051.6+2720	ACS/WFC, ACCUM, WFC	F606W
	6				CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 06 (1)
					Exp. Time/[Actual Dur.]
					400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1				
	Server Version: 20120802				
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 07 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 07, implementation Wed Oct 03 01:49:21 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(12)	MACSJ0110.1+3211	RA: 01 10 7.3000 (17.5304167d) Dec: +32 10 48.50 (32.18014d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0110+32_60	(12) MACSJ0110.1+3211	ACS/WFC, ACCUM, WFC	F606W
	6				CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 07 (1)
					Exp. Time/[Actual Dur.]
					400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the orbit structure over a 5500-second period. Key events and segments are as follows: GS Acq: Green box at approximately 300 seconds. Exp. 1: Green box at approximately 1000 seconds. Pointing Maneuver: Indicated by arrows at approximately 1000 and 1500 seconds. Unused Visibility = 1190: A green segment from approximately 2100 to 3290 seconds. Occultation: A black segment starting at approximately 3300 seconds. The timeline is marked with a scale from 0 to 5500 seconds in increments of 500.				

Proposal 12884 - Visit 08 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 08, implementation Wed Oct 03 01:49:22 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(13)	MACSJ0111.5+0855	RA: 01 11 31.5700 (17.8815417d) Dec: +08 55 40.20 (8.92783d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0111+08_60	(13) MACSJ0111.5+	ACS/WFC, ACCUM, WFC	F606W
Exposures	6	0855			CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 08 (1)
Exposures					Exp. Time/[Actual Dur.]
					400 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the timeline of Orbit 1. It starts with a GS Acq (Greenhouse Acquisition) from 0 to 50 seconds. This is followed by an exposure (Exp. 1) from 50 to 100 seconds, highlighted with a green box. A pointing maneuver occurs from 100 to 150 seconds. Another exposure (Exp. 1) follows from 150 to 200 seconds, also highlighted with a green box. A second pointing maneuver occurs from 200 to 250 seconds. A third exposure (Exp. 1) follows from 250 to 300 seconds, highlighted with a green box. From 300 to 1156 seconds, there is a period of 'Unused Visibility', represented by a green bar. Finally, an 'Occultation' period lasts from 1156 to 5500 seconds, represented by a white bar. A blue checkered bar spans from 100 to 200 seconds, likely indicating a specific data or observation status. The x-axis is labeled in seconds (sec) from 0 to 5500.				

Proposal 12884 - Visit 09 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 09, implementation Wed Oct 03 01:49:23 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(14)	MACSJ0138.0-2155	RA: 01 38 3.8000 (24.5158333d) Dec: -21 55 33.00 (-21.92583d) Equinox: J2000		V=14.0+/-0.1
Exposures					Miscellaneous
					Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0138-21_60	(14) MACSJ0138.0-2155	ACS/WFC, ACCUM, WFC	F606W
Exposures				Opt. Params.	Special Reqs.
				CR-SPLIT=NO	
Exposures				Groups	Exp. Time/[Actual Dur.]
				Pattern 1, Exps 1-1 in Visit 09 (1)	400 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure					
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 10 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 10, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:49:24 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(17)	MACSJ0150.3-1005	RA: 01 50 21.1300 (27.5880417d) Dec: -10 05 30.30 (-10.09175d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0150-10_60	(17) MACSJ0150.3-1005	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 10 (1)	400 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									
	GS Acq [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Unused Visibility = 1162 [] Occultation [] 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec									

Proposal 12884 - Visit 11 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 11, implementation Wed Oct 03 01:49:24 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(18)	MACSJ0159.0-3412	RA: 01 59 3.9200 (29.7663333d) Dec: -34 13 5.10 (-34.21808d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0159-34_60	(18) MACSJ0159.0-3412	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 11 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]				
Exposures					Orbit
	[1]				
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the timeline of Orbit 1. It starts at 0 seconds and ends at 5500 seconds. Key events are marked with arrows: GS Acq at approximately 100s, Exp. 1 (green box) at approximately 400s, Pointing Maneuver at approximately 1000s, another Pointing Maneuver at approximately 1500s, and Occultation at approximately 3200s. A blue checkered bar represents the observation period, and a green bar represents the unused visibility period. The text 'Unused Visibility = 1190' is shown above the green bar.				

Proposal 12884 - Visit 12 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 12, implementation Wed Oct 03 01:49:25 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(23)	MACSJ0326.8-0043	RA: 03 26 49.9800 (51.7082500d) Dec: -00 43 53.20 (-.73144d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0326-00_60	(23) MACSJ0326.8-0043	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 12 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure for Orbit 1, showing a timeline from 0 to 5500 seconds. Key events and segments are marked: GS Acq: Green box at approximately 400 seconds. Exp. 1: Green box at approximately 1000 seconds. Pointing Maneuver: Indicated by arrows at approximately 1000 and 1500 seconds. Exp. 1: Green box at approximately 1500 seconds. Exp. 1 Unused Visibility = 1152: Green box at approximately 2000 seconds. Occultation: Indicated by an arrow at approximately 3200 seconds. The timeline is divided into segments with different patterns: blue checkered (0 to 1000s), green (1000 to 2000s), and black (2000 to 5500s).				

Proposal 12884 - Visit 13 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 13, implementation Wed Oct 03 01:49:26 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(25)	MACSJ0404.2-2703	RA: 04 04 18.7700 (61.0782083d) Dec: -27 03 4.50 (-27.05125d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0404-27_60	(25) MACSJ0404.2-2703	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 13 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]				
Exposures					Orbit
	[1]				
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Unused Visibility = 1176 [] Occultation [] 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 14 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 14, implementation										Wed Oct 03 01:49:26 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(26)	MACSJ0404.6+1109	RA: 04 04 33.7400 (61.1405833d) Dec: +11 07 53.00 (11.13139d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	0404+11_60	(26) MACSJ0404.6+	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs		
	6		1109					n Visit 14 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure for Orbit 1, showing a timeline from 0 to 5500 seconds. Key events and segments are labeled: GS Acq: Green box at approximately 400 seconds. Exp. 1: Green box at approximately 1000 seconds. Pointing Maneuver: Indicated by arrows at approximately 1000 and 1500 seconds. Exp. 1: Green box at approximately 1500 seconds. Exp. 1: Green box at approximately 1800 seconds. Unused Visibility = 1162: Indicated by a green box at approximately 2000 seconds. Occultation: Indicated by a green box at approximately 3200 seconds. The timeline is divided into segments with different patterns: blue checkered, green, and white.										

Proposal 12884 - Visit 15 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 15, implementation Wed Oct 03 01:49:27 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(28)	MACSJ0449.3-2848	RA: 04 49 20.8300 (72.3367917d) Dec: -28 49 8.80 (-28.81911d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0449-28_60	(28) MACSJ0449.3-2848	ACS/WFC, ACCUM, WFC	F606W
				Opt. Params.	Special Reqs.
				CR-SPLIT=NO	
				Groups	Exp. Time/[Actual Dur.]
				Pattern 1, Exps 1-1 in Visit 15 (1)	400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Unused Visibility = 1176 [] Occultation [] 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 16 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 16, implementation Wed Oct 03 01:49:28 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(29)	MACSJ0455.2+0657	RA: 04 55 17.4600 (73.8227500d) Dec: +06 57 47.30 (6.96314d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0455+06_60	(29) MACSJ0455.2+0657	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 16 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure over a 5500-second period. It shows various mission events: GS Acq, three exposures (Exp. 1) marked with green boxes, two pointing maneuvers, a segment of unused visibility (1156 seconds), and an occultation. The timeline is segmented with different patterns: blue checkered for the first part, green for the exposure segments, and black for the pointing maneuver and occultation periods.				

Proposal 12884 - Visit 17 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 17, implementation Wed Oct 03 01:49:29 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(30)	MACSJ0510.4+0220	RA: 05 10 28.9000 (77.6204167d) Dec: +02 20 51.00 (2.34750d) Equinox: J2000		V=14.0+/-0.1
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0510+02_60	(30) MACSJ0510.4+	ACS/WFC, ACCUM, WFC	F606W
Exposures	6		0220		CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 17 (1)
Exposures					Exp. Time/[Actual Dur.]
					400 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1152 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 18 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 18, implementation Wed Oct 03 01:49:29 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(33)	MACSJ0529.7-3145	RA: 05 29 45.6400 (82.4401667d) Dec: -31 46 0.00 (-31.76667d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0529-31_60	(33) MACSJ0529.7-3145	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 18 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]				
Exposures					Orbit
	[1]				
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure					
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 19 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 19, implementation Wed Oct 03 01:49:30 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(36)	MACSJ0600.1-2008	RA: 06 00 9.3000 (90.0387500d) Dec: -20 08 19.00 (-20.13861d) Equinox: J2000		V=14.0+/-0.1
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0600-20_60	(36) MACSJ0600.1-2008	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 19 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 20 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 20, implementation Wed Oct 03 01:49:31 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(37)	MACSJ0611.8-3036	RA: 06 11 48.4400 (92.9518333d) Dec: -30 37 23.90 (-30.62331d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0611-30_60	(37) MACSJ0611.8-3036	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 20 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 21 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:49:31 GMT 2012

Visit	Proposal 12884, Visit 21, implementation										Wed Oct 03 01:49:31 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(39)	MACSJ0850.1+3604	RA: 08 50 7.6800 (132.5320000d) Dec: +36 04 17.10 (36.07142d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	0850+36_606	(39) MACSJ0850.1+3604	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 21 (1)	400 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20120802										

Proposal 12884 - Visit 22 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 22, implementation Wed Oct 03 01:49:32 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(41)	MACSJ0940.9+0744	RA: 09 40 52.5000 (145.2187500d) Dec: +07 44 25.30 (7.74036d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0940+07_60	(41) MACSJ0940.9+	ACS/WFC, ACCUM, WFC	F606W
	6		0744		CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 22 (1)
					400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the orbit structure for Orbit 1, showing a timeline from 0 to 5500 seconds. Key events and segments are labeled: GS Acq: Green box at approximately 300 seconds. Exp. 1: Green box at approximately 1000 seconds. Pointing Maneuver: Indicated by arrows at approximately 1000 and 1500 seconds. Exp. 1: Green box at approximately 1500 seconds. Exp. 1: Green box at approximately 1800 seconds. Unused Visibility = 1156: Indicated by a green box at approximately 2100 seconds. Occultation: Indicated by a black box starting at approximately 3200 seconds. The timeline is divided into segments with different patterns: blue checkered (0 to 1000s), green (1000 to 2100s), and black (2100 to 5500s).				

Proposal 12884 - Visit 23 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 23, implementation Wed Oct 03 01:49:33 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(45)	MACSJ1108.8+0906	RA: 11 08 55.4500 (167.2310417d) Dec: +09 06 0.40 (9.10011d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1108+09_60	(45) MACSJ1108.8+0906	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 23 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure for Orbit 1. The timeline starts at 0 seconds and ends at 5500 seconds. Key events and segments are marked as follows: GS Acq: Occurs at approximately 100 seconds. Exp. 1: The first exposure segment, highlighted with a green box, occurs between approximately 100 and 400 seconds. Pointing Maneuver: Indicated by a vertical arrow at approximately 1000 seconds. Exp. 1: The second exposure segment, highlighted with a green box, occurs between approximately 1000 and 1300 seconds. Pointing Maneuver: Indicated by a vertical arrow at approximately 1500 seconds. Exp. 1: The third exposure segment, highlighted with a green box, occurs between approximately 1500 and 1800 seconds. Unused Visibility = 1156: A period of 1156 seconds of unused visibility, highlighted with a green box, occurs between approximately 1800 and 2956 seconds. Occultation: A long black segment representing occultation, starting at approximately 3200 seconds and ending at approximately 5500 seconds. The timeline is divided into segments with different patterns: blue checkered (from 100 to 1000 seconds), green (for exposures and unused visibility), and black (for occultation).				

Proposal 12884 - Visit 24 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 24, implementation										Wed Oct 03 01:49:33 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(47)	MACSJ1131.8-1955	RA: 11 31 54.1800 (172.9757500d) Dec: -19 55 5.00 (-19.91806d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	1131-19_606	(47) MACSJ1131.8-1955	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 24 (1)	400 Secs		
									[>=>(Pattern 1)] [>=>(Pattern 2)] [>=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1, starting at 0 seconds and ending at 5500 seconds. Key events and segments are marked as follows: GS Acq: Green box at approximately 300 seconds. Exp. 1: Green box at approximately 1000 seconds. Pointing Maneuver: Indicated by arrows at approximately 1000 and 1500 seconds. Exp. 1: Green box at approximately 1500 seconds. Exp. 1 Unused Visibility = 1167: Green box at approximately 2000 seconds. Occultation: Indicated by an arrow at approximately 3200 seconds. The timeline is divided into segments with different patterns: blue checkered (0 to 1000s), green (1000 to 2000s), and black (2000 to 5500s).										

Proposal 12884 - Visit 25 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 25, implementation Wed Oct 03 01:49:34 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(49)	MACSJ1141.6-1905	RA: 11 41 40.8200 (175.4200833d) Dec: -19 05 18.10 (-19.08836d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1141-19_60	(49) MACSJ1141.6-1905	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 25 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 26 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 26, implementation Wed Oct 03 01:49:35 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(50)	MACSJ1218.4+4012	RA: 12 18 27.4400 (184.6143333d) Dec: +40 13 0.30 (40.21675d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1218+40_60	(50) MACSJ1218.4+4012	ACS/WFC, ACCUM, WFC	F606W
				Opt. Params.	Special Reqs.
				CR-SPLIT=NO	
				Groups	Exp. Time/[Actual Dur.]
				Pattern 1, Exps 1-1 in Visit 26 (1)	400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1256 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 27 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 27, implementation										Wed Oct 03 01:49:36 GMT 2012												
	Diagnostic Status: No Diagnostics																						
	Scientific Instruments: ACS/WFC																						
	Special Requirements: (none)																						
Patterns	#	Primary Pattern										Secondary Pattern										Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=										Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true										(1)	
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous							
	(53)	MACSJ1246.1-2547		RA: 12 46 6.8800 (191.5286667d) Dec: -25 47 32.10 (-25.79225d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS							
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit					
	1	1246-25_60	(53) MACSJ1246.1-2547	ACS/WFC, ACCUM, WFC				F606W		CR-SPLIT=NO				Pattern 1, Exps 1-1 in Visit 27 (1)		400 Secs							
	6															[==>(Pattern 1)]							
																[==>(Pattern 2)]		[1]					
Orbit Structure																							
	Orbit 1 Server Version: 20120802 Pointing Maneuver Pointing Maneuver GS Acq Exp. 1 Exp. 1 Exp. 1 Unused Visibility = 1176 Occultation																						

Proposal 12884 - Visit 28 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:49:36 GMT 2012

Visit

Proposal 12884, Visit 28, implementation

Diagnostic Status: No Diagnostics

Scientific Instruments: ACS/WFC

Special Requirements: (none)

Patterns

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(55)	MACSJ1305.9+2630	RA: 13 05 58.9200 (196.4955000d) Dec: +26 30 47.10 (26.51308d) Equinox: J2000		V=14.0+/-1.0	Reference Frame: ICRS

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
1	1305+26_606	(55) MACSJ1305.9+2630	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 28 (1)	400 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]

Orbit Structure

Orbit 1

Server Version: 20120802

Pointing Maneuver

Pointing Maneuver

GS Acq [] Exp. 1 [] Exp. 1 [] Exp. 1 Unused Visibility = 1176

Occlutation

Timeline from 0 to 5500 seconds. Key events: GS Acq at ~300s, Exp. 1 at ~1000s, ~1500s, and ~1800s. Pointing maneuvers at ~1000s and ~1500s. Occultation starts at ~3200s. Blue checkered regions indicate visibility, and black bars indicate occultation.

Proposal 12884 - Visit 29 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 29, implementation Wed Oct 03 01:49:37 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(56)	MACSJ1322.8+3138	RA: 13 22 48.8100 (200.7033750d) Dec: +31 39 16.80 (31.65467d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1322+31_60	(56) MACSJ1322.8+	ACS/WFC, ACCUM, WFC	F606W
	6		3138		CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 29 (1)
					400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Unused Visibility = 1190 [] Occultation [] 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 30 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 30, scheduling Wed Oct 03 01:49:38 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(58)	MACSJ1359.1-1929	RA: 13 59 10.3900 (209.7932917d) Dec: -19 29 25.10 (-19.49031d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1359-19	(58) MACSJ1359.1-1929	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 30 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]				
Exposures					Orbit
	[1]				
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq [Exp. 1] [Exp. 1] [Exp. 1] Unused Visibility = 1167 Occultation Pointing Maneuver Pointing Maneuver 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 31 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 31, implementation										Wed Oct 03 01:49:38 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(59)	MACSJ1427.2+4407	RA: 14 27 16.1500 (216.8172917d) Dec: +44 07 31.10 (44.12531d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	1427+44_60	(59) MACSJ1427.2+	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs		
	6		4407					n Visit 31 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20120802 GS Acq [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Unused Visibility = 1256 [] Occultation [] 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec										

Proposal 12884 - Visit 32 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 32, implementation Wed Oct 03 01:49:39 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(60)	MACSJ1427.6-2521	RA: 14 27 39.5200 (216.9146667d) Dec: -25 21 3.10 (-25.35086d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1427-25_60	(60) MACSJ1427.6-2521	ACS/WFC, ACCUM, WFC	F606W
				Opt. Params.	Special Reqs.
				CR-SPLIT=NO	Pattern 1, Exps 1-1 i n Visit 32 (1)
					Exp. Time/[Actual Dur.]
					400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Unused Visibility = 1176 [] Occultation [] 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 33 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 33, implementation Wed Oct 03 01:49:40 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(64)	MACSJ1551.9-0207	RA: 15 51 58.4600 (237.9935833d) Dec: -02 07 52.00 (-2.13111d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1551-02_60	(64) MACSJ1551.9-0207	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 33 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802 GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1152 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 34 - A Snapshot Survey of The Most Massive Clusters of Galaxies

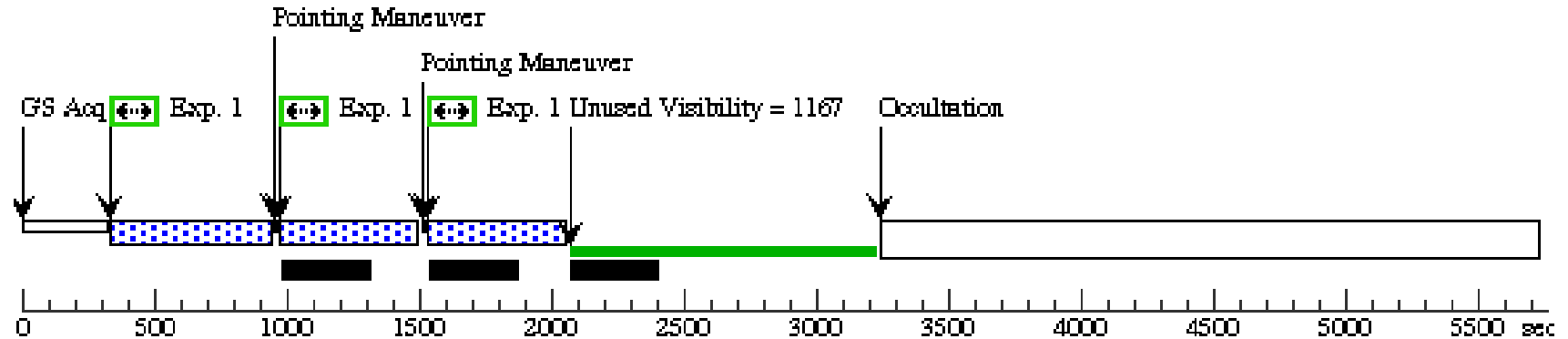
Visit	Proposal 12884, Visit 34, implementation Wed Oct 03 01:49:40 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(66)	MACSJ1625.7-0830	RA: 16 25 45.9300 (246.4413750d) Dec: -08 30 54.20 (-8.51506d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1625-08_60	(66) MACSJ1625.7-0830	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 34 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 35 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 35, implementation Wed Oct 03 01:49:41 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(71)	MACSJ2003.4-2322	RA: 20 03 31.2000 (300.8800000d) Dec: -23 24 0.00 (-23.40000d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2003-23_60	(71) MACSJ2003.4-2322	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 35 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs				
Exposures					Orbit
	[1]				

Orbit 1

Server Version: 20120802



Proposal 12884 - Visit 36 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 36, implementation Wed Oct 03 01:49:42 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(72)	MACSJ2046.0-3430	RA: 20 46 0.5900 (311.5024583d) Dec: -34 30 18.90 (-34.50525d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2046-34_60	(72) MACSJ2046.0-3430	ACS/WFC, ACCUM, WFC	F606W
				Opt. Params.	Special Reqs.
				CR-SPLIT=NO	
				Groups	Exp. Time/[Actual Dur.]
				Pattern 1, Exps 1-1 i n Visit 36 (1)	400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Unused Visibility = 1190 [] Occultation [] 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 37 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 37, implementation Wed Oct 03 01:49:42 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(73)	MACSJ2049.9-3217	RA: 20 49 55.8700 (312.4827917d) Dec: -32 16 48.40 (-32.28011d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2049-32_60	(73) MACSJ2049.9-3217	ACS/WFC, ACCUM, WFC	F606W
				Opt. Params.	Special Reqs.
				CR-SPLIT=NO	Pattern 1, Exps 1-1 i n Visit 37 (1)
					Exp. Time/[Actual Dur.]
					400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Unused Visibility = 1190 [] Occultation [] 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 38 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 38, implementation Wed Oct 03 01:49:43 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(77)	MACSJ2134.6-2706	RA: 21 34 35.9900 (323.6499583d) Dec: -27 05 56.00 (-27.09889d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2134-27_60	(77) MACSJ2134.6-2706	ACS/WFC, ACCUM, WFC	F606W
				Opt. Params.	Special Reqs.
				CR-SPLIT=NO	
				Groups	Exp. Time/[Actual Dur.]
				Pattern 1, Exps 1-1 i n Visit 38 (1)	400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1176 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 39 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 39, implementation Wed Oct 03 01:49:44 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(82)	MACSJ2228.5+2036	RA: 22 28 33.8200 (337.1409167d) Dec: +20 37 15.60 (20.62100d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2228+20_60	(82) MACSJ2228.5+2036	ACS/WFC, ACCUM, WFC	F606W
				Opt. Params.	Special Reqs.
				CR-SPLIT=NO	
				Groups	Exp. Time/[Actual Dur.]
				Pattern 1, Exps 1-1 in Visit 39 (1)	400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1				
	Server Version: 20120802				
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 40 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 40, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:49:44 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(83)	MACSJ2229.7-2755	RA: 22 29 47.0000 (337.4458333d) Dec: -27 55 20.00 (-27.92222d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2229-27_60	(83) MACSJ2229.7-2755	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 40 (1)	400 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									
Orbit Structure										
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec									

Proposal 12884 - Visit 41 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 41, implementation Wed Oct 03 01:49:45 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(86)	MACSJ2245.0+2637	RA: 22 45 4.7600 (341.2698333d) Dec: +26 38 4.30 (26.63453d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2245+26_60	(86) MACSJ2245.0+2637	ACS/WFC, ACCUM, WFC	F606W
				Opt. Params.	Special Reqs.
				CR-SPLIT=NO	
				Groups	Exp. Time/[Actual Dur.]
				Pattern 1, Exps 1-1 i n Visit 41 (1)	400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1176 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 42 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 42, implementation Wed Oct 03 01:49:46 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(87)	MACSJ2245.4+2808	RA: 22 45 24.6100 (341.3525417d) Dec: +28 08 3.00 (28.13417d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
					Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2245+28_60	(87) MACSJ2245.4+	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	6		2808		CR-SPLIT=NO
Exposures					Special Reqs.
Exposures					Groups
					Pattern 1, Exps 1-1 i
Exposures					Exp. Time/[Actual Dur.]
					400 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the orbit structure over a 5500-second period. Key events and segments are as follows: GS Acq: Green arrow at approximately 100 seconds. Exp. 1: Three green boxes labeled "Exp. 1" at approximately 400, 1000, and 1600 seconds. Pointing Maneuver: Two vertical arrows at approximately 1000 and 1600 seconds. Unused Visibility = 1176: A green segment from approximately 2100 to 3200 seconds. Occultation: A white segment from approximately 3300 to 5500 seconds. The timeline is marked with a scale from 0 to 5500 seconds in increments of 500.				

