



12289 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Cycle: 18, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) J134719.40+590232.8	COS/FUV COS/NUV	1	23-Aug-2010 21:56:18.0	yes
02	(2) J135823.98+021343.7	COS/FUV COS/NUV	1	23-Aug-2010 21:56:21.0	yes
03	(3) J142107.56+253821.0	COS/FUV COS/NUV	1	23-Aug-2010 21:56:24.0	yes
04	(4) J104335.87+115129.1	COS/FUV COS/NUV	1	23-Aug-2010 21:56:27.0	yes
05	(5) J082045.38+130618.9	COS/FUV COS/NUV	1	23-Aug-2010 21:56:30.0	yes
06	(6) J150825.85+201521.2	COS/FUV COS/NUV	1	23-Aug-2010 21:56:32.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
07	(7) J150017.58+121036.5	COS/FUV COS/NUV	1	23-Aug-2010 21:56:37.0	yes
08	(8) J104411.44+015850.5	COS/FUV COS/NUV	1	23-Aug-2010 21:56:39.0	yes
09	(9) J171704.68+281400.4	COS/FUV COS/NUV	1	23-Aug-2010 21:56:42.0	yes
10	(10) J113636.78+390005.0	COS/FUV COS/NUV	1	23-Aug-2010 21:56:44.0	yes
11	(11) J120017.33+235047.7	COS/FUV COS/NUV	1	23-Aug-2010 21:56:47.0	yes
12	(12) J074815.44+220059.5	COS/FUV COS/NUV	1	23-Aug-2010 21:56:49.0	yes
13	(13) J093701.91+342459.8	COS/FUV COS/NUV	1	23-Aug-2010 21:56:52.0	yes
14	(14) J102517.49+155131.2	COS/FUV COS/NUV	1	23-Aug-2010 21:56:54.0	yes
15	(15) J132909.25+480109.6	COS/FUV COS/NUV	1	23-Aug-2010 21:56:56.0	yes
16	(16) J092542.32+344108.6	COS/FUV COS/NUV	1	23-Aug-2010 21:56:58.0	yes
17	(17) J094133.68+594811.2	COS/FUV COS/NUV	1	23-Aug-2010 21:57:00.0	yes
18	(18) J104624.08+210910.3	COS/FUV COS/NUV	1	23-Aug-2010 21:57:03.0	yes
19	(19) J132646.21+210057.9	COS/FUV COS/NUV	1	23-Aug-2010 21:57:05.0	yes
20	(20) J170648.06+321422.8	COS/FUV COS/NUV	1	23-Aug-2010 21:57:08.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
21	(21) J150210.96+342226.9	COS/FUV COS/NUV	1	23-Aug-2010 21:57:10.0	yes
22	(22) J101557.05+010913.6	COS/FUV COS/NUV	1	23-Aug-2010 21:57:12.0	yes
23	(23) J095336.87+161228.9	COS/FUV COS/NUV	1	23-Aug-2010 21:57:16.0	yes
24	(24) J104244.24+164656.1	COS/FUV COS/NUV	1	23-Aug-2010 21:57:18.0	yes
25	(25) J080424.97+274323.2	COS/FUV COS/NUV	1	23-Aug-2010 21:57:20.0	yes
26	(26) J081520.65+273617.0	COS/FUV COS/NUV	1	23-Aug-2010 21:57:22.0	yes
27	(27) J140035.91+553534.4	COS/FUV COS/NUV	1	23-Aug-2010 21:57:25.0	yes
28	(28) J081002.69+502538.7	COS/FUV COS/NUV	1	23-Aug-2010 21:57:27.0	yes
29	(29) J080003.90+421253.2	COS/FUV COS/NUV	1	23-Aug-2010 21:57:29.0	yes
30	(30) J104810.76+284042.5	COS/FUV COS/NUV	1	23-Aug-2010 21:57:31.0	yes
31	(31) J132001.17+071817.1	COS/FUV COS/NUV	1	23-Aug-2010 21:57:33.0	yes
32	(32) J142501.46+382100.5	COS/FUV COS/NUV	1	23-Aug-2010 21:57:35.0	yes
33	(33) J012528.83-000555.9	COS/FUV COS/NUV	1	23-Aug-2010 21:57:37.0	yes
34	(34) J095649.87+295014.7	COS/FUV COS/NUV	1	23-Aug-2010 21:57:39.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
35	(35) J132652.44+292534.8	COS/FUV COS/NUV	1	23-Aug-2010 21:57:42.0	yes
36	(36) J115518.29+193942.2	COS/FUV COS/NUV	1	23-Aug-2010 21:57:44.0	yes
37	(37) J095711.78+631010.1	COS/FUV COS/NUV	1	23-Aug-2010 21:57:46.0	yes
38	(38) J090420.88+013038.0	COS/FUV COS/NUV	1	23-Aug-2010 21:57:48.0	yes
39	(39) J100736.05+363859.6	COS/FUV COS/NUV	1	23-Aug-2010 21:57:50.0	yes
40	(40) J112211.55+423709.4	COS/FUV COS/NUV	1	23-Aug-2010 21:57:52.0	yes
41	(41) J151346.07+245544.4	COS/FUV COS/NUV	1	23-Aug-2010 21:57:54.0	yes
42	(42) J152843.91+520517.7	COS/FUV COS/NUV	1	23-Aug-2010 21:57:56.0	yes
43	(43) J150031.80+483646.8	COS/FUV COS/NUV	1	23-Aug-2010 21:57:59.0	yes
44	(44) J132957.14+540505.9	COS/FUV COS/NUV	1	23-Aug-2010 21:58:01.0	yes
45	(45) J120127.42+090040.5	COS/FUV COS/NUV	1	23-Aug-2010 21:58:03.0	yes
46	(46) J113025.30+173429.7	COS/FUV COS/NUV	1	23-Aug-2010 21:58:05.0	yes
47	(47) J092105.50+290012.0	COS/FUV COS/NUV	1	23-Aug-2010 21:58:07.0	yes
48	(48) J102005.99+033308.4	COS/FUV COS/NUV	1	23-Aug-2010 21:58:09.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
49	(49) J085723.99+090349.0	COS/FUV COS/NUV	1	23-Aug-2010 21:58:11.0	yes
50	(50) J100535.24+013445.7	COS/FUV COS/NUV	1	23-Aug-2010 21:58:13.0	yes
51	(51) J161817.60+330900.7	COS/FUV COS/NUV	1	23-Aug-2010 21:58:15.0	yes
52	(52) J081740.13+232731.5	COS/FUV COS/NUV	1	23-Aug-2010 21:58:17.0	yes
53	(53) J090533.30+513507.7	COS/FUV COS/NUV	1	23-Aug-2010 21:58:19.0	yes
54	(54) J101548.27+404008.7	COS/FUV COS/NUV	1	23-Aug-2010 21:58:21.0	yes
55	(55) J092756.88+253007.8	COS/FUV COS/NUV	1	23-Aug-2010 21:58:23.0	yes
56	(56) J154640.73+121549.4	COS/FUV COS/NUV	1	23-Aug-2010 21:58:26.0	yes
57	(57) J160744.82+184648.2	COS/FUV COS/NUV	1	23-Aug-2010 21:58:28.0	yes
58	(58) J135559.88+260039.0	COS/FUV COS/NUV	1	23-Aug-2010 21:58:30.0	yes
59	(59) J115404.46+144719.6	COS/FUV COS/NUV	1	23-Aug-2010 21:58:32.0	yes
60	(60) J133731.25+055531.5	COS/FUV COS/NUV	1	23-Aug-2010 21:58:34.0	yes
61	(61) J081007.64+542443.7	COS/FUV COS/NUV	1	23-Aug-2010 21:58:36.0	yes
62	(62) J155846.98+043802.6	COS/FUV COS/NUV	1	23-Aug-2010 21:58:39.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
63	(63) J123638.28+030250.2	COS/FUV COS/NUV	1	23-Aug-2010 21:58:41.0	yes
64	(64) J130753.47+115803.3	COS/FUV COS/NUV	1	23-Aug-2010 21:58:43.0	yes
65	(65) J150843.90+121544.4	COS/FUV COS/NUV	1	23-Aug-2010 21:58:45.0	yes
66	(66) J091622.82+132829.1	COS/FUV COS/NUV	1	23-Aug-2010 21:58:47.0	yes
67	(67) J151907.61+440424.5	COS/FUV COS/NUV	1	23-Aug-2010 21:58:49.0	yes
68	(68) J104550.85+441815.5	COS/FUV COS/NUV	1	23-Aug-2010 21:58:51.0	yes
69	(69) J141038.39+230447.2	COS/FUV COS/NUV	1	23-Aug-2010 21:58:53.0	yes
70	(70) J081050.90+350828.7	COS/FUV COS/NUV	1	23-Aug-2010 21:58:55.0	yes
