



15132 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Cycle: 25, 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	(4) EMACSJ0014.9-0056	ACS/WFC	1	15-Apr-2019 09:00:27.0	yes
02	(5) EMACSJ0026.2+0120	ACS/WFC	1	15-Apr-2019 09:00:28.0	yes
03	(73) EMACSJ0027.0+1252	ACS/WFC	1	15-Apr-2019 09:00:28.0	yes
04	(74) EMACSJ0031.2+1907	ACS/WFC	1	15-Apr-2019 09:00:29.0	yes

Proposal 15132 (STScI Edit Number: 1, Created: Monday, April 15, 2019 at 8:01:54 AM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
05	(7) EMACSJ0042.5-1103	ACS/WFC	1	15-Apr-2019 09:00:29.0	yes
06	(9) EMACSJ0045.2-0151	ACS/WFC	1	15-Apr-2019 09:00:30.0	yes
07	(75) EMACSJ0121.4+2143	ACS/WFC	1	15-Apr-2019 09:00:30.0	yes
08	(76) EMACSJ0124.0+0430	ACS/WFC	1	15-Apr-2019 09:00:31.0	yes
09	(11) EMACSJ0135.2+0847	ACS/WFC	1	15-Apr-2019 09:00:31.0	yes
11	(78) EMACSJ0224.5-1615	ACS/WFC	1	15-Apr-2019 09:00:32.0	yes
12	(79) EMACSJ0241.0+2557	ACS/WFC	1	15-Apr-2019 09:00:32.0	yes
13	(80) EMACSJ0248.2+0237	ACS/WFC	1	15-Apr-2019 09:00:33.0	yes
14	(12) EMACSJ0252.4-2100	ACS/WFC	1	15-Apr-2019 09:00:33.0	yes
15	(13) EMACSJ0256.7-1623	ACS/WFC	1	15-Apr-2019 09:00:34.0	yes
16	(14) EMACSJ0256.9-1631	ACS/WFC	1	15-Apr-2019 09:00:34.0	yes
17	(81) EMACSJ0325.4-0359	ACS/WFC	1	15-Apr-2019 09:00:35.0	yes
18	(82) EMACSJ0502.9-2902	ACS/WFC	1	15-Apr-2019 09:00:35.0	yes
19	(83) EMACSJ0742.9+5001	ACS/WFC	1	15-Apr-2019 09:00:36.0	yes
20	(16) EMACSJ0804.6+5325	ACS/WFC	1	15-Apr-2019 09:00:36.0	yes
21	(84) EMACSJ0850.2-0611	ACS/WFC	1	15-Apr-2019 09:00:37.0	yes
22	(20) EMACSJ0935.1+0614	ACS/WFC	1	15-Apr-2019 09:00:37.0	yes
23	(85) EMACSJ1025.0-1354	ACS/WFC	1	15-Apr-2019 09:00:38.0	yes
24	(24) EMACSJ1050.6+3548	ACS/WFC	1	15-Apr-2019 09:00:38.0	yes
25	(26) EMACSJ1131.1+3553	ACS/WFC	1	15-Apr-2019 09:00:39.0	yes
26	(86) EMACSJ1157.9-1046	ACS/WFC	1	15-Apr-2019 09:00:39.0	yes
27	(30) EMACSJ1209.4+2640	ACS/WFC	1	15-Apr-2019 09:00:40.0	yes
28	(31) EMACSJ1212.5-1216	ACS/WFC	1	15-Apr-2019 09:00:40.0	yes
29	(33) EMACSJ1248.2+0743	ACS/WFC	1	15-Apr-2019 09:00:41.0	yes
2L	(87) EMACSJ1251.3+3131	ACS/WFC	1	15-Apr-2019 09:00:41.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
30	(34) EMACSJ1341.9-2442	ACS/WFC	1	15-Apr-2019 09:00:41.0	yes
31	(35) EMACSJ1350.7-1055	ACS/WFC	1	15-Apr-2019 09:00:42.0	yes
32	(36) EMACSJ1353.7+4329	ACS/WFC	1	15-Apr-2019 09:00:42.0	yes
33	(37) EMACSJ1407.0-0015	ACS/WFC	1	15-Apr-2019 09:00:43.0	yes
34	(90) EMACSJ1414.7+5446	ACS/WFC	1	15-Apr-2019 09:00:43.0	yes
35	(38) EMACSJ1419.1-0624	ACS/WFC	1	15-Apr-2019 09:00:44.0	yes
36	(39) EMACSJ1430.0+4127	ACS/WFC	1	15-Apr-2019 09:00:44.0	yes
37	(40) EMACSJ1437.8+0616	ACS/WFC	1	15-Apr-2019 09:00:45.0	yes
38	(41) EMACSJ1443.2+0102	ACS/WFC	1	15-Apr-2019 09:00:45.0	yes
39	(43) EMACSJ1518.3+2927	ACS/WFC	1	15-Apr-2019 09:00:46.0	yes
40	(44) EMACSJ1523.1+1329	ACS/WFC	1	15-Apr-2019 09:00:46.0	yes
41	(48) EMACSJ1631.1+1528	ACS/WFC	1	15-Apr-2019 09:00:47.0	yes
42	(50) EMACSJ1732.4+1934	ACS/WFC	1	15-Apr-2019 09:00:47.0	yes
43	(51) EMACSJ1756.8+4008	ACS/WFC	1	15-Apr-2019 09:00:48.0	yes
44	(54) EMACSJ1831.1+6214	ACS/WFC	1	15-Apr-2019 09:00:48.0	yes
45	(88) EMACSJ2020.1-1432	ACS/WFC	1	15-Apr-2019 09:00:49.0	yes
46	(61) EMACSJ2045.8-2438	ACS/WFC	1	15-Apr-2019 09:00:49.0	yes
47	(62) EMACSJ2100.4+0724	ACS/WFC	1	15-Apr-2019 09:00:49.0	yes
48	(63) EMACSJ2137.2-2232	ACS/WFC	1	15-Apr-2019 09:00:50.0	yes
49	(66) EMACSJ2220.3-1211	ACS/WFC	1	15-Apr-2019 09:00:50.0	yes
50	(70) EMACSJ2315.3-2128	ACS/WFC	1	15-Apr-2019 09:00:51.0	yes
51	(72) EMACSJ2327.4-0204	ACS/WFC	1	15-Apr-2019 09:00:51.0	yes
52	(89) EMACSJ2351.6-2818	ACS/WFC	1	15-Apr-2019 09:00:52.0	yes
1Z	(93) MACSJ0150.3-1005	ACS/WFC	1	15-Apr-2019 09:00:52.0	yes
2A	(94) MACSJ2003.4-2322	ACS/WFC	1	15-Apr-2019 09:00:53.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
2C	(1) EMACSJ0324.0+2421	ACS/WFC	1	15-Apr-2019 09:00:53.0	yes
2D	(2) EMACSJ0127.5-0606	ACS/WFC	1	15-Apr-2019 09:00:54.0	yes
2E	(3) EMACSJ0122.7+1454	ACS/WFC	1	15-Apr-2019 09:00:54.0	yes
2O	(95) EMACSJ0153.4+1722	ACS/WFC	1	15-Apr-2019 09:00:55.0	yes
53	(4) EMACSJ0014.9-0056	ACS/WFC	1	15-Apr-2019 09:00:55.0	yes
1X	(91) MACSJ0520.7-1328	ACS/WFC	1	15-Apr-2019 09:00:56.0	yes
1Y	(92) MACSJ0027.4+2607	ACS/WFC	1	15-Apr-2019 09:00:56.0	yes
2F	(1) EMACSJ0324.0+2421	ACS/WFC	1	15-Apr-2019 09:00:57.0	yes
2G	(2) EMACSJ0127.5-0606	ACS/WFC	1	15-Apr-2019 09:00:57.0	yes
2H	(3) EMACSJ0122.7+1454	ACS/WFC	1	15-Apr-2019 09:00:58.0	yes
2N	(95) EMACSJ0153.4+1722	ACS/WFC	1	15-Apr-2019 09:00:58.0	yes
54	(5) EMACSJ0026.2+0120	ACS/WFC	1	15-Apr-2019 09:00:59.0	yes
55	(73) EMACSJ0027.0+1252	ACS/WFC	1	15-Apr-2019 09:00:59.0	yes
56	(74) EMACSJ0031.2+1907	ACS/WFC	1	15-Apr-2019 09:00:59.0	yes
57	(11) EMACSJ0135.2+0847	ACS/WFC	1	15-Apr-2019 09:01:00.0	yes
58	(9) EMACSJ0045.2-0151	ACS/WFC	1	15-Apr-2019 09:01:00.0	yes
59	(10) EMACSJ0101.1+1831	ACS/WFC	1	15-Apr-2019 09:01:01.0	yes
60	(76) EMACSJ0124.0+0430	ACS/WFC	1	15-Apr-2019 09:01:01.0	yes
61	(11) EMACSJ0135.2+0847	ACS/WFC	1	15-Apr-2019 09:01:02.0	yes
62	(78) EMACSJ0224.5-1615	ACS/WFC	1	15-Apr-2019 09:01:02.0	yes
63	(79) EMACSJ0241.0+2557	ACS/WFC	1	15-Apr-2019 09:01:03.0	yes
64	(80) EMACSJ0248.2+0237	ACS/WFC	1	15-Apr-2019 09:01:03.0	yes
65	(12) EMACSJ0252.4-2100	ACS/WFC	1	15-Apr-2019 09:01:04.0	yes
66	(14) EMACSJ0256.9-1631	ACS/WFC	1	15-Apr-2019 09:01:04.0	yes
67	(81) EMACSJ0325.4-0359	ACS/WFC	1	15-Apr-2019 09:01:05.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
68	(82) EMACSJ0502.9-2902	ACS/WFC	1	15-Apr-2019 09:01:05.0	yes
69	(83) EMACSJ0742.9+5001	ACS/WFC	1	15-Apr-2019 09:01:05.0	yes
70	(16) EMACSJ0804.6+5325	ACS/WFC	1	15-Apr-2019 09:01:06.0	yes
71	(84) EMACSJ0850.2-0611	ACS/WFC	1	15-Apr-2019 09:01:06.0	yes
72	(85) EMACSJ1025.0-1354	ACS/WFC	1	15-Apr-2019 09:01:07.0	yes
73	(24) EMACSJ1050.6+3548	ACS/WFC	1	15-Apr-2019 09:01:07.0	yes
74	(26) EMACSJ1131.1+3553	ACS/WFC	1	15-Apr-2019 09:01:08.0	yes
75	(28) EMACSJ1144.2-2836	ACS/WFC	1	15-Apr-2019 09:01:08.0	yes
76	(29) EMACSJ1148.0+5116	ACS/WFC	1	15-Apr-2019 09:01:09.0	yes
77	(86) EMACSJ1157.9-1046	ACS/WFC	1	15-Apr-2019 09:01:09.0	yes
78	(30) EMACSJ1209.4+2640	ACS/WFC	1	15-Apr-2019 09:01:10.0	yes
79	(31) EMACSJ1212.5-1216	ACS/WFC	1	15-Apr-2019 09:01:10.0	yes
80	(32) EMACSJ1222.3+2418	ACS/WFC	1	15-Apr-2019 09:01:11.0	yes
81	(33) EMACSJ1248.2+0743	ACS/WFC	1	15-Apr-2019 09:01:11.0	yes
82	(87) EMACSJ1251.3+3131	ACS/WFC	1	15-Apr-2019 09:01:12.0	yes
83	(34) EMACSJ1341.9-2442	ACS/WFC	1	15-Apr-2019 09:01:12.0	yes
84	(35) EMACSJ1350.7-1055	ACS/WFC	1	15-Apr-2019 09:01:12.0	yes
85	(36) EMACSJ1353.7+4329	ACS/WFC	1	15-Apr-2019 09:01:13.0	yes
86	(37) EMACSJ1407.0-0015	ACS/WFC	1	15-Apr-2019 09:01:13.0	yes
87	(90) EMACSJ1414.7+5446	ACS/WFC	1	15-Apr-2019 09:01:14.0	yes
88	(38) EMACSJ1419.1-0624	ACS/WFC	1	15-Apr-2019 09:01:14.0	yes
89	(39) EMACSJ1430.0+4127	ACS/WFC	1	15-Apr-2019 09:01:15.0	yes
90	(40) EMACSJ1437.8+0616	ACS/WFC	1	15-Apr-2019 09:01:15.0	yes
91	(41) EMACSJ1443.2+0102	ACS/WFC	1	15-Apr-2019 09:01:16.0	yes
92	(44) EMACSJ1523.1+1329	ACS/WFC	1	15-Apr-2019 09:01:16.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
93	(45) EMACSJ1527.6+2044	ACS/WFC	1	15-Apr-2019 09:01:17.0	yes
94	(51) EMACSJ1756.8+4008	ACS/WFC	1	15-Apr-2019 09:01:17.0	yes
95	(52) EMACSJ1757.5+3045	ACS/WFC	1	15-Apr-2019 09:01:18.0	yes
96	(56) EMACSJ1852.0+4900	ACS/WFC	1	15-Apr-2019 09:01:18.0	yes
97	(88) EMACSJ2020.1-1432	ACS/WFC	1	15-Apr-2019 09:01:19.0	yes
98	(58) EMACSJ2025.5-2313	ACS/WFC	1	15-Apr-2019 09:01:19.0	yes
99	(59) EMACSJ2026.7-1920	ACS/WFC	1	15-Apr-2019 09:01:20.0	yes
0A	(61) EMACSJ2045.8-2438	ACS/WFC	1	15-Apr-2019 09:01:20.0	yes
0B	(63) EMACSJ2137.2-2232	ACS/WFC	1	15-Apr-2019 09:01:20.0	yes
0C	(66) EMACSJ2220.3-1211	ACS/WFC	1	15-Apr-2019 09:01:21.0	yes
0D	(70) EMACSJ2315.3-2128	ACS/WFC	1	15-Apr-2019 09:01:21.0	yes
0E	(72) EMACSJ2327.4-0204	ACS/WFC	1	15-Apr-2019 09:01:22.0	yes
0F	(89) EMACSJ2351.6-2818	ACS/WFC	1	15-Apr-2019 09:01:22.0	yes
0G	(73) EMACSJ0027.0+1252	WFC3/IR	1	15-Apr-2019 09:01:23.0	yes
0H	(74) EMACSJ0031.2+1907	WFC3/IR	1	15-Apr-2019 09:01:24.0	yes
0I	(75) EMACSJ0121.4+2143	WFC3/IR	1	15-Apr-2019 09:01:24.0	yes
0J	(76) EMACSJ0124.0+0430	WFC3/IR	1	15-Apr-2019 09:01:25.0	yes
0K	(78) EMACSJ0224.5-1615	WFC3/IR	1	15-Apr-2019 09:01:26.0	yes
0L	(79) EMACSJ0241.0+2557	WFC3/IR	1	15-Apr-2019 09:01:26.0	yes
0M	(80) EMACSJ0248.2+0237	WFC3/IR	1	15-Apr-2019 09:01:27.0	yes
0N	(12) EMACSJ0252.4-2100	WFC3/IR	1	15-Apr-2019 09:01:27.0	yes
0O	(81) EMACSJ0325.4-0359	WFC3/IR	1	15-Apr-2019 09:01:28.0	yes
0P	(15) EMACSJ0403.6+1544	WFC3/IR	1	15-Apr-2019 09:01:29.0	yes
0Q	(82) EMACSJ0502.9-2902	WFC3/IR	1	15-Apr-2019 09:01:31.0	yes
0R	(83) EMACSJ0742.9+5001	WFC3/IR	1	15-Apr-2019 09:01:31.0	yes