Proposal 12884 - Visit 44 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 44, implementation Wed Oct 03 01:49:47 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(91)	SMACSJ0028.2-7537	RA: 00 28 9.7800 (7.0407500d) Dec: -75 37 45.10 (-75.62919d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0028-75_60	(91) SMACSJ0028.2	ACS/WFC, ACCUM, WFC	F606W
Exposures	6	-7537			CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 44 (1)
Exposures					Exp. Time/[Actual Dur.]
					400 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq Exp. 1 Pointing Maneuver Unused Visibility = 1546 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 45 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 45, implementation Wed Oct 03 01:49:47 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(92)	SMACSJ0040.8-4407	RA: 00 40 49.9900 (10.2082917d) Dec: -44 07 50.60 (-44.13072d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0040-44_60	(92) SMACSJ0040.8	ACS/WFC, ACCUM, WFC	F606W
Exposures	6	-4407			CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 45 (1)
Exposures					400 Secs
					[==>(Pattern 1)]
Exposures					[==>(Pattern 2)]
					[==>(Pattern 3)]
Orbit Structure					Orbit
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the orbit structure for Orbit 1, showing a timeline from 0 to 5500 seconds. Key events include GS Acq, Exp. 1 (green box), Pointing Maneuver, Exp. 1 (green box), Pointing Maneuver, Exp. 1 (green box), Unused Visibility = 1256, and Occultation. The timeline is divided into segments with different patterns: blue checkered, green, and black.				

Proposal 12884 - Visit 46 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 46, implementation Wed Oct 03 01:49:48 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(93)	SMACSJ0217.1-5244	RA: 02 17 14.9900 (34.3124583d) Dec: -52 45 37.80 (-52.76050d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0217-52_60	(93) SMACSJ0217.1-5244	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 46 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 47 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 47, implementation Wed Oct 03 01:49:49 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(95)	SMACSJ0245.5-5302	RA: 02 45 30.3000 (41.3762500d) Dec: -53 02 6.50 (-53.03514d) Equinox: J2000		V=14.0+/-0.1
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0245-53_60	(95) SMACSJ0245.5-5302	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 47 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]				
Exposures					Orbit
	[1]				
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1353 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 48 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 48, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:49:50 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(97)	SMACSJ0332.8-8452	RA: 03 33 13.6500 (53.3068750d) Dec: -84 53 26.30 (-84.89064d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0332-84_60	(97) SMACSJ0332.8-8452	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 48 (1)	400 Secs	
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1562 Occultation									

Proposal 12884 - Visit 49 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 49, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:49:50 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(98)	SMACSJ0359.1-7205	RA: 03 59 13.4200 (59.8059167d) Dec: -72 05 6.20 (-72.08506d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0359-72_60	(98) SMACSJ0359.1-7205	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 49 (1)	400 Secs	
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec									

Proposal 12884 - Visit 50 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 50, implementation Wed Oct 03 01:49:51 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(99)	SMACSJ0406.0-4916	RA: 04 05 58.7600 (61.4948333d) Dec: -49 15 59.20 (-49.26644d) Equinox: J2000		V=14.0+/-1.0 Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0406-49_60	(99) SMACSJ0406.0	ACS/WFC, ACCUM, WFC	F606W
	6	-4916			
					CR-SPLIT=NO
					Special Reqs.
					Groups
					Exp. Time/[Actual Dur.]
					Orbit
					Pattern 1, Exps 1-1 i n Visit 50 (1)
					400 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the timeline of Orbit 1, starting at 0 seconds and ending at 5500 seconds. Key events and segments are marked as follows: GS Acq: Occurs at approximately 100 seconds. Exp. 1: The first exposure, marked with a green box, occurs between approximately 100 and 400 seconds. Pointing Maneuver: Occurs at approximately 1000 seconds. Exp. 1: The second exposure, marked with a green box, occurs between approximately 1000 and 1300 seconds. Exp. 1 Unused Visibility = 1300: A segment of unused visibility, marked with a green box, occurs between approximately 1300 and 2100 seconds. Occultation: Occurs at approximately 3400 seconds. The timeline is divided into segments with different patterns: blue checkered (from 100 to 400 seconds), green (from 1000 to 1300 seconds and 1300 to 2100 seconds), and black (from 2100 to 3400 seconds).				

Proposal 12884 - Visit 51 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 51, implementation Wed Oct 03 01:49:52 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(104)	SMACSJ1519.1-8130	RA: 15 18 54.8720 (229.7286333d) Dec: -81 30 23.58 (-81.50655d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1519-81_60	(104) SMACSJ1519.1-8130	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 51 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802				
Orbit Structure					
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 52 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 52, implementation Wed Oct 03 01:49:52 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(106)	SMACSJ2332.4-5358	RA: 23 32 27.4800 (353.1145000d) Dec: -53 58 29.40 (-53.97483d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2332-53_60	(106) SMACSJ2332.4-5358	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 52 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 53 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 53, implementation Wed Oct 03 01:49:53 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(107)	EMACSJ0840.2+4421	RA: 08 40 9.3500 (130.0389583d) Dec: +44 21 54.00 (44.36500d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	e0840+44_6 06	(107) EMACSJ0840. 2+4421	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 i n Visit 53 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 54 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 54, implementation Wed Oct 03 01:49:54 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(108)	EMACSJ1057.5+5759	RA: 10 57 31.0900 (164.3795417d) Dec: +57 59 45.50 (57.99597d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	e1057+57_6 06	(108) EMACSJ1057.5+5759	ACS/WFC, ACCUM, WFC	F606W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 54 (1)				
Exposures					Exp. Time/[Actual Dur.]
	400 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]				
Exposures					Orbit
	[1]				
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1414 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 55 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 55, implementation Wed Oct 03 01:49:54 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	MACSJ0010.8+2909	RA: 00 10 52.7600 (2.7198333d) Dec: +29 09 38.10 (29.16058d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0010+29_81	(1) MACSJ0010.8+2	ACS/WFC, ACCUM, WFC	F814W
Exposures	4	909			
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
					Pattern 1, Exps 1-1 i
Exposures					n Visit 55 (1)
					480 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure	GS Acq. Exp. 1				
	Pointing Maneuver				
Orbit Structure	Exp. 1				
	Pointing Maneuver				
Orbit Structure	Exp. 1				
	Unused Visibility = 936				
Orbit Structure	Occultation				

Proposal 12884 - Visit 56 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 56, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:49:55 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(2)	MACSJ0011.7-1523	RA: 00 11 42.9100 (2.9287917d) Dec: -15 23 22.70 (-15.38964d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0011-15_81 4	(2) MACSJ0011.7-1 523	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 56 (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									
	The diagram illustrates the orbit structure for Orbit 1 over a 5500-second period. Key events include: GS Acq: Green Signal Acquisition at approximately 300 seconds. Exp. 1: Three exposures, each lasting 480 seconds, occurring at approximately 400, 1100, and 1700 seconds. Pointing Maneuvers: Two maneuvers, each lasting approximately 100 seconds, occurring at approximately 1000 and 1800 seconds. Unused Visibility = 927: A period of 927 seconds of unused visibility, occurring between approximately 2300 and 3200 seconds. Occultation: A period of occultation, occurring from approximately 3200 to 5500 seconds.									

Proposal 12884 - Visit 57 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 57, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:49:56 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(4)	MACSJ0027.4+2607	RA: 00 27 27.1500 (6.8631250d) Dec: +26 07 4.30 (26.11786d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0027.4+26_814	(4) MACSJ0027.4+2607	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 57 (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. It starts with a 'GS Acq' (green bar) at approximately 250 seconds. This is followed by 'Exp. 1' (green bar with a star icon) at 400 seconds. A 'Pointing Maneuver' (black bar) occurs at 1000 seconds. Another 'Exp. 1' (green bar with a star icon) follows at 1100 seconds. A second 'Pointing Maneuver' (black bar) occurs at 1700 seconds. A third 'Exp. 1' (green bar with a star icon) follows at 1800 seconds. A period of 'Unused Visibility = 936' (green bar) occurs at 2300 seconds. Finally, an 'Occultation' (white bar) begins at 3200 seconds and continues until the end of the orbit at 5500 seconds.									

Proposal 12884 - Visit 58 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 58, scheduling										Wed Oct 03 01:49:56 GMT 2012	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/WFC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(5)	MACSJ0027.8+2616	RA: 00 27 45.8900 (6.9412083d) Dec: +26 16 25.50 (26.27375d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	0027.8+26_814	(5) MACSJ0027.8+2616	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 58 (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1											Server Version: 20120802

Proposal 12884 - Visit 59 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 59, implementation										Wed Oct 03 01:49:57 GMT 2012												
	Diagnostic Status: No Diagnostics																						
	Scientific Instruments: ACS/WFC																						
	Special Requirements: (none)																						
Patterns	#	Primary Pattern										Secondary Pattern										Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true																				(1)	
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous							
	(7)	MACSJ0033.8-0751		RA: 00 33 51.5200 (8.4646667d) Dec: -07 51 19.20 (-7.85533d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS							
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit						
	1	0033-07_81	(7) MACSJ0033.8-0	ACS/WFC, ACCUM, WFC			F814W		CR-SPLIT=NO				Pattern 1, Exps 1-1 i		480 Secs								
	4		751										n Visit 59 (1)		[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]						
Orbit Structure	Orbit 1										Server Version: 20120802												
	The diagram illustrates the timeline of Orbit 1. It starts with a GS Acq (Green Square Acquisition) at approximately 300 seconds, followed by three exposures (Exp. 1, marked with green squares) at approximately 400, 1100, and 1700 seconds. Two Pointing Maneuvers (indicated by vertical arrows) occur at approximately 1000 and 1700 seconds. A period of Unused Visibility (916 seconds) is shown between the third exposure and the occultation. The occultation period begins at approximately 3200 seconds and continues until the end of the orbit at 5500 seconds. The timeline is marked with a scale from 0 to 5500 seconds.																						

Proposal 12884 - Visit 60 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 60, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:49:58 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(8)	MACSJ0034.4+0225	RA: 00 34 26.2300 (8.6092917d) Dec: +02 25 28.60 (2.42461d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0034.4+02_814	(8) MACSJ0034.4+0225	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 60 (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 912 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec									

Proposal 12884 - Visit 61 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 61, implementation Wed Oct 03 01:49:58 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	MACSJ0034.9+0234	RA: 00 34 57.9100 (8.7412917d) Dec: +02 33 30.50 (2.55847d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0034.9+02_814	(9) MACSJ0034.9+0234	ACS/WFC, ACCUM, WFC	F814W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 61 (1)				
Exposures					Exp. Time/[Actual Dur.]
	480 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 62 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 62, scheduling Wed Oct 03 01:49:59 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(10)	MACSJ0035.4-2015	RA: 00 35 26.2100 (8.8592083d) Dec: -20 15 44.20 (-20.26228d) Equinox: J2000		V=14.0+/-1.0
Exposures					
	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0035-20_81	(10) MACSJ0035.4-2015	ACS/WFC, ACCUM, WFC	F814W
					Opt. Params.
					CR-SPLIT=NO
					Special Reqs.
					Groups
					Pattern 1, Exps 1-1 i n Visit 62 (1)
					Exp. Time/[Actual Dur.]
					480 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 63 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 63, implementation Wed Oct 03 01:50:00 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(11)	MACSJ0051.6+2720	RA: 00 51 38.6200 (12.9109167d) Dec: +27 20 2.00 (27.33389d) Equinox: J2000		V=14.0+/-1.0
Exposures					
	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0051+27_81	(11) MACSJ0051.6+	ACS/WFC, ACCUM, WFC	F814W
	4		2720		
					CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 63 (1)
					480 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the timeline of Orbit 1. It starts with a GS Acq (Green Arrow) at approximately 250 seconds. This is followed by three exposures (Exp. 1, marked with green boxes and arrows) at approximately 400, 1100, and 1700 seconds. Two Pointing Maneuvers (indicated by vertical arrows) occur at approximately 1000 and 1700 seconds. A period of Unused Visibility (936 seconds) is shown as a green bar starting at approximately 2300 seconds. The orbit concludes with an Occultation period (indicated by a white bar) starting at approximately 3300 seconds. The timeline is marked with a scale from 0 to 5500 seconds.				

Proposal 12884 - Visit 64 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 64, implementation Wed Oct 03 01:50:00 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(12)	MACSJ0110.1+3211	RA: 01 10 7.3000 (17.5304167d) Dec: +32 10 48.50 (32.18014d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0110+32_81	(12) MACSJ0110.1+	ACS/WFC, ACCUM, WFC	F814W
Exposures	4		3211		
					CR-SPLIT=NO
Exposures					Special Reqs.
					Groups
Exposures					Exp. Time/[Actual Dur.]
					Orbit
Exposures					Pattern 1, Exps 1-1 i
					n Visit 64 (1)
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure	GS Acq. Exp. 1				
	Pointing Maneuver				
Orbit Structure	Exp. 1				
	Pointing Maneuver				
Orbit Structure	Exp. 1				
	Unused Visibility = 960				
Orbit Structure	Occultation				

Proposal 12884 - Visit 65 - A Snapshot Survey of The Most Massive Clusters of Galaxies

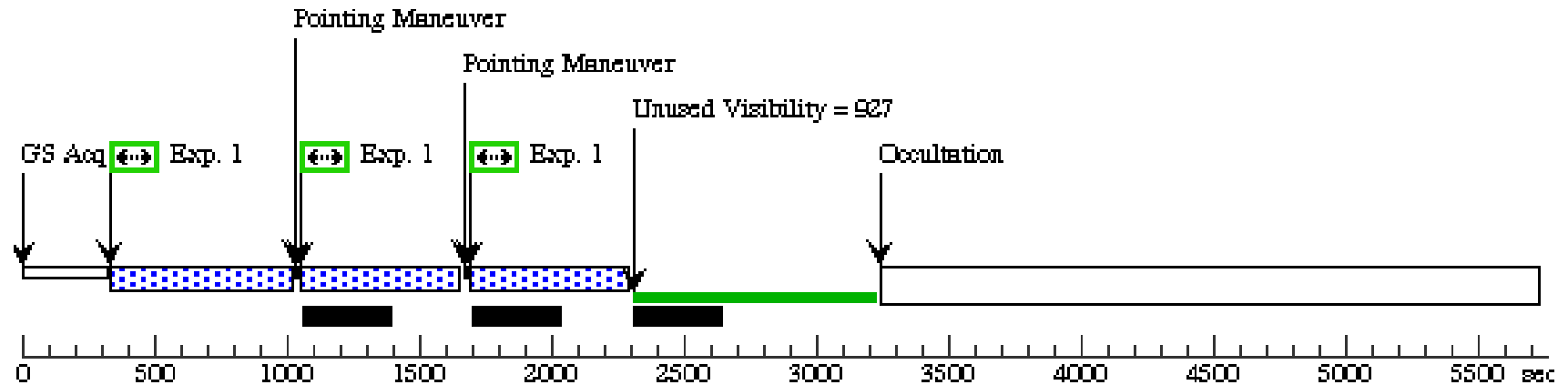
Visit	Proposal 12884, Visit 65, implementation Wed Oct 03 01:50:01 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(13)	MACSJ0111.5+0855	RA: 01 11 31.5700 (17.8815417d) Dec: +08 55 40.20 (8.92783d) Equinox: J2000		V=14.0+/-1.0
Exposures					
	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0111+08_81	(13) MACSJ0111.5+	ACS/WFC, ACCUM, WFC	F814W
	4	0855			
					CR-SPLIT=NO
					Special Reqs.
					Groups
					Exp. Time/[Actual Dur.]
					Orbit
					Pattern 1, Exps 1-1 i
					n Visit 65 (1)
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 66 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 66, implementation Wed Oct 03 01:50:02 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(14)	MACSJ0138.0-2155	RA: 01 38 3.8000 (24.5158333d) Dec: -21 55 33.00 (-21.92583d) Equinox: J2000		V=14.0+/-0.1
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0138-21_81	(14) MACSJ0138.0-2155	ACS/WFC, ACCUM, WFC	F814W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 66 (1)				
Exposures					Exp. Time/[Actual Dur.]
	480 Secs				
Exposures					Orbit
	[1]				

Orbit 1

Server Version: 20120802



Proposal 12884 - Visit 67 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 67, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:02 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(15)	MACSJ0140.0-0555	RA: 01 40 0.8600 (25.0035833d) Dec: -05 55 2.00 (-5.91722d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0140-05_81 4	(15) MACSJ0140.0- 0555	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 67 (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									
	The diagram illustrates the orbit structure for Orbit 1, spanning from 0 to 5500 seconds. Key events and durations are marked: GS Acq: Occurs at approximately 300 seconds. Exp. 1: Three exposures are shown, each lasting 480 seconds, occurring at approximately 400, 1100, and 1800 seconds. Pointing Maneuver: Two maneuvers are indicated, occurring at approximately 1000 and 1700 seconds. Unused Visibility = 916: A period of 916 seconds is marked as unused visibility, occurring between approximately 2300 and 3200 seconds. Occultation: A period of occultation is shown, occurring from approximately 3200 to 5500 seconds.									

Proposal 12884 - Visit 68 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 68, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:03 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(16)	MACSJ0140.0-3410	RA: 01 40 5.5600 (25.0231667d) Dec: -34 10 39.70 (-34.17769d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0140-34_81	(16) MACSJ0140.0-3410	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 68 (1)	480 Secs	
	4								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 69 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 69, implementation Wed Oct 03 01:50:04 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(17)	MACSJ0150.3-1005	RA: 01 50 21.1300 (27.5880417d) Dec: -10 05 30.30 (-10.09175d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0150-10_81	(17) MACSJ0150.3-1005	ACS/WFC, ACCUM, WFC	F814W
Exposures	4				CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 69 (1)
Exposures					Exp. Time/[Actual Dur.]
					480 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the orbit structure for Orbit 1 over a 5500-second period. Key events include: GS Acq: Ground Station Acquisition at approximately 250 seconds. Exp. 1: Three exposures, each lasting 480 seconds, occurring at approximately 400, 1100, and 1700 seconds. Pointing Maneuver: Two maneuvers, each lasting approximately 100 seconds, occurring at approximately 1000 and 1800 seconds. Unused Visibility: A period of 922 seconds, highlighted in green, occurring between approximately 2300 and 3200 seconds. Occultation: A period where the target is obscured, occurring from approximately 3200 to 5500 seconds.				

Proposal 12884 - Visit 70 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 70, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:04 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(18)	MACSJ0159.0-3412	RA: 01 59 3.9200 (29.7663333d) Dec: -34 13 5.10 (-34.21808d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0159-34_81	(18) MACSJ0159.0-3412	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 70 (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 71 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 71, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:05 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(19)	MACSJ0159.8-0849	RA: 01 59 49.3400 (29.9555833d) Dec: -08 49 58.20 (-8.83283d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0159-08_81 4	(19) MACSJ0159.8- 0849	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 71 (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									
	The diagram illustrates the orbit structure for Orbit 1, spanning from 0 to 5500 seconds. Key events and durations are marked: GS Acq: Green box at approximately 300 seconds. Exp. 1: Three exposures, each marked with a green box and labeled "Exp. 1". Pointing Maneuver: Two maneuvers indicated by vertical arrows. Unused Visibility = 916: A period of 916 seconds marked with a green bar. Occultation: A period marked with a black bar.									

Proposal 12884 - Visit 72 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 72, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:05 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(20)	MACSJ0242.5-2132	RA: 02 42 35.9100 (40.6496250d) Dec: -21 32 26.00 (-21.54056d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0242-21_81	(20) MACSJ0242.5-2132	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 72 (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									
	The diagram illustrates the orbit structure for Orbit 1 over a 5500-second timeline. Key events include: GS Acq: Green Spot Acquisition at approximately 300 seconds. Exp. 1: Three exposures, each lasting 480 seconds, occurring at approximately 400, 1100, and 1700 seconds. Pointing Maneuvers: Two maneuvers, each lasting approximately 100 seconds, occurring at approximately 1000 and 1800 seconds. Unused Visibility = 927: A period of 927 seconds where the target is visible but not observed, occurring from approximately 2300 to 3227 seconds. Occultation: A period where the target is obscured by the Earth's limb, occurring from approximately 3227 to 5500 seconds.									