71	(71) J163156.13+435943.6	COS/FUV COS/NUV	1	23-Aug-2010 21:58:58.0	yes
72	(72) J140626.60+250921.0	COS/FUV COS/NUV	1	23-Aug-2010 21:59:00.0	yes
73	(73) J145702.07+415304.1	COS/FUV COS/NUV	1	23-Aug-2010 21:59:02.0	yes
74	(74) J153602.47+393207.0	COS/FUV COS/NUV	1	23-Aug-2010 21:59:04.0	yes
75	(75) J103645.15+370701.3	COS/FUV COS/NUV	1	23-Aug-2010 21:59:06.0	yes
76	(76) J115027.26+665848.0	COS/FUV COS/NUV	1	23-Aug-2010 21:59:08.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
77	(77) J132323.49+445043.0	COS/FUV COS/NUV	1	23-Aug-2010 21:59:10.0	yes
78	(78) J112918.26+110901.1	COS/FUV COS/NUV	1	23-Aug-2010 21:59:12.0	yes
79	(79) J074451.37+292005.9	COS/FUV COS/NUV	1	23-Aug-2010 21:59:14.0	yes
80	(80) J112632.92+120437.4	COS/FUV COS/NUV	1	23-Aug-2010 21:59:16.0	yes
81	(81) J104030.30+353825.1	COS/FUV COS/NUV	1	23-Aug-2010 21:59:19.0	yes
82	(82) J122741.93+383548.5	COS/FUV COS/NUV	1	23-Aug-2010 21:59:21.0	yes
83	(83) J092433.48+365248.3	COS/FUV COS/NUV	1	23-Aug-2010 21:59:23.0	yes
84	(84) J080630.30+144242.4	COS/FUV COS/NUV	1	23-Aug-2010 21:59:25.0	yes
85	(85) J141359.55+485120.7	COS/FUV COS/NUV	1	23-Aug-2010 21:59:27.0	yes
86	(86) J113244.99+182459.9	COS/FUV COS/NUV	1	23-Aug-2010 21:59:29.0	yes
87	(87) J154037.61+305335.1	COS/FUV COS/NUV	1	23-Aug-2010 21:59:31.0	yes
88	(88) J125714.69-015053.1	COS/FUV COS/NUV	1	23-Aug-2010 21:59:33.0	yes
89	(89) J234403.10+003804.2	COS/FUV COS/NUV	1	23-Aug-2010 21:59:35.0	yes
90	(90) J100151.34+280002.2	COS/FUV COS/NUV	1	23-Aug-2010 21:59:37.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
91	(91) J105638.08+494943.3	COS/FUV COS/NUV	1	23-Aug-2010 21:59:39.0	yes
92	(92) J075851.52+220457.7	COS/FUV COS/NUV	1	23-Aug-2010 21:59:41.0	yes
93	(93) J114931.75+223028.4	COS/FUV COS/NUV	1	23-Aug-2010 21:59:43.0	yes
94	(94) J141528.76-002633.2	COS/FUV COS/NUV	1	23-Aug-2010 21:59:45.0	yes
95	(95) J171654.20+302701.4	COS/FUV COS/NUV	1	23-Aug-2010 21:59:47.0	yes
96	(96) J121016.12+001204.9	COS/FUV COS/NUV	1	23-Aug-2010 21:59:49.0	yes
97	(97) J114343.09+674455.5	COS/FUV COS/NUV	1	23-Aug-2010 21:59:51.0	yes
98	(98) J150420.99+543610.3	COS/FUV COS/NUV	1	23-Aug-2010 21:59:53.0	yes
99	(99) J112317.52+051803.9	COS/FUV COS/NUV	1	23-Aug-2010 21:59:54.0	yes
0A	(100) J074358.27+323512.5	COS/FUV COS/NUV	1	23-Aug-2010 21:59:56.0	yes
0B	(101) J135353.31+470715.5	COS/FUV COS/NUV	1	23-Aug-2010 21:59:59.0	yes
0C	(102) J102349.40+522151.2	COS/FUV COS/NUV	1	23-Aug-2010 22:00:01.0	yes
0D	(103) J023521.87-083229.3	COS/FUV COS/NUV	1	23-Aug-2010 22:00:03.0	yes
0E	(104) J134159.91+370710.2	COS/FUV COS/NUV	1	23-Aug-2010 22:00:06.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
0F	(105) J144313.32+094910.2	COS/FUV COS/NUV	1	23-Aug-2010 22:00:11.0	yes
0G	(106) J160500.55+353949.6	COS/FUV COS/NUV	1	23-Aug-2010 22:00:13.0	yes
0H	(107) J151006.75+034908.7	COS/FUV COS/NUV	1	23-Aug-2010 22:00:15.0	yes
0I	(108) J145610.77+120145.0	COS/FUV COS/NUV	1	23-Aug-2010 22:00:17.0	yes
0J	(109) J090906.18+323630.2	COS/FUV COS/NUV	1	23-Aug-2010 22:00:19.0	yes
0K	(110) J124009.12+242531.2	COS/FUV COS/NUV	1	23-Aug-2010 22:00:21.0	yes
0L	(111) J141948.63+322717.2	COS/FUV COS/NUV	1	23-Aug-2010 22:00:23.0	yes
0M	(112) J121103.92+123406.1	COS/FUV COS/NUV	1	23-Aug-2010 22:00:25.0	yes
0N	(113) J095045.71+302518.4	COS/FUV COS/NUV	1	23-Aug-2010 22:00:27.0	yes
0O	(114) J093602.10+200542.9	COS/FUV COS/NUV	1	23-Aug-2010 22:00:29.0	yes
0P	(115) J122222.55+041315.7	COS/FUV COS/NUV	1	23-Aug-2010 22:00:31.0	yes
0Q	(116) J124902.54+171454.9	COS/FUV COS/NUV	1	23-Aug-2010 22:00:33.0	yes
0R	(117) J125409.27+431511.8	COS/FUV COS/NUV	1	23-Aug-2010 22:00:35.0	yes
0S	(118) J225541.64+145715.9	COS/FUV COS/NUV	1	23-Aug-2010 22:00:37.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
0T	(119) J130203.08+265809.1	COS/FUV COS/NUV	1	23-Aug-2010 22:00:39.0	yes
0U	(120) J141159.73+423950.3	COS/FUV COS/NUV	1	23-Aug-2010 22:00:41.0	yes
0V	(121) J084141.66+405237.7	COS/FUV COS/NUV	1	23-Aug-2010 22:00:43.0	yes
0W	(122) J075222.91+273823.1	COS/FUV COS/NUV	1	23-Aug-2010 22:00:46.0	yes
0X	(123) J143920.58+371202.8	COS/FUV COS/NUV	1	23-Aug-2010 22:00:48.0	yes
0Y	(124) J140819.59+603617.9	COS/FUV COS/NUV	1	23-Aug-2010 22:00:50.0	yes
0Z	(125) J132742.36+093633.3	COS/FUV COS/NUV	1	23-Aug-2010 22:00:52.0	yes
1A	(126) J120251.44+160716.1	COS/FUV COS/NUV	1	23-Aug-2010 22:00:54.0	yes
1B	(127) J090603.64+194142.2	COS/FUV COS/NUV	1	23-Aug-2010 22:00:56.0	yes
1C	(128) J225350.09+140210.3	COS/FUV COS/NUV	1	23-Aug-2010 22:00:58.0	yes
1D	(129) J103347.31+094039.0	COS/FUV COS/NUV	1	23-Aug-2010 22:01:01.0	yes
1E	(130) J143621.29+072720.8	COS/FUV COS/NUV	1	23-Aug-2010 22:01:03.0	yes
1F	(131) J100502.34+465927.3	COS/FUV COS/NUV	1	23-Aug-2010 22:01:05.0	yes
1G	(132) J153546.29+391931.2	COS/FUV COS/NUV	1	23-Aug-2010 22:01:07.0	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>
1H	(133) J214937.85+120546.1	COS/FUV COS/NUV	1	23-Aug-2010 22:01:10.0	yes
1I	(134) J033001.64-071828.5	COS/FUV COS/NUV	1	23-Aug-2010 22:01:12.0	yes
1J	(135) J130635.93+220642.4	COS/FUV COS/NUV	1	23-Aug-2010 22:01:14.0	yes
1K	(136) J034135.63-004032.2	COS/FUV COS/NUV	1	23-Aug-2010 22:01:16.0	yes
1L	(137) J075514.58+230607.2	COS/FUV COS/NUV	1	23-Aug-2010 22:01:18.0	yes
1M	(138) J100906.35+023555.3	COS/FUV COS/NUV	1	23-Aug-2010 22:01:20.0	yes
1N	(139) J130631.63+435100.4	COS/FUV COS/NUV	1	23-Aug-2010 22:01:22.0	yes
1O	(140) J223817.26-093859.2	COS/FUV COS/NUV	1	23-Aug-2010 22:01:24.0	yes