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0S	(84) EMACSJ0850.2-0611	WFC3/IR	1	15-Apr-2019 09:01:32.0	yes
0T	(85) EMACSJ1025.0-1354	WFC3/IR	1	15-Apr-2019 09:01:32.0	yes
0U	(23) EMACSJ1030.5+5132	WFC3/IR	1	15-Apr-2019 09:01:33.0	yes
0V	(24) EMACSJ1050.6+3548	WFC3/IR	1	15-Apr-2019 09:01:34.0	yes
0W	(26) EMACSJ1131.1+3553	WFC3/IR	1	15-Apr-2019 09:01:34.0	yes
0X	(27) EMACSJ1136.8+0005	WFC3/IR	1	15-Apr-2019 09:01:35.0	yes
0Y	(86) EMACSJ1157.9-1046	WFC3/IR	1	15-Apr-2019 09:01:36.0	yes
0Z	(30) EMACSJ1209.4+2640	WFC3/IR	1	15-Apr-2019 09:01:36.0	yes
1A	(31) EMACSJ1212.5-1216	WFC3/IR	1	15-Apr-2019 09:01:37.0	yes
1B	(32) EMACSJ1222.3+2418	WFC3/IR	1	15-Apr-2019 09:01:37.0	yes
1C	(87) EMACSJ1251.3+3131	WFC3/IR	1	15-Apr-2019 09:01:38.0	yes
1D	(35) EMACSJ1350.7-1055	WFC3/IR	1	15-Apr-2019 09:01:39.0	yes
1E	(36) EMACSJ1353.7+4329	WFC3/IR	1	15-Apr-2019 09:01:39.0	yes
1F	(37) EMACSJ1407.0-0015	WFC3/IR	1	15-Apr-2019 09:01:40.0	yes
1G	(90) EMACSJ1414.7+5446	WFC3/IR	1	15-Apr-2019 09:01:41.0	yes
1H	(38) EMACSJ1419.1-0624	WFC3/IR	1	15-Apr-2019 09:01:41.0	yes
1I	(39) EMACSJ1430.0+4127	WFC3/IR	1	15-Apr-2019 09:01:42.0	yes
1J	(40) EMACSJ1437.8+0616	WFC3/IR	1	15-Apr-2019 09:01:42.0	yes
1K	(41) EMACSJ1443.2+0102	WFC3/IR	1	15-Apr-2019 09:01:43.0	yes
1L	(44) EMACSJ1523.1+1329	WFC3/IR	1	15-Apr-2019 09:01:44.0	yes
1M	(45) EMACSJ1527.6+2044	WFC3/IR	1	15-Apr-2019 09:01:44.0	yes
1N	(46) EMACSJ1621.2-0231	WFC3/IR	1	15-Apr-2019 09:01:45.0	yes
1O	(49) EMACSJ1709.5+4731	WFC3/IR	1	15-Apr-2019 09:01:46.0	yes
1P	(56) EMACSJ1852.0+4900	WFC3/IR	1	15-Apr-2019 09:01:46.0	yes
1Q	(88) EMACSJ2020.1-1432	WFC3/IR	1	15-Apr-2019 09:01:47.0	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>
1R	(59) EMACSJ2026.7-1920	WFC3/IR	1	15-Apr-2019 09:01:47.0	yes
1S	(60) EMACSJ2037.1-2534	WFC3/IR	1	15-Apr-2019 09:01:48.0	yes
1U	(63) EMACSJ2137.2-2232	WFC3/IR	1	15-Apr-2019 09:01:49.0	yes
1V	(72) EMACSJ2327.4-0204	WFC3/IR	1	15-Apr-2019 09:01:49.0	yes
1W	(89) EMACSJ2351.6-2818	WFC3/IR	1	15-Apr-2019 09:01:50.0	yes
2B	(25) EMACSJ1057.5+5759	WFC3/IR	1	15-Apr-2019 09:01:51.0	yes
2I	(1) EMACSJ0324.0+2421	WFC3/IR	1	15-Apr-2019 09:01:51.0	yes
2J	(2) EMACSJ0127.5-0606	WFC3/IR	1	15-Apr-2019 09:01:52.0	yes
2K	(3) EMACSJ0122.7+1454	WFC3/IR	1	15-Apr-2019 09:01:53.0	yes
2M	(95) EMACSJ0153.4+1722	WFC3/IR	1	15-Apr-2019 09:01:53.0	yes

164 Total Orbits Used

ABSTRACT

Truly massive galaxy clusters play a pivotal role for a wealth of extragalactic and cosmological research topics, and SNAPshot observations of these systems are ideally suited to identify the most promising cluster targets for further, in-depth study. The power of this approach was demonstrated by ACS/WFC3 SNAPshots of X-ray selected MACS and eMACS clusters at $z > 0.3$ obtained by us in previous Cycles (44 of them in all of F606W, F814W, F110W, and F140W). Based on these data, the CLASH MCT program selected 16 out of 25 of their targets to be MACS clusters. Similarly, all but one of the six most powerful cluster lenses selected for in-depth study by the HST Frontier Fields initiative are MACS detections, and so are 16 of the 29 $z > 0.3$ clusters targeted by the RELICS legacy program.

We propose to extend our spectacularly successful SNAPshot survey of the most X-ray luminous distant clusters to a redshift-mass regime that is poorly sampled by any other project. Targeting only extremely massive clusters at $z > 0.5$ from the X-ray selected eMACS sample (median velocity dispersion: 1180 km/s), the proposed program will (a) identify the most powerful gravitational telescopes at yet higher redshift for the next generation of in-depth studies of the distant Universe with HST and JWST, (b) provide constraints on the mass distribution within these extreme systems, (c) help improve our understanding of the physical nature of galaxy-galaxy and galaxy-gas interactions in cluster cores, and (d) unveil Balmer Break Galaxies at $z \sim 2$ and Lyman-break galaxies at $z > 6$ as F814W dropouts.

Acknowledging the broad community interest in our sample we waive our data rights for these observations.

OBSERVING DESCRIPTION

We propose ACS and WFC3 SNAPshot observations of all eMACS clusters at $z > 0.5$ not yet observed with HST in our program's four filters. Our targets are uniformly distributed over the high-Galactic latitude sky ($|b| > 20$ deg), $\text{dec} > -30$ deg, making ours an ideal SNAPshot sample. Since all of our science goals require or greatly benefit from color information, we aim for three independent visits per cluster target (one each for ACS/F606W and F814W imaging, and a third one for SNAPshots with WFC3/F110W/F140W). Counting each visit as a separate target (as indicated in Section 3.3.3 of the CfP) but discounting visits already performed for some of our targets in previous SNAP programs, we are left with 174 distinct "targets". Some of these will be used as backup (we suspect the respective clusters to be less massive than suggested by the RASS X-ray luminosity). From the remainder, 166 visits will be selected to match the number of orbits awarded.

Proposal 15132 - Visit 01 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 01, scheduling									
	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	
	(4)	EMACSJ0014.9-0056	RA: 00 14 54.1180 (3.7254917d) Dec: -00 57 8.13 (-.95226d) Equinox: J2000				V=20.0		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	0014-00_606	(4) EMACSJ0014.9-0056	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 01 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20181130									

Proposal 15132 - Visit 02 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 02, completed										Mon Apr 15 13:01:54 GMT 2019
	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)	EMACSJ0026.2+0120	RA: 00 26 16.1660 (6.5673583d) Dec: +01 20 34.84 (1.34301d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0026+01_60	(5) EMACSJ0026.2+0120	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 02 (1)	400 Secs (1200 Secs)		
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 03 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 03, scheduling										Mon Apr 15 13:01:54 GMT 2019
	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		
	(73)	EMACSJ0027.0+1252	RA: 00 27 6.0590 (6.7752458d) Dec: +12 51 21.43 (12.85595d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0027+12_60 6	(73) EMACSJ0027.0 +1252	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 03 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 04 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 04, completed										Mon Apr 15 13:01:54 GMT 2019
	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)	EMACSJ0031.2+1907	RA: 00 31 14.8860 (7.8120250d) Dec: +19 07 33.67 (19.12602d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0031+19_60	(74) EMACSJ0031.2	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	+1907						n Visit 04 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 05 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:54 GMT 2019

Visit	Proposal 15132, Visit 05, scheduling										Mon Apr 15 13:01:54 GMT 2019
	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)	EMACSJ0042.5-1103	RA: 00 42 32.9360 (10.6372333d) Dec: -11 03 41.04 (-11.06140d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0042-11_606	(7) EMACSJ0042.5-1103	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 05 (1)	400 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 06 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:54 GMT 2019

Visit	Proposal 15132, Visit 06, scheduling										Mon Apr 15 13:01:54 GMT 2019
	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		
	(9)	EMACSJ0045.2-0151	RA: 00 45 12.5030 (11.3020958d) Dec: -01 52 31.25 (-1.87535d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0045-01_60	(9) EMACSJ0045.2-0151	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 06 (1)	400 Secs (1200 Secs)		
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 07 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:54 GMT 2019

Visit	Proposal 15132, Visit 07, scheduling										
	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)	EMACSJ0121.4+2143	RA: 01 21 27.7990 (20.3658292d) Dec: +21 44 4.30 (21.73453d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0121+21_606	(75) EMACSJ0121.4+2143	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 07 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1										
	Server Version: 20181130										

Proposal 15132 - Visit 08 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 08, completed										Mon Apr 15 13:01:55 GMT 2019
	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		
	(76)	EMACSJ0124.0+0430	RA: 01 24 1.9030 (21.0079292d) Dec: +04 31 32.90 (4.52581d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0124+04_60	(76) EMACSJ0124.0 +0430	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 08 (1)	400 Secs (1200 Secs)		
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 09 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 09, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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		
	(11)	EMACSJ0135.2+0847	RA: 01 35 13.7600 (23.8073333d) Dec: +08 47 1.14 (8.78365d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0135+08_606	(11) EMACSJ0135.2+0847	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 09 (1)	400 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the orbit structure for Orbit 1 over a 6000-second period. Key events include: GS Acq: Green box with double arrows at approximately 300s. Exp. 1: Three exposures marked with green boxes and double arrows at approximately 400s, 1000s, and 1500s. Pointing Maneuver: Two maneuvers indicated by vertical arrows at approximately 1000s and 1500s. Unused Orbital Visibility: A period from approximately 2000s to 3000s. Occultation: A period from approximately 3000s to 5500s.										

Proposal 15132 - Visit 11 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 11, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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		
	(78)	EMACSJ0224.5-1615	RA: 02 24 31.2490 (36.1302042d) Dec: -16 16 8.98 (-16.26916d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0224-16_60	(78) EMACSJ0224.5-1615	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 11 (1)	400 Secs (1200 Secs)		
	6								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 12 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 12, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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)	EMACSJ0241.0+2557	RA: 02 41 2.3960 (40.2599833d) Dec: +25 57 14.21 (25.95395d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0241+25_60	(79) EMACSJ0241.0	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	+2557	+2557					n Visit 12 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the timeline of Orbit 1, showing various activities over a 6000-second period. Key events include: GS Acq (Green box) at approximately 250 seconds. Exp. 1 (Green box) at approximately 350 seconds. Pointing Maneuver (Black bar) at approximately 1000 seconds. Exp. 1 (Green box) at approximately 1100 seconds. Pointing Maneuver (Black bar) at approximately 1500 seconds. Exp. 1 (Green box) at approximately 1600 seconds. Pointing Maneuver (Black bar) at approximately 2000 seconds. Unused Orbital Visibility = 1088 (Green bar) from approximately 2100 to 3188 seconds. Occultation (White bar) starting at approximately 3188 seconds and continuing until the end of the orbit. The x-axis represents time in seconds, ranging from 0 to 6000. A blue checkered bar indicates the total exposure time, and a green bar indicates the unused orbital visibility period.										

Proposal 15132 - Visit 13 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 13, scheduling									
	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	
	(80)	EMACSJ0248.2+0237	RA: 02 48 12.9450 (42.0539375d) Dec: +02 38 27.92 (2.64109d) Equinox: J2000				V=20.0		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	0248+02_60	(80) EMACSJ0248.2 +0237	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 13 (1)	400 Secs (1200 Secs)	
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130									

Proposal 15132 - Visit 14 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 14, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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		
	(12)	EMACSJ0252.4-2100	RA: 02 52 27.2120 (43.1133833d) Dec: -21 00 51.41 (-21.01428d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0252-21_60	(12) EMACSJ0252.4-2100	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 14 (1)	400 Secs (1200 Secs)		
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 15 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 15, withdrawn										Mon Apr 15 13:01:55 GMT 2019	
	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			
	(13)	EMACSJ0256.7-1623	RA: 02 56 46.4130 (44.1933875d) Dec: -16 23 22.05 (-16.38946d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0256-16_60	(13) EMACSJ0256.7-1623	ACS/WFC, ACCUM, WFC		F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 15 (1)	400 Secs (1200 Secs)		
	6									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130											

Proposal 15132 - Visit 16 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 16, withdrawn										Mon Apr 15 13:01:55 GMT 2019	
	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		
	(14)	EMACSJ0256.9-1631		RA: 02 56 57.3070 (44.2387792d) Dec: -16 31 5.69 (-16.51825d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0257-16_60	(14) EMACSJ0256.9-1631	ACS/WFC, ACCUM, WFC		F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 16 (1)	400 Secs (1200 Secs)		
	6									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130											

Proposal 15132 - Visit 17 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 17, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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		
	(81)	EMACSJ0325.4-0359	RA: 03 25 32.3240 (51.3846833d) Dec: -03 59 37.77 (-3.99383d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0325-03_606	(81) EMACSJ0325.4-0359	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 17 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 18 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 18, scheduling									
	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)	EMACSJ0502.9-2902	RA: 05 02 54.5580 (75.7273250d) Dec: -29 02 20.76 (-29.03910d) Equinox: J2000				V=20		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	0502-29_60	(82) EMACSJ0502.9	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)	
	6	-2902	-2902					n Visit 18 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130									

Proposal 15132 - Visit 19 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 19, completed										Mon Apr 15 13:01:55 GMT 2019
	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)	EMACSJ0742.9+5001	RA: 07 43 12.7700 (115.8032083d) Dec: +50 02 8.83 (50.03579d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0742+50_60	(83) EMACSJ0742.9	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	+5001	+5001					n Visit 19 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130 GS Acq Exp. 1 Exp. 1 Exp. 1 Unused Orbital Visibility = 1256 Occultation Pointing Maneuver Pointing Maneuver 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec										