Proposal 12884 - Visit 73 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 73, scheduling Wed Oct 03 01:50:06 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(22)	MACSJ0308.9+2645	RA: 03 08 56.0800 (47.2336667d) Dec: +26 45 36.90 (26.76025d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
					Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0308+26_81	(22) MACSJ0308.9+	ACS/WFC, ACCUM, WFC	F814W
Exposures	4		2645		
					CR-SPLIT=NO
Exposures					Special Reqs.
					Groups
Exposures					Exp. Time/[Actual Dur.]
					Orbit
Exposures					Pattern 1, Exps 1-1 i
					n Visit 73 (1)
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure					Server Version: 20120802
					Orbit 1
Orbit Structure					Pointing Maneuver
					Pointing Maneuver
Orbit Structure					Unused Visibility = 936
					Occultation
Orbit Structure					GS Acq
					Exp. 1
Orbit Structure					Exp. 1
					Exp. 1
Orbit Structure					0
					500
Orbit Structure					1000
					1500
Orbit Structure					2000
					2500
Orbit Structure					3000
					3500
Orbit Structure					4000
					4500
Orbit Structure					5000
					5500 sec

Proposal 12884 - Visit 75 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 75, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:07 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(25)	MACSJ0404.2-2703	RA: 04 04 18.7700 (61.0782083d) Dec: -27 03 4.50 (-27.05125d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0404-27_81	(25) MACSJ0404.2-2703	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 75 (1)	480 Secs	
	4								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 76 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 76, implementation Wed Oct 03 01:50:08 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(26)	MACSJ0404.6+1109	RA: 04 04 33.7400 (61.1405833d) Dec: +11 07 53.00 (11.13139d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0404+11_81	(26) MACSJ0404.6+	ACS/WFC, ACCUM, WFC	F814W
Exposures	4		1109		
	CR-SPLIT=NO				
Exposures	Special Reqs.				
	Groups				
Exposures	Exp. Time/[Actual Dur.]				
	Orbit				
Exposures	Pattern 1, Exps 1-1 i				
	n Visit 76 (1)				
Exposures	480 Secs				
	[==>(Pattern 1)]				
Exposures	[==>(Pattern 2)]				
	[==>(Pattern 3)]				
Exposures	[1]				
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure	The diagram illustrates the timeline for Orbit 1, spanning from 0 to 5500 seconds. Key events include: GS Acq: Ground Station Acquisition at the start of the timeline. Exp. 1: Three exposures, each lasting 480 seconds, occurring at approximately 400, 1100, and 1700 seconds. Pointing Maneuver: Two maneuvers, each lasting approximately 100 seconds, occurring at approximately 1000 and 1800 seconds. Unused Visibility = 922: A period of 922 seconds where the target is visible but not observed, occurring between 2300 and 3222 seconds. Occultation: A period where the target is obscured, occurring from approximately 3222 to 5500 seconds.				

Proposal 12884 - Visit 77 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 77, implementation Wed Oct 03 01:50:09 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(28)	MACSJ0449.3-2848	RA: 04 49 20.8300 (72.3367917d) Dec: -28 49 8.80 (-28.81911d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0449-28_81	(28) MACSJ0449.3-2848	ACS/WFC, ACCUM, WFC	F814W
Exposures	4				CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 77 (1)
Exposures					Exp. Time/[Actual Dur.]
					480 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the orbit structure over a 5500-second period. Key events include: GS Acq: Ground Station Acquisition at approximately 250 seconds. Exp. 1: Three exposures, each lasting 480 seconds, occurring at approximately 400, 1100, and 1700 seconds. Pointing Maneuver: Two maneuvers occurring between exposures at approximately 1000 and 1800 seconds. Unused Visibility = 936: A period of 936 seconds where the target is visible but not observed, occurring between 2300 and 3236 seconds. Occultation: A period where the target is behind the Sun, occurring from approximately 3236 to 5500 seconds.				

Proposal 12884 - Visit 78 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 78, implementation Wed Oct 03 01:50:09 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(29)	MACSJ0455.2+0657	RA: 04 55 17.4600 (73.8227500d) Dec: +06 57 47.30 (6.96314d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0455+06_81	(29) MACSJ0455.2+	ACS/WFC, ACCUM, WFC	F814W
Exposures	4	0657			
					CR-SPLIT=NO
Exposures					Special Reqs.
					Groups
Exposures					Exp. Time/[Actual Dur.]
					Orbit
Exposures					Pattern 1, Exps 1-1 i
					n Visit 78 (1)
Exposures					480 Secs
					[==>(Pattern 1)]
Exposures					[==>(Pattern 2)]
					[==>(Pattern 3)]
Exposures					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 916 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 79 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 79, implementation Wed Oct 03 01:50:10 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(30)	MACSJ0510.4+0220	RA: 05 10 28.9000 (77.6204167d) Dec: +02 20 51.00 (2.34750d) Equinox: J2000		V=14.0+/-0.1
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0510+02_81	(30) MACSJ0510.4+	ACS/WFC, ACCUM, WFC	F814W
Exposures	4	0220			
	CR-SPLIT=NO				
Exposures	Special Reqs.				
	Groups				
Exposures	Exp. Time/[Actual Dur.]				
	Orbit				
Exposures	Pattern 1, Exps 1-1 i				
	n Visit 79 (1)				
Exposures	480 Secs				
	[==>(Pattern 1)]				
Exposures	[==>(Pattern 2)]				
	[==>(Pattern 3)]				
Exposures	[1]				
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure	GS Acq. Exp. 1				
	Pointing Maneuver				
Orbit Structure	Exp. 1				
	Pointing Maneuver				
Orbit Structure	Exp. 1				
	Unused Visibility = 912				
Orbit Structure	Occultation				

Proposal 12884 - Visit 80 - A Snapshot Survey of The Most Massive Clusters of Galaxies

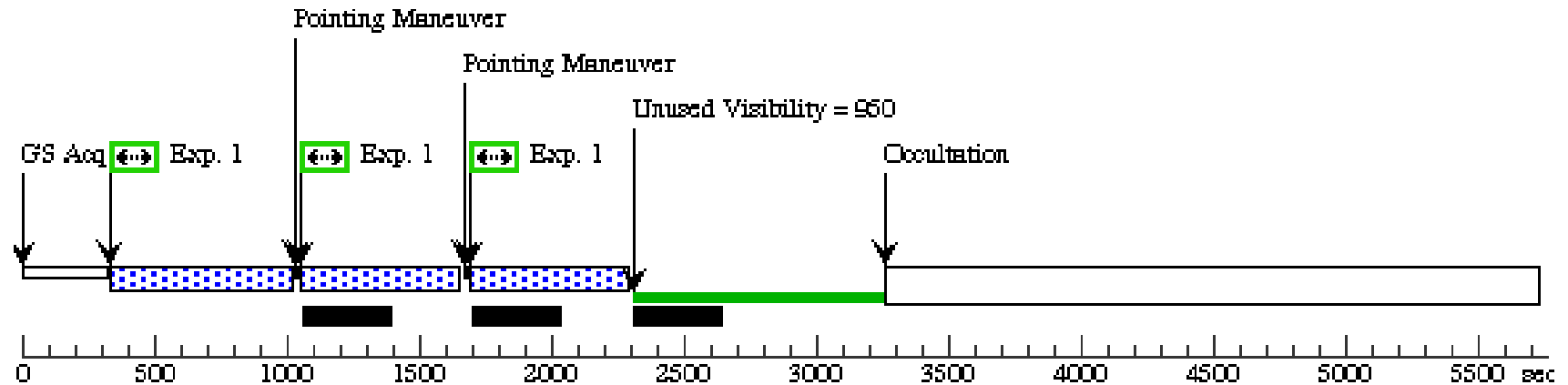
Visit	Proposal 12884, Visit 80, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:11 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(31)	MACSJ0520.7-1328	RA: 05 20 41.9900 (80.1749583d) Dec: -13 28 47.60 (-13.47989d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0520-13	(31) MACSJ0520.7-1328	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 80 (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 81 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 81, implementation Wed Oct 03 01:50:11 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(33)	MACSJ0529.7-3145	RA: 05 29 45.6400 (82.4401667d) Dec: -31 46 0.00 (-31.76667d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0529-31_81	(33) MACSJ0529.7-3145	ACS/WFC, ACCUM, WFC	F814W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 i n Visit 81 (1)				
Exposures					Exp. Time/[Actual Dur.]
	480 Secs				
Exposures					Orbit
	[1]				

Orbit 1

Server Version: 20120802



Proposal 12884 - Visit 82 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 82, implementation Wed Oct 03 01:50:12 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(36)	MACSJ0600.1-2008	RA: 06 00 9.3000 (90.0387500d) Dec: -20 08 19.00 (-20.13861d) Equinox: J2000		V=14.0+/-0.1
Exposures					Miscellaneous
					Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0600-20_81	(36) MACSJ0600.1-2008	ACS/WFC, ACCUM, WFC	F814W
Exposures					Opt. Params.
					CR-SPLIT=NO
Exposures					Special Reqs.
Exposures					Groups
					Pattern 1, Exps 1-1 i n Visit 82 (1)
Exposures					Exp. Time/[Actual Dur.]
					480 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure					Orbit
Orbit Structure					Server Version: 20120802
Orbit Structure					Orbit 1
Orbit Structure					Pointing Maneuver
Orbit Structure					Pointing Maneuver
Orbit Structure					Unused Visibility = 927
Orbit Structure					Occultation
Orbit Structure					GS Acq
Orbit Structure					Exp. 1
Orbit Structure					Exp. 1
Orbit Structure					Exp. 1
Orbit Structure					0
Orbit Structure					500
Orbit Structure					1000
Orbit Structure					1500
Orbit Structure					2000
Orbit Structure					2500
Orbit Structure					3000
Orbit Structure					3500
Orbit Structure					4000
Orbit Structure					4500
Orbit Structure					5000
Orbit Structure					5500 sec

Proposal 12884 - Visit 83 - A Snapshot Survey of The Most Massive Clusters of Galaxies

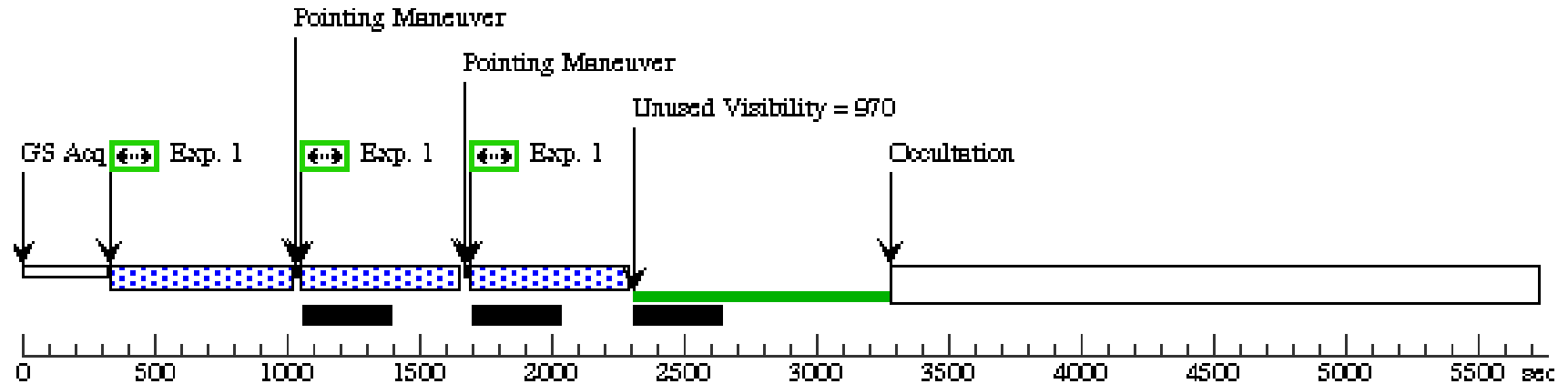
Visit	Proposal 12884, Visit 83, implementation Wed Oct 03 01:50:13 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(37)	MACSJ0611.8-3036	RA: 06 11 48.4400 (92.9518333d) Dec: -30 37 23.90 (-30.62331d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
					Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0611-30_81	(37) MACSJ0611.8-3036	ACS/WFC, ACCUM, WFC	F814W
Exposures					Opt. Params.
					CR-SPLIT=NO
Exposures					Special Reqs.
Exposures					Groups
					Pattern 1, Exps 1-1 i n Visit 83 (1)
Exposures					Exp. Time/[Actual Dur.]
					480 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure					Orbit
Orbit Structure					Server Version: 20120802
Orbit Structure					Orbit 1
Orbit Structure					Pointing Maneuver
Orbit Structure					Pointing Maneuver
Orbit Structure					Unused Visibility = 960
Orbit Structure					Occultation
Orbit Structure					GS Acq
Orbit Structure					Exp. 1
Orbit Structure					Exp. 1
Orbit Structure					Exp. 1
Orbit Structure					0
Orbit Structure					500
Orbit Structure					1000
Orbit Structure					1500
Orbit Structure					2000
Orbit Structure					2500
Orbit Structure					3000
Orbit Structure					3500
Orbit Structure					4000
Orbit Structure					4500
Orbit Structure					5000
Orbit Structure					5500 sec

Proposal 12884 - Visit 84 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 84, implementation Wed Oct 03 01:50:13 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(39)	MACSJ0850.1+3604	RA: 08 50 7.6800 (132.5320000d) Dec: +36 04 17.10 (36.07142d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
					Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0850+36_81	(39) MACSJ0850.1+	ACS/WFC, ACCUM, WFC	F814W
Exposures	4		3604		
					CR-SPLIT=NO
Exposures					Special Reqs.
					Groups
Exposures					Exp. Time/[Actual Dur.]
					Orbit
Exposures					Pattern 1, Exps 1-1 i
					n Visit 84 (1)
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure					

Orbit 1

Server Version: 20120802



Proposal 12884 - Visit 85 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 85, scheduling Wed Oct 03 01:50:14 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(40)	MACSJ0913.7+4056	RA: 09 13 45.6100 (138.4400417d) Dec: +40 56 26.90 (40.94081d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0913+40_81	(40) MACSJ0913.7+	ACS/WFC, ACCUM, WFC	F814W
Exposures	4	4056			
	CR-SPLIT=NO				
Exposures	Special Reqs.				
	Groups				
Exposures	Exp. Time/[Actual Dur.]				
	Orbit				
Exposures	Pattern 1, Exps 1-1 i				
	n Visit 85 (1)				
Exposures	480 Secs				
	[==>(Pattern 1)]				
Exposures	[==>(Pattern 2)]				
	[==>(Pattern 3)]				
Exposures	[1]				
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure	The diagram illustrates the timeline of Orbit 1. It starts with a 'GS Acq' segment, followed by three 'Exp. 1' exposures (each marked with a green box and a star icon). These are separated by 'Pointing Maneuvers' (indicated by vertical arrows). After the third exposure, there is a segment labeled 'Unused Visibility = 1016'. The timeline ends with an 'Occultation' segment. The x-axis is labeled in seconds (sec) from 0 to 5500.				

Proposal 12884 - Visit 86 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 86, implementation Wed Oct 03 01:50:14 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(41)	MACSJ0940.9+0744	RA: 09 40 52.5000 (145.2187500d) Dec: +07 44 25.30 (7.74036d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
					Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0940+07_81	(41) MACSJ0940.9+	ACS/WFC, ACCUM, WFC	F814W
Exposures	4	0744			
					CR-SPLIT=NO
Exposures					Special Reqs.
					Groups
Exposures					Exp. Time/[Actual Dur.]
					Orbit
Exposures					Pattern 1, Exps 1-1 i
					n Visit 86 (1)
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the orbit structure over a 5500-second period. Key events include: GS Acq: Green Start Acquisition at approximately 250 seconds. Exp. 1: Three exposures marked with green boxes and arrows at approximately 400, 1100, and 1700 seconds. Pointing Maneuver: Two maneuvers indicated by vertical arrows at approximately 1100 and 1700 seconds. Unused Visibility = 916: A period of 916 seconds of unused visibility starting at approximately 2300 seconds. Occultation: A period of occultation starting at approximately 3200 seconds.				

Proposal 12884 - Visit 87 - A Snapshot Survey of The Most Massive Clusters of Galaxies

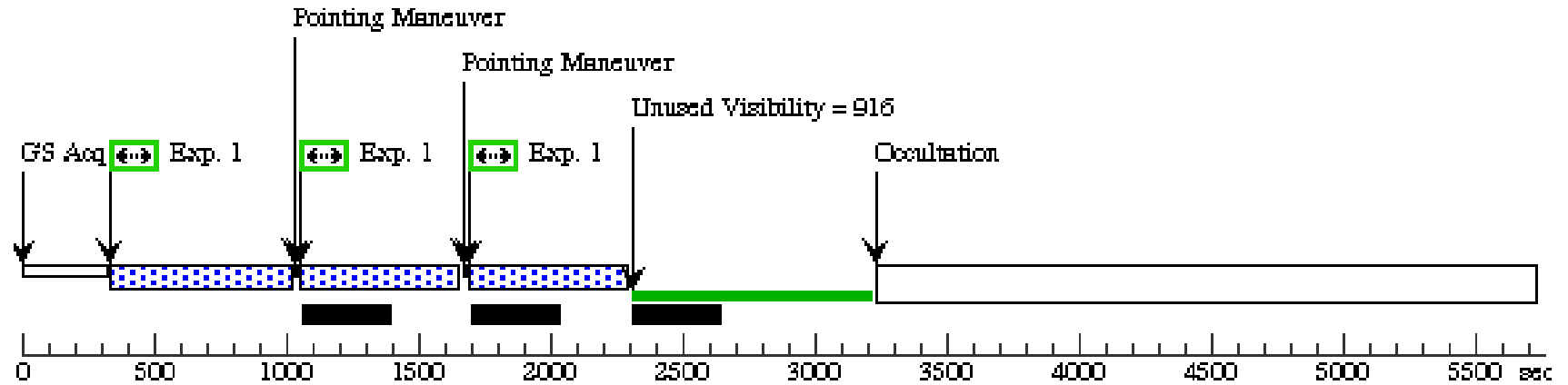
Visit	Proposal 12884, Visit 87, scheduling Wed Oct 03 01:50:15 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(44)	MACSJ1105.7-1014	RA: 11 05 46.8700 (166.4452917d) Dec: -10 14 45.20 (-10.24589d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1105-10_81	(44) MACSJ1105.7-1014	ACS/WFC, ACCUM, WFC	F814W
Exposures	4				CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 87 (1)
Exposures					Exp. Time/[Actual Dur.]
					480 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the timeline of Orbit 1. It starts with a GS Acq (green box) at approximately 300 seconds, followed by Exp. 1 (green box) at 400 seconds. A Pointing Maneuver (black bar) occurs at 1000 seconds, followed by another Exp. 1 (green box) at 1100 seconds. A second Pointing Maneuver (black bar) occurs at 1700 seconds, followed by a third Exp. 1 (green box) at 1800 seconds. A third Pointing Maneuver (black bar) occurs at 2300 seconds, followed by a green bar labeled 'Unused Visibility = 922' at 2400 seconds. Finally, an Occultation (white bar) begins at 3200 seconds and continues until the end of the orbit at 5500 seconds. The background of the timeline is a blue and white checkered pattern.				

Proposal 12884 - Visit 88 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 88, implementation Wed Oct 03 01:50:16 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(45)	MACSJ1108.8+0906	RA: 11 08 55.4500 (167.2310417d) Dec: +09 06 0.40 (9.10011d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
					Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1108+09_81	(45) MACSJ1108.8+	ACS/WFC, ACCUM, WFC	F814W
Exposures	4	0906			
					CR-SPLIT=NO
Exposures					Special Reqs.
					Groups
Exposures					Exp. Time/[Actual Dur.]
					Orbit
Exposures					Pattern 1, Exps 1-1 i
					n Visit 88 (1)
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure					

Orbit 1

Server Version: 20120802



Proposal 12884 - Visit 89 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 89, scheduling										Wed Oct 03 01:50:16 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(46)	MACSJ1124.5+4351	RA: 11 24 30.5000 (171.1270833d) Dec: +43 51 31.50 (43.85875d) Equinox: J2000				V=14.0+/-0.1		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1124+43_81	(46) MACSJ1124.5+	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	480 Secs	
	4	4351	4351						n Visit 89 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1										Server Version: 20120802
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1016 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec										

Proposal 12884 - Visit 90 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 90, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:17 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(47)	MACSJ1131.8-1955	RA: 11 31 54.1800 (172.9757500d) Dec: -19 55 5.00 (-19.91806d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1131-19_81	(47) MACSJ1131.8-1955	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 90 (1)	480 Secs	
	4								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 91 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 91, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:18 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(49)	MACSJ1141.6-1905	RA: 11 41 40.8200 (175.4200833d) Dec: -19 05 18.10 (-19.08836d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1141-19_81	(49) MACSJ1141.6-1905	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 91 (1)	480 Secs	
	4								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									
	The diagram illustrates the orbit structure over a 5500-second period. Key events include: GS Acq: Green box with a star icon at approximately 300 seconds. Exp. 1: Three exposures, each marked with a green box and a star icon, occurring at approximately 400, 1100, and 1700 seconds. Pointing Maneuver: Two maneuvers indicated by vertical arrows at approximately 1000 and 1700 seconds. Unused Visibility = 927: A period of 927 seconds marked with a green bar, starting at approximately 2300 seconds. Occultation: A period marked with a white bar, starting at approximately 3300 seconds.									
	A horizontal timeline axis from 0 to 5500 seconds, with major tick marks every 500 seconds. The axis is labeled 'sec' at the end.									

Proposal 12884 - Visit 92 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:50:18 GMT 2012

Visit	Proposal 12884, Visit 92, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true							(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections	Fluxes		Miscellaneous		
	(50)	MACSJ1218.4+4012	RA: 12 18 27.4400 (184.6143333d) Dec: +40 13 0.30 (40.21675d) Equinox: J2000			V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config.Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1 4	1218+40_81 4012	(50) MACSJ1218.4+	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 92 (1)	480 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]

Orbit 1 **Server Version: 20120802**

The timeline shows the following sequence of events:

- GS Acq**: Green box at approximately 300s.
- Exp. 1**: Three green boxes labeled "Exp. 1" at approximately 400s, 1100s, and 1700s.
- Pointing Maneuver**: Two arrows pointing down at approximately 1000s and 1600s.
- Unused Visibility = 1016**: Label above a gap in the timeline between 2300s and 3300s.
- Occultation**: Arrow pointing down at approximately 3300s.

The timeline axis ranges from 0 to 5500 seconds with major ticks every 500 seconds. The main observation period is represented by a blue checkered bar from ~300s to ~2300s. A solid red bar follows from ~2300s to ~3300s. Black bars indicate gaps or specific instrument states during the observation periods.

Proposal 12884 - Visit 94 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 94, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:19 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(55)	MACSJ1305.9+2630	RA: 13 05 58.9200 (196.4955000d) Dec: +26 30 47.10 (26.51308d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1305+26_81	(55) MACSJ1305.9+2630	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 94 (1)	480 Secs	
	4								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure over a 5500-second period. Key events include: GS Acq: Green box at approximately 300s. Exp. 1: Three exposures marked with green boxes at approximately 400s, 1100s, and 1700s. Pointing Maneuver: Two maneuvers indicated by vertical arrows at approximately 1000s and 1600s. Unused Visibility = 936: A period of 936 seconds marked with a green bar between approximately 2300s and 3200s. Occultation: A period marked with a white box starting at approximately 3300s and ending at 5500s. The timeline is marked with ticks every 500 seconds from 0 to 5500.									