140 Total Orbits Used

ABSTRACT

We propose a snapshot survey of $z < 1.25$ QSO sight lines to search for optically thick Lyman limit systems. These systems by their nature probe the interfaces between the diffuse IGM and the main bodies of galaxies; they are sensitive to matter accreting onto galaxies for the first time or being expelled in galactic feedback-driven winds. Our survey will probe a mostly-unexplored redshift regime for such systems, increasing the redshift survey path by a factor of 4 to 10 at $z < 1$. With our on-going SDSS, WFC3 and archival HST surveys for Lyman limit systems, our program will probe the number density and column density frequency distribution for LLSs over the redshift range $0.4 < z < 4.4$. We will also provide a measure of the mean free path for ionizing photons in the universe over that same redshift regime. This is an important parameter for calculations of the extragalactic UV background, and our data will constrain the redshift at which the mean free path becomes larger than the horizon. Our proposed sample of 188 $0.75 < z < 1.25$ QSOs is drawn from a magnitude limited selection of spectroscopically confirmed SDSS QSOs. Using the COS G140L grating with short exposures will provide sufficient signal-to-noise observations to detect $\log N(\text{H I}) > 16.7$ systems. These QSOs are bright

enough to facilitate high-resolution follow-up spectroscopy from the ground or with higher dispersion COS observations. Our proposal will also provide a larger spectroscopic sample for the study of damped Lyman-alpha systems, metal line absorbers (e.g., O VI, C IV), and studies of the higher column density Lyman-alpha forest.

OBSERVING DESCRIPTION

We will use COS with the G140L grating with a central wavelength of 1280 Ang to obtain spectra over the wavelength range 1280 to 2400 Ang for detector segment A. Detector segment B will provide limited sensitivity to lower wavelength flux, although the useful wavelengths will likely be limited. We will observe each QSO for 900 sec with the FUV channel G140L grating through the PSA. This allows us to fit each visit, including acquisitions, into approximately 1800-2400 sec in order to maximize the number of targets in our sample.

We have chosen the 1280 Ang central wavelength setting to avoid the overhead time associated with powering down detector segment B, as required for the 1105 Ang setting. Our proposed sample is chosen in order to increase the low- z redshift survey path for LLSs to match or exceed that at high z , to provide sensitivity to pLLSs not available in earlier studies, and to survey a redshift regime not well covered by our on-going searches.

Our targets represent a homogenous sample in brightness and redshift. We have selected our targets from spectroscopically confirmed SDSS QSOs. Our sample is made up of (non-BAL) QSOs in that list having $0.75 < z_{\text{qso}} < 1.25$ and $15.5 < g < 17.15$ that are not already observed by HST UV spectrographs. The sample is optically selected to avoid biases against LLSs that are inherent to UV selection. GALEX observations exist for many of these QSOs, which will be useful for bright-object checking; however, we do not make use of this information in selecting our sample in order to avoid the aforementioned biases. The redshift criterion is chosen so that we can calculate the mean free path of ionizing photons over the unexplored redshift regime at $z \sim 1$.

Our sample is relatively homogenous in redshift with a relatively narrow dispersion (0.3 mag) of UV magnitudes. Thus, we approach the calculation of acquisition exposures via the ETC in subsets of the sample, using narrow bins of 0.2 mag. We use imaging acquisition only (ACQ/IMAGE), as all of our objects have high-quality positions from SDSS. We use GALEX NUV magnitudes, available for all but 17 of our 140 targets, to estimate the required exposure times and determine whether to use MIRRORA or MIRRORB for safety reasons. We performed a grid of exposure time calculations using the on-line ETC. We constructed bins of 0.2 mag, calculating the exposure time required to achieve $S/N=40$ required for the acquisition. We assume a $z=1$ QSO spectrum based on the FOS template.

None of the objects in a bin has a flux that differs by more than 10 percent from the center of the bin. Even so, we scale the exposure time for those

objects fainter than the bin center appropriately to maintain $S/N \geq 40$ for all objects.

We make use of MIRRORB for acquisition of most of our objects. We have chosen to use this lower sensitivity configuration for objects more than a full magnitude fainter than is required. This allows for a safety buffer: by using this setup for the acquisitions, none of our objects will pose a safety hazard if they brighten by a magnitude (or even more in most cases). Thus, all objects with $m(\text{NUV}) < 18.8$ mag (101 of our 140 objects) use MIRRORB for acquisition.

For the 17 targets without GALEX imaging, we adopt the mean UV-optical colors from Trammell et al. (2007) to calculate their NUV magnitudes from existing SDSS optical photometry. The dispersion in the mean relationships in the Trammell et al. survey is ~ 0.4 mag. We estimate the NUV magnitudes by using the (NUV-u) and (NUV-g) colors, adopting the one that gives the lowest magnitude (for safety reasons), although we note that the predictions derived from u and g magnitudes are always within 0.2 mag of each other for these objects. For bright object checking we assume the NUV magnitudes are 1.0 mag (2.5-sigma) brighter than the mean relationship. None of these objects represent a danger to the detector. Even so, we have used MIRRORB for acquisitions of all of the objects without previous GALEX imaging.

Our G140L spectra all have 900 sec exposure times and are all obtained in TIME-TAG mode. We have calculated the buffer times for the full range of fluxes implied by the GALEX imaging. Even the brightest objects give buffer times in the ETC results that are a factor of 4 larger than the 900 sec exposure time. Thus, we adopt a buffer time equal to the exposure time for all of our observations. None of our objects represent a safety hazard to the detector, even if they brighten by a magnitude. We have confirmed this using our default observational setup and assuming a $z \sim 1$ QSO with $m(\text{NUV}) = 14.8$; see ETC calculation COS.A328474. Our brightest object has $m(\text{NUV}) = 15.82$ from GALEX.