Proposal 15132 - Visit 20 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 20, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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		
	(16)	EMACSJ0804.6+5325	RA: 08 04 39.1140 (121.1629750d) Dec: +53 25 43.57 (53.42877d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0804+53_60	(16) EMACSJ0804.6 +5325	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 20 (1)	400 Secs (1200 Secs)		
	6								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 21 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 21, completed										Mon Apr 15 13:01:55 GMT 2019
	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		
	(84)	EMACSJ0850.2-0611	RA: 08 50 12.8720 (132.5536333d) Dec: -06 12 21.62 (-6.20601d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0850-06_60	(84) EMACSJ0850.2	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	-0611	-0611					n Visit 21 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 22 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 22, completed										Mon Apr 15 13:01:55 GMT 2019		
	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			
	(20)	EMACSJ0935.1+0614		RA: 09 35 3.2220 (143.7634250d) Dec: +06 14 39.05 (6.24418d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	0935+06_60	(20) EMACSJ0935.1+0614	ACS/WFC, ACCUM, WFC		F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 22 (1)	400 Secs (1200 Secs)			
	6									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
Orbit Structure	Orbit 1 Server Version: 20181130 GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Orbital Visibility = 1068 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec												

Proposal 15132 - Visit 23 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 23, scheduling										Mon Apr 15 13:01:55 GMT 2019	
	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			
	(85)	EMACSJ1025.0-1354	RA: 10 25 3.2630 (156.2635958d) Dec: -13 54 29.07 (-13.90807d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1025-13_60	(85) EMACSJ1025.0-1354	ACS/WFC, ACCUM, WFC		F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 23 (1)	400 Secs (1200 Secs)		
	6									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130											

Proposal 15132 - Visit 24 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 24, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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		
	(24)	EMACSJ1050.6+3548	RA: 10 50 38.5700 (162.6607083d) Dec: +35 49 12.80 (35.82022d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1050+35_60	(24) EMACSJ1050.6 +3548	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 24 (1)	400 Secs (1200 Secs)		
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 25 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 25, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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)	EMACSJ1131.1+3553	RA: 11 31 13.6690 (172.8069542d) Dec: +35 54 11.11 (35.90309d) Equinox: J2000					V=20.0		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1131+35_60	(26) EMACSJ1131.1+3553	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 25 (1)	400 Secs (1200 Secs)		
	6								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 26 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 26, implementation										Mon Apr 15 13:01:55 GMT 2019
	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)	EMACSJ1157.9-1046	RA: 11 57 58.4000 (179.4933333d) Dec: -10 46 6.00 (-10.76833d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1157-10_606	(86) EMACSJ1157.9-1046	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 26 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 27 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 27, scheduling										Mon Apr 15 13:01:55 GMT 2019		
	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			
	(30)	EMACSJ1209.4+2640		RA: 12 09 23.6760 (182.3486500d) Dec: +26 40 46.67 (26.67963d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	1209+26_60	(30) EMACSJ1209.4 +2640	ACS/WFC, ACCUM, WFC		F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 27 (1)	400 Secs (1200 Secs)			
	6									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
Orbit Structure	Orbit 1 Server Version: 20181130												

Proposal 15132 - Visit 28 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 28, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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		
	(31)	EMACSJ1212.5-1216	RA: 12 12 30.2400 (183.1260000d) Dec: -12 16 19.94 (-12.27221d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1212-12_60	(31) EMACSJ1212.5	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	-1216	-1216					n Visit 28 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1										
	Server Version: 20181130										
	The diagram illustrates the timeline of Orbit 1, spanning from 0 to 6000 seconds. Key events and durations are marked: GS Acq: Green box with double arrows, occurring around 300 seconds. Exp. 1: Green box with double arrows, occurring around 1000, 1500, and 2000 seconds. Pointing Maneuver: Indicated by arrows pointing to the gaps between exposure segments. Unused Orbital Visibility = 1072: A green bar segment between 2000 and 3172 seconds. Occultation: A white bar segment starting at 3172 seconds and ending at 5700 seconds.										

Proposal 15132 - Visit 29 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 29, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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		
	(33)	EMACSJ1248.2+0743	RA: 12 48 16.6760 (192.0694833d) Dec: +07 42 57.87 (7.71608d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1248+07_60	(33) EMACSJ1248.2	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	+0743	+0743					n Visit 29 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 2L - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 2L, completed										Mon Apr 15 13:01:55 GMT 2019
	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	
	(87)	EMACSJ1251.3+3131	RA: 12 51 20.4630 (192.8352625d) Dec: +31 31 24.16 (31.52338d) Equinox: J2000					V=20		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	1251+31_606	(87) EMACSJ1251.3 +3131	ACS/WFC, ACCUM, WFC		F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 2L (1)	400 Secs (1200 Secs)	
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 30 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 30, withdrawn										Mon Apr 15 13:01:55 GMT 2019
	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		
	(34)	EMACSJ1341.9-2442	RA: 13 42 0.2440 (205.5010167d) Dec: -24 42 0.75 (-24.70021d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1341-24_60	(34) EMACSJ1341.9	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	-2442	-2442					n Visit 30 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 31 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 31, scheduling										Mon Apr 15 13:01:55 GMT 2019		
	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			
	(35)	EMACSJ1350.7-1055		RA: 13 50 46.4350 (207.6934792d) Dec: -10 55 32.24 (-10.92562d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	1350-10_60	(35) EMACSJ1350.7	ACS/WFC, ACCUM, WFC		F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)			
	6	-1055	-1055						n Visit 31 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]	
Orbit Structure	Orbit 1												
	Server Version: 20181130												
	The diagram illustrates the timeline of Orbit 1, spanning from 0 to 6000 seconds. Key events and durations are marked: GS Acq: Green box with double arrows, occurring around 300 seconds. Exp. 1: Green box with double arrows, occurring around 1000, 1500, and 2000 seconds. Pointing Maneuver: Indicated by arrows pointing to the gaps between exposure segments. Unused Orbital Visibility = 1072: A green bar segment starting around 2100 seconds and ending around 3172 seconds. Occultation: A white bar segment starting around 3172 seconds and ending around 5700 seconds.												

Proposal 15132 - Visit 32 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:55 GMT 2019

Visit	Proposal 15132, Visit 32, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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		
	(36)	EMACSJ1353.7+4329	RA: 13 53 44.1880 (208.4341167d) Dec: +43 29 5.02 (43.48473d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1353+43_60	(36) EMACSJ1353.7+4329	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 32 (1)	400 Secs (1200 Secs)		
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 33 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 33, completed										Mon Apr 15 13:01:55 GMT 2019												
	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							
	(37)	EMACSJ1407.0-0015		RA: 14 07 7.0410 (211.7793375d) Dec: -00 15 5.21 (-.25145d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit			
	1	1407-00_60	(37) EMACSJ1407.0	ACS/WFC, ACCUM, WFC				F606W		CR-SPLIT=NO				Pattern 1, Exps 1-1 i		400 Secs (1200 Secs)							
	6	-0015	-0015											n Visit 33 (1)		[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]				[1]			
Orbit Structure	Orbit 1 Server Version: 20181130																						

Proposal 15132 - Visit 34 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 34, completed										Mon Apr 15 13:01:55 GMT 2019
	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)	EMACSJ1414.7+5446	RA: 14 14 47.1510 (213.6964625d) Dec: +54 47 3.02 (54.78417d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1414+54_60	(90) EMACSJ1414.7	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	+5446	+5446					n Visit 34 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 35 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 35, scheduling										Mon Apr 15 13:01:55 GMT 2019
	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		
	(38)	EMACSJ1419.1-0624	RA: 14 19 3.2610 (214.7635875d) Dec: -06 24 33.97 (-6.40944d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1419-06_606	(38) EMACSJ1419.1-0624	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 35 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the timeline of Orbit 1, spanning from 0 to 6000 seconds. Key events include: GS Acq: Greenhouse Acquisition at the start. Exp. 1: Three exposure periods, each preceded by a Pointing Maneuver. Unused Orbital Visibility: A period of 1068 seconds following the last exposure. Occultation: The final phase of the orbit.										

Proposal 15132 - Visit 36 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 36, completed										Mon Apr 15 13:01:56 GMT 2019
	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)	EMACSJ1430.0+4127	RA: 14 30 4.9720 (217.5207167d) Dec: +41 27 7.22 (41.45201d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1430+41_60	(39) EMACSJ1430.0	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	+4127	+4127					n Visit 36 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 37 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 37, scheduling									
	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	
	(40)	EMACSJ1437.8+0616	RA: 14 37 49.7520 (219.4573000d) Dec: +06 16 40.87 (6.27802d) Equinox: J2000				V=20		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	1437+06_60	(40) EMACSJ1437.8 +0616	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 37 (1)	400 Secs (1200 Secs)	
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130									

Proposal 15132 - Visit 38 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 38, scheduling										Mon Apr 15 13:01:56 GMT 2019												
	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							
	(41)	EMACSJ1443.2+0102		RA: 14 43 9.3080 (220.7887833d) Dec: +01 02 12.20 (1.03672d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit			
	1	1443+01_60	(41) EMACSJ1443.2	ACS/WFC, ACCUM, WFC				F606W		CR-SPLIT=NO				Pattern 1, Exps 1-1 i n Visit 38 (1)		400 Secs (1200 Secs)							
	6		+0102													[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]				[1]			
Orbit Structure	Orbit 1 Server Version: 20181130																						

Proposal 15132 - Visit 39 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 39, completed										Mon Apr 15 13:01:56 GMT 2019
	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		
	(43)	EMACSJ1518.3+2927	RA: 15 18 20.5740 (229.5857250d) Dec: +29 27 40.52 (29.46126d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1518+29_60	(43) EMACSJ1518.3 +2927	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 39 (1)	400 Secs (1200 Secs)		
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 40 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 40, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(44)	EMACSJ1523.1+1329	RA: 15 23 11.9530 (230.7998042d) Dec: +13 29 26.85 (13.49079d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1523+13_60	(44) EMACSJ1523.1	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs	(1200 Secs)	
	6		+1329					n Visit 40 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 41 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 41, completed										Mon Apr 15 13:01:56 GMT 2019
	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		
	(48)	EMACSJ1631.1+1528	RA: 16 31 5.8280 (247.7742833d) Dec: +15 29 34.00 (15.49278d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1631+15_60	(48) EMACSJ1631.1	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	+1528						n Visit 41 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 42 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 42, completed										Mon Apr 15 13:01:56 GMT 2019
	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)	EMACSJ1732.4+1934	RA: 17 32 24.0830 (263.1003458d) Dec: +19 33 16.56 (19.55460d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1732+19_60	(50) EMACSJ1732.4	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	+1934	+1934					n Visit 42 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 43 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 43, completed										Mon Apr 15 13:01:56 GMT 2019
	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		
	(51)	EMACSJ1756.8+4008	RA: 17 56 52.6120 (269.2192167d) Dec: +40 08 7.42 (40.13539d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1756+40_60	(51) EMACSJ1756.8 +4008	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 43 (1)	400 Secs (1200 Secs)		
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 44 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 44, completed										Mon Apr 15 13:01:56 GMT 2019
	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	
	(54)	EMACSJ1831.1+6214		RA: 18 31 9.0250 (277.7876042d) Dec: +62 14 57.13 (62.24920d) Equinox: J2000				V=20.0		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	1831+62_60	(54) EMACSJ1831.1	ACS/WFC, ACCUM, WFC		F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)	
	6	+6214	+6214						n Visit 44 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 45 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 45, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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)	EMACSJ2020.1-1432	RA: 20 20 10.4330 (305.0434708d) Dec: -14 31 52.78 (-14.53133d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	2020-14_60	(88) EMACSJ2020.1	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6		-1432					n Visit 45 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 46 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 46, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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	
	(61)	EMACSJ2045.8-2438	RA: 20 45 48.5230 (311.4521792d) Dec: -24 38 41.76 (-24.64493d) Equinox: J2000					V=20		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	2045-24_60	(61) EMACSJ2045.8	ACS/WFC, ACCUM, WFC		F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)	
	6	-2438	-2438						n Visit 46 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130 Timeline labels: GS Acq, Exp. 1, Pointing Maneuver, Exp. 1, Pointing Maneuver, Exp. 1, Unused Orbital Visibility = 1080, Occultation. Timeline scale: 0 to 6000 sec.										

Proposal 15132 - Visit 47 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 47, completed										Mon Apr 15 13:01:56 GMT 2019
	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		
	(62)	EMACSJ2100.4+0724	RA: 21 00 24.8650 (315.1036042d) Dec: +07 24 19.34 (7.40537d) Equinox: J2000				V=20		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	2100+07_606	(62) EMACSJ2100.4+0724	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 47 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the timing of observations for Orbit 1. It features a horizontal timeline from 0 to 6000 seconds. Key events are marked with arrows and labels: 'GS Acq' at approximately 100s, followed by 'Exp. 1' (green boxes) at approximately 300s, 1000s, 1500s, and 2000s. 'Pointing Maneuvers' are indicated by black bars at approximately 800s, 1300s, and 1800s. A green bar labeled 'Unused Orbital Visibility = 1068' spans from approximately 2100s to 3200s. Finally, an 'Occultation' period is shown as a white bar starting at approximately 3200s and ending at approximately 5700s.										

Proposal 15132 - Visit 48 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 48, scheduled										Mon Apr 15 13:01:56 GMT 2019
	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)	EMACSJ2137.2-2232	RA: 21 37 14.7210 (324.3113375d) Dec: -22 32 15.31 (-22.53759d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	2137-22_60	(63) EMACSJ2137.2-2232	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 48 (1)	400 Secs (1200 Secs)		
	6								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 49 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 49, completed										Mon Apr 15 13:01:56 GMT 2019
	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		
	(66)	EMACSJ2220.3-1211	RA: 22 20 17.5090 (335.0729542d) Dec: -12 11 29.35 (-12.19149d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	2220-12_60	(66) EMACSJ2220.3	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	-1211	-1211					n Visit 49 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the timeline of Orbit 1. It starts at 0 seconds with 'GS Acq' (Green Square Acquisition) and 'Exp. 1' (Exposure 1). This is followed by a 'Pointing Maneuver' (indicated by a double-headed arrow). Another 'Exp. 1' occurs, followed by another 'Pointing Maneuver'. A third 'Exp. 1' is shown. After this, there is a period of 'Unused Orbital Visibility = 1072' seconds, represented by a green bar. Finally, an 'Occultation' event occurs, represented by a white bar. The timeline ends at approximately 5700 seconds.										