Proposal 12884 - Visit 95 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 95, implementation Wed Oct 03 01:50:20 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(56)	MACSJ1322.8+3138	RA: 13 22 48.8100 (200.7033750d) Dec: +31 39 16.80 (31.65467d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1322+31_81	(56) MACSJ1322.8+	ACS/WFC, ACCUM, WFC	F814W
Exposures	4		3138		
	CR-SPLIT=NO				
Exposures	Special Reqs.				
	Groups				
Exposures	Exp. Time/[Actual Dur.]				
	Orbit				
Exposures	Pattern 1, Exps 1-1 i				
	n Visit 95 (1)				
Exposures	480 Secs				
	[==>(Pattern 1)]				
Exposures	[==>(Pattern 2)]				
	[==>(Pattern 3)]				
Exposures	[1]				
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure	GS Acq. Exp. 1				
	Pointing Maneuver				
Orbit Structure	Exp. 1				
	Pointing Maneuver				
Orbit Structure	Exp. 1				
	Unused Visibility = 960				
Orbit Structure	Occultation				

Proposal 12884 - Visit 96 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 96, scheduling Wed Oct 03 01:50:21 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(57)	MACSJ1328.2+5244	RA: 13 28 15.2000 (202.063333d) Dec: +52 44 4.50 (52.73458d) Equinox: J2000		V=14.0+/-0.1
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1328+52_81	(57) MACSJ1328.2+	ACS/WFC, ACCUM, WFC	F814W
Exposures	4	4	5244		
	CR-SPLIT=NO				
Exposures	Special Reqs.				
	Groups				
Exposures	Exp. Time/[Actual Dur.]				
	Orbit				
Exposures	Pattern 1, Exps 1-1 i				
	n Visit 96 (1)				
Exposures	480 Secs				
	[==>(Pattern 1)]				
Exposures	[==>(Pattern 2)]				
	[==>(Pattern 3)]				
Exposures	[1]				
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure					
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 97 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 97, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:21 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(58)	MACSJ1359.1-1929	RA: 13 59 10.3900 (209.7932917d) Dec: -19 29 25.10 (-19.49031d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1359-19_81	(58) MACSJ1359.1-1929	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 97 (1)	480 Secs	
	4								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 98 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 98, implementation Wed Oct 03 01:50:22 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(59)	MACSJ1427.2+4407	RA: 14 27 16.1500 (216.8172917d) Dec: +44 07 31.10 (44.12531d) Equinox: J2000		V=14.0+/-1.0
Exposures					
	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1427+44_81	(59) MACSJ1427.2+	ACS/WFC, ACCUM, WFC	F814W
	4	4407			
					CR-SPLIT=NO
					Special Reqs.
					Groups
					Exp. Time/[Actual Dur.]
					Orbit
					Pattern 1, Exps 1-1 i n Visit 98 (1)
					480 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 99 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 99, implementation										Wed Oct 03 01:50:23 GMT 2012	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/WFC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(60)	MACSJ1427.6-2521	RA: 14 27 39.5200 (216.9146667d) Dec: -25 21 3.10 (-25.35086d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	1427-25_814	(60) MACSJ1427.6-2521	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 99 (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1											Server Version: 20120802

Proposal 12884 - Visit 0A - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0A, scheduling					Wed Oct 03 01:50:23 GMT 2012					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(61)	MACSJ1447.4+0827	RA: 14 47 26.0000 (221.8583333d) Dec: +08 28 25.50 (8.47375d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	1447+08_814	(61) MACSJ1447.4+0827	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 0A (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1										
	Server Version: 20120802										

Proposal 12884 - Visit 0B - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0B, scheduling										Wed Oct 03 01:50:24 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(63)	MACSJ1526.7+1647	RA: 15 26 42.7300 (231.6780417d) Dec: +16 47 37.80 (16.79383d) Equinox: J2000					V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1526+16_81	(63) MACSJ1526.7+	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	480 Secs	
	4	1647	1647						n Visit 0B (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1										Server Version: 20120802

Proposal 12884 - Visit 0C - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0C, implementation Wed Oct 03 01:50:25 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(64)	MACSJ1551.9-0207	RA: 15 51 58.4600 (237.9935833d) Dec: -02 07 52.00 (-2.13111d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1551-02_81	(64) MACSJ1551.9-0207	ACS/WFC, ACCUM, WFC	F814W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 i n Visit 0C (1)				
Exposures					Exp. Time/[Actual Dur.]
	480 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 0D - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0D, implementation Wed Oct 03 01:50:25 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(66)	MACSJ1625.7-0830	RA: 16 25 45.9300 (246.4413750d) Dec: -08 30 54.20 (-8.51506d) Equinox: J2000		V=14.0+/-1.0
Exposures					
	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1625-08_81	(66) MACSJ1625.7-0830	ACS/WFC, ACCUM, WFC	F814W
					Opt. Params.
					CR-SPLIT=NO
					Special Reqs.
					Groups
					Pattern 1, Exps 1-1 i n Visit 0D (1)
					Exp. Time/[Actual Dur.]
					480 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure					
	Orbit 1 Server Version: 20120802				

Proposal 12884 - Visit 0E - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0E, scheduling										Wed Oct 03 01:50:26 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(69)	MACSJ1752.0+4440	RA: 17 51 59.0000 (267.9958333d) Dec: +44 39 40.00 (44.66111d) Equinox: J2000					V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1752+44_81	(69) MACSJ1752.0+	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	480 Secs	
	4	4440	4440						n Visit 0E (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1										Server Version: 20120802
	The diagram illustrates the timeline for Orbit 1, spanning from 0 to 5500 seconds. Key events include: GS Acq: Ground Station Acquisition at approximately 250 seconds. Exp. 1: Three exposures, each lasting 480 seconds, occurring at approximately 400, 1100, and 1700 seconds. Pointing Maneuvers: Two maneuvers, each lasting approximately 100 seconds, occurring at approximately 1000 and 1800 seconds. Unused Visibility: A period of approximately 1016 seconds, occurring between 2300 and 3300 seconds. Occultation: A period of approximately 2200 seconds, occurring from 3300 to 5500 seconds.										

Proposal 12884 - Visit 0F - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0F, scheduling										Wed Oct 03 01:50:26 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(70)	MACSJ1806.8+2931	RA: 18 06 52.4300 (271.7184583d) Dec: +29 30 12.80 (29.50356d) Equinox: J2000					V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1806+29_81	(70) MACSJ1806.8+	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	480 Secs	
	4		2931						n Visit 0F (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1										Server Version: 20120802

Proposal 12884 - Visit 0G - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0G, implementation Wed Oct 03 01:50:27 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(71)	MACSJ2003.4-2322	RA: 20 03 31.2000 (300.8800000d) Dec: -23 24 0.00 (-23.40000d) Equinox: J2000		V=14.0+/-1.0
Exposures					
	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2003-23_81	(71) MACSJ2003.4-2322	ACS/WFC, ACCUM, WFC	F814W
					Opt. Params.
					CR-SPLIT=NO
					Special Reqs.
					Groups
					Pattern 1, Exps 1-1 i n Visit 0G (1)
					Exp. Time/[Actual Dur.]
					480 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure					
	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure for Orbit 1. The timeline starts at 0 seconds and ends at 5500 seconds. Key events include: GS Acq (Green Arrow) at approximately 300 seconds. Exp. 1 (Green Box) from approximately 300 to 1000 seconds. Pointing Maneuver (Arrow) at approximately 1000 seconds. Exp. 1 (Green Box) from approximately 1000 to 1700 seconds. Pointing Maneuver (Arrow) at approximately 1700 seconds. Exp. 1 (Green Box) from approximately 1700 to 2400 seconds. Unused Visibility = 927 (Green Bar) from approximately 2400 to 3300 seconds. Occultation (Arrow) at approximately 3300 seconds.				

Proposal 12884 - Visit 0H - A Snapshot Survey of The Most Massive Clusters of Galaxies

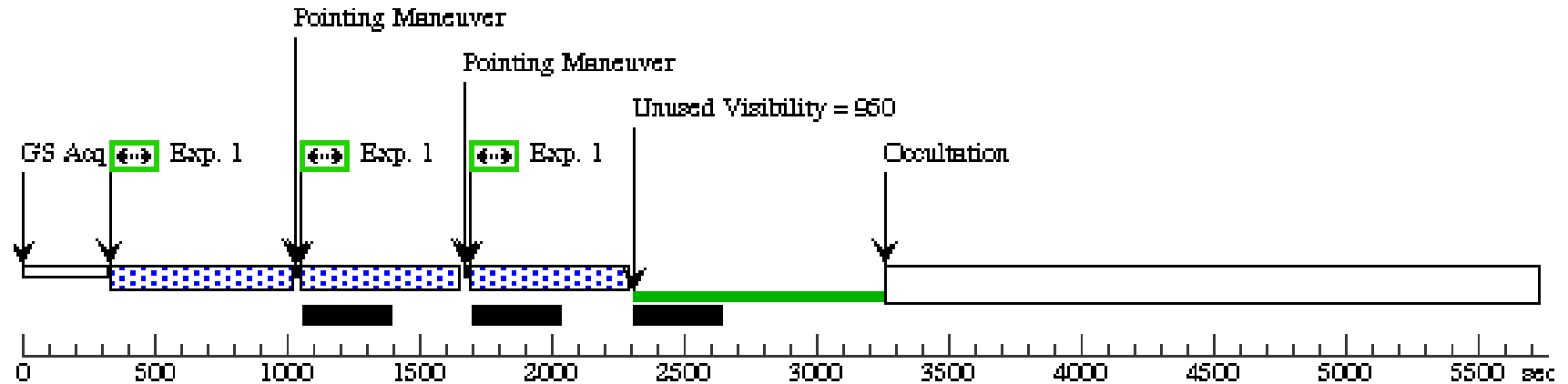
Visit	Proposal 12884, Visit 0H, implementation Wed Oct 03 01:50:28 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(72)	MACSJ2046.0-3430	RA: 20 46 0.5900 (311.5024583d) Dec: -34 30 18.90 (-34.50525d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2046-34_81	(72) MACSJ2046.0-3430	ACS/WFC, ACCUM, WFC	F814W
					Opt. Params.
					CR-SPLIT=NO
					Special Reqs.
					Groups
					Pattern 1, Exps 1-1 i n Visit 0H (1)
					Exp. Time/[Actual Dur.]
					480 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 960 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 0I - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0I, implementation Wed Oct 03 01:50:28 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(73)	MACSJ2049.9-3217	RA: 20 49 55.8700 (312.4827917d) Dec: -32 16 48.40 (-32.28011d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2049-32_81	(73) MACSJ2049.9-3217	ACS/WFC, ACCUM, WFC	F814W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 i				
Exposures					Exp. Time/[Actual Dur.]
	480 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					

Orbit 1

Server Version: 20120802



Proposal 12884 - Visit 0J - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0J, scheduling										Wed Oct 03 01:50:29 GMT 2012	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/WFC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(74)	MACSJ2050.7+0123	RA: 20 50 43.1700 (312.6798750d) Dec: +01 23 28.30 (1.39119d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit	
	1	2050+01_81 4	(74) MACSJ2050.7+ 0123	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 0J (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20120802

Proposal 12884 - Visit 0K - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0K, scheduling										Wed Oct 03 01:50:30 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(75)	MACSJ2051.1+0215	RA: 20 51 10.8600 (312.7952500d) Dec: +02 16 3.60 (2.26767d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2051+02_81	(75) MACSJ2051.1+	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	480 Secs	
	4		0215						n Visit 0K (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1										Server Version: 20120802

Proposal 12884 - Visit 0L - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0L, implementation Wed Oct 03 01:50:30 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(77)	MACSJ2134.6-2706	RA: 21 34 35.9900 (323.6499583d) Dec: -27 05 56.00 (-27.09889d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2134-27_81	(77) MACSJ2134.6-2706	ACS/WFC, ACCUM, WFC	F814W
Exposures	4				CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 0L (1)
Exposures					Exp. Time/[Actual Dur.]
					480 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure					
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 0M - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0M, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:31 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(78)	MACSJ2135.2-0102	RA: 21 35 12.0900 (323.8003750d) Dec: -01 02 57.20 (-1.04922d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2135-01_81	(78) MACSJ2135.2-0102	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 0M (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 0N - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0N, scheduling										Wed Oct 03 01:50:31 GMT 2012												
	Diagnostic Status: No Diagnostics																						
	Scientific Instruments: ACS/WFC																						
	Special Requirements: (none)																						
Patterns	#	Primary Pattern										Secondary Pattern										Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true																				(1)	
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous							
	(79)	MACSJ2149.3+0951		RA: 21 49 22.0000 (327.3416667d) Dec: +09 51 10.00 (9.85278d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS							
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit					
	1	2149+09_81	(79) MACSJ2149.3+	ACS/WFC, ACCUM, WFC				F814W		CR-SPLIT=NO				Pattern 1, Exps 1-1 i		480 Secs							
	4	0951	0951											n Visit 0N (1)		[==>(Pattern 1)]							
																[==>(Pattern 2)]		[1]					
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1, spanning from 0 to 5500 seconds. Key events and segments are marked as follows: GS Acq: Occurs at the beginning of the timeline (around 0-500s). Exp. 1: Three exposure segments are shown, each represented by a green box with a crosshair icon, occurring at approximately 500s, 1100s, and 1700s. Pointing Maneuver: Two maneuver segments are indicated by vertical arrows, occurring between the exposure segments. Unused Visibility = 916: A segment of the timeline is labeled with this value, occurring after the second exposure. Occultation: A long segment at the end of the timeline (starting around 3200s) is labeled as an occultation period.																						

Proposal 12884 - Visit 00 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 00, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:32 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(81)	MACSJ2211.7-0349	RA: 22 11 45.9500 (332.9414583d) Dec: -03 49 45.20 (-3.82922d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2211-03_81	(81) MACSJ2211.7-0349	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 00 (1)	480 Secs	
	4								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 0P - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0P, implementation										Wed Oct 03 01:50:33 GMT 2012																																							
	Diagnostic Status: No Diagnostics																																																	
	Scientific Instruments: ACS/WFC																																																	
	Special Requirements: (none)																																																	
Patterns	#	Primary Pattern										Secondary Pattern										Exposures																												
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=										Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true																				(1)																		
Fixed Targets	#	Name					Target Coordinates					Targ. Coord. Corrections					Fluxes					Miscellaneous																												
	(82)	MACSJ2228.5+2036					RA: 22 28 33.8200 (337.1409167d) Dec: +20 37 15.60 (20.62100d) Equinox: J2000										V=14.0+/-1.0					Reference Frame: ICRS																												
Exposures	#	Label		Target		Config,Mode,Aperture					Spectral Els.					Opt. Params.					Special Reqs.					Groups					Exp. Time/[Actual Dur.]					Orbit														
	1	2228+20_81		(82) MACSJ2228.5+		ACS/WFC, ACCUM, WFC					F814W					CR-SPLIT=NO										Pattern 1, Exps 1-1 i					480 Secs																			
	4			2036																						n Visit 0P (1)					[==>(Pattern 1)]																			
																															[==>(Pattern 2)]					[1]														
Orbit Structure	Orbit 1																									Server Version: 20120802																								
	The diagram illustrates the orbit structure over a 5500-second period. Key events include: GS Acq: Ground Station Acquisition at approximately 250 seconds. Exp. 1: Three exposures, each lasting 480 seconds, occurring at approximately 400, 1100, and 1700 seconds. Pointing Maneuver: Two maneuvers, each lasting approximately 100 seconds, occurring at approximately 1000 and 1800 seconds. Unused Visibility = 927: A period of 927 seconds where the target is visible but not observed, occurring from approximately 2300 to 3227 seconds. Occultation: A period where the target is behind the Sun, occurring from approximately 3227 to 5500 seconds.																																																	

Proposal 12884 - Visit 0Q - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:50:33 GMT 2012

Visit	Proposal 12884, Visit 0Q, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(83)	MACSJ2229.7-2755	RA: 22 29 47.0000 (337.4458333d) Dec: -27 55 20.00 (-27.92222d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config.Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2229-27_814	(83) MACSJ2229.7-2755	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 0Q (1)	480 Secs	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]

Orbit 1 **Server Version: 20120802**

The diagram illustrates the orbit structure for Orbit 1, plotting time in seconds from 0 to 5500. Key features include:

- Pointing Maneuver:** Indicated by vertical arrows at approximately 1000s and 1700s.
- GS Acq:** Green box icon at ~300s.
- Exp. 1:** Three green boxes representing exposures at ~350s, ~1050s, and ~1750s.
- Unused Visibility = 936:** A green bar segment between ~2300s and ~3200s.
- Occultation:** A long white rectangular area starting at ~3250s and ending at ~5500s.
- Background:** The timeline is filled with a blue checkered pattern, except for black bars during pointing maneuvers and the occultation period.

Proposal 12884 - Visit 0S - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0S, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:35 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(85)	MACSJ2243.3-0935	RA: 22 43 20.2200 (340.8342500d) Dec: -09 35 26.90 (-9.59081d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2243-09_81	(85) MACSJ2243.3-0935	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 0S (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									
	The diagram illustrates the orbit structure for Orbit 1, spanning from 0 to 5500 seconds. Key events and durations are marked: GS Acq: Occurs at approximately 250 seconds. Exp. 1: Three exposures are shown, each lasting 480 seconds, occurring at approximately 400, 1100, and 1700 seconds. Pointing Maneuver: Two maneuvers are indicated, occurring at approximately 1000 and 1700 seconds. Unused Visibility = 916: A period of 916 seconds is marked as unused visibility, occurring between approximately 2300 and 3200 seconds. Occultation: A period of occultation is shown, occurring from approximately 3200 to 5500 seconds.									

Proposal 12884 - Visit 0T - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0T, implementation										Wed Oct 03 01:50:35 GMT 2012												
	Diagnostic Status: No Diagnostics																						
	Scientific Instruments: ACS/WFC																						
	Special Requirements: (none)																						
Patterns	#	Primary Pattern										Secondary Pattern										Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true																				(1)	
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous							
	(86)	MACSJ2245.0+2637		RA: 22 45 4.7600 (341.2698333d) Dec: +26 38 4.30 (26.63453d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS							
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit					
	1	2245+26_81	(86) MACSJ2245.0+	ACS/WFC, ACCUM, WFC				F814W		CR-SPLIT=NO				Pattern 1, Exps 1-1 i		480 Secs							
	4		2637											n Visit 0T (1)		[==>(Pattern 1)]							
															[==>(Pattern 2)]		[1]						
Orbit Structure	Orbit 1 Server Version: 20120802 GS Acq Exp. 1 Exp. 1 Exp. 1 Pointing Maneuver Pointing Maneuver Unused Visibility = 936 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec																						

Proposal 12884 - Visit 0U - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0U, implementation Wed Oct 03 01:50:36 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(87)	MACSJ2245.4+2808	RA: 22 45 24.6100 (341.3525417d) Dec: +28 08 3.00 (28.13417d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2245+28_81	(87) MACSJ2245.4+2808	ACS/WFC, ACCUM, WFC	F814W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 0U (1)				
Exposures					Exp. Time/[Actual Dur.]
	480 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure over a 5500-second period. It shows three exposure periods (Exp. 1) occurring at approximately 400, 1100, and 1800 seconds. Two pointing maneuvers are indicated by vertical arrows at approximately 1000 and 1700 seconds. A green bar representing 'Unused Visibility' spans from approximately 2300 to 3200 seconds. A white bar representing 'Occultation' spans from approximately 3300 to 5500 seconds. The timeline is marked with a scale from 0 to 5500 seconds.				

Proposal 12884 - Visit 0V - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0V, implementation										Wed Oct 03 01:50:37 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(88)	MACSJ2311.5+0338	RA: 23 11 33.3300 (347.8888750d) Dec: +03 38 3.80 (3.63439d) Equinox: J2000					V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2311+03_81	(88) MACSJ2311.5+	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	480 Secs	
	4	0338							n Visit 0V (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1										Server Version: 20120802

Proposal 12884 - Visit 0W - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0W, scheduling										Wed Oct 03 01:50:37 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(90)	SMACSJ0018.9-4051	RA: 00 19 1.5700 (4.7565417d) Dec: -40 51 50.80 (-40.86411d) Equinox: J2000					V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0018-40_81	(90) SMACSJ0018.9	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	480 Secs	
	4	-4051	-4051						n Visit 0W (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1										Server Version: 20120802
	The diagram illustrates the orbit structure for Orbit 1 over a 5500-second period. Key events include: GS Acq: Green Start Acquisition at approximately 300 seconds. Exp. 1: Three exposures, each lasting 480 seconds, occurring at approximately 400, 1100, and 1800 seconds. Pointing Maneuver: Two maneuvers occurring at approximately 1000 and 1700 seconds. Unused Visibility: A period of 1016 seconds starting at approximately 2300 seconds. Occultation: A period starting at approximately 3300 seconds. The timeline is marked with a scale from 0 to 5500 seconds in increments of 500. The orbit path is shown as a blue checkered line, with specific events highlighted in green and black.										

Proposal 12884 - Visit 0X - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0X, implementation Wed Oct 03 01:50:38 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(91)	SMACSJ0028.2-7537	RA: 00 28 9.7800 (7.0407500d) Dec: -75 37 45.10 (-75.62919d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
					Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0028-75_81	(91) SMACSJ0028.2	ACS/WFC, ACCUM, WFC	F814W
Exposures	4		-7537		
					CR-SPLIT=NO
Exposures					Special Reqs.
					Pattern 1, Exps 1-1 i n Visit 0X (1)
Exposures					Groups
					Exp. Time/[Actual Dur.]
Exposures					480 Secs
					[==>(Pattern 1)]
Exposures					[==>(Pattern 2)]
					[==>(Pattern 3)]
Exposures					Orbit
					[1]
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure	The diagram illustrates the orbit structure for Orbit 1, showing a timeline from 0 to 5500 seconds. Key events and segments are labeled: GS Acq: Green box with a double arrow icon. Exp. 1: Green box with a double arrow icon. Pointing Maneuver: Indicated by a vertical arrow pointing to the start of a black segment. Unused Visibility = 1306: Indicated by a vertical arrow pointing to the start of a green segment. Occultation: Indicated by a vertical arrow pointing to the end of the green segment. The timeline is divided into segments with different patterns: blue checkered, black, and green. The x-axis is labeled with time in seconds (sec).				