We have used the APT-based BOT to search for bright object safety issues for each of our fields. Nearly all of the visits have bright object checks available using GALEX data. No safety issues are present for the 127 fields with available GALEX imaging. For the remaining 13 fields, the GSC-based BOT shows no danger to the detector for any of these fields (visits 23, 25, 44, 53, 59, 71, 83, 87, 99, 0G, 0H, 0Y, and 1D). Expected global and local count rates are given in the comments for the visits, as well as in a separate summary of fluxes for all of our objects given to the Contact Scientist (this information is redundant with material in the phase 2 file).

Proposal 12289 - Visit 01 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 01, implementation								Tue Aug 24 02:01:36 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	J134719.40+590232.8	RA: 13 47 19.4000 (206.8308333d) Dec: +59 02 32.80 (59.04244d) Equinox: J2000	Redshift: 0.766	V=15.59+/-0.05 SDSS: g=15.59; (u-g)=0.19 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328063. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 15.82. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the present object, the brightest in our sample. It shows no threat to the detector from even this, our brightest object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITION	(1) J134719.40+590232.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				16.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 466 cts/sec; Local = 1.2592 cts/sec/pixel.									
	2	SPECTRUM	(1) J134719.40+590232.8	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328774. Expected count rates for science spectrum: Global = 373 cts/sec; Local = 0.0220 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1890 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 02 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 02, implementation								Tue Aug 24 02:01:38 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(2)	J135823.98+021343.7	RA: 13 58 23.9800 (209.5999167d) Dec: +02 13 43.70 (2.22881d) Equinox: J2000		Redshift: 0.959		V=15.85+/-0.05 SDSS: g=15.85; (u-g)=0.11 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328039. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.59. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 0.77 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(2) J135823.98+021 343.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				32.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 402 cts/sec; Local = 0.7160 cts/sec/pixel.									
Exposures	2	SPECTRU M	(2) J135823.98+021 343.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328778. Expected count rates for science spectrum: Global = 242 cts/sec; Local = 0.0120 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1581 Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 03 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 03, implementation								Tue Aug 24 02:01:39 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(3)	J142107.56+253821.0	RA: 14 21 7.5600 (215.2815000d) Dec: +25 38 21.00 (25.63917d) Equinox: J2000		Redshift: 1.052		V=15.88+/-0.05 SDSS: g=15.88; (u-g)=0.22 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328040. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.38. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 0.56 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(3) J142107.56+253 821.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				27.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 420 cts/sec; Local = 0.8641 cts/sec/pixel.									
Exposures	2	SPECTRU M	(3) J142107.56+253 821.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328777. Expected count rates for science spectrum: Global = 272 cts/sec; Local = 0.0140 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1614 Home Oscillation									
	Server Version: 20100505									

Proposal 12289 - Visit 04 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 04, implementation								Tue Aug 24 02:01:40 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(4)	J104335.87+115129.1	RA: 10 43 35.8700 (160.8994583d) Dec: +11 51 29.10 (11.85808d) Equinox: J2000		Redshift: 0.792		V=16.0+/-0.05 SDSS: g=16.00; (u-g)=0.33 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328034. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.73. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 0.91 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(4) J104335.87+115 129.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				35.0 Secs [>=>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 387 cts/sec; Local = 0.6049 cts/sec/pixel.									
	2	SPECTRU M	(4) J104335.87+115 129.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [>=>]	[1]
Comments: ETC science Simulation: COS.A328780. Expected count rates for science spectrum: Global = 216 cts/sec; Local = 0.0100 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 Exp. 2 Unused Visibility = 15% Home Occultation 05001000150020002500300035004000450050005500 sec									
	GS Acq GS Acq									

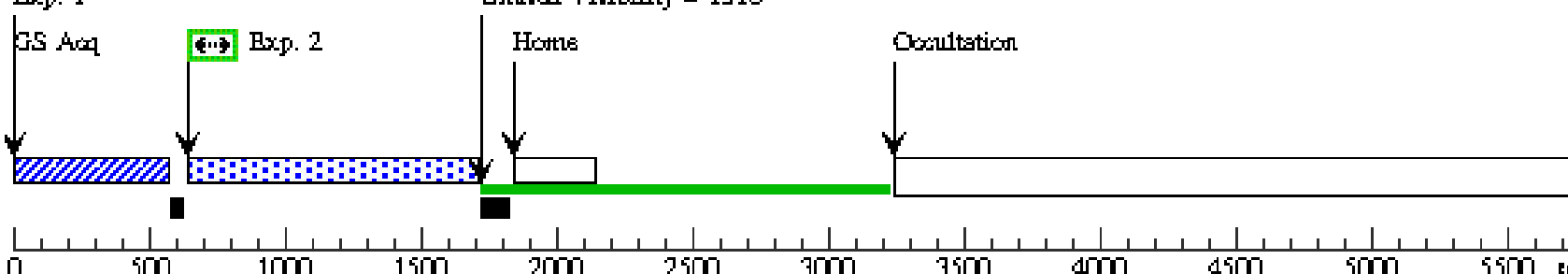
Proposal 12289 - Visit 05 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 05, implementation						Tue Aug 24 02:01:40 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	J082045.38+130618.9	RA: 08 20 45.3800 (125.1890833d) Dec: +13 06 18.90 (13.10525d) Equinox: J2000	Redshift: 1.124	V=16.12+/-0.05 SDSS: g=16.12; (u-g)=0.16 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328034. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.60. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 0.78 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(5) J082045.38+130 618.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34.0 Secs	
									[>=>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 387 cts/sec; Local = 0.6049 cts/sec/pixel.									
Exposures	2	SPECTRU M	(5) J082045.38+130 618.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[>=>]	[1]
	Comments: ETC science Simulation: COS.A328780. Expected count rates for science spectrum: Global = 216 cts/sec; Local = 0.0100 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1588 Home Observation A horizontal timeline from 0 to 5500 seconds. It features several colored bars: a blue hatched bar for 'Exp. 1' (0-500s), a green checkered bar for 'Exp. 2' (500-1688s), a green bar for 'Unused Visibility' (1688-3200s), a white bar for 'Home' (1700-2000s), and a long white bar for 'Observation' (3200-5500s). Arrows point to each event. A green box with a double-headed arrow is above 'Exp. 2'. A black square is at 500s and another at 1688s.									
	Server Version: 20100505									

Proposal 12289 - Visit 06 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 06, implementation								Tue Aug 24 02:01:40 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(6)	J150825.85+201521.2	RA: 15 08 25.8500 (227.1077083d) Dec: +20 15 21.20 (20.25589d) Equinox: J2000		Redshift: 1.077		V=16.2+/-0.05 SDSS: g=16.20; (u-g)=0.18 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328033. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.95. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.13 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(6) J150825.85+201 521.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				42.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 375 cts/sec; Local = 0.4938 cts/sec/pixel.									
Exposures	2	SPECTRU M	(6) J150825.85+201 521.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328782. Expected count rates for science spectrum: Global = 195 cts/sec; Local = 0.0100 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1576 Home Observation A horizontal timeline from 0 to 5500 seconds. It shows a GS Acq phase (0-500s, blue diagonal stripes), Exp. 1 (500-1000s, blue checkered), Exp. 2 (1000-1700s, green checkered), a gap (1700-1850s, green), Home (1850-2000s, white), a gap (2000-3200s, green), and Observation (3200-5500s, white). Arrows point to each phase. A black square marks the end of the observation at 3200s. Server Version: 20100505									