Proposal 15132 - Visit 50 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 50, scheduling										Mon Apr 15 13:01:56 GMT 2019												
	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)	EMACSJ2315.3-2128		RA: 23 15 21.5770 (348.8399042d) Dec: -21 27 50.49 (-21.46402d) Equinox: J2000								V=20				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit				
	1	2315-21_60	(70) EMACSJ2315.3	ACS/WFC, ACCUM, WFC			F606W		CR-SPLIT=NO				Pattern 1, Exps 1-1 i		400 Secs (1200 Secs)								
	6	-2128	-2128										n Visit 50 (1)		[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]				[1]				
Orbit Structure	Orbit 1 Server Version: 20181130 050010001500200025003000350040004500500055006000 sec																						

Proposal 15132 - Visit 51 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 51, withdrawn										Mon Apr 15 13:01:56 GMT 2019
	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		
	(72)	EMACSJ2327.4-0204	RA: 23 27 27.5950 (351.8649792d) Dec: -02 04 37.24 (-2.07701d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	2327-02_60	(72) EMACSJ2327.4	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	6	-0204	-0204					n Visit 51 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 52 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 52, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(89)	EMACSJ2351.6-2818	RA: 23 51 38.1380 (357.9089083d) Dec: -28 18 19.48 (-28.30541d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	2351-28_60	(89) EMACSJ2351.6-2818	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 52 (1)	400 Secs (1200 Secs)		
	6								[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 1Z - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1Z, completed										Mon Apr 15 13:01:56 GMT 2019
	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)	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		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	M0150-10_606	(93) MACSJ0150.3-1005	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 1Z (1)	400 Secs (1200 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 2A - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 2A, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(94)	MACSJ2003.4-2322	RA: 20 03 30.5900 (300.8774583d) Dec: -23 23 58.90 (-23.39969d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	M2003-23_606	(94) MACSJ2003.4-2322	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 2A (1)	400 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 2C - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 2C, scheduling										Mon Apr 15 13:01:56 GMT 2019	
	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			
	(1)	EMACSJ0324.0+2421	RA: 03 24 2.4400 (51.0101667d) Dec: +24 21 17.50 (24.35486d) Equinox: J2000				V=20		Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	0324+24_60	(1) EMACSJ0324.0+2421	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 2C (1)	400 Secs (1200 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 2D - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 2D, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(2)	EMACSJ0127.5-0606	RA: 01 27 34.2700 (21.8927917d) Dec: -06 06 32.50 (-6.10903d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0127-06_606	(2) EMACSJ0127.5-0606	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 2D (1)	400 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 Timeline details: 0 - 50s: GS Acq 50 - 100s: Exp. 1 (green) 100 - 150s: Pointing Maneuver 150 - 200s: Exp. 1 (green) 200 - 250s: Pointing Maneuver 250 - 300s: Exp. 1 (green) 300 - 1368s: Unused Orbital Visibility = 1068 (black) 1368 - 5700s: Occultation (white)										

Proposal 15132 - Visit 2E - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 2E, scheduling										Mon Apr 15 13:01:56 GMT 2019	
	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			
	(3)	EMACSJ0122.7+1454	RA: 01 22 51.1300 (20.7130417d) Dec: +14 54 12.80 (14.90356d) Equinox: J2000				V=20		Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	0122+14_60	(3) EMACSJ0122.7+	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)			
	6	1454						n Visit 2E (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 2O - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 2O, completed										Mon Apr 15 13:01:56 GMT 2019
	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	
	(95)	EMACSJ0153.4+1722	RA: 01 53 23.3100 (28.3471250d) Dec: +17 21 15.40 (17.35428d) Equinox: J2000					V=20		Reference Frame: ICRS	
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0153+17_606	(95) EMACSJ0153.4+1722	ACS/WFC, ACCUM, WFC	F606W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 2O (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 53 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 53, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(4)	EMACSJ0014.9-0056	RA: 00 14 54.1180 (3.7254917d) Dec: -00 57 8.13 (-.95226d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0014-00_81	(4) EMACSJ0014.9-0056	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 53 (1)	400 Secs (1200 Secs)		
	4								[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 1X - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 1X, scheduled										Mon Apr 15 13:01:56 GMT 2019
	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		
	(91)	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		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	M0520-13_814	(91) MACSJ0520.7-1328	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 1X (1)	400 Secs (1200 Secs)		
										[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the orbit structure for Orbit 1 over a 6000-second period. Key events include: GS Acq: Greenhouse Acquisition at approximately 200 seconds. Exp. 1: Three exposures, each lasting 400 seconds, occurring at approximately 400, 1000, and 1600 seconds. Pointing Maneuver: Two maneuvers, each lasting approximately 100 seconds, occurring at approximately 900 and 1500 seconds. Unused Orbital Visibility: A period of 1072 seconds, highlighted in green, occurring between approximately 2100 and 3172 seconds. Occultation: A period where the target is obscured, occurring from approximately 3172 to 5700 seconds.										

Proposal 15132 - Visit 1Y - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1Y, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(92)	MACSJ0027.4+2607	RA: 00 27 27.0800 (6.8628333d) Dec: +26 07 4.30 (26.11786d) Equinox: J2000				V=14.0+/-1.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	M0027+26_814	(92) MACSJ0027.4+2607	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 1Y (1)	400 Secs (1200 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 2F - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 2F, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(1)	EMACSJ0324.0+2421	RA: 03 24 2.4400 (51.0101667d) Dec: +24 21 17.50 (24.35486d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0324+24_81 4	(1) EMACSJ0324.0+ 2421	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 2F (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130 Timeline: 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec										

Proposal 15132 - Visit 2G - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 2G, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(2)	EMACSJ0127.5-0606	RA: 01 27 34.2700 (21.8927917d) Dec: -06 06 32.50 (-6.10903d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0127-06_81_4	(2) EMACSJ0127.5-0606	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 2G (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 2H - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 2H, scheduling									
	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	
	(3)	EMACSJ0122.7+1454	RA: 01 22 51.1300 (20.7130417d) Dec: +14 54 12.80 (14.90356d) Equinox: J2000				V=20		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	0122+14_81 4	(3) EMACSJ0122.7+ 1454	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 2H (1)	400 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130									

Proposal 15132 - Visit 2N - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 2N, scheduling										Mon Apr 15 13:01:56 GMT 2019	
	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			
	(95)	EMACSJ0153.4+1722	RA: 01 53 23.3100 (28.3471250d) Dec: +17 21 15.40 (17.35428d) Equinox: J2000				V=20		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0153+17_81 4	(95) EMACSJ0153.4 +1722	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 2N (1)	400 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130 050010001500200025003000350040004500500055006000 sec											

Proposal 15132 - Visit 54 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 54, completed										Mon Apr 15 13:01:56 GMT 2019
	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)	EMACSJ0026.2+0120	RA: 00 26 16.1660 (6.5673583d) Dec: +01 20 34.84 (1.34301d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0026+01_81	(5) EMACSJ0026.2+	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	0120	0120					n Visit 54 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130 GS Acq Exp. 1 Exp. 1 Exp. 1 Pointing Maneuver Pointing Maneuver Unused Orbital Visibility = 1065 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec										

Proposal 15132 - Visit 55 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 55, scheduling										Mon Apr 15 13:01:56 GMT 2019												
	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							
	(73)	EMACSJ0027.0+1252		RA: 00 27 6.0590 (6.7752458d) Dec: +12 51 21.43 (12.85595d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit				
	1	0027+12_81	(73) EMACSJ0027.0	ACS/WFC, ACCUM, WFC			F814W		CR-SPLIT=NO				Pattern 1, Exps 1-1 i n Visit 55 (1)		400 Secs (1200 Secs)								
	4	+1252	+1252												[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]				[1]				
Orbit Structure	Orbit 1 Server Version: 20181130 050010001500200025003000350040004500500055006000 sec																						

Proposal 15132 - Visit 56 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 56, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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)	EMACSJ0031.2+1907	RA: 00 31 14.8860 (7.8120250d) Dec: +19 07 33.67 (19.12602d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0031+19_81 4	(74) EMACSJ0031.2 +1907	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 56 (1)	400 Secs (1200 Secs)		
										[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 57 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 57, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(11)	EMACSJ0135.2+0847	RA: 01 35 13.7600 (23.8073333d) Dec: +08 47 1.14 (8.78365d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0135+08_81 4	(11) EMACSJ0135.2 +0847	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 57 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the orbit structure over a 6000-second period. Key events include: GS Acq (Green Start Acquisition) at approximately 250 seconds. Exp. 1 (Exposure 1) at approximately 400, 1000, 1500, and 2000 seconds. Pointing Maneuver (indicated by double-headed arrows) between exposures. Unused Orbital Visibility = 1068 (indicated by a green bar) from approximately 2000 to 3100 seconds. Occultation (indicated by a white bar) from approximately 3100 to 5700 seconds.										

Proposal 15132 - Visit 58 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 58, scheduling									
	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	
	(9)	EMACSJ0045.2-0151	RA: 00 45 12.5030 (11.3020958d) Dec: -01 52 31.25 (-1.87535d) Equinox: J2000				V=20.0		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	0045-01_81_4	(9) EMACSJ0045.2-0151	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 58 (1)	400 Secs (1200 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130									

Proposal 15132 - Visit 59 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 59, completed										Mon Apr 15 13:01:56 GMT 2019
	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		
	(10)	EMACSJ0101.1+1831	RA: 01 01 13.7110 (15.3071292d) Dec: +18 31 36.38 (18.52677d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0101+18_81 4	(10) EMACSJ0101.1 +1831	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 59 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram shows a timeline from 0 to 6000 seconds. Key events include: GS Acq at ~300s, three Exp. 1 exposures at ~1000s, ~1500s, and ~2000s, two Pointing Maneuvers at ~1000s and ~1500s, Unused Orbital Visibility from ~2000s to ~3179s, and Occultation starting at ~3179s. A blue checkered bar covers the period from ~300s to ~2000s.										

Proposal 15132 - Visit 60 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 60, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(76)	EMACSJ0124.0+0430	RA: 01 24 1.9030 (21.0079292d) Dec: +04 31 32.90 (4.52581d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0124+04_81	(76) EMACSJ0124.0	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	+0430	+0430					n Visit 60 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram shows a timeline from 0 to 6000 seconds. Key events include: GS Acq at ~100s, Exp. 1 (green box) at ~300s, Pointing Maneuver at ~900s, Exp. 1 at ~1100s, Pointing Maneuver at ~1500s, Exp. 1 at ~1600s, Unused Orbital Visibility = 1065s (indicated by a red bar) from ~2100s to ~3165s, and Occultation starting at ~3165s. The timeline is marked with ticks every 500 seconds.										

Proposal 15132 - Visit 61 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 61, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(11)	EMACSJ0135.2+0847	RA: 01 35 13.7600 (23.8073333d) Dec: +08 47 1.14 (8.78365d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0135+08_81	(11) EMACSJ0135.2	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	+0847	+0847					n Visit 61 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the orbit structure for Orbit 1 over a 6000-second period. Key events include: Pointing Maneuvers: Indicated by vertical arrows at approximately 1000s, 1500s, and 2000s. Exposures: Three exposures labeled 'Exp. 1' are shown as green rectangles with double-headed arrows, occurring around 400s, 1000s, and 1500s. GS Acq: Green box acquisition periods are shown as green rectangles with double-headed arrows, occurring around 400s, 1000s, and 1500s. Unused Orbital Visibility: A period of 1068 seconds is marked as unused, shown as a green rectangle between 2000s and 3000s. Occultation: A long white rectangle from approximately 3000s to 5500s indicates the occultation period.										

Proposal 15132 - Visit 62 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:56 GMT 2019

Visit	Proposal 15132, Visit 62, scheduling										Mon Apr 15 13:01:56 GMT 2019
	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		
	(78)	EMACSJ0224.5-1615	RA: 02 24 31.2490 (36.1302042d) Dec: -16 16 8.98 (-16.26916d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0224-16_81	(78) EMACSJ0224.5	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	-1615	-1615					n Visit 62 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 63 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 63, scheduling										Mon Apr 15 13:01:56 GMT 2019	
	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)	EMACSJ0241.0+2557	RA: 02 41 2.3960 (40.2599833d) Dec: +25 57 14.21 (25.95395d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	0241+25_81 4	(79) EMACSJ0241.0 +2557	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 63 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20181130
	The diagram illustrates the timeline of Orbit 1 over a 6000-second period. Key events include: GS Acq at ~250s, three exposures of Exp. 1 (each ~400s) at ~350s, ~1100s, and ~1600s, separated by Pointing Maneuvers (black bars) at ~1000s and ~1500s. Following the third exposure, there is a period of Unused Orbital Visibility (green bar) from ~2100s to ~3188s (1088s), followed by an Occultation period (white bar) from ~3188s to ~5700s. The timeline is marked with a scale from 0 to 6000 seconds.											

Proposal 15132 - Visit 64 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 64, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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		
	(80)	EMACSJ0248.2+0237	RA: 02 48 12.9450 (42.0539375d) Dec: +02 38 27.92 (2.64109d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0248+23_81 4	(80) EMACSJ0248.2 +0237	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 64 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 65 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 65, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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		
	(12)	EMACSJ0252.4-2100	RA: 02 52 27.2120 (43.1133833d) Dec: -21 00 51.41 (-21.01428d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0252-21_81	(12) EMACSJ0252.4	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	-2100	-2100					n Visit 65 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 66 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 66, withdrawn										Mon Apr 15 13:01:57 GMT 2019
	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		
	(14)	EMACSJ0256.9-1631	RA: 02 56 57.3070 (44.2387792d) Dec: -16 31 5.69 (-16.51825d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0257-16_81	(14) EMACSJ0256.9	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	-1631						n Visit 66 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 67 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 67, scheduling										Mon Apr 15 13:01:57 GMT 2019		
	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			
	(81)	EMACSJ0325.4-0359		RA: 03 25 32.3240 (51.3846833d) Dec: -03 59 37.77 (-3.99383d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	0325-03_81	(81) EMACSJ0325.4	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)			
	4	-0359	-0359						n Visit 67 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]	
Orbit Structure	Orbit 1 Server Version: 20181130												

Proposal 15132 - Visit 68 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 68, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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)	EMACSJ0502.9-2902	RA: 05 02 54.5580 (75.7273250d) Dec: -29 02 20.76 (-29.03910d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0502-29_81	(82) EMACSJ0502.9	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	-2902						n Visit 68 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 GS Acq Exp. 1 Pointing Maneuver Exp. 1 Pointing Maneuver Exp. 1 Unused Orbital Visibility = 1088 Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec										

Proposal 15132 - Visit 69 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 69, completed										Mon Apr 15 13:01:57 GMT 2019
	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)	EMACSJ0742.9+5001	RA: 07 43 12.7700 (115.8032083d) Dec: +50 02 8.83 (50.03579d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0742+50_81 4	(83) EMACSJ0742.9 +5001	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 69 (1)	400 Secs (1200 Secs)		
										[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 70 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 70, completed										Mon Apr 15 13:01:57 GMT 2019	
	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			
	(16)	EMACSJ0804.6+5325	RA: 08 04 39.1140 (121.1629750d) Dec: +53 25 43.57 (53.42877d) Equinox: J2000				V=20		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	0804+53_81 4	(16) EMACSJ0804.6 +5325	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 70 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 71 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 71, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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	
	(84)	EMACSJ0850.2-0611	RA: 08 50 12.8720 (132.5536333d) Dec: -06 12 21.62 (-6.20601d) Equinox: J2000					V=20		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0850-06_814	(84) EMACSJ0850.2-0611	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 71 (1)	400 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 72 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 72, completed										Mon Apr 15 13:01:57 GMT 2019
	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		
	(85)	EMACSJ1025.0-1354	RA: 10 25 3.2630 (156.2635958d) Dec: -13 54 29.07 (-13.90807d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1025-13_81 4	(85) EMACSJ1025.0 -1354	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 72 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 050010001500200025003000350040004500500055006000 sec										