Proposal 12884 - Visit 0Y - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0Y, implementation Wed Oct 03 01:50:39 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(92)	SMACSJ0040.8-4407	RA: 00 40 49.9900 (10.2082917d) Dec: -44 07 50.60 (-44.13072d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0040-44_81	(92) SMACSJ0040.8	ACS/WFC, ACCUM, WFC	F814W
Exposures	4	-4407			
	CR-SPLIT=NO				
Exposures	Special Reqs.				
	Groups				
Exposures	Exp. Time/[Actual Dur.]				
	Orbit				
Exposures	Pattern 1, Exps 1-1 i				
	n Visit 0Y (1)				
Exposures	480 Secs				
	[==>(Pattern 1)]				
Exposures	[==>(Pattern 2)]				
	[==>(Pattern 3)]				
Exposures	[1]				
Orbit Structure	Orbit 1				
	Server Version: 20120802				
Orbit Structure	The diagram illustrates the orbit structure over a 5500-second period. Key events include: GS Acq: Green box at approximately 300s. Exp. 1: Three green boxes at approximately 400s, 1100s, and 1700s. Pointing Maneuver: Two vertical arrows at approximately 1000s and 1700s. Unused Visibility: A green bar from approximately 2300s to 3300s. Occultation: A long white bar from approximately 3300s to 5500s.				
	Unused Visibility = 1016				

Proposal 12884 - Visit 0Z - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 0Z, implementation										Wed Oct 03 01:50:39 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true									(1)
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(93)	SMACSJ0217.1-5244	RA: 02 17 14.9900 (34.3124583d) Dec: -52 45 37.80 (-52.76050d) Equinox: J2000					V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0217-52_81	(93) SMACSJ0217.1	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	480 Secs	
	4	-5244	-5244						n Visit 0Z (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 Pointing Maneuver Pointing Maneuver GS Acq Exp. 1 Exp. 1 Exp. 1 Unused Visibility = 1113 Occultation </										

Proposal 12884 - Visit 1A - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1A, implementation Wed Oct 03 01:50:40 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(95)	SMACSJ0245.5-5302	RA: 02 45 30.3000 (41.3762500d) Dec: -53 02 6.50 (-53.03514d) Equinox: J2000		V=14.0+/-0.1 Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0245-53_81	(95) SMACSJ0245.5	ACS/WFC, ACCUM, WFC	F814W
	4		-5302		CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 1A (1)
					Exp. Time/[Actual Dur.]
					480 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	Orbit 1 GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1113 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 1B - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1B, scheduling										Wed Oct 03 01:50:41 GMT 2012												
	Diagnostic Status: No Diagnostics																						
	Scientific Instruments: ACS/WFC																						
	Special Requirements: (none)																						
Patterns	#	Primary Pattern										Secondary Pattern										Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true																				(1)	
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous							
	(96)	SMACSJ0304.3-4401		RA: 03 04 18.9000 (46.0787500d) Dec: -44 02 2.50 (-44.03403d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS							
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit					
	1	0304-44_81	(96) SMACSJ0304.3	ACS/WFC, ACCUM, WFC				F814W		CR-SPLIT=NO				Pattern 1, Exps 1-1 i		480 Secs							
	4	-4401												n Visit 1B (1)		[==>(Pattern 1)]							
															[==>(Pattern 2)]		[1]						
Orbit Structure																							
	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure for Orbit 1 over a 5500-second period. Key events include: GS Acq: Green Start Acquisition at approximately 300 seconds. Exp. 1: Three exposures, each lasting 480 seconds, occurring at approximately 400, 1100, and 1700 seconds. Pointing Maneuvers: Two maneuvers, each lasting approximately 100 seconds, occurring at approximately 1000 and 1800 seconds. Unused Visibility: A period of approximately 1016 seconds, occurring between 2300 and 3300 seconds. Occultation: A period of approximately 2200 seconds, occurring from 3300 to 5500 seconds.																						

Proposal 12884 - Visit 1D - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1D, implementation Wed Oct 03 01:50:42 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true	(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(98)	SMACSJ0359.1-7205	RA: 03 59 13.4200 (59.8059167d) Dec: -72 05 6.20 (-72.08506d) Equinox: J2000		V=14.0+/-1.0 Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0359-72_81	(98) SMACSJ0359.1	ACS/WFC, ACCUM, WFC	F814W
	4		-7205		CR-SPLIT=NO
					Pattern 1, Exps 1-1 i n Visit 1D (1)
					Exp. Time/[Actual Dur.]
					480 Secs
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Visibility = 1318 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 1E - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1E, implementation										Wed Oct 03 01:50:43 GMT 2012	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: ACS/WFC											
	Special Requirements: (none)											
Patterns	#	Primary Pattern					Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER-LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true								(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(99)	SMACSJ0406.0-4916	RA: 04 05 58.7600 (61.4948333d) Dec: -49 15 59.20 (-49.26644d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit		
	1	0406-49_81 4	(99) SMACSJ0406.0 -4916	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 1E (1)	480 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]		
Orbit Structure	Orbit 1											Server Version: 20120802

Proposal 12884 - Visit 1F - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1F, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:43 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(100)	SMACSJ0439.2-4600	RA: 04 39 13.9500 (69.8081250d) Dec: -46 00 49.20 (-46.01367d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0439-46_81	(100) SMACSJ0439.2-4600	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 1F (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									
	GS Acq [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Pointing Maneuver [] Exp. 1 [] Unused Visibility = 1080 [] Occultation [] 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec									

Proposal 12884 - Visit 1G - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1G, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:44 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(103)	SMACSJ0723.3-7327	RA: 07 23 19.0100 (110.8292083d) Dec: -73 27 18.30 (-73.45508d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0723-73_81	(103) SMACSJ0723.3-7327	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 1G (1)	480 Secs	
	4								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 1H - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1H, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:45 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(104)	SMACSJ1519.1-8130	RA: 15 18 54.8720 (229.7286333d) Dec: -81 30 23.58 (-81.50655d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1519-81_81 4	(104) SMACSJ1519.1-8130	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 1H (1)	480 Secs [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 1I - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1I, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:46 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(105)	SMACSJ2031.8-4036	RA: 20 31 47.8300 (307.9492917d) Dec: -40 36 55.80 (-40.61550d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2031-40_81	(105) SMACSJ2031.8-4036	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 1I (1)	480 Secs	
	4								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 1J - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1J, implementation Wed Oct 03 01:50:47 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(106)	SMACSJ2332.4-5358	RA: 23 32 27.4800 (353.1145000d) Dec: -53 58 29.40 (-53.97483d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2332-53_81	(106) SMACSJ2332.4-5358	ACS/WFC, ACCUM, WFC	F814W
Exposures					Opt. Params.
	CR-SPLIT=NO				
Exposures					Special Reqs.
Exposures					Groups
	Pattern 1, Exps 1-1 in Visit 1J (1)				
Exposures					Exp. Time/[Actual Dur.]
	480 Secs				
Exposures					Orbit
	[1]				
Orbit Structure					
	Orbit 1 Server Version: 20120802				
Orbit Structure					
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec				

Proposal 12884 - Visit 1K - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1K, implementation Wed Oct 03 01:50:47 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(107)	EMACSJ0840.2+4421	RA: 08 40 9.3500 (130.0389583d) Dec: +44 21 54.00 (44.36500d) Equinox: J2000		V=14.0+/-1.0
Exposures					Miscellaneous
					Reference Frame: ICRS
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	e0840+44	(107) EMACSJ0840.2+4421	ACS/WFC, ACCUM, WFC	F814W
Exposures					Opt. Params.
					CR-SPLIT=NO
Exposures					Special Reqs.
Exposures					Groups
					Pattern 1, Exps 1-1 in Visit 1K (1)
Exposures					Exp. Time/[Actual Dur.]
					480 Secs
Exposures					[==>(Pattern 1)]
					[==>(Pattern 2)]
Exposures					[==>(Pattern 3)]
					[1]
Orbit Structure					Orbit
Orbit Structure					Server Version: 20120802
Orbit Structure					Orbit 1
Orbit Structure					Pointing Maneuver
Orbit Structure					Pointing Maneuver
Orbit Structure					Unused Visibility = 1016
Orbit Structure					Occultation
Orbit Structure					GS Acq
Orbit Structure					Exp. 1
Orbit Structure					Exp. 1
Orbit Structure					Exp. 1
Orbit Structure					0
Orbit Structure					500
Orbit Structure					1000
Orbit Structure					1500
Orbit Structure					2000
Orbit Structure					2500
Orbit Structure					3000
Orbit Structure					3500
Orbit Structure					4000
Orbit Structure					4500
Orbit Structure					5000
Orbit Structure					5500 sec

Proposal 12884 - Visit 1L - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1L, implementation Diagnostic Status: No Diagnostics Scientific Instruments: ACS/WFC Special Requirements: (none)					Wed Oct 03 01:50:48 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=3.011 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=85.28 Angle Between Sides= Center Pattern=true			(1)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(108)	EMACSJ1057.5+5759	RA: 10 57 31.0900 (164.3795417d) Dec: +57 59 45.50 (57.99597d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	e1057+57	(108) EMACSJ1057.5+5759	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 1L (1)	480 Secs [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 1M - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1M, scheduling Wed Oct 03 01:50:49 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1), (2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	MACSJ0010.8+2909	RA: 00 10 52.7600 (2.7198333d) Dec: +29 09 38.10 (29.16058d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0010+29_11_0	(1) MACSJ0010.8+2909	WFC3/IR, MULTIACCUM, IR	F110W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 1-1 in Visit 1M (2)
					Exp. Time/[Actual Dur.]
					[==>(Pattern 1)] [==>(Pattern 2)]
					Orbit
					[1]
	2	0010+29_14_0	(1) MACSJ0010.8+2909	WFC3/IR, MULTIACCUM, IR	F140W
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 2-2 in Visit 1M (2)
					Exp. Time/[Actual Dur.]
					[==>(Pattern 1)] [==>(Pattern 2)]
					Orbit
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the sequence of events for Orbit 1 over a 5500-second period. It includes acquisition, two exposures, pointing maneuvers, a reconfiguration, a long period of unused visibility, and an occultation.				

Proposal 12884 - Visit 1N - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1N, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:50 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(2)	MACSJ0011.7-1523	RA: 00 11 42.9100 (2.9287917d) Dec: -15 23 22.70 (-15.38964d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0011-15_11 0	(2) MACSJ0011.7-1 523	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 1N (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0011-15_14 0	(2) MACSJ0011.7-1 523	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 1N (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 10 - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:50:50 GMT 2012

Visit	Proposal 12884, Visit 10, scheduling										Wed Oct 03 01:50:50 GMT 2012			
	Diagnostic Status: No Diagnostics													
	Scientific Instruments: WFC3/IR													
	Special Requirements: (none)													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=					Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false					(1), (2)		
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(3)	MACSJ0014.3-3022	RA: 00 14 18.6500 (3.5777083d) Dec: -30 23 35.20 (-30.39311d) Equinox: J2000						V=14.0+/-1.0		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit			
	1	0014-30_11 0	(3) MACSJ0014.3-3 022	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 10 (2)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]			
	2	0014-30_11 0	(3) MACSJ0014.3-3 022	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 10 (2)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]			
Orbit Structure	Orbit 1												Server Version: 20120802	
	The diagram illustrates the timeline of Orbit 1, starting at 0 seconds and ending at 5500 seconds. Key events are marked with arrows: GS Acq at ~20s, Exp. 1 at ~350s, Pointing Maneuver at ~750s, Exp. 2 at ~1150s, Pointing Maneuver at ~1550s, Exp. 2 at ~1950s, Reconfig at ~2000s, Unused Visibility = 1294 (indicated by a green bar from ~2000s to ~3294s), and Occultation at ~3294s. The timeline is divided into segments: a blue checkered segment from ~350s to ~1950s, a black segment from ~750s to ~1150s, and a green segment from ~2000s to ~3294s. A white segment follows the occultation from ~3294s to 5500s.													

Proposal 12884 - Visit 1P - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1P, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:51 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(4)	MACSJ0027.4+2607	RA: 00 27 27.1500 (6.8631250d) Dec: +26 07 4.30 (26.11786d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0027.4+26_110	(4) MACSJ0027.4+2607	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1P (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0027.4+26_140	(4) MACSJ0027.4+2607	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1P (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									
	Unused Visibility = 1280									

Proposal 12884 - Visit 1Q - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1Q, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:52 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(6)	MACSJ0032.1+1808	RA: 00 32 10.6100 (8.0442083d) Dec: +18 07 42.80 (18.12856d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0032+18_11 0	(6) MACSJ0032.1+1 808	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 1Q (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0032+18_14 0	(6) MACSJ0032.1+1 808	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 1Q (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. Key events and durations are as follows: GS Acq: Initial segment from 0 to approximately 300 seconds. Exp. 1: First exposure segment, approximately 300 to 700 seconds. Exp. 2: Second exposure segment, approximately 700 to 1100 seconds. Reconfig: Configuration change segment, approximately 1100 to 1500 seconds. Unused Visibility: Segment where the target is visible but not observed, approximately 1500 to 3200 seconds. Occultation: Segment where the target is behind the planet, approximately 3200 to 5500 seconds. Pointing maneuvers are shown as vertical arrows above the exposure segments. A green bar highlights the 'Unused Visibility' period.									

Proposal 12884 - Visit 1R - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1R, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:52 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(7)	MACSJ0033.8-0751	RA: 00 33 51.5200 (8.4646667d) Dec: -07 51 19.20 (-7.85533d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0033-07_11 0	(7) MACSJ0033.8-0 751	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 1R (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0033-07_14 0	(7) MACSJ0033.8-0 751	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 1R (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the timeline of Orbit 1, spanning from 0 to 5500 seconds. Key events and segments are marked as follows: GS Acq: Ground Station Acquisition at the start of the orbit. Exp. 1: First exposure segment, indicated by a blue checkered bar. Exp. 2: Second exposure segment, also indicated by a blue checkered bar. Reconfig: Reconfiguration period, shown as a green bar. Occultation: Period of occultation, shown as a white bar. Pointing Maneuver: Three vertical arrows indicate pointing maneuvers occurring between the exposure and reconfiguration segments. Unused Visibility = 1260: A label indicating the duration of unused visibility time.									

Proposal 12884 - Visit 1S - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:50:53 GMT 2012

Visit	Proposal 12884, Visit 1S, scheduling										Wed Oct 03 01:50:53 GMT 2012
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false								(1), (2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(8)	MACSJ0034.4+0225	RA: 00 34 26.2300 (8.6092917d) Dec: +02 25 28.60 (2.42461d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	0034.4+02_110	(8) MACSJ0034.4+0225	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 1S (2)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	0034.4+02_140	(8) MACSJ0034.4+0225	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 1S (2)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram shows a timeline from 0 to 5500 seconds. Key events include: GS Acq (0-300s), Exp. 1 (300-700s), Pointing Maneuver (700-800s), Exp. 2 (800-1100s), Pointing Maneuver (1100-1200s), Exp. 2 (1200-1500s), Pointing Maneuver (1500-1600s), Reconfig (1600-1700s), Unused Visibility = 1256 (1700-2956s), and Occultation (2956-5500s). Exposure segments are shown as blue checkered bars, and pointing maneuvers as black bars.										

Proposal 12884 - Visit 1T - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1T, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:53 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(9)	MACSJ0034.9+0234	RA: 00 34 57.9100 (8.7412917d) Dec: +02 33 30.50 (2.55847d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0034.9+02_110	(9) MACSJ0034.9+0234	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1T (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0034.9+02_140	(9) MACSJ0034.9+0234	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1T (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the timeline of Orbit 1, spanning from 0 to 5500 seconds. Key events and segments are marked as follows: GS Acq: Ground Station Acquisition at the start of the timeline. Exp. 1: First exposure segment, indicated by a blue checkered bar. Exp. 2: Second exposure segment, also indicated by a blue checkered bar. Reconfig: Reconfiguration period, shown as a green bar. Occultation: Period of occultation, shown as a white bar. Pointing Maneuver: Three vertical arrows indicate pointing maneuvers occurring between the exposure and reconfiguration segments. Unused Visibility = 1256: A label indicating the duration of unused visibility time.									

Proposal 12884 - Visit 1U - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1U, scheduling										Wed Oct 03 01:50:54 GMT 2012												
	Diagnostic Status: No Diagnostics																						
	Scientific Instruments: WFC3/IR																						
	Special Requirements: (none)																						
Patterns	#	Primary Pattern										Secondary Pattern										Exposures	
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false																				(1), (2)	
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous							
	(10)	MACSJ0035.4-2015		RA: 00 35 26.2100 (8.8592083d) Dec: -20 15 44.20 (-20.26228d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS							
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit					
	1	0035-20_110	(10) MACSJ0035.4-2015	WFC3/IR, MULTIACCUM, IR				F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 1U (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]					
	2	0035-20_140	(10) MACSJ0035.4-2015	WFC3/IR, MULTIACCUM, IR				F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 1U (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]					
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram shows a timeline from 0 to 5500 seconds. Key phases include: GS Acq (0-50s), Exp. 1 (50-750s), Exp. 2 (750-1150s), Reconfig (1150-1950s), and Occultation (1950-5500s). Pointing maneuvers are indicated at the start of each exposure segment. A 'Unused Visibility = 1271' period is shown between the Reconfig and Occultation segments. The timeline is marked with a scale from 0 to 5500 seconds.																						

Proposal 12884 - Visit 1V - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1V, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:55 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(11)	MACSJ0051.6+2720	RA: 00 51 38.6200 (12.9109167d) Dec: +27 20 2.00 (27.33389d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0051+27_11 0	(11) MACSJ0051.6+ 2720	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 1V (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0051+27_14 0	(11) MACSJ0051.6+ 2720	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 1V (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. It starts at 0 seconds and ends at 5500 seconds. Key events include: GS Acq (0-50s), Exp. 1 (50-750s), Exp. 2 (750-1150s), Reconfig (1150-1280s), Unused Visibility (1280-3200s), and Occultation (3200-5500s). Pointing maneuvers occur before each exposure segment. The timeline is marked with a scale from 0 to 5500 seconds.									

Proposal 12884 - Visit 1W - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1W, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:55 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(12)	MACSJ0110.1+3211	RA: 01 10 7.3000 (17.5304167d) Dec: +32 10 48.50 (32.18014d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0110+32_11_0	(12) MACSJ0110.1+3211	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1W (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0110+32_14_0	(12) MACSJ0110.1+3211	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1W (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. It starts at 0 seconds and ends at 5500 seconds. Key events include: Pointing Maneuver at approximately 750s, 1150s, and 1550s. Expos. 1 at approximately 850s and 1250s. Expos. 2 at approximately 1350s and 1650s. Reconfig at approximately 1950s. Unused Visibility = 1294 period from approximately 1950s to 3250s. Occultation period from approximately 3250s to 5500s. A blue checkered bar spans from approximately 400s to 1950s, representing the observation period. A green bar spans from approximately 1950s to 3250s, representing the occultation period.									

Proposal 12884 - Visit 1X - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1X, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:56 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(13)	MACSJ0111.5+0855	RA: 01 11 31.5700 (17.8815417d) Dec: +08 55 40.20 (8.92783d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0111+08_11 0	(13) MACSJ0111.5+ 0855	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 1X (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0111+08_14 0	(13) MACSJ0111.5+ 0855	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 1X (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 Pointing Maneuver Pointing Maneuver Pointing Maneuver Unused Visibility = 1260 GS Acq Exp. 1 Exp. 2 Reconfig Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec									

Proposal 12884 - Visit 1Y - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1Y, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:57 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(14)	MACSJ0138.0-2155	RA: 01 38 3.8000 (24.5158333d) Dec: -21 55 33.00 (-21.92583d) Equinox: J2000				V=14.0+/-0.1		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0138-21_11_0	(14) MACSJ0138.0-2155	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1Y (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0138-21_14_0	(14) MACSJ0138.0-2155	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1Y (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. It starts at 0 seconds and ends at 5500 seconds. Key events include: GS Acq (0-50s), Exp. 1 (50-750s), Exp. 2 (750-1150s), Reconfig (1150-1200s), Unused Visibility (1200-3200s), and Occultation (3200-5500s). Pointing maneuvers occur before each exposure segment. The timeline is marked with a scale from 0 to 5500 seconds.									

Proposal 12884 - Visit 1Z - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 1Z, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:57 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(16)	MACSJ0140.0-3410	RA: 01 40 5.5600 (25.0231667d) Dec: -34 10 39.70 (-34.17769d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0140-34_110	(16) MACSJ0140.0-3410	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1Z (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0140-34_140	(16) MACSJ0140.0-3410	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1Z (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 2A - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2A, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:58 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(17)	MACSJ0150.3-1005	RA: 01 50 21.1300 (27.5880417d) Dec: -10 05 30.30 (-10.09175d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0150-10_11 0	(17) MACSJ0150.3-1005	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15	GS ACQ SCENARIO SINGLE	Pattern 2, Exps 1-1 in Visit 2A (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0150-10_14 0	(17) MACSJ0150.3-1005	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2A (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 Pointing Maneuver Pointing Maneuver Pointing Maneuver Unused Visibility = 1358 GS Acq Exp. 1 Exp. 1 Exp. 2 Exp. 2 Reconfig Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec									

Proposal 12884 - Visit 2B - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2B, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:58 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(18)	MACSJ0159.0-3412	RA: 01 59 3.9200 (29.7663333d) Dec: -34 13 5.10 (-34.21808d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0159-34_110	(18) MACSJ0159.0-3412	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2B (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0159-34_140	(18) MACSJ0159.0-3412	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2B (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. Key events include: GS Acq: Ground Station Acquisition at approximately 100 seconds. Exp. 1: Exposure 1 at approximately 400 seconds. Pointing Maneuver: First pointing maneuver at approximately 700 seconds. Exp. 2: Exposure 2 at approximately 1100 seconds. Pointing Maneuver: Second pointing maneuver at approximately 1400 seconds. Reconfig: Reconfiguration at approximately 1700 seconds. Unused Visibility = 1294: A period of unused visibility starting at approximately 2000 seconds and lasting for 1294 seconds. Occultation: Occultation event at approximately 3300 seconds. The timeline is marked in seconds from 0 to 5500.									

Proposal 12884 - Visit 2C - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2C, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:50:59 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(19)	MACSJ0159.8-0849	RA: 01 59 49.3400 (29.9555833d) Dec: -08 49 58.20 (-8.83283d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0159-08_110	(19) MACSJ0159.8-0849	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2C (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0159-08_140	(19) MACSJ0159.8-0849	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2C (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 Pointing Maneuver Pointing Maneuver Pointing Maneuver Unused Visibility = 1260 GS Acq Exp. 1 Exp. 2 Exp. 2 Reconfig Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec									

Proposal 12884 - Visit 2D - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:51:00 GMT 2012

Visit	Proposal 12884, Visit 2D, scheduling					Wed Oct 03 01:51:00 GMT 2012				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false					(1), (2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	MACSJ0242.5-2132	RA: 02 42 35.9100 (40.6496250d) Dec: -21 32 26.00 (-21.54056d) Equinox: J2000		V=14.0+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config.Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0242-21_11_0	(20) MACSJ0242.5-2132	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2D (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	0242-21_14_0	(20) MACSJ0242.5-2132	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2D (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									
The diagram illustrates the timeline of Orbit 1, spanning from 0 to 5500 seconds. Key events and segments are marked as follows: GS Acq: Ground Station Acquisition, occurring at the start of the orbit. Exp. 1: Exposure 1, occurring between approximately 400s and 700s. Exp. 2: Exposure 2, occurring between approximately 700s and 1000s. Pointing Maneuver: Indicated by arrows pointing to the gaps between exposures. Reconfig: Reconfiguration event, occurring at approximately 1900s. Unused Visibility = 1271: A period of unused visibility following the reconfiguration. Occultation: The end of the observation period, occurring at approximately 3200s. The timeline is represented by a horizontal axis with tick marks every 500 seconds. The segments are color-coded: blue for exposures, black for pointing maneuvers, green for reconfiguration, and white for unused visibility and occultation.										