Proposal 12289 - Visit 07 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 07, implementation								Tue Aug 24 02:01:40 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(7)	J150017.58+121036.5	RA: 15 00 17.5800 (225.0732500d) Dec: +12 10 36.50 (12.17681d) Equinox: J2000		Redshift: 0.783		V=16.24+/-0.05 SDSS: g=16.24; (u-g)=0.69 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.44. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.62 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(7) J150017.58+121 036.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
Exposures	2	SPECTRU M	(7) J150017.58+121 036.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1516 Home Observation 									
	Server Version: 20100505									

Proposal 12289 - Visit 08 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 08, implementation								Tue Aug 24 02:01:41 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(8)	J104411.44+015850.5	RA: 10 44 11.4400 (161.0476667d) Dec: +01 58 50.50 (1.98069d) Equinox: J2000		Redshift: 1.01		V=16.35+/-0.05 SDSS: g=16.35; (u-g)=-0.0 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.24. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.42 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(8) J104411.44+015 850.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(8) J104411.44+015 850.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1525 Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 09 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 09, implementation								Tue Aug 24 02:01:41 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(9)	J171704.68+281400.4	RA: 17 17 4.6800 (259.2695000d) Dec: +28 14 0.40 (28.23344d) Equinox: J2000		Redshift: 1.076		V=16.36+/-0.05 SDSS: g=16.36; (u-g)=0.21 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.17. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.35 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(9) J171704.68+281 400.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				53.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.									
	2	SPECTRU M	(9) J171704.68+281 400.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Unused Visibility = 1562 Server Version: 20100505									

Proposal 12289 - Visit 10 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

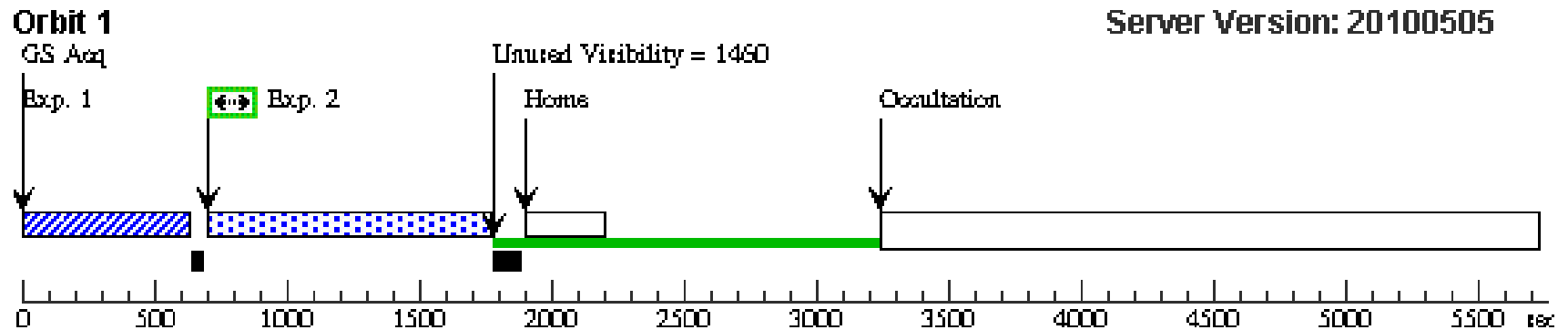
Visit	Proposal 12289, Visit 10, implementation								Tue Aug 24 02:01:41 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(10)	J113636.78+390005.0	RA: 11 36 36.7800 (174.1532500d) Dec: +39 00 5.00 (39.00139d) Equinox: J2000		Redshift: 0.794		V=16.4+/-0.05 SDSS: g=16.40; (u-g)=0.37 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.46. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.64 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(10) J113636.78+39 0005.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(10) J113636.78+39 0005.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1572 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 11 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 11, implementation								Tue Aug 24 02:01:41 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(11)	J120017.33+235047.7	RA: 12 00 17.3300 (180.0722083d) Dec: +23 50 47.70 (23.84658d) Equinox: J2000		Redshift: 1.03		V=16.42+/-0.05 SDSS: g=16.42; (u-g)=0.09 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.08. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.26 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(11) J120017.33+23 5047.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.									
Exposures	2	SPECTRU M	(11) J120017.33+23 5047.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1560 Home Consultation									
	Server Version: 20100505									

Proposal 12289 - Visit 12 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 12, implementation								Tue Aug 24 02:01:42 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(12)	J074815.44+220059.5	RA: 07 48 15.4400 (117.0643333d) Dec: +22 00 59.50 (22.01653d) Equinox: J2000		Redshift: 1.059		V=16.42+/-0.05 SDSS: g=16.42; (u-g)=0.42 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.65. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.83 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(12) J074815.44+22 0059.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
Exposures	2	SPECTRU M	(12) J074815.44+22 0059.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Unused Visibility = 1460 Server Version: 20100505									



Proposal 12289 - Visit 13 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 13, implementation								Tue Aug 24 02:01:42 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(13)	J093701.91+342459.8	RA: 09 37 1.9100 (144.2579583d) Dec: +34 24 59.80 (34.41661d) Equinox: J2000		Redshift: 0.915		V=16.45+/-0.05 SDSS: g=16.45; (u-g)=0.23 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328034. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.73. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 0.91 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(13) J093701.91+34 2459.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				35.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 387 cts/sec; Local = 0.6049 cts/sec/pixel.									
	2	SPECTRU M	(13) J093701.91+34 2459.8	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328780. Expected count rates for science spectrum: Global = 216 cts/sec; Local = 0.0100 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Unused Visibility = 1616 Server Version: 20100505									
	Exp. 1 Exp. 2 Home Occultation									

Proposal 12289 - Visit 14 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 14, implementation								Tue Aug 24 02:01:42 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(14)	J102517.49+155131.2	RA: 10 25 17.4900 (156.3228750d) Dec: +15 51 31.20 (15.85867d) Equinox: J2000		Redshift: 0.932		V=16.5+/-0.05 SDSS: g=16.50; (u-g)=0.10 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328034. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.73. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 0.91 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(14) J102517.49+15 5131.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				35.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 387 cts/sec; Local = 0.6049 cts/sec/pixel.									
Exposures	2	SPECTRU M	(14) J102517.49+15 5131.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328780. Expected count rates for science spectrum: Global = 216 cts/sec; Local = 0.0100 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1590 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 15 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 15, implementation								Tue Aug 24 02:01:43 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(15)	J132909.25+480109.6	RA: 13 29 9.2500 (202.2885417d) Dec: +48 01 9.60 (48.01933d) Equinox: J2000		Redshift: 0.928		V=16.51+/-0.05 SDSS: g=16.51; (u-g)=0.33 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.30. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.48 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(15) J132909.25+48 0109.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
	2	SPECTRU M	(15) J132909.25+48 0109.6	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1682 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 16 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 16, implementation								Tue Aug 24 02:01:43 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(16)	J092542.32+344108.6	RA: 09 25 42.3200 (141.4263333d) Dec: +34 41 8.60 (34.68572d) Equinox: J2000		Redshift: 1.066		V=16.51+/-0.05 SDSS: g=16.51; (u-g)=0.13 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328033. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.94. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.12 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(16) J092542.32+34 4108.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				41.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 375 cts/sec; Local = 0.4938 cts/sec/pixel.									
	2	SPECTRU M	(16) J092542.32+34 4108.6	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328782. Expected count rates for science spectrum: Global = 195 cts/sec; Local = 0.0100 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1604 Horns Occultation 05001000150020002500300035004000450050005500 sec									
	Server Version: 20100505									