Proposal 15132 - Visit 73 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 73, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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		
	(24)	EMACSJ1050.6+3548	RA: 10 50 38.5700 (162.6607083d) Dec: +35 49 12.80 (35.82022d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1050+35_81	(24) EMACSJ1050.6	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	+3548						n Visit 73 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 74 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 74, completed										Mon Apr 15 13:01:57 GMT 2019	
	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)	EMACSJ1131.1+3553	RA: 11 31 13.6690 (172.8069542d) Dec: +35 54 11.11 (35.90309d) Equinox: J2000					V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1131+35_81 4	(26) EMACSJ1131.1 +3553	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 74 (1)	400 Secs (1200 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130											

Proposal 15132 - Visit 75 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 75, scheduling										Mon Apr 15 13:01:57 GMT 2019	
	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			
	(28)	EMACSJ1144.2-2836	RA: 11 44 9.4960 (176.0395667d) Dec: -28 34 59.81 (-28.58328d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	1144-28_81 4	(28) EMACSJ1144.2-2836	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 75 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 76 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 76, scheduling					Mon Apr 15 13:01:57 GMT 2019						
	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		
	(29)	EMACSJ1148.0+5116		RA: 11 48 1.6020 (177.0066750d) Dec: +51 16 27.87 (51.27441d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1148+51_81	(29) EMACSJ1148.0	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	+5116							n Visit 76 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130											

Proposal 15132 - Visit 77 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 77, implementation										Mon Apr 15 13:01:57 GMT 2019
	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)	EMACSJ1157.9-1046	RA: 11 57 58.4000 (179.4933333d) Dec: -10 46 6.00 (-10.76833d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1157-10_81	(86) EMACSJ1157.9	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	-1046	-1046					n Visit 77 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 78 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

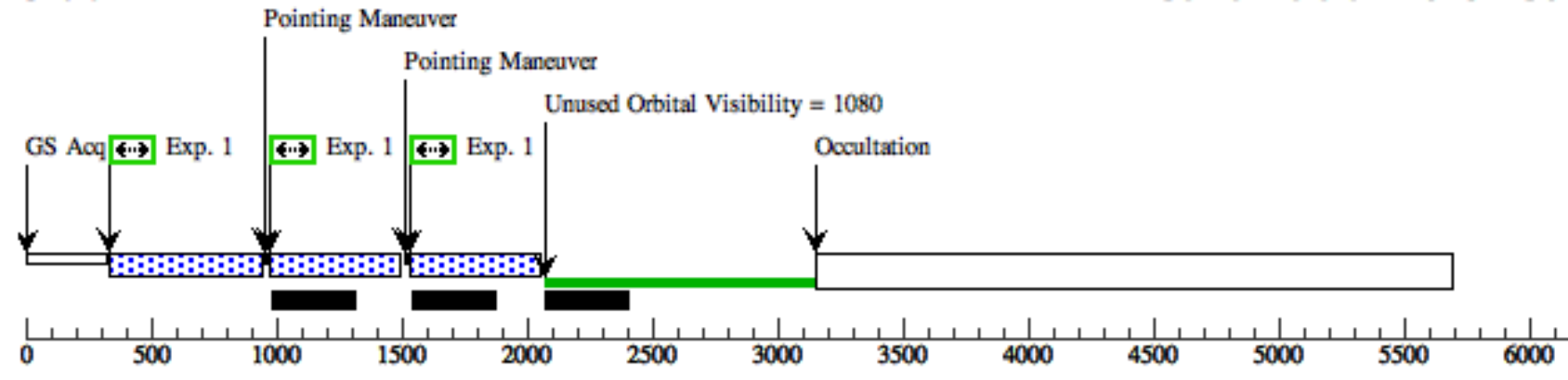
Visit	Proposal 15132, Visit 78, scheduling										Mon Apr 15 13:01:57 GMT 2019
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE 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		
	(30)	EMACSJ1209.4+2640	RA: 12 09 23.6760 (182.3486500d) Dec: +26 40 46.67 (26.67963d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1209+26_814	(30) EMACSJ1209.4+2640	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 78 (1)	400 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 79 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 79, completed										Mon Apr 15 13:01:57 GMT 2019		
	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			
	(31)	EMACSJ1212.5-1216		RA: 12 12 30.2400 (183.1260000d) Dec: -12 16 19.94 (-12.27221d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	1212-12_81	(31) EMACSJ1212.5	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)			
	4	-1216	-1216						n Visit 79 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
Orbit Structure	Orbit 1 Server Version: 20181130 050010001500200025003000350040004500500055006000 sec												

Proposal 15132 - Visit 80 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 80, scheduling									
	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	
	(32)	EMACSJ1222.3+2418	RA: 12 22 18.9540 (185.5789750d) Dec: +24 19 1.65 (24.31713d) Equinox: J2000				V=20.0		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	1222+24_81	(32) EMACSJ1222.3	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)	
	4	+2418	+2418					n Visit 80 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130 									

Proposal 15132 - Visit 81 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 81, scheduling										Mon Apr 15 13:01:57 GMT 2019	
	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		
	(33)	EMACSJ1248.2+0743	RA: 12 48 16.6760 (192.0694833d) Dec: +07 42 57.87 (7.71608d) Equinox: J2000					V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1248+07_81_4	(33) EMACSJ1248.2+0743	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 81 (1)	400 Secs (1200 Secs)		
										[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130											

Proposal 15132 - Visit 82 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 82, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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		
	(87)	EMACSJ1251.3+3131	RA: 12 51 20.4630 (192.8352625d) Dec: +31 31 24.16 (31.52338d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1251+31_81	(87) EMACSJ1251.3	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	+3131						n Visit 82 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 83 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 83, withdrawn										Mon Apr 15 13:01:57 GMT 2019
	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	
	(34)	EMACSJ1341.9-2442	RA: 13 42 0.2440 (205.5010167d) Dec: -24 42 0.75 (-24.70021d) Equinox: J2000					V=20.0		Reference Frame: ICRS	
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	1341-24_81 4	(34) EMACSJ1341.9-2442	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 83 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130 050010001500200025003000350040004500500055006000 sec										

Proposal 15132 - Visit 84 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 84, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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		
	(35)	EMACSJ1350.7-1055	RA: 13 50 46.4350 (207.6934792d) Dec: -10 55 32.24 (-10.92562d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1350-10_81_4	(35) EMACSJ1350.7-1055	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 84 (1)	400 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 85 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 85, scheduling										Mon Apr 15 13:01:57 GMT 2019		
	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			
	(36)	EMACSJ1353.7+4329		RA: 13 53 44.1880 (208.4341167d) Dec: +43 29 5.02 (43.48473d) Equinox: J2000				V=20		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	1353+43_81	(36) EMACSJ1353.7	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)			
	4	+4329	+4329						n Visit 85 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
Orbit Structure	Orbit 1 Server Version: 20181130												

Proposal 15132 - Visit 86 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 86, withdrawn										Mon Apr 15 13:01:57 GMT 2019
	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		
	(37)	EMACSJ1407.0-0015	RA: 14 07 7.0410 (211.7793375d) Dec: -00 15 5.21 (-.25145d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1407-00_81	(37) EMACSJ1407.0	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	-0015	-0015					n Visit 86 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 87 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 87, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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)	EMACSJ1414.7+5446	RA: 14 14 47.1510 (213.6964625d) Dec: +54 47 3.02 (54.78417d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1414+54_81	(90) EMACSJ1414.7	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4		+5446					n Visit 87 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 88 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 88, completed										Mon Apr 15 13:01:57 GMT 2019
	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		
	(38)	EMACSJ1419.1-0624	RA: 14 19 3.2610 (214.7635875d) Dec: -06 24 33.97 (-6.40944d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1419-06_81	(38) EMACSJ1419.1	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	-0624	-0624					n Visit 88 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the timeline of Orbit 1. It starts with a 'GS Acq' (Greenhouse Acquisition) at approximately 200 seconds. This is followed by three 'Exp. 1' exposures, each lasting 400 seconds, occurring at approximately 400, 1000, and 1600 seconds. Between the exposures, there are 'Pointing Maneuvers' at approximately 800 and 1400 seconds. After the third exposure, there is a period of 'Unused Orbital Visibility' lasting 1068 seconds, ending at approximately 2668 seconds. This is followed by an 'Occultation' period that continues until the end of the orbit at 6000 seconds. The timeline is marked with a scale from 0 to 6000 seconds in increments of 500.										

Proposal 15132 - Visit 89 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 89, completed										Mon Apr 15 13:01:57 GMT 2019												
	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)	EMACSJ1430.0+4127		RA: 14 30 4.9720 (217.5207167d) Dec: +41 27 7.22 (41.45201d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit				
	1	1430+41_81 4	(39) EMACSJ1430.0 +4127	ACS/WFC, ACCUM, WFC			F814W		CR-SPLIT=NO				Pattern 1, Exps 1-1 i n Visit 89 (1)		400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]				[1]				
Orbit Structure	Orbit 1 Server Version: 20181130																						

Proposal 15132 - Visit 90 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 90, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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		
	(40)	EMACSJ1437.8+0616	RA: 14 37 49.7520 (219.4573000d) Dec: +06 16 40.87 (6.27802d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1437+06_81	(40) EMACSJ1437.8	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	+0616	+0616					n Visit 90 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 91 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

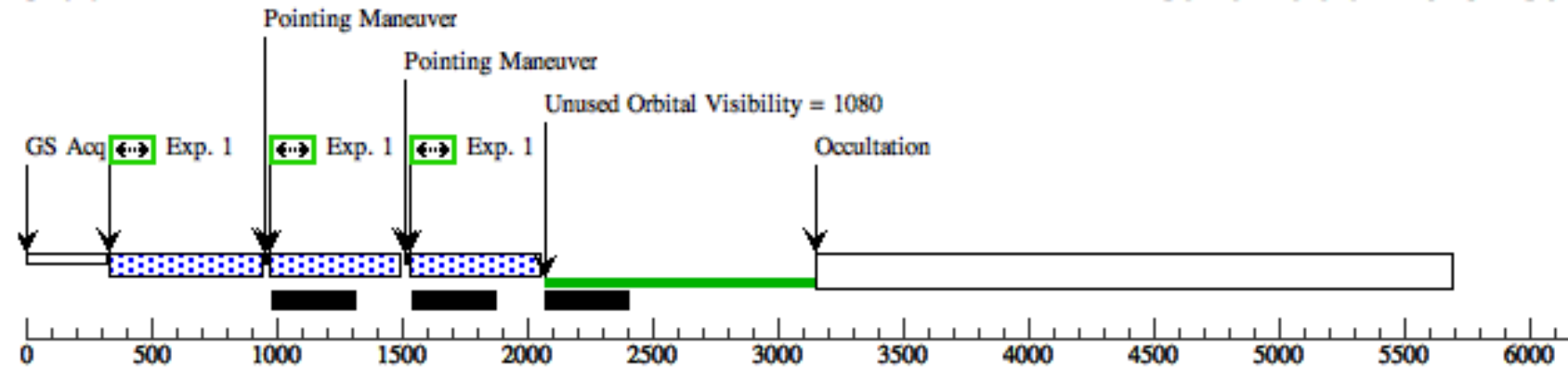
Visit	Proposal 15132, Visit 91, scheduling										Mon Apr 15 13:01:57 GMT 2019
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: ACS/WFC										
	Special Requirements: (none)										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(1)	Pattern Type=ACS-WFC-DITHER-LINE 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		
	(41)	EMACSJ1443.2+0102	RA: 14 43 9.3080 (220.7887833d) Dec: +01 02 12.20 (1.03672d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1443+01_81	(41) EMACSJ1443.2	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4		+0102					n Visit 91 (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 92 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 92, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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		
	(44)	EMACSJ1523.1+1329	RA: 15 23 11.9530 (230.7998042d) Dec: +13 29 26.85 (13.49079d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1523+13_81 4	(44) EMACSJ1523.1 +1329	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i n Visit 92 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 93 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 93, scheduling										Mon Apr 15 13:01:57 GMT 2019												
	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							
	(45)	EMACSJ1527.6+2044		RA: 15 27 42.1040 (231.9254333d) Dec: +20 44 38.64 (20.74407d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit			
	1	1527+20_81	(45) EMACSJ1527.6	ACS/WFC, ACCUM, WFC				F814W		CR-SPLIT=NO				Pattern 1, Exps 1-1 i n Visit 93 (1)		400 Secs (1200 Secs)							
	4		+2044													[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]				[1]			
Orbit Structure	Orbit 1 Server Version: 20181130 																						

Proposal 15132 - Visit 94 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 94, completed										Mon Apr 15 13:01:57 GMT 2019	
	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			
	(51)	EMACSJ1756.8+4008	RA: 17 56 52.6120 (269.2192167d) Dec: +40 08 7.42 (40.13539d) Equinox: J2000				V=20		Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	1756+40_81 4	(51) EMACSJ1756.8 +4008	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 94 (1)	400 Secs (1200 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 95 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 95, completed										Mon Apr 15 13:01:57 GMT 2019												
	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							
	(52)	EMACSJ1757.5+3045		RA: 17 57 29.4130 (269.3725542d) Dec: +30 45 53.85 (30.76496d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit			
	1	1757+30_81	(52) EMACSJ1757.5	ACS/WFC, ACCUM, WFC				F814W		CR-SPLIT=NO				Pattern 1, Exps 1-1 i n Visit 95 (1)		400 Secs (1200 Secs)							
	4		+3045													[>=>(Pattern 1)] [>=>(Pattern 2)] [>=>(Pattern 3)]				[1]			
Orbit Structure	Orbit 1 Server Version: 20181130																						

Proposal 15132 - Visit 96 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 96, completed										Mon Apr 15 13:01:57 GMT 2019	
	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			
	(56)	EMACSJ1852.0+4900	RA: 18 52 2.6770 (283.0111542d) Dec: +49 01 17.81 (49.02161d) Equinox: J2000				V=20		Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	1852+49_81	(56) EMACSJ1852.0	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 96 (1)	400 Secs (1200 Secs)			
											[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 97 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 97, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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)	EMACSJ2020.1-1432	RA: 20 20 10.4330 (305.0434708d) Dec: -14 31 52.78 (-14.53133d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	2020-14_81	(88) EMACSJ2020.1	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4		-1432					n Visit 97 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 98 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 98, scheduling									
	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	
	(58)	EMACSJ2025.5-2313	RA: 20 25 31.1630 (306.3798458d) Dec: -23 13 9.40 (-23.21928d) Equinox: J2000				V=20.0		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	2025-23_81	(58) EMACSJ2025.5	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)	
	4	-2313	-2313					n Visit 98 (1)	[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130									