Proposal 12884 - Visit 2E - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2E, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:00 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(22)	MACSJ0308.9+2645	RA: 03 08 56.0800 (47.2336667d) Dec: +26 45 36.90 (26.76025d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0308+26_11_0	(22) MACSJ0308.9+2645	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2E (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0308+26_14_0	(22) MACSJ0308.9+2645	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2E (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 2F - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2F, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:01 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(23)	MACSJ0326.8-0043	RA: 03 26 49.9800 (51.7082500d) Dec: -00 43 53.20 (-.73144d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0326-00_110	(23) MACSJ0326.8-0043	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2F (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0326-00_140	(23) MACSJ0326.8-0043	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2F (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. It begins with a 'GS Acq' (Ground Station Acquisition) at approximately 100 seconds. This is followed by 'Exp. 1' (Exposure 1) at 300 seconds. A 'Pointing Maneuver' occurs at 700 seconds. 'Exp. 2' (Exposure 2) follows at 1100 seconds, with another 'Pointing Maneuver' at 1300 seconds. A second 'Exp. 2' occurs at 1500 seconds. A 'Reconfig' (Reconfiguration) happens at 1900 seconds. A period of 'Unused Visibility = 1256' seconds follows, ending at 3156 seconds. Finally, an 'Occultation' begins at 3250 seconds and continues until the end of the orbit at 5500 seconds. The timeline is marked in seconds from 0 to 5500.									

Proposal 12884 - Visit 2G - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2G, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:02 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(24)	MACSJ0358.8-2955	RA: 03 58 53.0800 (59.7211667d) Dec: -29 55 51.60 (-29.93100d) Equinox: J2000				V=14.0+/-0.1		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0358-29_110	(24) MACSJ0358.8-2955	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2G (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0358-29_140	(24) MACSJ0358.8-2955	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2G (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 2H - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2H, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:02 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(25)	MACSJ0404.2-2703	RA: 04 04 18.7700 (61.0782083d) Dec: -27 03 4.50 (-27.05125d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0404-27_11 0	(25) MACSJ0404.2- 2703	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 2H (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0404-27_14 0	(25) MACSJ0404.2- 2703	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 2H (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 2I - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2I, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:03 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(26)	MACSJ0404.6+1109	RA: 04 04 33.7400 (61.1405833d) Dec: +11 07 53.00 (11.13139d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0404+11_11 0	(26) MACSJ0404.6+ 1109	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 2I (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0404+11_14 0	(26) MACSJ0404.6+ 1109	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 2I (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 2J - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2J, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:04 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(27)	MACSJ0417.5-1154	RA: 04 17 33.8000 (64.3908333d) Dec: -11 54 15.00 (-11.90417d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0417-11_11_0	(27) MACSJ0417.5-1154	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2J (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0417-11_14_0	(27) MACSJ0417.5-1154	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2J (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. Key events include: GS Acq: Ground Station Acquisition at the start. Exp. 1: First exposure. Pointing Maneuver: Two maneuvers are shown, one before and one after the first exposure. Exp. 2: Second exposure. Reconfig: Reconfiguration event. Unused Visibility = 1266: A period of 1266 seconds of unused visibility. Occultation: The end of the observation period. The timeline is marked in seconds from 0 to 5500.									

Proposal 12884 - Visit 2K - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2K, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:04 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(28)	MACSJ0449.3-2848	RA: 04 49 20.8300 (72.3367917d) Dec: -28 49 8.80 (-28.81911d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0449-28_110	(28) MACSJ0449.3-2848	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2K (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0449-28_140	(28) MACSJ0449.3-2848	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2K (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Exp. 2, Pointing Maneuver, Exp. 2, Pointing Maneuver, Reconfig, Unused Visibility = 1280, Occultation. Timeline scale: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec									

Proposal 12884 - Visit 2L - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2L, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:05 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(29)	MACSJ0455.2+0657	RA: 04 55 17.4600 (73.8227500d) Dec: +06 57 47.30 (6.96314d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0455+06_11_0	(29) MACSJ0455.2+0657	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2L (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0455+06_14_0	(29) MACSJ0455.2+0657	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2L (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 2M - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2M, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:05 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(30)	MACSJ0510.4+0220	RA: 05 10 28.9000 (77.6204167d) Dec: +02 20 51.00 (2.34750d) Equinox: J2000				V=14.0+/-0.1		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0510+02_11 0	(30) MACSJ0510.4+ 0220	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 2M (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0510+02_14 0	(30) MACSJ0510.4+ 0220	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 2M (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. It begins with a 'GS Acq' (Ground Station Acquisition) at approximately 100 seconds. This is followed by 'Exp. 1' (Exposure 1) at 300 seconds. A 'Pointing Maneuver' occurs at 700 seconds. 'Exp. 2' (Exposure 2) follows at 1100 seconds, with another 'Pointing Maneuver' at 1300 seconds. A second 'Exp. 2' occurs at 1500 seconds. A 'Reconfig' (Reconfiguration) happens at 1900 seconds. A period of 'Unused Visibility = 1256' seconds follows, ending at 3156 seconds. Finally, an 'Occultation' begins at 3200 seconds and continues until the end of the orbit at 5500 seconds. The timeline is marked in seconds from 0 to 5500.									

Proposal 12884 - Visit 2N - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2N, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:06 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(32)	MACSJ0521.4-2754	RA: 05 21 25.5300 (80.3563750d) Dec: -27 54 55.10 (-27.91531d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0521-27_11 0	(32) MACSJ0521.4- 2754	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 2N (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0521-27_14 0	(32) MACSJ0521.4- 2754	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 2N (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 2O - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2O, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:07 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(33)	MACSJ0529.7-3145	RA: 05 29 45.6400 (82.4401667d) Dec: -31 46 0.00 (-31.76667d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0529-31_11 0	(33) MACSJ0529.7-3145	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2O (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0529-31_14 0	(33) MACSJ0529.7-3145	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2O (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 2P - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2P, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:07 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(34)	MACSJ0547.0-3904	RA: 05 47 1.7700 (86.7573750d) Dec: -39 04 25.60 (-39.07378d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0547-39_11_0	(34) MACSJ0547.0-3904	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2P (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0547-39_14_0	(34) MACSJ0547.0-3904	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2P (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. It starts at 0 seconds and ends at 5500 seconds. Key events include: GS Acq (0-50s), Exp. 1 (50-750s), Exp. 2 (750-1150s), Reconfig (1150-1314s), Unused Visibility (1314-3300s), and Occultation (3300-5500s). Pointing maneuvers occur before each exposure segment. The timeline is marked with a scale from 0 to 5500 seconds.									

Proposal 12884 - Visit 2Q - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2Q, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:08 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(35)	MACSJ0553.4-3342	RA: 05 53 24.5000 (88.3520833d) Dec: -33 42 25.00 (-33.70694d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0553-33_110	(35) MACSJ0553.4-3342	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2Q (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0553-33_140	(35) MACSJ0553.4-3342	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2Q (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 2R - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2R, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:09 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(36)	MACSJ0600.1-2008	RA: 06 00 9.3000 (90.0387500d) Dec: -20 08 19.00 (-20.13861d) Equinox: J2000				V=14.0+/-0.1		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0600-20_110	(36) MACSJ0600.1-2008	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2R (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0600-20_140	(36) MACSJ0600.1-2008	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2R (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure for Orbit 1. The timeline starts at 0 seconds and ends at 5500 seconds. Key events include: Pointing Maneuver at approximately 750 seconds. Exp. 1 (Exposure 1) starting at approximately 850 seconds. Exp. 2 (Exposure 2) starting at approximately 1150 seconds. Reconfig (Reconfiguration) at approximately 1950 seconds. Occultation starting at approximately 3250 seconds and lasting until 5500 seconds. Unused Visibility = 1271 seconds, indicated by a green bar from 1950 to 3250 seconds. The observation period is marked by a blue checkered bar from approximately 850 to 1950 seconds.									

Proposal 12884 - Visit 2S - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2S, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:09 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(37)	MACSJ0611.8-3036	RA: 06 11 48.4400 (92.9518333d) Dec: -30 37 23.90 (-30.62331d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0611-30_110	(37) MACSJ0611.8-3036	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2S (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0611-30_140	(37) MACSJ0611.8-3036	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2S (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. Key events include: - GS Acq (Ground Station Acquisition) at approximately 100 seconds. - Exp. 1 (Exposure 1) at approximately 400 seconds. - Pointing Maneuver at approximately 700 seconds. - Exp. 2 (Exposure 2) at approximately 1100 seconds. - Pointing Maneuver at approximately 1400 seconds. - Exp. 2 (Exposure 2) at approximately 1700 seconds. - Pointing Maneuver at approximately 2000 seconds. - Reconfig (Reconfiguration) at approximately 2100 seconds. - Unused Visibility = 1294 seconds (indicated by a green bar from 2100 to 3394 seconds). - Occultation (indicated by a white bar from 3394 to 5500 seconds).									

Proposal 12884 - Visit 2T - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2T, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:10 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(38)	MACSJ0845.4+0327	RA: 08 45 27.7700 (131.3657083d) Dec: +03 27 38.80 (3.46078d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0845+03_11_0	(38) MACSJ0845.4+0327	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2T (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0845+03_14_0	(38) MACSJ0845.4+0327	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2T (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. It starts at 0 seconds and ends at 5500 seconds. Key events include: GS Acq (0-50s), Exp. 1 (50-750s), Exp. 2 (750-1150s), Reconfig (1150-1256s), Unused Visibility (1256-3200s), and Occultation (3200-5500s). Pointing maneuvers are shown above the exposure segments. A green bar highlights the 'Unused Visibility' period.									

Proposal 12884 - Visit 2V - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2V, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:11 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(40)	MACSJ0913.7+4056	RA: 09 13 45.6100 (138.4400417d) Dec: +40 56 26.90 (40.94081d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0913+40_11 0	(40) MACSJ0913.7+ 4056	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 2V (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0913+40_14 0	(40) MACSJ0913.7+ 4056	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 2V (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the timeline of Orbit 1, showing the sequence of events and their durations. The timeline is marked in seconds from 0 to 5500. Key events include: GS Acq: Ground Station Acquisition at approximately 0 seconds. Exp. 1: Exposure 1 at approximately 400 seconds. Pointing Maneuver: Pointing maneuver at approximately 700 seconds. Exp. 2: Exposure 2 at approximately 1100 seconds. Pointing Maneuver: Pointing maneuver at approximately 1400 seconds. Exp. 2: Exposure 2 at approximately 1700 seconds. Reconfig: Reconfiguration at approximately 2000 seconds. Unused Visibility = 1360: Period of unused visibility from approximately 2000 to 3360 seconds. Occultation: Occultation event at approximately 3360 seconds.									

Proposal 12884 - Visit 2W - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2W, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:12 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(41)	MACSJ0940.9+0744	RA: 09 40 52.5000 (145.2187500d) Dec: +07 44 25.30 (7.74036d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0940+07_11_0	(41) MACSJ0940.9+0744	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2W (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0940+07_14_0	(41) MACSJ0940.9+0744	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2W (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Exp. 2, Pointing Maneuver, Reconfig, Exp. 2, Pointing Maneuver, Unused Visibility = 1260, Occultation. Timeline scale: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec									

Proposal 12884 - Visit 2X - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2X, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:12 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(42)	MACSJ0949.8+1708	RA: 09 49 51.8100 (147.4658750d) Dec: +17 07 8.80 (17.11911d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0949+17_11_0	(42) MACSJ0949.8+1708	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2X (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0949+17_14_0	(42) MACSJ0949.8+1708	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2X (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure for Orbit 1. The timeline starts at 0 seconds and ends at 5500 seconds. Key events include: Pointing Maneuver at approximately 750 seconds. Exp. 1 (Exposure 1) at approximately 1000 seconds. Exp. 2 (Exposure 2) at approximately 1250 seconds. Reconfig (Reconfiguration) at approximately 1500 seconds. Unused Visibility = 1271 (indicated by a green bar) from approximately 1500 to 2771 seconds. Occultation (indicated by a blue checkered bar) from approximately 2771 to 5500 seconds.									

Visit	Proposal 12884, Visit 2Y, scheduling									
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(1), (2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(43)	MACSJ1006.9+3200	RA: 10 06 54.9000 (151.7287500d) Dec: +32 01 0.00 (32.01667d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1006+32_11 0	(43) MACSJ1006.9+ 3200	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 2Y (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1006+32_14 0	(43) MACSJ1006.9+ 3200	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 2Y (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 2Z - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 2Z, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:14 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(44)	MACSJ1105.7-1014	RA: 11 05 46.8700 (166.4452917d) Dec: -10 14 45.20 (-10.24589d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1105-10_11 0	(44) MACSJ1105.7-1014	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 2Z (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1105-10_11 0	(44) MACSJ1105.7-1014	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 2Z (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline for Orbit 1, spanning from 0 to 5500 seconds. Key events and durations are marked: GS Acq: Initial acquisition phase. Exp. 1: First exposure segment. Exp. 2: Second exposure segment. Reconfig: Reconfiguration period. Unused Visibility = 1266: Period of unused visibility. Occultation: Final occultation phase. Pointing maneuvers are indicated between exposure segments. The timeline is color-coded: blue for acquisition and exposures, green for reconfiguration, and black for occultation.									

Proposal 12884 - Visit 3A - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3A, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:14 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(45)	MACSJ1108.8+0906	RA: 11 08 55.4500 (167.2310417d) Dec: +09 06 0.40 (9.10011d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1108+09_11 0	(45) MACSJ1108.8+ 0906	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15	GS ACQ SCENARI O SINGLE	Pattern 2, Exps 1-1 i n Visit 3A (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1108+09_14 0	(45) MACSJ1108.8+ 0906	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 3A (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 Diagram illustrating the Orbit Structure for Orbit 1. The timeline shows various events: GS Acq, Exp. 1, Exp. 1, Exp. 2, Exp. 2, Reconfig, and Occultation. Pointing Maneuvers are indicated above the timeline. A green bar represents the 'Unused Visibility = 1352' period. The x-axis is time in seconds from 0 to 5500.									

Proposal 12884 - Visit 3B - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3B, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:15 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(46)	MACSJ1124.5+4351	RA: 11 24 30.5000 (171.1270833d) Dec: +43 51 31.50 (43.85875d) Equinox: J2000				V=14.0+/-0.1		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1124+43_11 0	(46) MACSJ1124.5+ 4351	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15	GS ACQ SCENARI O SINGLE	Pattern 2, Exps 1-1 i n Visit 3B (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1124+43_14 0	(46) MACSJ1124.5+ 4351	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 3B (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. It begins with 'GS Acq' at approximately 100 seconds. This is followed by 'Exp. 1' (blue checkered bar) from 200 to 400 seconds. A 'Pointing Maneuver' (black bar) occurs from 400 to 600 seconds. Another 'Exp. 1' (blue checkered bar) follows from 600 to 800 seconds. A second 'Pointing Maneuver' (black bar) occurs from 800 to 1000 seconds. 'Exp. 2' (blue checkered bar) follows from 1000 to 1200 seconds. A third 'Pointing Maneuver' (black bar) occurs from 1200 to 1400 seconds. Another 'Exp. 2' (blue checkered bar) follows from 1400 to 1600 seconds. A 'Reconfig' event (black bar) occurs from 1600 to 1800 seconds. A period of 'Unused Visibility = 1452' (green bar) follows from 1800 to 3252 seconds. Finally, an 'Occultation' (black bar) occurs from 3252 to 5500 seconds. The timeline is marked in seconds from 0 to 5500.									

Proposal 12884 - Visit 3D - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3D, scheduling										Wed Oct 03 01:51:17 GMT 2012												
	Diagnostic Status: No Diagnostics																						
	Scientific Instruments: WFC3/IR																						
	Special Requirements: (none)																						
Patterns	#	Primary Pattern										Secondary Pattern										Exposures	
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false																				(1), (2)	
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous							
	(48)	MACSJ1133.2+5008		RA: 11 33 13.3000 (173.3054167d) Dec: +50 08 39.10 (50.14419d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS							
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit						
	1	1133+50_11 0	(48) MACSJ1133.2+ 5008	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15		GS ACQ SCENARI O SINGLE		Pattern 2, Exps 1-1 i n Visit 3D (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]						
	2	1133+50_14 0	(48) MACSJ1133.2+ 5008	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 i n Visit 3D (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]						
Orbit Structure	Orbit 1 Server Version: 20120802 05001000150020002500300035004000450050005500 sec																						

Visit	Proposal 12884, Visit 3E, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)									
Patterns	#	Primary Pattern				Secondary Pattern				Exposures
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false								(1), (2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(49)	MACSJ1141.6-1905	RA: 11 41 40.8200 (175.4200833d) Dec: -19 05 18.10 (-19.08836d) Equinox: J2000		V=14.0+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1141-19_11_0	(49) MACSJ1141.6-1905	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 3E (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Exposures	2	1141-19_14_0	(49) MACSJ1141.6-1905	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 3E (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]

Orbit 1 Server Version: 20120802

The diagram illustrates the orbit structure over time (0 to 5500 seconds). Key events include:

- GS Acq**: Ground Station Acquisition (blue checkered bar).
- Exp. 1**: Exposure 1 (black bar).
- Pointing Maneuver**: Three pointing maneuvers indicated by vertical arrows.
- Exp. 2**: Exposure 2 (two black bars).
- Reconfig**: Reconfiguration event (vertical arrow).
- Unused Visibility = 1271**: Period of unused visibility (green bar).
- Occultation**: Occultation period (white bar).

Proposal 12884 - Visit 3F - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3F, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:18 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(50)	MACSJ1218.4+4012	RA: 12 18 27.4400 (184.6143333d) Dec: +40 13 0.30 (40.21675d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1218+40_11_0	(50) MACSJ1218.4+4012	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 3F (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1218+40_14_0	(50) MACSJ1218.4+4012	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 3F (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. It starts at 0 seconds and ends at 5500 seconds. Key events include: GS Acq (0-50s), Exp. 1 (50-750s), Exp. 2 (750-1100s), Reconfig (1100-1200s), Unused Visibility (1200-2000s), and Occultation (2000-5500s). Pointing maneuvers are shown above the exposure segments. A green bar highlights the period from 2000 to 3300 seconds.									

Proposal 12884 - Visit 3G - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3G, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:19 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(51)	MACSJ1226.8+2153A	RA: 12 26 51.1300 (186.7130417d) Dec: +21 49 52.60 (21.83128d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1226+21a_1 10	(51) MACSJ1226.8+ 2153A	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 3G (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1226+21a_1 40	(51) MACSJ1226.8+ 2153A	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 3G (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. It begins with 'GS Acq' at approximately 100 seconds, followed by 'Exp. 1' at 300 seconds. A 'Pointing Maneuver' occurs at 700 seconds, followed by 'Exp. 2' at 1100 seconds. Another 'Pointing Maneuver' occurs at 1300 seconds, followed by 'Exp. 2' at 1500 seconds. A 'Reconfig' event occurs at 1900 seconds, followed by a period of 'Unused Visibility = 1271' seconds. Finally, an 'Occultation' occurs at approximately 3200 seconds. The timeline is marked from 0 to 5500 seconds.									

Proposal 12884 - Visit 3H - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:51:20 GMT 2012

Visit	Proposal 12884, Visit 3H, scheduling					Wed Oct 03 01:51:20 GMT 2012				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false					(1), (2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(52)	MACSJ1226.8+2153B	RA: 12 26 51.7000 (186.7154167d) Dec: +21 52 25.80 (21.87383d) Equinox: J2000		V=14.0+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config.Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1226+21b_1 10	(52) MACSJ1226.8+ 2153B	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 3H (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	1226+21b_1 40	(52) MACSJ1226.8+ 2153B	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 3H (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									
The diagram illustrates the timeline of Orbit 1, starting at 0 seconds and ending at 5500 seconds. Key events are marked with arrows: GS Acq at ~20s, Exp. 1 at ~300s, Pointing Maneuver at ~700s, Exp. 2 at ~1100s, Pointing Maneuver at ~1400s, Exp. 2 at ~1600s, Reconfig at ~1900s, Unused Visibility = 1271 from ~2000s to ~3200s, and Occultation at ~3300s. The timeline is divided into segments: a blue checkered segment from ~300s to ~1900s, a green segment from ~2000s to ~3200s, and a white segment from ~3300s to ~5500s. Black bars below the timeline indicate periods of visibility.										

Proposal 12884 - Visit 3I - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3I, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:20 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(53)	MACSJ1246.1-2547	RA: 12 46 6.8800 (191.5286667d) Dec: -25 47 32.10 (-25.79225d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1246-25_110	(53) MACSJ1246.1-2547	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 3I (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1246-25_140	(53) MACSJ1246.1-2547	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 3I (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the timeline of Orbit 1, showing the sequence of events and their durations. The timeline is marked in seconds from 0 to 5500. Key events include: GS Acq: Ground Station Acquisition at approximately 0 seconds. Exp. 1: Exposure 1 at approximately 400 seconds. Pointing Maneuver: Pointing maneuver at approximately 700 seconds. Exp. 2: Exposure 2 at approximately 1100 seconds. Pointing Maneuver: Pointing maneuver at approximately 1400 seconds. Reconfig: Reconfiguration at approximately 1700 seconds. Unused Visibility = 1280: Period of unused visibility from approximately 1900 to 3200 seconds. Occultation: Occultation period starting at approximately 3300 seconds.									

Proposal 12884 - Visit 3J - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3J, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:21 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(54)	MACSJ1258.0+4702	RA: 12 58 2.0900 (194.5087083d) Dec: +47 02 53.50 (47.04819d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1258+47_11_0	(54) MACSJ1258.0+4702	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 3J (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1258+47_14_0	(54) MACSJ1258.0+4702	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 3J (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Exp. 2, Pointing Maneuver, Reconfig, Unused Visibility = 1404, Occultation. Timeline scale: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec									

Proposal 12884 - Visit 3K - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3K, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:22 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(55)	MACSJ1305.9+2630	RA: 13 05 58.9200 (196.4955000d) Dec: +26 30 47.10 (26.51308d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1305+26_11_0	(55) MACSJ1305.9+2630	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15	GS ACQ SCENARIO SINGLE	Pattern 2, Exps 1-1 in Visit 3K (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1305+26_14_0	(55) MACSJ1305.9+2630	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 3K (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 3L - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3L, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:22 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(56)	MACSJ1322.8+3138	RA: 13 22 48.8100 (200.7033750d) Dec: +31 39 16.80 (31.65467d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1322+31_11_0	(56) MACSJ1322.8+3138	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 3L (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1322+31_14_0	(56) MACSJ1322.8+3138	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 3L (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 3M - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3M, scheduling Wed Oct 03 01:51:23 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.636 Line Spacing=			(1), (2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(57)	MACSJ1328.2+5244	RA: 13 28 15.2000 (202.0633333d) Dec: +52 44 4.50 (52.73458d) Equinox: J2000		V=14.0+/-0.1
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1328+52_11_0	(57) MACSJ1328.2+5244	WFC3/IR, MULTIACCUM, IR	F110W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 1-1 in Visit 3M (2)
					Exp. Time/[Actual Dur.]
					[==>(Pattern 1)] [==>(Pattern 2)]
					Orbit
					[1]
	2	1328+52_14_0	(57) MACSJ1328.2+5244	WFC3/IR, MULTIACCUM, IR	F140W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 2-2 in Visit 3M (2)
					Exp. Time/[Actual Dur.]
					[==>(Pattern 1)] [==>(Pattern 2)]
					Orbit
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the timeline of Orbit 1, starting from 0 seconds and ending at 5500 seconds. Key events include: GS Acq: Ground Station Acquisition at approximately 100 seconds. Exp. 1: Exposure 1 at approximately 400 seconds. Pointing Maneuver: First pointing maneuver at approximately 700 seconds. Exp. 2: Exposure 2 at approximately 1100 seconds. Pointing Maneuver: Second pointing maneuver at approximately 1400 seconds. Reconfig: Reconfiguration at approximately 1700 seconds. Unused Visibility = 1457: A period of unused visibility from approximately 2000 to 3457 seconds. Occultation: Occultation event at approximately 3457 seconds. The timeline is marked with a scale from 0 to 5500 seconds, with major ticks every 500 seconds.				