Orbit 1

Exp. 1

GS Acq

Exp. 2

Unused Visibility = 1604

Home

Occultation

Server Version: 20100505



Proposal 12289 - Visit 17 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 17, implementation								Tue Aug 24 02:01:43 GMT 2010		
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(17)	J094133.68+594811.2	RA: 09 41 33.6800 (145.3903333d) Dec: +59 48 11.20 (59.80311d) Equinox: J2000		Redshift: 0.967		V=16.53+/-0.05 SDSS: g=16.53; (u-g)=0.10 mag		Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.07. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.25 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	ACQUISITI ON	(17) J094133.68+59 4811.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50.0 Secs		
									[==>]		[1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.										
Exposures	2	SPECTRU M	(17) J094133.68+59 4811.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs		
									[==>]		[1]
	Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.										
	Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Virability = 1822 Horns Occultation Exp. 2 05001000150020002500300035004000450050005500 sec									
Server Version: 20100505											

Orbit 1

Exp. 1

GS Acq



Server Version: 20100505

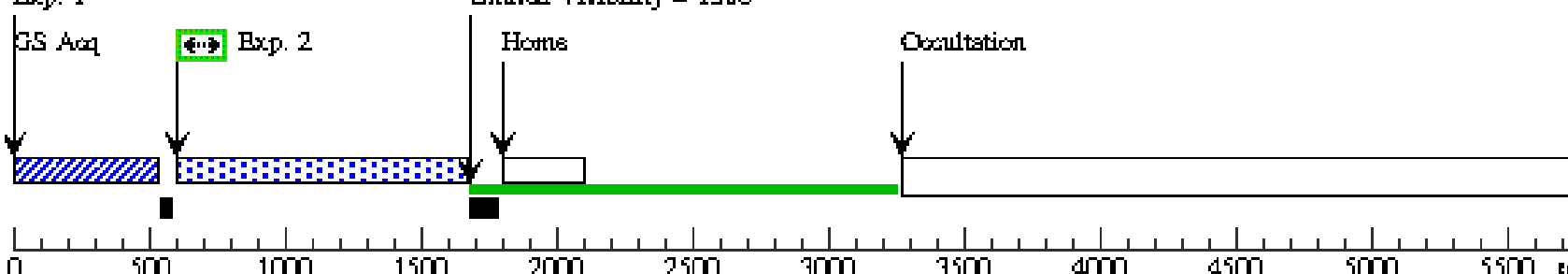
Proposal 12289 - Visit 18 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 18, implementation										Tue Aug 24 02:01:43 GMT 2010
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(18)	J104624.08+210910.3	RA: 10 46 24.0800 (161.6003333d) Dec: +21 09 10.30 (21.15286d) Equinox: J2000		Redshift: 0.85		V=16.54+/-0.05 SDSS: g=16.54; (u-g)=0.38 mag		Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.26. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.44 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	ACQUISITI ON	(18) J104624.08+21 0910.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs [==>]	[1]	
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.										
	2	SPECTRU M	(18) J104624.08+21 0910.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]	
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.											
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1540 Home Occultation 05001000150020002500300035004000450050005500sec										
	Server Version: 20100505										

Proposal 12289 - Visit 19 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 19, implementation								Tue Aug 24 02:01:44 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(19)	J132646.21+210057.9	RA: 13 26 46.2100 (201.6925417d) Dec: +21 00 57.90 (21.01608d) Equinox: J2000		Redshift: 0.777		V=16.55+/-0.05 SDSS: g=16.55; (u-g)=0.25 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328033. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.98. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.16 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(19) J132646.21+21 0057.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				43.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 375 cts/sec; Local = 0.4938 cts/sec/pixel.									
Exposures	2	SPECTRU M	(19) J132646.21+21 0057.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328782. Expected count rates for science spectrum: Global = 195 cts/sec; Local = 0.0100 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1574 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 20 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 20, implementation								Tue Aug 24 02:01:44 GMT 2010		
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(20)	J170648.06+321422.8	RA: 17 06 48.0600 (256.7002500d) Dec: +32 14 22.80 (32.23967d) Equinox: J2000		Redshift: 1.069		V=16.56+/-0.05 SDSS: g=16.56; (u-g)=0.11 mag		Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.05. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.23 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	ACQUISITI ON	(20) J170648.06+32 1422.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50.0 Secs		
									[==>]		[1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.										
Exposures	2	SPECTRU M	(20) J170648.06+32 1422.8	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs		
									[==>]		[1]
	Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.										
	Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1586 Home Occultation 									
Server Version: 20100505											

Proposal 12289 - Visit 21 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Tue Aug 24 02:01:44 GMT 2010

Visit	Proposal 12289, Visit 21, implementation								Tue Aug 24 02:01:44 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(21)	J150210.96+342226.9	RA: 15 02 10.9600 (225.5456667d) Dec: +34 22 26.90 (34.37414d) Equinox: J2000		Redshift: 1.013		V=16.57+/-0.05 SDSS: g=16.57; (u-g)=0.17 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.10. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.28 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(21) J150210.96+34 2226.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50.0 Secs [>=>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.									
	2	SPECTRU M	(21) J150210.96+34 2226.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [>=>]	[1]
Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1586 Homs Occultation Exp. 2 05001000150020002500300035004000450050005500 sec									
	Server Version: 20100505									

Proposal 12289 - Visit 22 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 22, implementation							Tue Aug 24 02:01:44 GMT 2010		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(22)	J101557.05+010913.6	RA: 10 15 57.0500 (153.9877083d) Dec: +01 09 13.60 (1.15378d) Equinox: J2000	Redshift: 0.779	V=16.57+/-0.05 SDSS: g=16.57; (u-g)=0.34 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328033. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.81. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 0.99 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(22) J101557.05+01 0913.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				40.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 375 cts/sec; Local = 0.4938 cts/sec/pixel.									
	2	SPECTRU M	(22) J101557.05+01 0913.6	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328782. Expected count rates for science spectrum: Global = 195 cts/sec; Local = 0.0100 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1565 Home Occultation									
	Server Version: 20100505									

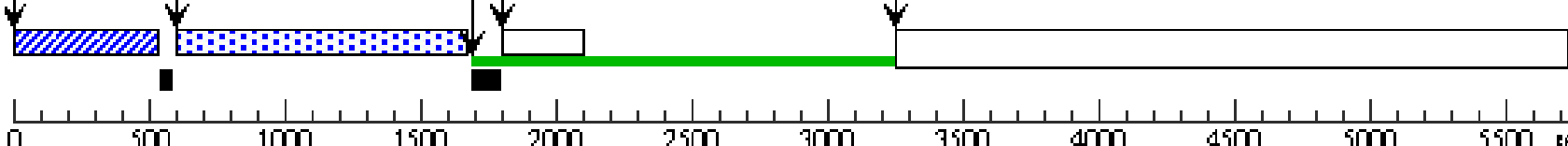
Proposal 12289 - Visit 23 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 23, implementation						Tue Aug 24 02:01:44 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(23)	J095336.87+161228.9	RA: 09 53 36.8700 (148.4036250d) Dec: +16 12 28.90 (16.20803d) Equinox: J2000	Redshift: 0.874	V=16.58+/-0.05 SDSS: g=16.58; (u-g)=0.13 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.14. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.32 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(23) J095336.87+16 1228.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				52.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.									
	2	SPECTRU M	(23) J095336.87+16 1228.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1556 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 24 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 24, implementation								Tue Aug 24 02:01:45 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(24)	J104244.24+164656.1	RA: 10 42 44.2400 (160.6843333d) Dec: +16 46 56.10 (16.78225d) Equinox: J2000		Redshift: 0.975		V=16.62+/-0.05 SDSS: g=16.62; (u-g)=0.15 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.47. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.65 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(24) J104244.24+16 4656.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(24) J104244.24+16 4656.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1520 Home Consultation Server Version: 20100505									

Proposal 12289 - Visit 25 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 25, implementation						Tue Aug 24 02:01:45 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(25)	J080424.97+274323.2	RA: 08 04 24.9700 (121.1040417d) Dec: +27 43 23.20 (27.72311d) Equinox: J2000	Redshift: 1.219	V=16.63+/-0.05 SDSS: g=16.63; (u-g)=0.06 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.12. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.30 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(25) J080424.97+27 4323.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				51.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.									
	2	SPECTRU M	(25) J080424.97+27 4323.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1566 Homs Occultation  Server Version: 20100505									