Proposal 15132 - Visit 99 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 99, scheduling									
	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)	EMACSJ2026.7-1920	RA: 20 26 47.5330 (306.6980542d) Dec: -19 20 18.38 (-19.33844d) Equinox: J2000				V=20		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	2026-19_81_4	(59) EMACSJ2026.7-1920	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 99 (1)	400 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20181130									

Proposal 15132 - Visit 0A - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 0A, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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		
	(61)	EMACSJ2045.8-2438	RA: 20 45 48.5230 (311.4521792d) Dec: -24 38 41.76 (-24.64493d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	2045-24_814	(61) EMACSJ2045.8-2438	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 0A (1)	400 Secs (1200 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 0B - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 0B, scheduling										Mon Apr 15 13:01:57 GMT 2019	
	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)	EMACSJ2137.2-2232	RA: 21 37 14.7210 (324.3113375d) Dec: -22 32 15.31 (-22.53759d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	2137-22_81_4	(63) EMACSJ2137.2-2232	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 0B (1)	400 Secs (1200 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 0C - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 0C, completed										Mon Apr 15 13:01:57 GMT 2019
	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	
	(66)	EMACSJ2220.3-1211	RA: 22 20 17.5090 (335.0729542d) Dec: -12 11 29.35 (-12.19149d) Equinox: J2000					V=20		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	2220-12_81_4	(66) EMACSJ2220.3-1211	ACS/WFC, ACCUM, WFC		F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 0C (1)	400 Secs (1200 Secs)	
										[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130 050010001500200025003000350040004500500055006000 sec										

Proposal 15132 - Visit 0D - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0D, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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)	EMACSJ2315.3-2128	RA: 23 15 21.5770 (348.8399042d) Dec: -21 27 50.49 (-21.46402d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	2315-21_81	(70) EMACSJ2315.3	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	-2128	-2128					n Visit 0D (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 0E - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0E, withdrawn										Mon Apr 15 13:01:57 GMT 2019
	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		
	(72)	EMACSJ2327.4-0204	RA: 23 27 27.5950 (351.8649792d) Dec: -02 04 37.24 (-2.07701d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	2327-02_81	(72) EMACSJ2327.4	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 i	400 Secs (1200 Secs)		
	4	-0204	-0204					n Visit 0E (1)	[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 0F - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:57 GMT 2019

Visit	Proposal 15132, Visit 0F, scheduling									
	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	
	(89)	EMACSJ2351.6-2818	RA: 23 51 38.1380 (357.9089083d) Dec: -28 18 19.48 (-28.30541d) Equinox: J2000				V=20.0		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	2351-28_814	(89) EMACSJ2351.6-2818	ACS/WFC, ACCUM, WFC	F814W	CR-SPLIT=NO		Pattern 1, Exps 1-1 in Visit 0F (1)	400 Secs (1200 Secs)	
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20181130									

Proposal 15132 - Visit 0G - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0G, completed										Mon Apr 15 13:01:57 GMT 2019
	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)	EMACSJ0027.0+1252	RA: 00 27 6.0590 (6.7752458d) Dec: +12 51 21.43 (12.85595d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0027+12_11_0	(73) EMACSJ0027.0+1252	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 0G (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	0027+12_14_0	(73) EMACSJ0027.0+1252	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 0G (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 GS AcqExp. 1Exp. 1Exp. 2Exp. 2ReconfigUnused Orbital Visibility = 1176Occultation										

Proposal 15132 - Visit 0H - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0H, completed Mon Apr 15 13:01:57 GMT 2019				
	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
	(74)	EMACSJ0031.2+1907	RA: 00 31 14.8860 (7.8120250d) Dec: +19 07 33.67 (19.12602d) Equinox: J2000		V=20.0
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0031+19_11 0	(74) EMACSJ0031.2 +1907	WFC3/IR, MULTIACCUM, IR	F110W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 1-1 i n Visit 0H (2)
					Exp. Time (Total)/[Actual Dur.]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)]
					[=>(Pattern 2)]
					[1]
	2	0031+19_14 0	(74) EMACSJ0031.2 +1907	WFC3/IR, MULTIACCUM, IR	F140W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 2-2 i n Visit 0H (2)
					Exp. Time (Total)/[Actual Dur.]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)]
					[=>(Pattern 2)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20181130				
	The diagram illustrates the timeline of Orbit 1, showing the sequence of events and their durations. The timeline is marked from 0 to 6000 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 1900 seconds. - Unused Orbital Visibility = 1183: Period of unused orbital visibility from approximately 2000 to 3183 seconds. - Occultation: Occultation event at approximately 3183 seconds.				

Proposal 15132 - Visit 0I - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0I, completed Mon Apr 15 13:01:57 GMT 2019				
	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
	(75)	EMACSJ0121.4+2143	RA: 01 21 27.7990 (20.3658292d) Dec: +21 44 4.30 (21.73453d) Equinox: J2000		V=20.0
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0121+21_11 0	(75) EMACSJ0121.4 +2143	WFC3/IR, MULTIACCUM, IR	F110W
	2	0121+21_14 0	(75) EMACSJ0121.4 +2143	WFC3/IR, MULTIACCUM, IR	F140W
	Opt. Params. Special Reqs. Groups Exp. Time (Total)/[Actual Dur.] Orbit				
	SAMP-SEQ=SPARS 25; NSAMP=15 Pattern 2, Exps 1-1 in Visit 0I (2) 352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [1]				
	SAMP-SEQ=SPARS 25; NSAMP=15 Pattern 2, Exps 2-2 in Visit 0I (2) 352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [1]				
Orbit Structure	Orbit 1 Server Version: 20181130				
	The diagram illustrates the timeline of Orbit 1. It starts with a Ground Station Acquisition (GS Acq) phase, followed by two exposure periods (Exp. 1 and Exp. 2) separated by pointing maneuvers. After the second exposure, there is a reconfiguration phase and a period of unused orbital visibility. The orbit ends with an occultation phase. The total duration of the orbit is 5700 seconds.				

Proposal 15132 - Visit 0J - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0J, scheduling										Mon Apr 15 13:01:57 GMT 2019	
	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			
	(76)	EMACSJ0124.0+0430	RA: 01 24 1.9030 (21.0079292d) Dec: +04 31 32.90 (4.52581d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	0124+04_11_0	(76) EMACSJ0124.0+0430	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 0J (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]		[1]	
	2	0124+04_14_0	(76) EMACSJ0124.0+0430	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 0J (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 0K - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0K, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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		
	(78)	EMACSJ0224.5-1615	RA: 02 24 31.2490 (36.1302042d) Dec: -16 16 8.98 (-16.26916d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0224-16_110	(78) EMACSJ0224.5-1615	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 0K (2)	352.939501 Secs (705.879 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)]		[1]
	2	0224-16_140	(78) EMACSJ0224.5-1615	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 0K (2)	352.939501 Secs (705.879 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 0L - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0L, completed Mon Apr 15 13:01:57 GMT 2019				
	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
	(79)	EMACSJ0241.0+2557	RA: 02 41 2.3960 (40.2599833d) Dec: +25 57 14.21 (25.95395d) Equinox: J2000		V=20.0
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0241+25_11_0	(79) EMACSJ0241.0+2557	WFC3/IR, MULTIACCUM, IR	F110W
	2	0241+25_14_0	(79) EMACSJ0241.0+2557	WFC3/IR, MULTIACCUM, IR	F140W
					Opt. Params.
					Special Reqs.
					Groups
					Exp. Time (Total)/[Actual Dur.]
					Orbit
					[1]
					[1]
Orbit Structure	Orbit 1 Server Version: 20181130				

Proposal 15132 - Visit 0M - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 0M, completed										Mon Apr 15 13:01:57 GMT 2019												
	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							
	(80)	EMACSJ0248.2+0237		RA: 02 48 12.9450 (42.0539375d) Dec: +02 38 27.92 (2.64109d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit				
	1	0248+02_11_0	(80) EMACSJ0248.2+0237	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 0M (2)		352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]				[1]				
	2	0248+02_14_0	(80) EMACSJ0248.2+0237	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 0M (2)		352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]				[1]				
Orbit Structure	Orbit 1 Server Version: 20181130																						

Proposal 15132 - Visit 0N - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0N, scheduling										Mon Apr 15 13:01:57 GMT 2019
	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		
	(12)	EMACSJ0252.4-2100	RA: 02 52 27.2120 (43.113833d) Dec: -21 00 51.41 (-21.01428d) Equinox: J2000				V=20		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0252-21_110	(12) EMACSJ0252.4-2100	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 0N (2)	352.939501 Secs (705.879 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	0252-21_140	(12) EMACSJ0252.4-2100	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 0N (2)	352.939501 Secs (705.879 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 00 - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:58 GMT 2019

Visit	Proposal 15132, Visit 00, 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	
	(81)	EMACSJ0325.4-0359		RA: 03 25 32.3240 (51.3846833d) Dec: -03 59 37.77 (-3.99383d) Equinox: J2000				V=20.0		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	
	1	0325-03_110	(81) EMACSJ0325.4-0359	WFC3/IR, MULTIACCUM, IR		F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 00 (2)	352.939501 Secs (705.879 Secs)	
										[=>(Pattern 1)] [=>(Pattern 2)]	
	2	0325-03_140	(81) EMACSJ0325.4-0359	WFC3/IR, MULTIACCUM, IR		F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 00 (2)	352.939501 Secs (705.879 Secs)	
										[=>(Pattern 1)] [=>(Pattern 2)]	
Orbit Structure	Orbit 1										
	Server Version: 20181130										

Proposal 15132 - Visit 0P - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0P, scheduling										Mon Apr 15 13:01:58 GMT 2019	
	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			
	(15)	EMACSJ0403.6+1544	RA: 04 03 41.8410 (60.9243375d) Dec: +15 44 37.35 (15.74371d) Equinox: J2000				V=20		Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	0403+15_11_0	(15) EMACSJ0403.6+1544	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 0P (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]		[1]	
	2	0403+15_14_0	(15) EMACSJ0403.6+1544	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 0P (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 0Q - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:58 GMT 2019

Visit	Proposal 15132, Visit 0Q, 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 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	
	(82)	EMACSJ0502.9-2902	RA: 05 02 54.5580 (75.7273250d) Dec: -29 02 20.76 (-29.03910d) Equinox: J2000				V=20		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	0502-29_110	(82) EMACSJ0502.9-2902	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 0Q (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	0502-29_140	(82) EMACSJ0502.9-2902	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 0Q (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130									

Proposal 15132 - Visit 0R - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0R, completed										Mon Apr 15 13:01:58 GMT 2019
	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		
	(83)	EMACSJ0742.9+5001	RA: 07 43 12.7700 (115.8032083d) Dec: +50 02 8.83 (50.03579d) Equinox: J2000				V=20		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	0742+50_11 0	(83) EMACSJ0742.9 +5001	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 0R (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]		[1]
	2	0742+50_14 0	(83) EMACSJ0742.9 +5001	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 0R (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 0S - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0S, completed										Mon Apr 15 13:01:58 GMT 2019	
	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			
	(84)	EMACSJ0850.2-0611	RA: 08 50 12.8720 (132.5536333d) Dec: -06 12 21.62 (-6.20601d) Equinox: J2000				V=20		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	0850-06_110	(84) EMACSJ0850.2-0611	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 0S (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]	
Exposures	2	0850-06_140	(84) EMACSJ0850.2-0611	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 0S (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 0T - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0T, completed										Mon Apr 15 13:01:58 GMT 2019												
	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							
	(85)	EMACSJ1025.0-1354		RA: 10 25 3.2630 (156.2635958d) Dec: -13 54 29.07 (-13.90807d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit				
	1	1025-13_110	(85) EMACSJ1025.0-1354	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 0T (2)		352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]				[1]				
	2	1025-13_140	(85) EMACSJ1025.0-1354	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 0T (2)		352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]				[1]				
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the orbital structure for Orbit 1, spanning from 0 to 6000 seconds. Key events and durations are marked: GS Acq (approx. 0-50s), Exp. 1 (approx. 50-250s), Pointing Maneuver (approx. 250-350s), Exp. 2 (approx. 350-550s), another Pointing Maneuver (approx. 550-650s), a second Exp. 2 (approx. 650-850s), a third Pointing Maneuver (approx. 850-950s), and a Reconfig segment (approx. 950-1176s). A green bar from 1176s to 3176s represents 'Unused Orbital Visibility = 1176' seconds. The Occultation period begins at 3176s and continues until the end of the orbit at 6000s. The timeline is divided into segments by vertical arrows indicating the start of each activity.																						

Proposal 15132 - Visit 0U - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0U, completed										Mon Apr 15 13:01:58 GMT 2019	
	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			
	(23)	EMACSJ1030.5+5132	RA: 10 30 35.1150 (157.6463125d) Dec: +51 32 32.01 (51.54222d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	1030+51_11_0	(23) EMACSJ1030.5+5132	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 0U (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]	
Exposures	2	1030+51_14_0	(23) EMACSJ1030.5+5132	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 0U (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]	
Orbit Structure	Orbit 1											
	Server Version: 20181130											
The diagram illustrates the timeline of Orbit 1, starting from 0 seconds to 6000 seconds. Key events include: GS Acq (0-50s), Exp. 1 (50-750s), Exp. 2 (750-1150s), Pointing Maneuver (1150-1250s), Exp. 2 (1250-1550s), Pointing Maneuver (1550-1650s), Reconfig (1650-1750s), and Unused Orbital Visibility (1750-3350s). The timeline is marked with a scale from 0 to 6000 seconds.												

Proposal 15132 - Visit 0V - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0V, scheduling										Mon Apr 15 13:01:58 GMT 2019												
	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							
	(24)	EMACSJ1050.6+3548		RA: 10 50 38.5700 (162.6607083d) Dec: +35 49 12.80 (35.82022d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit				
	1	1050+35_110	(24) EMACSJ1050.6+3548	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 0V (2)		352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]				[1]				
	2	1050+35_140	(24) EMACSJ1050.6+3548	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 0V (2)		352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]				[1]				
Orbit Structure	Orbit 1 Server Version: 20181130 Unused Orbital Visibility = 1227																						

Proposal 15132 - Visit 0W - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0W, completed										Mon Apr 15 13:01:58 GMT 2019	
	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			
	(26)	EMACSJ1131.1+3553	RA: 11 31 13.6690 (172.8069542d) Dec: +35 54 11.11 (35.90309d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	1131+35_11 0	(26) EMACSJ1131.1 +3553	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 0W (2)	352.939501 Secs (705.879 Secs)			
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
	2	1131+35_14 0	(26) EMACSJ1131.1 +3553	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 0W (2)	352.939501 Secs (705.879 Secs)			
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 0X - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0X, completed										Mon Apr 15 13:01:58 GMT 2019	
	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			
	(27)	EMACSJ1136.8+0005	RA: 11 36 52.9230 (174.2205125d) Dec: +00 05 50.59 (.09739d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	1136+00_11_0	(27) EMACSJ1136.8+0005	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 0X (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]	
Exposures	2	1136+00_14_0	(27) EMACSJ1136.8+0005	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 0X (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]	
Orbit Structure	Orbit 1											
	Server Version: 20181130											
The diagram illustrates the timeline of Orbit 1, spanning from 0 to 6000 seconds. Key events are marked with arrows: GS Acq at ~200s, Exp. 1 at ~700s, Exp. 2 at ~1100s, Reconfig at ~1900s, and Occultation at ~3100s. The timeline is divided into segments: a blue checkered segment from ~300s to ~1900s, a green segment from ~1900s to ~3100s, and a white segment from ~3100s to ~5700s. Black bars below the timeline indicate specific exposure periods. The text 'Unused Orbital Visibility = 1169' is positioned above the Reconfig event.												