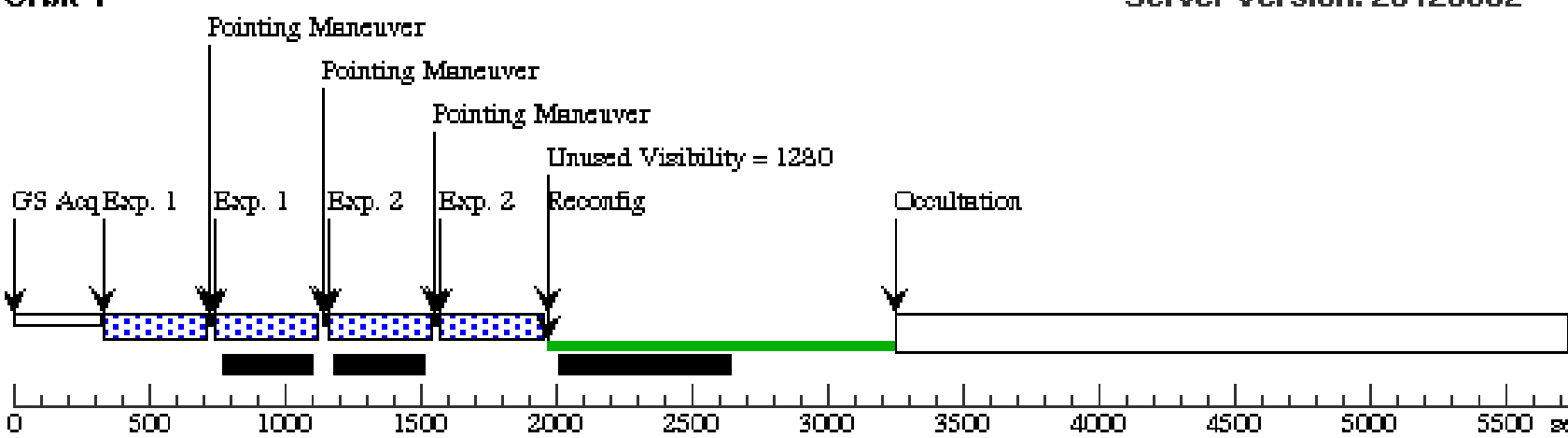
Proposal 12884 - Visit 3N - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3N, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:24 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(58)	MACSJ1359.1-1929	RA: 13 59 10.3900 (209.7932917d) Dec: -19 29 25.10 (-19.49031d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1359-19_11_0	(58) MACSJ1359.1-1929	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 3N (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1359-19_14_0	(58) MACSJ1359.1-1929	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 3N (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. It begins with 'GS Acq' at approximately 100 seconds. This is followed by 'Exp. 1' (indicated by a blue checkered bar) and a 'Pointing Maneuver' (black bar). Then, 'Exp. 2' (blue checkered bar) occurs, followed by another 'Pointing Maneuver' (black bar). A second 'Exp. 2' (blue checkered bar) follows, leading to a 'Reconfig' event (green bar). After a period of 'Unused Visibility = 1271' (green bar), an 'Occultation' event (white bar) begins. The timeline is marked in seconds from 0 to 5500.									

Proposal 12884 - Visit 3O - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3O, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:24 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(59)	MACSJ1427.2+4407	RA: 14 27 16.1500 (216.8172917d) Dec: +44 07 31.10 (44.12531d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1427+44_11_0	(59) MACSJ1427.2+4407	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15	GS ACQ SCENARIO SINGLE	Pattern 2, Exps 1-1 in Visit 3O (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1427+44_14_0	(59) MACSJ1427.2+4407	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 3O (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 3P - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3P, scheduling										Wed Oct 03 01:51:25 GMT 2012																													
	Diagnostic Status: No Diagnostics																																							
	Scientific Instruments: WFC3/IR																																							
	Special Requirements: (none)																																							
Patterns	#	Primary Pattern										Secondary Pattern										Exposures																		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false																				(1), (2)																		
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous																								
	(60)	MACSJ1427.6-2521		RA: 14 27 39.5200 (216.9146667d) Dec: -25 21 3.10 (-25.35086d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS																								
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit																							
	1	1427-25_110	(60) MACSJ1427.6-2521	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 3P (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]																							
	2	1427-25_140	(60) MACSJ1427.6-2521	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 3P (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]																							
Orbit Structure	Orbit 1																				Server Version: 20120802																			
																																								

Proposal 12884 - Visit 3Q - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:51:26 GMT 2012

Visit	Proposal 12884, Visit 3Q, scheduling										Wed Oct 03 01:51:26 GMT 2012			
	Diagnostic Status: No Diagnostics													
	Scientific Instruments: WFC3/IR													
	Special Requirements: (none)													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=					Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false					(1), (2)		
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(61)	MACSJ1447.4+0827	RA: 14 47 26.0000 (221.8583333d) Dec: +08 28 25.50 (8.47375d) Equinox: J2000						V=14.0+/-1.0		Reference Frame: ICRS			
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit		
	1	1447+08_110	(61) MACSJ1447.4+0827	WFC3/IR, MULTIACCUM, IR		F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 3Q (2)	[>=>(Pattern 1)] [>=>(Pattern 2)]		[1]		
	2	1447+08_140	(61) MACSJ1447.4+0827	WFC3/IR, MULTIACCUM, IR		F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 3Q (2)	[>=>(Pattern 1)] [>=>(Pattern 2)]		[1]		
Orbit Structure	Orbit 1												Server Version: 20120802	

Proposal 12884 - Visit 3R - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3R, scheduling										Wed Oct 03 01:51:26 GMT 2012												
	Diagnostic Status: No Diagnostics																						
	Scientific Instruments: WFC3/IR																						
	Special Requirements: (none)																						
Patterns	#	Primary Pattern										Secondary Pattern										Exposures	
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false																				(1), (2)	
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous							
	(62)	MACSJ1452.9+5802		RA: 14 52 57.5400 (223.2397500d) Dec: +58 02 55.20 (58.04867d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS							
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit						
	1	1452+58_110	(62) MACSJ1452.9+5802	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 3R (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]						
	2	1452+58_140	(62) MACSJ1452.9+5802	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 3R (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]						
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram shows a timeline from 0 to 5500 seconds. Key events include: GS Acq at ~100s, Exp. 1 at ~300s, Exp. 2 at ~1100s, Reconfig at ~1900s, and Occultation starting at ~3500s. Pointing maneuvers are indicated between exposures. A green bar represents the occultation period from 3500s to 5500s. A blue checkered bar represents the visibility period from ~300s to ~1900s. A black bar represents the unused visibility period from ~1900s to ~3500s.																						

Proposal 12884 - Visit 3S - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:51:27 GMT 2012

Visit	Proposal 12884, Visit 3S, scheduling										Wed Oct 03 01:51:27 GMT 2012		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: (none)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=					Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false					(1), (2)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(64)	MACSJ1551.9-0207	RA: 15 51 58.4600 (237.9935833d) Dec: -02 07 52.00 (-2.13111d) Equinox: J2000						V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit	
	1	1551-02_11_0	(64) MACSJ1551.9-0207	WFC3/IR, MULTIACCUM, IR		F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 3S (2)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]	
	2	1551-02_14_0	(64) MACSJ1551.9-0207	WFC3/IR, MULTIACCUM, IR		F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 3S (2)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]	
Orbit Structure	Orbit 1 Server Version: 20120802												
	GS Acq Exp. 1 Pointing Maneuver Exp. 2 Pointing Maneuver Exp. 2 Pointing Maneuver Reconfig Unused Visibility = 1256 Occultation												

Proposal 12884 - Visit 3T - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3T, scheduled Wed Oct 03 01:51:27 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.636 Line Spacing=			(1), (2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(65)	MACSJ1621.3+3810	RA: 16 21 24.7500 (245.3531250d) Dec: +38 10 8.60 (38.16906d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1621+38_11_0	(65) MACSJ1621.3+3810	WFC3/IR, MULTIACCUM, IR	F110W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 1-1 in Visit 3T (2)
					Exp. Time/[Actual Dur.]
					[==>(Pattern 1)] [==>(Pattern 2)]
					Orbit
					[1]
	2	1621+38_14_0	(65) MACSJ1621.3+3810	WFC3/IR, MULTIACCUM, IR	F140W
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 2-2 in Visit 3T (2)
					Exp. Time/[Actual Dur.]
					[==>(Pattern 1)] [==>(Pattern 2)]
					Orbit
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the sequence of events for Orbit 1. Key events include Ground Station Acquisition (GS Acq), two exposures (Exp. 1 and Exp. 2), three pointing maneuvers, a reconfiguration period, a long unused visibility period of 1314 seconds, an occultation period, and a final long exposure period.				

Proposal 12884 - Visit 3U - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:51:28 GMT 2012

Visit	Proposal 12884, Visit 3U, scheduling					Wed Oct 03 01:51:28 GMT 2012				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false					(1), (2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(66)	MACSJ1625.7-0830	RA: 16 25 45.9300 (246.4413750d) Dec: -08 30 54.20 (-8.51506d) Equinox: J2000		V=14.0+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config.Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1625-08_110	(66) MACSJ1625.7-0830	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 3U (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	1625-08_140	(66) MACSJ1625.7-0830	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 3U (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 3V - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3V, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:29 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(67)	MACSJ1644.9+0139	RA: 16 45 0.9200 (251.2538333d) Dec: +01 40 7.60 (1.66878d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1644+01_11_0	(67) MACSJ1644.9+0139	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 3V (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1644+01_14_0	(67) MACSJ1644.9+0139	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 3V (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 3W - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3W, scheduling Wed Oct 03 01:51:29 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1), (2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(68)	MACSJ1731.6+2252	RA: 17 31 39.9900 (262.9166250d) Dec: +22 51 57.80 (22.86606d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1731+22_11_0	(68) MACSJ1731.6+2252	WFC3/IR, MULTIACCUM, IR	F110W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 1-1 in Visit 3W (2)
					Exp. Time/[Actual Dur.]
					[==>(Pattern 1)] [==>(Pattern 2)]
					Orbit
					[1]
	2	1731+22_14_0	(68) MACSJ1731.6+2252	WFC3/IR, MULTIACCUM, IR	F140W
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 2-2 in Visit 3W (2)
					Exp. Time/[Actual Dur.]
					[==>(Pattern 1)] [==>(Pattern 2)]
					Orbit
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the sequence of events for Orbit 1. It starts with a Ground Station Acquisition (GS Acq) at 0 seconds, followed by the first exposure (Exp. 1) from 50 to 100 seconds. A pointing maneuver occurs from 100 to 150 seconds, followed by the second exposure (Exp. 2) from 150 to 200 seconds. Another pointing maneuver occurs from 200 to 250 seconds, followed by a second exposure (Exp. 2) from 250 to 300 seconds. A third pointing maneuver occurs from 300 to 350 seconds, followed by a reconfiguration (Reconfig) from 350 to 400 seconds. The remaining time from 400 to 5500 seconds is labeled as 'Unused Visibility = 1271'. The orbit ends with an occultation at 5500 seconds. The timeline is marked with a scale from 0 to 5500 seconds.				

Proposal 12884 - Visit 3X - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:51:30 GMT 2012

Visit	Proposal 12884, Visit 3X, scheduling										Wed Oct 03 01:51:30 GMT 2012												
	Diagnostic Status: No Diagnostics																						
	Scientific Instruments: WFC3/IR																						
	Special Requirements: (none)																						
Patterns	#	Primary Pattern										Secondary Pattern										Exposures	
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false																				(1), (2)	
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous							
	(69)	MACSJ1752.0+4440		RA: 17 51 59.0000 (267.9958333d) Dec: +44 39 40.00 (44.66111d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS							
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit							
	1	1752+44_11_0	(69) MACSJ1752.0+4440	WFC3/IR, MULTIACCUM, IR		F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 3X (2)		[=>(Pattern 1)] [=>(Pattern 2)]		[1]							
	2	1752+44_14_0	(69) MACSJ1752.0+4440	WFC3/IR, MULTIACCUM, IR		F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 3X (2)		[=>(Pattern 1)] [=>(Pattern 2)]		[1]							
Orbit Structure	Orbit 1 Server Version: 20120802 05001000150020002500300035004000450050005500sec																						

Proposal 12884 - Visit 3Y - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3Y, scheduling										Wed Oct 03 01:51:31 GMT 2012												
	Diagnostic Status: No Diagnostics																						
	Scientific Instruments: WFC3/IR																						
	Special Requirements: (none)																						
Patterns	#	Primary Pattern										Secondary Pattern										Exposures	
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false																				(1), (2)	
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous							
	(70)	MACSJ1806.8+2931		RA: 18 06 52.4300 (271.7184583d) Dec: +29 30 12.80 (29.50356d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS							
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit						
	1	1806+29_11 0	(70) MACSJ1806.8+ 2931	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 i n Visit 3Y (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]						
	2	1806+29_14 0	(70) MACSJ1806.8+ 2931	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 i n Visit 3Y (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]						
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1 over a 5500-second period. Key events include: GS Acq (0s), Exp. 1 (approx. 400s), Pointing Maneuver (approx. 750s), Exp. 2 (approx. 1100s), Pointing Maneuver (approx. 1400s), Exp. 2 (approx. 1700s), Reconfig (approx. 2000s), Unused Visibility = 1280 (approx. 2000s to 3280s), and Occultation (approx. 3280s to 5500s). The timeline is marked in seconds from 0 to 5500.																						

Proposal 12884 - Visit 3Z - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 3Z, scheduling										Wed Oct 03 01:51:31 GMT 2012																													
	Diagnostic Status: No Diagnostics																																							
	Scientific Instruments: WFC3/IR																																							
	Special Requirements: (none)																																							
Patterns	#	Primary Pattern										Secondary Pattern										Exposures																		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false																				(1), (2)																		
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous																								
	(71)	MACSJ2003.4-2322		RA: 20 03 31.2000 (300.8800000d) Dec: -23 24 0.00 (-23.40000d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS																								
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit																								
	1	2003-23_11_0	(71) MACSJ2003.4-2322	WFC3/IR, MULTIACCUM, IR		F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 3Z (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]																								
	2	2003-23_14_0	(71) MACSJ2003.4-2322	WFC3/IR, MULTIACCUM, IR		F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 3Z (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]																								
Orbit Structure	Orbit 1																				Server Version: 20120802																			
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec																																							

Proposal 12884 - Visit 4A - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4A, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:32 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(72)	MACSJ2046.0-3430	RA: 20 46 0.5900 (311.5024583d) Dec: -34 30 18.90 (-34.50525d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2046-34_110	(72) MACSJ2046.0-3430	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4A (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	2046-34_140	(72) MACSJ2046.0-3430	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4A (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 4B - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4B, scheduling										Wed Oct 03 01:51:33 GMT 2012												
	Diagnostic Status: No Diagnostics																						
	Scientific Instruments: WFC3/IR																						
	Special Requirements: (none)																						
Patterns	#	Primary Pattern										Secondary Pattern										Exposures	
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false																				(1), (2)	
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous							
	(73)	MACSJ2049.9-3217		RA: 20 49 55.8700 (312.4827917d) Dec: -32 16 48.40 (-32.28011d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS							
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit							
	1	2049-32_110	(73) MACSJ2049.9-3217	WFC3/IR, MULTIACCUM, IR		F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 4B (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]							
	2	2049-32_140	(73) MACSJ2049.9-3217	WFC3/IR, MULTIACCUM, IR		F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 4B (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]							
Orbit Structure	Orbit 1 Server Version: 20120802 GS AcqExp. 1Exp. 1Exp. 2Exp. 2Unused Visibility = 1294Occultation Pointing ManeuverPointing ManeuverPointing ManeuverReconfig 05001000150020002500300035004000450050005500 sec																						

Proposal 12884 - Visit 4C - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:51:33 GMT 2012

Visit	Proposal 12884, Visit 4C, implementation					Wed Oct 03 01:51:33 GMT 2012				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false					(1), (2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(74)	MACSJ2050.7+0123	RA: 20 50 43.1700 (312.6798750d) Dec: +01 23 28.30 (1.39119d) Equinox: J2000		V=14.0+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config.Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2050+01_11_0	(74) MACSJ2050.7+0123	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4C (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	2050+01_14_0	(74) MACSJ2050.7+0123	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4C (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									
The diagram illustrates the timeline of Orbit 1, starting at 0 seconds and ending at 5500 seconds. Key events are marked with arrows: GS Acq at ~100s, Exp. 1 at ~300s, Pointing Maneuver at ~700s, Exp. 2 at ~1100s, Pointing Maneuver at ~1400s, Exp. 2 at ~1600s, Pointing Maneuver at ~1900s, Reconfig at ~2000s, and Occultation at ~3200s. A blue checkered bar represents the observation period from ~300s to ~2000s. A green bar represents the 'Unused Visibility' period from ~2000s to ~3200s, labeled 'Unused Visibility = 1256'. Black bars below the timeline indicate specific exposure durations within the observation period.										

Proposal 12884 - Visit 4D - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4D, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:34 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(77)	MACSJ2134.6-2706	RA: 21 34 35.9900 (323.6499583d) Dec: -27 05 56.00 (-27.09889d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2134-27_11 0	(77) MACSJ2134.6-2706	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4D (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	2134-27_14 0	(77) MACSJ2134.6-2706	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4D (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. It begins with 'GS Acq' at approximately 100 seconds, followed by 'Exp. 1' at 300 seconds. A 'Pointing Maneuver' occurs at 700 seconds, followed by 'Exp. 2' at 1100 seconds. Another 'Pointing Maneuver' occurs at 1300 seconds, followed by 'Exp. 2' at 1500 seconds. A 'Reconfig' event occurs at 1900 seconds, followed by a period of 'Unused Visibility = 1280' seconds. Finally, an 'Occultation' event occurs at approximately 3300 seconds. The timeline is marked in seconds from 0 to 5500.									

Proposal 12884 - Visit 4E - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4E, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:34 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(79)	MACSJ2149.3+0951	RA: 21 49 22.0000 (327.3416667d) Dec: +09 51 10.00 (9.85278d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2149+09_11 0	(79) MACSJ2149.3+ 0951	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 4E (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	2149+09_14 0	(79) MACSJ2149.3+ 0951	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 4E (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 4F - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4F, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:35 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(81)	MACSJ2211.7-0349	RA: 22 11 45.9500 (332.9414583d) Dec: -03 49 45.20 (-3.82922d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2211-03_110	(81) MACSJ2211.7-0349	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4F (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	2211-03_140	(81) MACSJ2211.7-0349	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4F (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure for Orbit 1. The timeline starts at 0 seconds and ends at 5500 seconds. Key events include: GS Acq (Ground Station Acquisition) at approximately 100 seconds. Exp. 1 (Exposure 1) at approximately 400 seconds. Exp. 2 (Exposure 2) at approximately 1100 seconds. Exp. 2 (Exposure 2) at approximately 1400 seconds. Reconfig (Reconfiguration) at approximately 1900 seconds. Unused Visibility = 1256 (Unused visibility time) from approximately 1900 to 3200 seconds. Occultation (Occultation period) from approximately 3200 to 5500 seconds. The observation period is marked by a blue checkered bar from approximately 400 to 1900 seconds. The occultation period is marked by a green bar from approximately 3200 to 5500 seconds.									

Proposal 12884 - Visit 4G - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4G, scheduling										Wed Oct 03 01:51:36 GMT 2012																													
	Diagnostic Status: No Diagnostics																																							
	Scientific Instruments: WFC3/IR																																							
	Special Requirements: (none)																																							
Patterns	#	Primary Pattern										Secondary Pattern										Exposures																		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false																				(1), (2)																		
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous																								
	(82)	MACSJ2228.5+2036		RA: 22 28 33.8200 (337.1409167d) Dec: +20 37 15.60 (20.62100d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS																								
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit																							
	1	2228+20_11_0	(82) MACSJ2228.5+2036	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 4G (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]																							
	2	2228+20_14_0	(82) MACSJ2228.5+2036	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 4G (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]																							
Orbit Structure	Orbit 1																				Server Version: 20120802																			

Proposal 12884 - Visit 4H - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4H, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:36 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(83)	MACSJ2229.7-2755	RA: 22 29 47.0000 (337.4458333d) Dec: -27 55 20.00 (-27.92222d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2229-27_11_0	(83) MACSJ2229.7-2755	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15	GS ACQ SCENARIO SINGLE	Pattern 2, Exps 1-1 in Visit 4H (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	2229-27_14_0	(83) MACSJ2229.7-2755	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4H (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 4I - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4I, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:37 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(84)	MACSJ2241.8+1732	RA: 22 41 56.3500 (340.4847917d) Dec: +17 32 35.00 (17.54306d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2241+17_11_0	(84) MACSJ2241.8+1732	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4I (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	2241+17_14_0	(84) MACSJ2241.8+1732	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4I (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 4J - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:51:38 GMT 2012

Visit	Proposal 12884, Visit 4J, scheduling					Wed Oct 03 01:51:38 GMT 2012				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR									
	Special Requirements: (none)									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.636 Line Spacing=					(1), (2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(86)	MACSJ2245.0+2637	RA: 22 45 4.7600 (341.2698333d) Dec: +26 38 4.30 (26.63453d) Equinox: J2000		V=14.0+/-1.0	Reference Frame: ICRS				
Exposures	#	Label	Target	Config.Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2245+26_11_0	(86) MACSJ2245.0+2637	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4J (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
Exposures	2	2245+26_14_0	(86) MACSJ2245.0+2637	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4J (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]
	Orbit 1 Server Version: 20120802 05001000150020002500300035004000450050005500 sec									

Proposal 12884 - Visit 4K - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4K, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:38 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(87)	MACSJ2245.4+2808	RA: 22 45 24.6100 (341.3525417d) Dec: +28 08 3.00 (28.13417d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2245+28_11_0	(87) MACSJ2245.4+2808	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4K (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	2245+28_14_0	(87) MACSJ2245.4+2808	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4K (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. It begins with a 'GS Acq' segment, followed by 'Exp. 1' and 'Exp. 2' (each with a 'Pointing Maneuver' above it). A 'Reconfig' segment follows, leading to 'Unused Visibility = 1280' seconds. This is followed by an 'Occultation' segment. The timeline is marked in seconds from 0 to 5500.									