Proposal 12289 - Visit 26 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 26, implementation								Tue Aug 24 02:01:45 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(26)	J081520.65+273617.0	RA: 08 15 20.6500 (123.8360417d) Dec: +27 36 17.00 (27.60472d) Equinox: J2000		Redshift: 0.908		V=16.63+/-0.05 SDSS: g=16.63; (u-g)=0.17 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.42. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.60 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(26) J081520.65+27 3617.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(26) J081520.65+27 3617.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Server Version: 20100505									
	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1528 Home Occultation 05001000150020002500300035004000450050005500 sec									

Proposal 12289 - Visit 27 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 27, implementation										Tue Aug 24 02:01:45 GMT 2010									
	Diagnostic Status: No Diagnostics																			
	Scientific Instruments: COS/NUV, COS/FUV																			
	Special Requirements: (none)																			
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous				
	(27)	J140035.91+553534.4		RA: 14 00 35.9100 (210.1496250d) Dec: +55 35 34.40 (55.59289d) Equinox: J2000				Redshift: 0.84				V=16.65+/-0.05 SDSS: g=16.65; (u-g)=0.27 mag				Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.20. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.38 mag brighter than the present object.																			
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit		
	1	ACQUISITI ON	(27) J140035.91+55 3534.4	COS/NUV, ACQ/IMAGE, PSA				MIRRORB								60.0 Secs				
																	[==>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.																			
Exposures	2	SPECTRU M	(27) J140035.91+55 3534.4	COS/FUV, TIME-TAG, PSA				G140L 1280 A		BUFFER-TIME=90 0; FLASH=YES						900.0 Secs				
																	[==>]		[1]	
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.																			
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1802 Home Occultation Server Version: 20100505																			

Proposal 12289 - Visit 28 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 28, implementation										Tue Aug 24 02:01:45 GMT 2010	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(28)	J081002.69+502538.7	RA: 08 10 2.6900 (122.5112083d) Dec: +50 25 38.70 (50.42742d) Equinox: J2000		Redshift: 1.205		V=17.11+/-0.05 SDSS: g=17.11; (u-g)=0.05 mag		Reference Frame: ICRS			
	Comments: ETC ACQ Simulation: COS.A328113. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 18.23. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.41 mag brighter than the present object.											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit	
	1	ACQUISITI ON	(28) J081002.69+50 2538.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				170.0 Secs			
									[==>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 330 cts/sec; Local = 0.1111 cts/sec/pixel.											
2	SPECTRU M	(28) J081002.69+50 2538.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES				900.0 Secs			
									[==>]		[1]	
Comments: ETC science Simulation: COS.A328759. Expected count rates for science spectrum: Global = 119 cts/sec; Local = 0.0070 cts/sec/pixel.												
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1516 Homs Occultation Server Version: 20100505											
	0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec											

Proposal 12289 - Visit 29 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 29, implementation								Tue Aug 24 02:01:46 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(29)	J080003.90+421253.2	RA: 08 00 3.9000 (120.0162500d) Dec: +42 12 53.20 (42.21478d) Equinox: J2000		Redshift: 0.994		V=16.67+/-0.05 SDSS: g=16.67; (u-g)=0.12 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.28. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.46 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(29) J080003.90+42 1253.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(29) J080003.90+42 1253.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1632 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 30 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 30, implementation										Tue Aug 24 02:01:46 GMT 2010	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(30)	J104810.76+284042.5	RA: 10 48 10.7600 (162.0448333d) Dec: +28 40 42.50 (28.67847d) Equinox: J2000		Redshift: 0.989		V=16.67+/-0.05 SDSS: g=16.67; (u-g)=0.19 mag		Reference Frame: ICRS			
	Comments: ETC ACQ Simulation: COS.A328033. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.91. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.09 mag brighter than the present object.											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit	
	1	ACQUISITI ON	(30) J104810.76+28 4042.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				40.0 Secs [==>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 375 cts/sec; Local = 0.4938 cts/sec/pixel.											
	2	SPECTRU M	(30) J104810.76+28 4042.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]		[1]	
Comments: ETC science Simulation: COS.A328782. Expected count rates for science spectrum: Global = 195 cts/sec; Local = 0.0100 cts/sec/pixel.												
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1588 Home Occultation 05001000150020002500300035004000450050005500 sec											
	Server Version: 20100505											

Proposal 12289 - Visit 31 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Tue Aug 24 02:01:46 GMT 2010

[illegible]

Proposal 12289 - Visit 32 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 32, implementation						Tue Aug 24 02:01:46 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(32)	J142501.46+382100.5	RA: 14 25 1.4600 (216.2560833d) Dec: +38 21 0.50 (38.35014d) Equinox: J2000	Redshift: 1.142	V=16.69+/-0.05 SDSS: g=16.69; (u-g)=0.18 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.40. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.58 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(32) J142501.46+38 2100.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(32) J142501.46+38 2100.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1572 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 33 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

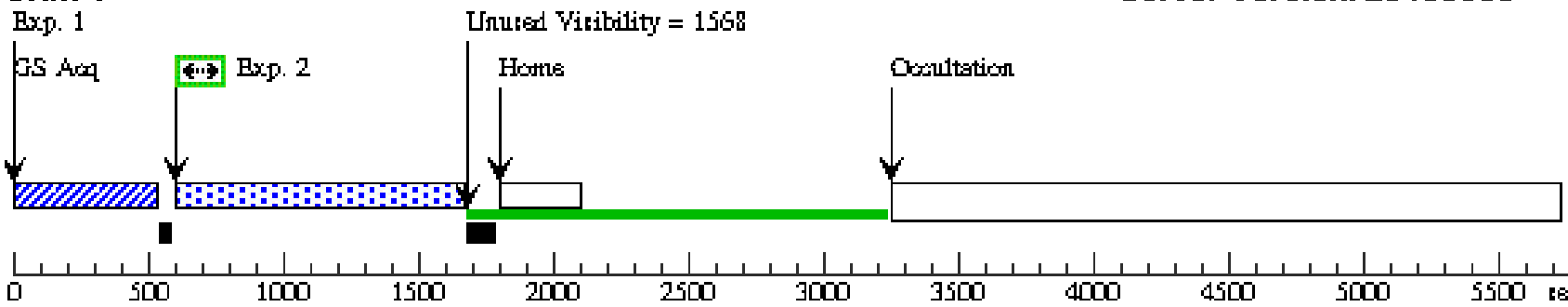
Visit	Proposal 12289, Visit 33, implementation							Tue Aug 24 02:01:46 GMT 2010		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(33)	J012528.83-000555.9	RA: 01 25 28.8300 (21.3701250d) Dec: -00 05 55.90 (-.09886d) Equinox: J2000	Redshift: 1.075	V=16.69+/-0.05 SDSS: g=16.69; (u-g)=0.09 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.21. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.39 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(33) J012528.83-000 555.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(33) J012528.83-000 555.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1525 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 34 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 34, implementation								Tue Aug 24 02:01:47 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(34)	J095649.87+295014.7	RA: 09 56 49.8700 (149.2077917d) Dec: +29 50 14.70 (29.83742d) Equinox: J2000		Redshift: 0.847		V=16.7+/-0.05 SDSS: g=16.70; (u-g)=0.16 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.20. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.38 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(34) J095649.87+29 5014.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(34) J095649.87+29 5014.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1548 Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 35 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Tue Aug 24 02:01:47 GMT 2010