Proposal 15132 - Visit 0Y - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:58 GMT 2019

Visit	Proposal 15132, Visit 0Y, implementation									
	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	
	(86)	EMACSJ1157.9-1046	RA: 11 57 58.4000 (179.493333d) Dec: -10 46 6.00 (-10.76833d) Equinox: J2000				V=20.0		Reference Frame: ICRS	
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	1157-10_110	(86) EMACSJ1157.9-1046	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 0Y (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]
	2	1157-10_140	(86) EMACSJ1157.9-1046	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 0Y (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]
Orbit Structure	Orbit 1 Server Version: 20181130									

Proposal 15132 - Visit 0Z - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 0Z, completed Mon Apr 15 13:01:58 GMT 2019				
	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
	(30)	EMACSJ1209.4+2640	RA: 12 09 23.6760 (182.3486500d) Dec: +26 40 46.67 (26.67963d) Equinox: J2000		V=20.0
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1209+26_11_0	(30) EMACSJ1209.4 +2640	WFC3/IR, MULTIACCUM, IR	F110W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 1-1 in Visit 0Z (2)
					Exp. Time (Total)/[Actual Dur.]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)] [=>(Pattern 2)]
					[1]
	2	1209+26_14_0	(30) EMACSJ1209.4 +2640	WFC3/IR, MULTIACCUM, IR	F140W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 2-2 in Visit 0Z (2)
					Exp. Time (Total)/[Actual Dur.]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)] [=>(Pattern 2)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20181130				
	The diagram illustrates the timeline of Orbit 1, showing various events and their durations. The timeline is marked from 0 to 6000 seconds. Key events include: GS Acq (Greenwich Standard Acquisition), Exp. 1 (Exposure 1), Pointing Maneuver, Exp. 2 (Exposure 2), Pointing Maneuver, Reconfig (Reconfiguration), Unused Orbital Visibility = 1192 (Unused Orbital Visibility), and Occultation (Occultation). The timeline is divided into segments: GS Acq (0-500s), Exp. 1 (500-1000s), Pointing Maneuver (1000-1200s), Exp. 2 (1200-1500s), Pointing Maneuver (1500-1800s), Reconfig (1800-2000s), Unused Orbital Visibility = 1192 (2000-3192s), and Occultation (3192-5700s).				

Proposal 15132 - Visit 1A - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1A, scheduling										Mon Apr 15 13:01:58 GMT 2019												
	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							
	(31)	EMACSJ1212.5-1216		RA: 12 12 30.2400 (183.1260000d) Dec: -12 16 19.94 (-12.27221d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit				
	1	1212-12_11_0	(31) EMACSJ1212.5-1216	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 1A (2)		352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]				[1]				
	2	1212-12_14_0	(31) EMACSJ1212.5-1216	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 1A (2)		352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]				[1]				
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the mission timeline for Orbit 1, spanning from 0 to 6000 seconds. Key phases include: GS Acq (0-50s), Exp. 1 (50-100s), Pointing Maneuver (100-150s), Exp. 2 (150-200s), Pointing Maneuver (200-250s), Reconfig (250-300s), Unused Orbital Visibility (300-1476s), and Occultation (1476-5700s). The timeline is color-coded: blue checkered for exposures, black for pointing maneuvers, green for reconfiguration, and white for unused visibility and occultation.																						

Proposal 15132 - Visit 1B - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1B, completed										Mon Apr 15 13:01:58 GMT 2019	
	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			
	(32)	EMACSJ1222.3+2418	RA: 12 22 18.9540 (185.5789750d) Dec: +24 19 1.65 (24.31713d) Equinox: J2000				V=20.0		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	1222+24_11_0	(32) EMACSJ1222.3 +2418	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1B (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]	
	2	1222+24_14_0	(32) EMACSJ1222.3 +2418	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1B (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]	
Orbit Structure	Orbit 1 Server Version: 20181130											

Proposal 15132 - Visit 1C - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1C, completed										Mon Apr 15 13:01:58 GMT 2019
	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		
	(87)	EMACSJ1251.3+3131	RA: 12 51 20.4630 (192.8352625d) Dec: +31 31 24.16 (31.52338d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1251+31_11 0	(87) EMACSJ1251.3 +3131	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 i n Visit 1C (2)	352.939501 Secs (705.879 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)]		[1]
	2	1251+31_14 0	(87) EMACSJ1251.3 +3131	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 i n Visit 1C (2)	352.939501 Secs (705.879 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130										

Proposal 15132 - Visit 1D - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 1D, scheduling										Mon Apr 15 13:01:58 GMT 2019												
	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							
	(35)	EMACSJ1350.7-1055		RA: 13 50 46.4350 (207.6934792d) Dec: -10 55 32.24 (-10.92562d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit				
	1	1350-10_110	(35) EMACSJ1350.7-1055	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 1D (2)		352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]				[1]				
	2	1350-10_140	(35) EMACSJ1350.7-1055	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 1D (2)		352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]				[1]				
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the mission timeline for Orbit 1, spanning from 0 to 6000 seconds. Key phases include: GS Acq (0-50s), Exp. 1 (50-250s), Pointing Maneuver (250-350s), Exp. 2 (350-550s), Pointing Maneuver (550-650s), Exp. 2 (650-850s), Pointing Maneuver (850-950s), Reconfig (950-1050s), Unused Orbital Visibility (1050-3116s), and Occultation (3116-5700s). The timeline is marked with a scale from 0 to 6000 seconds.																						

Proposal 15132 - Visit 1E - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Mon Apr 15 13:01:58 GMT 2019

Visit	Proposal 15132, Visit 1E, scheduling										Mon Apr 15 13:01:58 GMT 2019
	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		
	(36)	EMACSJ1353.7+4329	RA: 13 53 44.1880 (208.4341167d) Dec: +43 29 5.02 (43.48473d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1353+43_110	(36) EMACSJ1353.7+4329	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1E (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]		[1]
	2	1353+43_140	(36) EMACSJ1353.7+4329	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1E (2)	352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram shows a timeline from 0 to 6000 seconds. Key events include: GS Acq (0-50s), Exp. 1 (50-100s), Pointing Maneuver (100-150s), Exp. 2 (150-200s), Pointing Maneuver (200-250s), Exp. 2 (250-300s), Pointing Maneuver (300-350s), Reconfig (350-400s), Unused Orbital Visibility = 1265 (400-1565s), and Occultation (1565-5700s). The timeline is divided into segments: blue checkered (0-100s), black (100-150s), blue checkered (150-200s), black (200-250s), blue checkered (250-300s), black (300-350s), green (350-1565s), and white (1565-5700s).										

Proposal 15132 - Visit 1F - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1F, scheduling										Mon Apr 15 13:01:58 GMT 2019
	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		
	(37)	EMACSJ1407.0-0015	RA: 14 07 7.0410 (211.7793375d) Dec: -00 15 5.21 (-.25145d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1407-00_110	(37) EMACSJ1407.0-0015	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1F (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	1407-00_140	(37) EMACSJ1407.0-0015	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1F (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram shows a timeline from 0 to 6000 seconds. Key events include: GS Acq (0-50s), Exp. 1 (50-100s), Pointing Maneuver (100-150s), Exp. 2 (150-200s), Pointing Maneuver (200-250s), Exp. 2 (250-300s), Pointing Maneuver (300-350s), Reconfig (350-400s), Unused Orbital Visibility = 1169 (400-1569s), and Occultation (1569-3119s). The timeline is divided into segments: blue checkered (0-100s), black (100-150s), blue checkered (150-200s), black (200-250s), blue checkered (250-300s), black (300-350s), green (350-1569s), and white (1569-3119s).										

Proposal 15132 - Visit 1G - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1G, completed Mon Apr 15 13:01:58 GMT 2019				
	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
	(90)	EMACSJ1414.7+5446	RA: 14 14 47.1510 (213.6964625d) Dec: +54 47 3.02 (54.78417d) Equinox: J2000		V=20.0
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1414+54_11_0	(90) EMACSJ1414.7+5446	WFC3/IR, MULTIACCUM, IR	F110W
	2	1414+54_14_0	(90) EMACSJ1414.7+5446	WFC3/IR, MULTIACCUM, IR	F140W
					Opt. Params.
					Special Reqs.
					Groups
					Exp. Time (Total)/[Actual Dur.]
					Orbit
					[1]
					[1]
Orbit Structure	Orbit 1 Server Version: 20181130				
	The diagram illustrates the timeline for Orbit 1, spanning from 0 to 6000 seconds. 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 1100 seconds. Pointing Maneuver: Second pointing maneuver at approximately 1400 seconds. Exp. 2: Second exposure at approximately 1700 seconds. Pointing Maneuver: Third pointing maneuver at approximately 2000 seconds. Reconfig: Reconfiguration at approximately 2300 seconds. Unused Orbital Visibility = 1360: Period from 2300 to 3660 seconds. Occultation: Occultation event at approximately 3660 seconds.				

Proposal 15132 - Visit 1H - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1H, completed										Mon Apr 15 13:01:58 GMT 2019												
	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							
	(38)	EMACSJ1419.1-0624		RA: 14 19 3.2610 (214.7635875d) Dec: -06 24 33.97 (-6.40944d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit				
	1	1419-06_110	(38) EMACSJ1419.1-0624	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 1H (2)		352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]				[1]				
	2	1419-06_140	(38) EMACSJ1419.1-0624	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 1H (2)		352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]				[1]				
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the timeline of Orbit 1, spanning from 0 to 6000 seconds. Key phases include: GS Acq (0-50s), Exp. 1 (50-250s), Pointing Maneuver (250-350s), Exp. 2 (350-550s), Pointing Maneuver (550-650s), Exp. 2 (650-850s), Pointing Maneuver (850-950s), Reconfig (950-1050s), Unused Orbital Visibility (1050-2222s), and Occultation (2222-5700s). The timeline is marked with a scale from 0 to 6000 seconds.																						

Proposal 15132 - Visit 1I - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1I, completed										Mon Apr 15 13:01:58 GMT 2019
	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		
	(39)	EMACSJ1430.0+4127	RA: 14 30 4.9720 (217.5207167d) Dec: +41 27 7.22 (41.45201d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1430+41_11_0	(39) EMACSJ1430.0+4127	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1I (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	1430+41_14_0	(39) EMACSJ1430.0+4127	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1I (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the timeline for Orbit 1, spanning from 0 to 6000 seconds. Key events include: GS Acq: Ground Station Acquisition at approximately 100 seconds. Exp. 1: Exposure 1 at approximately 400 seconds. Pointing Maneuver: First maneuver at approximately 700 seconds. Exp. 2: Exposure 2 at approximately 1100 seconds. Pointing Maneuver: Second maneuver at approximately 1400 seconds. Exp. 2: Second exposure at approximately 1700 seconds. Pointing Maneuver: Third maneuver at approximately 2000 seconds. Reconfig: Reconfiguration at approximately 2300 seconds. Unused Orbital Visibility = 1265: A period of 1265 seconds of unused visibility following the reconfiguration. Occultation: Occultation event at approximately 3200 seconds. The timeline is marked with a scale from 0 to 6000 seconds, with major ticks every 500 seconds. The events are represented by colored bars and arrows indicating their duration and timing.										

Proposal 15132 - Visit 1J - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 1J, completed Mon Apr 15 13:01:58 GMT 2019				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/IR Special Requirements: (none)				
Patterns	#	Primary Pattern		Secondary Pattern	
	(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			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(40)	EMACSJ1437.8+0616	RA: 14 37 49.7520 (219.4573000d) Dec: +06 16 40.87 (6.27802d) Equinox: J2000		V=20
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1437+06_11_0	(40) EMACSJ1437.8+0616	WFC3/IR, MULTIACCUM, IR	F110W
	2	1437+06_14_0	(40) EMACSJ1437.8+0616	WFC3/IR, MULTIACCUM, IR	F140W
					Opt. Params.
					Special Reqs.
					Groups
					Exp. Time (Total)/[Actual Dur.]
					Orbit
					[1]
					[1]
Orbit Structure	Orbit 1 Server Version: 20181130				
	The diagram illustrates the timeline of Orbit 1. It starts with a Ground Station Acquisition (GS Acq) from 0 to 50 seconds, followed by the first exposure (Exp. 1) from 50 to 100 seconds. A pointing maneuver occurs from 100 to 150 seconds, leading to the second exposure (Exp. 2) from 150 to 200 seconds. Another pointing maneuver follows from 200 to 250 seconds, and a reconfiguration (Reconfig) occurs from 250 to 300 seconds. A period of unused orbital visibility of 1172 seconds follows, ending at 1417 seconds. The orbit concludes with an occultation from 1417 seconds to 5700 seconds. The timeline is marked with a scale from 0 to 6000 seconds.				