Proposal 12884 - Visit 4L - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4L, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:39 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(88)	MACSJ2311.5+0338	RA: 23 11 33.3300 (347.8888750d) Dec: +03 38 3.80 (3.63439d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2311+03_11_0	(88) MACSJ2311.5+0338	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15	GS ACQ SCENARIO SINGLE	Pattern 2, Exps 1-1 in Visit 4L (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	2311+03_14_0	(88) MACSJ2311.5+0338	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4L (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 4M - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4M, scheduling										Wed Oct 03 01:51:39 GMT 2012		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR												
	Special Requirements: (none)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(1), (2)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(90)	SMACSJ0018.9-4051	RA: 00 19 1.5700 (4.7565417d) Dec: -40 51 50.80 (-40.86411d) Equinox: J2000						V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit	
	1	0018-40_110	(90) SMACSJ0018.9-4051	WFC3/IR, MULTIACCUM, IR		F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4M (2)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
	2	0018-40_140	(90) SMACSJ0018.9-4051	WFC3/IR, MULTIACCUM, IR		F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4M (2)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
Orbit Structure	Orbit 1												
	Server Version: 20120802												
	The diagram illustrates the mission timeline for Orbit 1, spanning from 0 to 5500 seconds. Key events and phases are marked with arrows and labels: GS Acq (at ~100s), Exp. 1 (at ~300s), Pointing Maneuver (at ~700s), Exp. 2 (at ~1100s), another Pointing Maneuver (at ~1300s), a third Pointing Maneuver (at ~1500s), Exp. 2 (at ~1700s), Reconfig (at ~1900s), Unused Visibility = 1360 (from ~2000s to ~3360s), and Occultation (starting at ~3360s). The timeline is segmented into colored blocks: blue checkered blocks represent exposure periods (Exp. 1 and Exp. 2), black blocks represent pointing maneuvers, a green block represents the reconfiguration period, and a long white block represents the occultation period. A horizontal axis at the bottom is marked with time in seconds from 0 to 5500 in increments of 500.												

Proposal 12884 - Visit 4N - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4N, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:40 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(91)	SMACSJ0028.2-7537	RA: 00 28 9.7800 (7.0407500d) Dec: -75 37 45.10 (-75.62919d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0028-75_11 0	(91) SMACSJ0028.2 -7537	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 4N (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0028-75_14 0	(91) SMACSJ0028.2 -7537	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 4N (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 4O - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4O, scheduling					Wed Oct 03 01:51:41 GMT 2012					
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false								(1), (2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(92)	SMACSJ0040.8-4407	RA: 00 40 49.9900 (10.2082917d) Dec: -44 07 50.60 (-44.13072d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	0040-44_110	(92) SMACSJ0040.8-4407	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4O (2)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	0040-44_140	(92) SMACSJ0040.8-4407	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4O (2)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]
Orbit Structure	Orbit 1										
	Server Version: 20120802										
The diagram shows a timeline from 0 to 5500 seconds. Key events include: GS Acq at ~200s, Exp. 1 at ~400s, Exp. 2 at ~1100s, Reconfig at ~1900s, and Occultation starting at ~3300s. Pointing maneuvers occur between exposures. A blue checkered bar highlights the exposure period, and a green bar highlights the occultation period. A label 'Unused Visibility = 1360' is present between the reconfig and occultation periods.											

Proposal 12884 - Visit 4P - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4P, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:41 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(93)	SMACSJ0217.1-5244	RA: 02 17 14.9900 (34.3124583d) Dec: -52 45 37.80 (-52.76050d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0217-52_110	(93) SMACSJ0217.1-5244	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4P (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0217-52_140	(93) SMACSJ0217.1-5244	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4P (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 4Q - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4Q, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:42 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(94)	SMACSJ0234.7-5831	RA: 02 34 42.4300 (38.6767917d) Dec: -58 31 25.50 (-58.52375d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0234-58_110	(94) SMACSJ0234.7-5831	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4Q (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0234-58_140	(94) SMACSJ0234.7-5831	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4Q (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. It starts at 0 seconds and ends at 5500 seconds. Key events include: GS Acq (0-50s), Exp. 1 (50-750s), Exp. 2 (750-1150s), Reconfig (1150-1350s), Unused Visibility (1350-2000s), and Occultation (2000-5500s). Pointing maneuvers occur before each exposure segment. The timeline is marked with a scale from 0 to 5500 seconds.									

Proposal 12884 - Visit 4R - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:51:43 GMT 2012

Visit	Proposal 12884, Visit 4R, scheduling					Wed Oct 03 01:51:43 GMT 2012						
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)											
Patterns	#	Primary Pattern			Secondary Pattern		Exposures					
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false					(1), (2)					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous						
	(95)	SMACSJ0245.5-5302	RA: 02 45 30.3000 (41.3762500d) Dec: -53 02 6.50 (-53.03514d) Equinox: J2000		V=14.0+/-0.1	Reference Frame: ICRS						
Exposures	#	Label	Target	Config.Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit		
	1	0245-53_11_0	(95) SMACSJ0245.5-5302	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4R (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]		
	2	0245-53_14_0	(95) SMACSJ0245.5-5302	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4R (2)	[=>(Pattern 1)] [=>(Pattern 2)]	[1]		
Orbit Structure	Orbit 1										Server Version: 20120802	
	The diagram illustrates the timeline of Orbit 1, starting at 0 seconds and ending at 5500 seconds. Key events are marked with arrows: GS Acq (at ~100s), Exp. 1 (at ~300s), Pointing Maneuver (at ~700s), Exp. 2 (at ~1100s), Pointing Maneuver (at ~1400s), Exp. 2 (at ~1600s), Reconfig (at ~1900s), Unused Visibility = 1457 (from ~2000s to ~2600s), and Occultation (at ~3400s). The timeline is divided into segments: a blue checkered segment from ~300s to ~1900s, a green segment from ~2000s to ~3400s, and a white segment from ~3500s to ~5500s. Black bars are present below the timeline at ~700s, ~1100s, and ~1900s.											

Proposal 12884 - Visit 4S - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4S, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:43 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(96)	SMACSJ0304.3-4401	RA: 03 04 18.9000 (46.0787500d) Dec: -44 02 2.50 (-44.03403d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0304-44_11 0	(96) SMACSJ0304.3 -4401	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 4S (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0304-44_14 0	(96) SMACSJ0304.3 -4401	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 4S (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. It begins with a GS Acq phase, followed by a series of exposures (Exp. 1, Exp. 2) separated by pointing maneuvers. A reconfiguration period follows, leading to another exposure (Exp. 2). This is followed by another pointing maneuver and a period of unused visibility (1360 seconds). The orbit concludes with an occultation period and a final segment.									

Proposal 12884 - Visit 4T - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4T, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:44 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(97)	SMACSJ0332.8-8452	RA: 03 33 13.6500 (53.3068750d) Dec: -84 53 26.30 (-84.89064d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0332-84_110	(97) SMACSJ0332.8-8452	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4T (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0332-84_140	(97) SMACSJ0332.8-8452	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4T (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1, showing the sequence of events and their durations. The timeline is marked in seconds from 0 to 5500. Key events include: - GS Acq: Ground Station Acquisition at approximately 200 seconds. - Exp. 1: Exposure 1 at approximately 400 seconds. - Pointing Maneuver: First pointing maneuver at approximately 700 seconds. - Exp. 2: Exposure 2 at approximately 1000 seconds. - Pointing Maneuver: Second pointing maneuver at approximately 1300 seconds. - Exp. 2: Exposure 2 at approximately 1600 seconds. - Reconfig: Reconfiguration at approximately 1900 seconds. - Unused Visibility = 1666: Period of unused visibility from approximately 2000 to 3666 seconds. - Occultation: Occultation event at approximately 3666 seconds.									

Proposal 12884 - Visit 4U - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4U, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:45 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(98)	SMACSJ0359.1-7205	RA: 03 59 13.4200 (59.8059167d) Dec: -72 05 6.20 (-72.08506d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0359-72_11 0	(98) SMACSJ0359.1 -7205	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 4U (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0359-72_14 0	(98) SMACSJ0359.1 -7205	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 4U (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1, showing the sequence of events and their durations. The timeline is marked in seconds from 0 to 5500. Key events include: - GS Acq: Ground Station Acquisition at approximately 0 seconds. - Exp. 1: Exposure 1 at approximately 400 seconds. - Pointing Maneuver: Maneuver at approximately 700 seconds. - Exp. 2: Exposure 2 at approximately 1100 seconds. - Pointing Maneuver: Maneuver at approximately 1400 seconds. - Reconfig: Reconfiguration at approximately 1700 seconds. - Unused Visibility = 1662: Period of unused visibility from approximately 1900 to 3562 seconds. - Occultation: Occultation event at approximately 3600 seconds.									

Proposal 12884 - Visit 4V - A Snapshot Survey of The Most Massive Clusters of Galaxies

Wed Oct 03 01:51:46 GMT 2012

Visit	Proposal 12884, Visit 4V, scheduling					Wed Oct 03 01:51:46 GMT 2012					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR										
	Special Requirements: (none)										
Patterns	#	Primary Pattern			Secondary Pattern		Exposures				
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false					(1), (2)				
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(99)	SMACSJ0406.0-4916	RA: 04 05 58.7600 (61.4948333d) Dec: -49 15 59.20 (-49.26644d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS		
Exposures	#	Label	Target	Config.Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	0406-49_11_0	(99) SMACSJ0406.0-4916	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4V (2)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
	2	0406-49_14_0	(99) SMACSJ0406.0-4916	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4V (2)	[=>(Pattern 1)] [=>(Pattern 2)]		[1]
Orbit Structure	Orbit 1										
	Server Version: 20120802										
The diagram illustrates the timeline of Orbit 1, starting at 0 seconds and ending at 5500 seconds. Key events are marked with arrows: GS Acq (at ~100s), Exp. 1 (at ~300s), Pointing Maneuver (at ~700s), Exp. 2 (at ~1100s), Pointing Maneuver (at ~1400s), Exp. 2 (at ~1600s), Reconfig (at ~1900s), and Occultation (at ~3400s). The timeline is divided into segments: a blue checkered segment from ~300s to ~1900s, a green segment from ~1900s to ~3400s, and a white segment from ~3400s to ~5500s. A black bar is present below the blue checkered segment from ~700s to ~1400s. The text 'Unused Visibility = 1404' is displayed above the green segment.											

Proposal 12884 - Visit 4W - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4W, scheduling										Wed Oct 03 01:51:47 GMT 2012			
	Diagnostic Status: No Diagnostics													
	Scientific Instruments: WFC3/IR													
	Special Requirements: (none)													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(1), (2)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(100)	SMACSJ0439.2-4600		RA: 04 39 13.9500 (69.8081250d) Dec: -46 00 49.20 (-46.01367d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS				
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit		
	1	0439-46_110	(100) SMACSJ0439.2-4600	WFC3/IR, MULTIACCUM, IR		F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4W (2)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]		
	2	0439-46_140	(100) SMACSJ0439.2-4600	WFC3/IR, MULTIACCUM, IR		F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4W (2)	[==>(Pattern 1)] [==>(Pattern 2)]		[1]		
Orbit Structure	Orbit 1												Server Version: 20120802	

Proposal 12884 - Visit 4X - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4X, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:47 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(101)	SMACSJ0549.3-6205	RA: 05 49 19.9200 (87.3330000d) Dec: -62 05 13.60 (-62.08711d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0549-62_11 0	(101) SMACSJ0549.3-6205	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4X (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0549-62_14 0	(101) SMACSJ0549.3-6205	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4X (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. It starts with a Ground Station Acquisition (GS Acq) phase from 0 to 50 seconds. This is followed by the first exposure (Exp. 1) from 50 to 100 seconds. A Pointing Maneuver occurs from 100 to 150 seconds. The second exposure (Exp. 2) follows from 150 to 200 seconds. Another Pointing Maneuver occurs from 200 to 250 seconds. A Reconfiguration (Reconfig) phase follows from 250 to 300 seconds. A period of Unused Visibility lasting 1538 seconds follows, ending at 2000 seconds. The timeline then shows an Occultation phase from 2000 to 3500 seconds. The total duration of the orbit is 5500 seconds.									

Proposal 12884 - Visit 4Y - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4Y, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:48 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(102)	SMACSJ0600.2-4353	RA: 06 00 13.1600 (90.0548333d) Dec: -43 53 31.40 (-43.89206d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0600-43_110	(102) SMACSJ0600.2-4353	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4Y (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0600-43_140	(102) SMACSJ0600.2-4353	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4Y (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Exp. 2, Pointing Maneuver, Exp. 2, Pointing Maneuver, Reconfig, Unused Visibility = 1360, Occultation Timeline scale: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec									

Proposal 12884 - Visit 4Z - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 4Z, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:49 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(103)	SMACSJ0723.3-7327	RA: 07 23 19.0100 (110.8292083d) Dec: -73 27 18.30 (-73.45508d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0723-73_110	(103) SMACSJ0723.3-7327	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 4Z (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0723-73_140	(103) SMACSJ0723.3-7327	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 4Z (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802									

Proposal 12884 - Visit 5A - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 5A, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:49 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(104)	SMACSJ1519.1-8130	RA: 15 18 54.8720 (229.7286333d) Dec: -81 30 23.58 (-81.50655d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	1519-81_11 0	(104) SMACSJ1519.1-8130	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 5A (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	1519-81_14 0	(104) SMACSJ1519.1-8130	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 5A (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 5B - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 5B, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:50 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(105)	SMACSJ2031.8-4036	RA: 20 31 47.8300 (307.9492917d) Dec: -40 36 55.80 (-40.61550d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2031-40_110	(105) SMACSJ2031.8-4036	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 5B (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	2031-40_140	(105) SMACSJ2031.8-4036	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 5B (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. It begins with a 'GS Acq' (Ground Station Acquisition) at approximately 100 seconds. This is followed by 'Exp. 1' (Exposure 1) at 300 seconds. A 'Pointing Maneuver' occurs at 700 seconds. 'Exp. 2' (Exposure 2) follows at 1100 seconds. Another 'Pointing Maneuver' occurs at 1500 seconds. A second 'Exp. 2' is scheduled at 1900 seconds. A 'Reconfig' (Reconfiguration) event occurs at 2000 seconds. A period of 'Unused Visibility = 1360' seconds follows, ending at 3360 seconds. Finally, an 'Occultation' event occurs at 3360 seconds. The timeline is marked in seconds from 0 to 5500.									

Proposal 12884 - Visit 5C - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 5C, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:51 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(106)	SMACSJ2332.4-5358	RA: 23 32 27.4800 (353.1145000d) Dec: -53 58 29.40 (-53.97483d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	2332-53_110	(106) SMACSJ2332.4-5358	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 5C (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	2332-53_140	(106) SMACSJ2332.4-5358	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 5C (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. It begins with a 'GS Acq' (Ground Station Acquisition) at approximately 200 seconds, followed by 'Exp. 1' at 400 seconds. A 'Pointing Maneuver' occurs at 700 seconds, followed by 'Exp. 2' at 1100 seconds. Another 'Pointing Maneuver' occurs at 1300 seconds, followed by a second 'Exp. 2' at 1500 seconds. A 'Reconfig' event is scheduled for 1900 seconds, but the observation is interrupted by 'Unused Visibility = 1457' seconds (from 1900 to 3350 seconds) and an 'Occultation' starting at 3400 seconds. The timeline ends at 5500 seconds.									

Proposal 12884 - Visit 5D - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 5D, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:51 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(107)	EMACSJ0840.2+4421	RA: 08 40 9.3500 (130.0389583d) Dec: +44 21 54.00 (44.36500d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	e0840+44_1 10	(107) EMACSJ0840.2+4421	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 5D (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	e0840+44_1 40	(107) EMACSJ0840.2+4421	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 5D (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802									

Proposal 12884 - Visit 5E - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 5E, scheduling										Wed Oct 03 01:51:52 GMT 2012														
	Diagnostic Status: No Diagnostics																								
	Scientific Instruments: WFC3/IR																								
	Special Requirements: (none)																								
Patterns	#	Primary Pattern										Secondary Pattern										Exposures			
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=										Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(1), (2)			
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous									
	(108)	EMACSJ1057.5+5759		RA: 10 57 31.0900 (164.3795417d) Dec: +57 59 45.50 (57.99597d) Equinox: J2000								V=14.0+/-1.0				Reference Frame: ICRS									
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit							
	1	e1057+57_1 10	(108) EMACSJ1057.5+5759	WFC3/IR, MULTIACCUM, IR				F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 5E (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]							
	2	e1057+57_1 40	(108) EMACSJ1057.5+5759	WFC3/IR, MULTIACCUM, IR				F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 5E (2)		[==>(Pattern 1)] [==>(Pattern 2)]		[1]							
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the orbit structure for Orbit 1, spanning from 0 to 5500 seconds. Key events include: Pointing Maneuvers: Indicated by vertical arrows at approximately 750s, 1150s, and 1550s. Exposures: Labeled as 'Exp. 1' and 'Exp. 2' with arrows pointing to specific time points. Reconfig: A vertical arrow at approximately 1950s. Unused Visibility = 1518: A label indicating the duration of unused visibility time. Occultation: A vertical arrow at approximately 3500s, marking the start of the occultation period. The timeline is marked with a scale from 0 to 5500 seconds, with major ticks every 500 seconds. A blue checkered bar represents the observation window, and a green bar represents the occultation period.																								

Proposal 12884 - Visit 5F - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 5F, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:53 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(110)	MACSJ0018.5+1626	RA: 00 18 33.5000 (4.6395833d) Dec: +16 26 13.00 (16.43694d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0018+16_110	(110) MACSJ0018.5+1626	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 5F (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0018+16_140	(110) MACSJ0018.5+1626	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 5F (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the sequence of events for Orbit 1. It begins with a 'GS Acq' (Ground Station Acquisition) at approximately 100 seconds. This is followed by 'Exp. 1' (Exposure 1) at 300 seconds. A 'Pointing Maneuver' occurs at 700 seconds. 'Exp. 2' (Exposure 2) follows at 1100 seconds, with another 'Pointing Maneuver' at 1300 seconds. A second 'Exp. 2' occurs at 1500 seconds. A 'Reconfig' (Reconfiguration) happens at 1900 seconds. A period of 'Unused Visibility = 1271' seconds follows, ending at 3171 seconds. Finally, an 'Occultation' begins at 3300 seconds and continues until the end of the orbit at 5500 seconds. The timeline is marked in seconds from 0 to 5500.									

Proposal 12884 - Visit 5G - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 5G, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:53 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(109)	MACSJ0025.4-1222	RA: 00 25 29.1000 (6.3712500d) Dec: -12 22 39.00 (-12.37750d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0025-12_11 0	(109) MACSJ0025.4 -1222	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 5G (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0025-12_14 0	(109) MACSJ0025.4 -1222	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 5G (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline for Orbit 1, spanning from 0 to 5500 seconds. Key events and durations are marked: GS Acq: Initial acquisition phase. Exp. 1: First exposure segment. Exp. 2: Second exposure segment. Reconfig: Reconfiguration period. Unused Visibility = 1266: Period of unused visibility. Occultation: Final occultation phase. Pointing maneuvers are indicated by arrows above the timeline. The timeline is divided into segments with different patterns: blue and white checkered for exposures, solid green for reconfiguration, and solid black for occultation.									

Proposal 12884 - Visit 5H - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 5H, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:54 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(111)	MACSJ0257.1-2325	RA: 02 57 8.8000 (44.2866667d) Dec: -23 26 5.00 (-23.43472d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0257-23_11 0	(111) MACSJ0257.1 -2325	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 5H (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0257-23_14 0	(111) MACSJ0257.1 -2325	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 5H (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20120802 The diagram illustrates the timeline of Orbit 1. It starts at 0 seconds and ends at 5500 seconds. Key events include: GS Acq (0-50s), Exp. 1 (50-750s), Exp. 2 (750-1150s), Reconfig (1150-1250s), Unused Visibility (1250-3250s), and Occultation (3250-5500s). Pointing maneuvers occur before each exposure segment. The timeline is marked with a scale from 0 to 5500 seconds.									

Proposal 12884 - Visit 5I - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 5I, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)					Wed Oct 03 01:51:54 GMT 2012				
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(1), (2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(113)	MACSJ0911.2+1746	RA: 09 11 11.5000 (137.7979167d) Dec: +17 46 29.00 (17.77472d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS	
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	0911+17_11 0	(113) MACSJ0911.2 +1746	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 5I (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
	2	0911+17_14 0	(113) MACSJ0911.2 +1746	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 5I (2)	[==>(Pattern 1)] [==>(Pattern 2)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20120802 Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Exp. 2, Pointing Maneuver, Exp. 2, Pointing Maneuver, Reconfig, Unused Visibility = 1271, Occultation Timeline scale: 0, 500, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500 sec									

Proposal 12884 - Visit 5J - A Snapshot Survey of The Most Massive Clusters of Galaxies

Visit	Proposal 12884, Visit 5J, scheduling Wed Oct 03 01:51:55 GMT 2012				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	Exposures
	(2)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(1), (2)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(114)	MACSJ2214.9-1359	RA: 22 14 57.3000 (333.7387500d) Dec: -14 02 20.00 (-14.03889d) Equinox: J2000		V=14.0+/-1.0
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2214-13_11_0	(114) MACSJ2214.9-1359	WFC3/IR, MULTIACCUM, IR	F110W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 1-1 in Visit 5J (2)
					Exp. Time/[Actual Dur.]
					[==>(Pattern 1)] [==>(Pattern 2)]
					Orbit
					[1]
	2	2214-13_14_0	(114) MACSJ2214.9-1359	WFC3/IR, MULTIACCUM, IR	F140W
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 2-2 in Visit 5J (2)
					Exp. Time/[Actual Dur.]
					[==>(Pattern 1)] [==>(Pattern 2)]
					Orbit
					[1]
Orbit Structure	Orbit 1 Server Version: 20120802				
	The diagram illustrates the mission timeline for Orbit 1, spanning from 0 to 5500 seconds. Key events include Ground Station Acquisition (GS Acq), two exposure periods (Exp. 1 and Exp. 2), three pointing maneuvers, a reconfiguration period, a long unused visibility period of 1266 seconds, and an occultation period. A blue checkered bar highlights the primary observation window from 50 to 2000 seconds, while a green bar indicates a secondary period from 2000 to 3200 seconds.				