Proposal 15132 - Visit 1K - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1K, completed					Mon Apr 15 13:01:58 GMT 2019					
	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		
	(41)	EMACSJ1443.2+0102	RA: 14 43 9.3080 (220.7887833d) Dec: +01 02 12.20 (1.03672d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1443+01_11_0	(41) EMACSJ1443.2+0102	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1K (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	1443+01_14_0	(41) EMACSJ1443.2+0102	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1K (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 050010001500200025003000350040004500500055006000 sec										

Proposal 15132 - Visit 1L - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1L, completed										Mon Apr 15 13:01:58 GMT 2019	
	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		
	(44)	EMACSJ1523.1+1329		RA: 15 23 11.9530 (230.7998042d) Dec: +13 29 26.85 (13.49079d) Equinox: J2000				V=20		Reference Frame: ICRS		
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1523+13_11_0	(44) EMACSJ1523.1+1329	WFC3/IR, MULTIACCUM, IR		F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1L (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
Exposures	2	1523+13_14_0	(44) EMACSJ1523.1+1329	WFC3/IR, MULTIACCUM, IR		F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1L (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
Orbit Structure	Orbit 1											
	Server Version: 20181130											

Proposal 15132 - Visit 1M - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1M, completed										Mon Apr 15 13:01:58 GMT 2019												
	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							
	(45)	EMACSJ1527.6+2044		RA: 15 27 42.1040 (231.9254333d) Dec: +20 44 38.64 (20.74407d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit			
	1	1527+20_11 0	(45) EMACSJ1527.6 +2044	WFC3/IR, MULTIACCUM, IR				F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 i n Visit 1M (2)		352.939501 Secs (705.879 Secs)							
																[==>(Pattern 1)] [==>(Pattern 2)]				[1]			
	2	1527+20_14 0	(45) EMACSJ1527.6 +2044	WFC3/IR, MULTIACCUM, IR				F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 i n Visit 1M (2)		352.939501 Secs (705.879 Secs)							
																[==>(Pattern 1)] [==>(Pattern 2)]				[1]			
Orbit Structure	Orbit 1 Server Version: 20181130																						
	Unused Orbital Visibility = 1184																						

Proposal 15132 - Visit 1N - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1N, scheduling Mon Apr 15 13:01:58 GMT 2019				
	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
	(46)	EMACSJ1621.2-0231	RA: 16 21 18.8270 (245.3284458d) Dec: -02 32 44.73 (-2.54576d) Equinox: J2000		V=20.0
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	1621-02_11_0	(46) EMACSJ1621.2-0231	WFC3/IR, MULTIACCUM, IR	F110W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 1-1 in Visit 1N (2)
					Exp. Time (Total)/[Actual Dur.]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)] [=>(Pattern 2)]
					[1]
	2	1621-02_14_0	(46) EMACSJ1621.2-0231	WFC3/IR, MULTIACCUM, IR	F140W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 2-2 in Visit 1N (2)
					Exp. Time (Total)/[Actual Dur.]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)] [=>(Pattern 2)]
					[1]
Orbit Structure	Orbit 1				
	Server Version: 20181130				

Proposal 15132 - Visit 1O - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1O, failed										Mon Apr 15 13:01:58 GMT 2019					
	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)	EMACSJ1709.5+4731		RA: 17 09 34.5410 (257.3939208d) Dec: +47 32 35.60 (47.54322d) Equinox: J2000				V=20.0		Reference Frame: ICRS						
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.		Opt. Params.		Special Reqs.		Groups	Exp. Time (Total)/[Actual Dur.]	Orbit		
	1	1709+47_11_0	(49) EMACSJ1709.5+4731	WFC3/IR, MULTIACCUM, IR		F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 1O (2)	352.939501 Secs (705.879 Secs)			
												[==>(Pattern 1)] [==>(Pattern 2)]		[1]		
	2	1709+47_14_0	(49) EMACSJ1709.5+4731	WFC3/IR, MULTIACCUM, IR		F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 1O (2)	352.939501 Secs (705.879 Secs)			
												[==>(Pattern 1)] [==>(Pattern 2)]		[1]		
Orbit Structure	Orbit 1														Server Version: 20181130	

Proposal 15132 - Visit 1P - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1P, completed										Mon Apr 15 13:01:58 GMT 2019												
	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							
	(56)	EMACSJ1852.0+4900		RA: 18 52 2.6770 (283.0111542d) Dec: +49 01 17.81 (49.02161d) Equinox: J2000								V=20				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit				
	1	1852+49_11 0	(56) EMACSJ1852.0 +4900	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 i n Visit 1P (2)		352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]				[1]				
	2	1852+49_14 0	(56) EMACSJ1852.0 +4900	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 i n Visit 1P (2)		352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)]				[1]				
Orbit Structure	Orbit 1 Server Version: 20181130 050010001500200025003000350040004500500055006000 sec																						

Proposal 15132 - Visit 1Q - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1Q, completed										Mon Apr 15 13:01:58 GMT 2019	
	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			
	(88)	EMACSJ2020.1-1432	RA: 20 20 10.4330 (305.0434708d) Dec: -14 31 52.78 (-14.53133d) Equinox: J2000				V=20		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	2020-14_110	(88) EMACSJ2020.1-1432	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1Q (2)	352.939501 Secs (705.879 Secs)			
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
	2	2020-14_140	(88) EMACSJ2020.1-1432	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1Q (2)	352.939501 Secs (705.879 Secs)			
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 1R - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1R, scheduling										Mon Apr 15 13:01:58 GMT 2019												
	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							
	(59)	EMACSJ2026.7-1920		RA: 20 26 47.5330 (306.6980542d) Dec: -19 20 18.38 (-19.33844d) Equinox: J2000								V=20				Reference Frame: ICRS							
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																							
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit			
	1	2026-19_110	(59) EMACSJ2026.7-1920	WFC3/IR, MULTIACCUM, IR				F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 1R (2)		352.939501 Secs (705.879 Secs)							
																[=>(Pattern 1)] [=>(Pattern 2)]				[1]			
	2	2026-19_140	(59) EMACSJ2026.7-1920	WFC3/IR, MULTIACCUM, IR				F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 1R (2)		352.939501 Secs (705.879 Secs)							
																	[=>(Pattern 1)] [=>(Pattern 2)]				[1]		
Orbit Structure	Orbit 1 Server Version: 20181130																						

Proposal 15132 - Visit 1S - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1S, scheduling										Mon Apr 15 13:01:58 GMT 2019
	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)	EMACSJ2037.1-2534	RA: 20 37 4.3160 (309.2679833d) Dec: -25 34 58.56 (-25.58293d) Equinox: J2000				V=20.0		Reference Frame: ICRS		
Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	2037-25_110	(60) EMACSJ2037.1-2534	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 1S (2)	352.939501 Secs (705.879 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)]		[1]
	2	2037-25_140	(60) EMACSJ2037.1-2534	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 1S (2)	352.939501 Secs (705.879 Secs)		
									[=>(Pattern 1)] [=>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130 The diagram illustrates the sequence of operations for Orbit 1. It begins with a Ground Station Acquisition (GS Acq) and the first exposure (Exp. 1). This is followed by a pointing maneuver, the second exposure (Exp. 2), another pointing maneuver, a reconfiguration, and a period of unused orbital visibility. The orbit ends with an occultation event.										

Proposal 15132 - Visit 1U - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1U, completed Mon Apr 15 13:01:58 GMT 2019				
	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
	(63)	EMACSJ2137.2-2232	RA: 21 37 14.7210 (324.3113375d) Dec: -22 32 15.31 (-22.53759d) Equinox: J2000		V=20.0
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2137-22_110	(63) EMACSJ2137.2-2232	WFC3/IR, MULTIACCUM, IR	F110W
					Opt. Params. SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups Pattern 2, Exps 1-1 in Visit 1U (2)
					Exp. Time (Total)/[Actual Dur.] 352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)] [=>(Pattern 2)]
					Orbit [1]
	2	2137-22_140	(63) EMACSJ2137.2-2232	WFC3/IR, MULTIACCUM, IR	F140W
					Opt. Params. SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups Pattern 2, Exps 2-2 in Visit 1U (2)
					Exp. Time (Total)/[Actual Dur.] 352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)] [=>(Pattern 2)]
					Orbit [1]
Orbit Structure	Orbit 1 Server Version: 20181130				

Proposal 15132 - Visit 1V - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1V, withdrawn Mon Apr 15 13:01:58 GMT 2019				
	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
	(72)	EMACSJ2327.4-0204	RA: 23 27 27.5950 (351.8649792d) Dec: -02 04 37.24 (-2.07701d) Equinox: J2000		V=20.0
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	2327-02_110	(72) EMACSJ2327.4-0204	WFC3/IR, MULTIACCUM, IR	F110W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 1-1 in Visit 1V (2)
					Exp. Time (Total)/[Actual Dur.]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)] [=>(Pattern 2)]
					[1]
	2	2327-02_140	(72) EMACSJ2327.4-0204	WFC3/IR, MULTIACCUM, IR	F140W
					Opt. Params.
					SAMP-SEQ=SPARS 25; NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 2-2 in Visit 1V (2)
					Exp. Time (Total)/[Actual Dur.]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)] [=>(Pattern 2)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20181130				
	Diagram illustrating the Orbit Structure timeline (0 to 6000 seconds): - GS Acq: 0 to 50s - Exp. 1: 50 to 100s - Pointing Maneuver: 100 to 150s - Exp. 2: 150 to 200s - Pointing Maneuver: 200 to 250s - Exp. 2: 250 to 300s - Pointing Maneuver: 300 to 350s - Reconfig: 350 to 400s - Unused Orbital Visibility: 400 to 1169s - Occultation: 1169 to 5700s				

Proposal 15132 - Visit 1W - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 1W, scheduling										Mon Apr 15 13:01:58 GMT 2019												
	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							
	(89)	EMACSJ2351.6-2818		RA: 23 51 38.1380 (357.9089083d) Dec: -28 18 19.48 (-28.30541d) Equinox: J2000								V=20.0				Reference Frame: ICRS							
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]																						
Exposures	#	Label	Target	Config,Mode,Aperture			Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time (Total)/[Actual Dur.]				Orbit				
	1	2351-28_110	(89) EMACSJ2351.6-2818	WFC3/IR, MULTIACCUM, IR			F110W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 1-1 in Visit 1W (2)		352.939501 Secs (705.879 Secs)								
															[=>(Pattern 1)] [=>(Pattern 2)]				[1]				
	2	2351-28_140	(89) EMACSJ2351.6-2818	WFC3/IR, MULTIACCUM, IR			F140W		SAMP-SEQ=SPARS 25; NSAMP=15				Pattern 2, Exps 2-2 in Visit 1W (2)		352.939501 Secs (705.879 Secs)								
															[=>(Pattern 1)] [=>(Pattern 2)]				[1]				
Orbit Structure	Orbit 1 Server Version: 20181130																						

Proposal 15132 - Visit 2B - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 2B, completed										Mon Apr 15 13:01:58 GMT 2019	
	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			
	(25)	EMACSJ1057.5+5759	RA: 10 57 31.0390 (164.3793292d) Dec: +57 59 45.56 (57.99599d) Equinox: J2000				V=20		Reference Frame: ICRS			
	Comments: Category=CLUSTER OF GALAXIES Description=[HIGH REDSHIFT CLUSTER]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	1057+57_11_0	(25) EMACSJ1057.5+5759	WFC3/IR, MULTIACCUM, IR		F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2B (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2	1057+57_14_0	(25) EMACSJ1057.5+5759	WFC3/IR, MULTIACCUM, IR		F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2B (2)	352.939501 Secs (705.879 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]
Orbit Structure	Orbit 1 Server Version: 20181130											

Proposal 15132 - Visit 2I - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 2I, scheduling Mon Apr 15 13:01:58 GMT 2019				
	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)	EMACSJ0324.0+2421	RA: 03 24 2.4400 (51.0101667d) Dec: +24 21 17.50 (24.35486d) Equinox: J2000		V=20
Exposures	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]				
	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0324+24_11 0	(1) EMACSJ0324.0+ 2421	WFC3/IR, MULTIACCUM, IR	F110W
	2	0324+24_14 0	(1) EMACSJ0324.0+ 2421	WFC3/IR, MULTIACCUM, IR	F140W
					Opt. Params.
					NSAMP=15
					Special Reqs.
					Groups
					Pattern 2, Exps 1-1 i n Visit 2I (2)
					Exp. Time (Total)/[Actual Dur.]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)]
					[=>(Pattern 2)]
					Orbit
					[1]
					Exp. Time (Total)/[Actual Dur.]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)]
					[=>(Pattern 2)]
					Orbit
					[1]
Orbit Structure	Orbit 1				
	Server Version: 20181130				
	Pointing Maneuver				
	Pointing Maneuver				
	Pointing Maneuver				
	Reconfig				
	Unused Orbital Visibility = 1184				
	Occultation				
	GS Acq Exp. 1				
	Exp. 1				
	Exp. 2				
	Exp. 2				
	0				
	500				
	1000				
	1500				
	2000				
	2500				
	3000				
	3500				
	4000				
	4500				
	5000				
	5500				
	6000				
	sec				

Proposal 15132 - Visit 2J - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

Visit	Proposal 15132, Visit 2J, scheduling										Mon Apr 15 13:01:58 GMT 2019	
	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			
	(2)	EMACSJ0127.5-0606	RA: 01 27 34.2700 (21.8927917d) Dec: -06 06 32.50 (-6.10903d) Equinox: J2000				V=20		Reference Frame: ICRS			
Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	0127-06_110	(2) EMACSJ0127.5-0606	WFC3/IR, MULTIACCUM, IR	F110W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 1-1 in Visit 2J (2)	352.939501 Secs (705.879 Secs)			
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
	2	0127-06_140	(2) EMACSJ0127.5-0606	WFC3/IR, MULTIACCUM, IR	F140W	SAMP-SEQ=SPARS 25; NSAMP=15		Pattern 2, Exps 2-2 in Visit 2J (2)	352.939501 Secs (705.879 Secs)			
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
Orbit Structure	Orbit 1											Server Version: 20181130

Proposal 15132 - Visit 2K - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 2K, scheduling Mon Apr 15 13:01:58 GMT 2019				
	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
	(3)	EMACSJ0122.7+1454	RA: 01 22 51.1300 (20.7130417d) Dec: +14 54 12.80 (14.90356d) Equinox: J2000		V=20
	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0122+14_11_0	(3) EMACSJ0122.7+1454	WFC3/IR, MULTIACCUM, IR	F110W
	2	0122+14_14_0	(3) EMACSJ0122.7+1454	WFC3/IR, MULTIACCUM, IR	F140W
	Opt. Params. Special Reqs. Groups Exp. Time (Total)/[Actual Dur.] Orbit				
	SAMP-SEQ=SPARS 25; NSAMP=15 Pattern 2, Exps 1-1 in Visit 2K (2) 352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [1]				
	SAMP-SEQ=SPARS 25; NSAMP=15 Pattern 2, Exps 2-2 in Visit 2K (2) 352.939501 Secs (705.879 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [1]				
Orbit Structure	Orbit 1 Server Version: 20181130				
	Diagram illustrating the Orbit Structure for Orbit 1. The timeline shows various phases: GS Acq, Exp. 1, Pointing Maneuver, Exp. 2, Reconfig, and Occultation. The total duration is 6000 seconds. The diagram includes a scale from 0 to 6000 seconds and labels for 'Unused Orbital Visibility = 1176' and 'Occultation'.				

Proposal 15132 - Visit 2M - Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z>0.5$

Visit	Proposal 15132, Visit 2M, implementation Mon Apr 15 13:01:58 GMT 2019				
	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
	(95)	EMACSJ0153.4+1722	RA: 01 53 23.3100 (28.3471250d) Dec: +17 21 15.40 (17.35428d) Equinox: J2000		V=20
Exposures	Comments: Category=CLUSTER OF GALAXIES Description=[GRAVITATIONAL LENS, HIGH REDSHIFT CLUSTER, RICH CLUSTER]				
	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	0153+17_11_0	(95) EMACSJ0153.4 +1722	WFC3/IR, MULTIACCUM, IR	F110W
	2	0153+17_14_0	(95) EMACSJ0153.4 +1722	WFC3/IR, MULTIACCUM, IR	F140W
				Opt. Params.	Special Reqs.
				SAMP-SEQ=SPARS 25; NSAMP=15	Pattern 2, Exps 1-1 i n Visit 2M (2)
					Exp. Time (Total)/[Actual Dur.]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)]
					[=>(Pattern 2)]
					Orbit
					[1]
					352.939501 Secs (705.879 Secs)
					[=>(Pattern 1)]
					[=>(Pattern 2)]
					[1]
Orbit Structure	Orbit 1 Server Version: 20181130				