Visit	Proposal 12289, Visit 35, implementation							Tue Aug 24 02:01:47 GMT 2010		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(35)	J132652.44+292534.8	RA: 13 26 52.4400 (201.7185000d) Dec: +29 25 34.80 (29.42633d) Equinox: J2000		Redshift: 1.207		V=16.7+/-0.05 SDSS: g=16.70; (u-g)=0.06 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.04. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.22 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(35) J132652.44+29 2534.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50.0 Secs [>=>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.									
	2	SPECTRU M	(35) J132652.44+29 2534.8	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [>=>]	[1]
Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1568 Horns Occultation Server Version: 20100505 									

Proposal 12289 - Visit 36 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 36, implementation								Tue Aug 24 02:01:47 GMT 2010		
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(36)	J115518.29+193942.2	RA: 11 55 18.2900 (178.8262083d) Dec: +19 39 42.20 (19.66172d) Equinox: J2000		Redshift: 1.018		V=16.71+/-0.05 SDSS: g=16.71; (u-g)=0.10 mag		Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.52. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.70 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	ACQUISITI ON	(36) J115518.29+19 3942.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				71.0 Secs		
									[==>]		[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.										
	2	SPECTRU M	(36) J115518.29+19 3942.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs		
									[==>]		[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.											
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1518 Home Consultation										
	Server Version: 20100505										

Proposal 12289 - Visit 37 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 37, implementation								Tue Aug 24 02:01:47 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(37)	J095711.78+631010.1	RA: 09 57 11.7800 (149.2990833d) Dec: +63 10 10.10 (63.16947d) Equinox: J2000		Redshift: 0.917		V=16.72+/-0.05 SDSS: g=16.72; (u-g)=0.28 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.18. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.36 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(37) J095711.78+63 1010.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				54.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.									
Exposures	2	SPECTRU M	(37) J095711.78+63 1010.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1819 Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 38 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

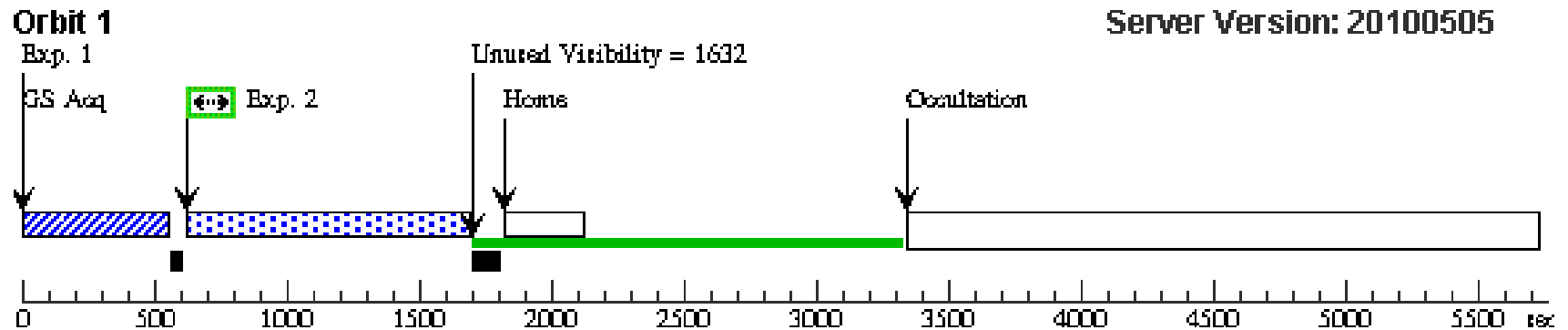
Visit	Proposal 12289, Visit 38, implementation								Tue Aug 24 02:01:47 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(38)	J090420.88+013038.0	RA: 09 04 20.8800 (136.0870000d) Dec: +01 30 38.00 (1.51056d) Equinox: J2000		Redshift: 0.791		V=16.75+/-0.05 SDSS: g=16.75; (u-g)=0.38 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.21. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.39 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(38) J090420.88+01 3038.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
	2	SPECTRU M	(38) J090420.88+01 3038.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1525 Home Occultation Exp. 2 Server Version: 20100505									

Proposal 12289 - Visit 39 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 39, implementation										Tue Aug 24 02:01:47 GMT 2010									
	Diagnostic Status: No Diagnostics																			
	Scientific Instruments: COS/NUV, COS/FUV																			
	Special Requirements: (none)																			
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous				
	(39)	J100736.05+363859.6		RA: 10 07 36.0500 (151.9002083d) Dec: +36 38 59.60 (36.64989d) Equinox: J2000				Redshift: 1.043				V=16.75+/-0.05 SDSS: g=16.75; (u-g)=0.15 mag				Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.38. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.56 mag brighter than the present object.																			
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit		
	1	ACQUISITI ON	(39) J100736.05+36 3859.6	COS/NUV, ACQ/IMAGE, PSA				MIRRORB								64.0 Secs				
																	[==>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.																			
Exposures	2	SPECTRU M	(39) J100736.05+36 3859.6	COS/FUV, TIME-TAG, PSA				G140L 1280 A		BUFFER-TIME=90 0; FLASH=YES						900.0 Secs				
																	[==>]		[1]	
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.																			
Orbit Structure	Orbit 1 GS Acq Unused Visibility = 1584 Server Version: 20100505																			
	Exp. 1 Exp. 2 Home Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec																			

Proposal 12289 - Visit 40 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 40, implementation								Tue Aug 24 02:01:48 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(40)	J112211.55+423709.4	RA: 11 22 11.5500 (170.5481250d) Dec: +42 37 9.40 (42.61928d) Equinox: J2000		Redshift: 0.813		V=16.76+/-0.05 SDSS: g=16.76; (u-g)=0.18 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.22. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.40 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(40) J112211.55+42 3709.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(40) J112211.55+42 3709.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Home Occultation Unused Visibility = 1632 Server Version: 20100505									



Proposal 12289 - Visit 41 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 41, implementation						Tue Aug 24 02:01:48 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(41)	J151346.07+245544.4	RA: 15 13 46.0700 (228.4419583d) Dec: +24 55 44.40 (24.92900d) Equinox: J2000	Redshift: 0.952	V=16.78+/-0.05 SDSS: g=16.78; (u-g)=0.25 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.63. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.81 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(41) J151346.07+24 5544.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
Exposures	2	SPECTRU M	(41) J151346.07+24 5544.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1460 Home Occultation									Server Version: 20100505

Proposal 12289 - Visit 42 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 42, implementation								Tue Aug 24 02:01:48 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(42)	J152843.91+520517.7	RA: 15 28 43.9100 (232.1829583d) Dec: +52 05 17.70 (52.08825d) Equinox: J2000		Redshift: 1.227		V=16.79+/-0.05 SDSS: g=16.79; (u-g)=0.09 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.21. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.39 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(42) J152843.91+52 0517.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(42) J152843.91+52 0517.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Server Version: 20100505									
	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1736 Home Occultation 05001000150020002500300035004000450050005500 sec									

Proposal 12289 - Visit 43 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 43, implementation								Tue Aug 24 02:01:48 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(43)	J150031.80+483646.8	RA: 15 00 31.8000 (225.1325000d) Dec: +48 36 46.80 (48.61300d) Equinox: J2000	Redshift: 1.028	V=16.8+/-0.05 SDSS: g=16.80; (u-g)=0.35 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.58. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.76 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(43) J150031.80+48 3646.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				75.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
Exposures	2	SPECTRU M	(43) J150031.80+48 3646.8	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1652 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 44 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 44, implementation					Tue Aug 24 02:01:49 GMT 2010				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(44)	J132957.14+540505.9	RA: 13 29 57.1400 (202.4880833d) Dec: +54 05 5.90 (54.08497d) Equinox: J2000	Redshift: 0.948	V=16.8+/-0.05 SDSS: g=16.80; (u-g)=0.20 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.43. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.61 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(44) J132957.14+54 0505.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(44) J132957.14+54 0505.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1716 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 45 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Tue Aug 24 02:01:49 GMT 2010

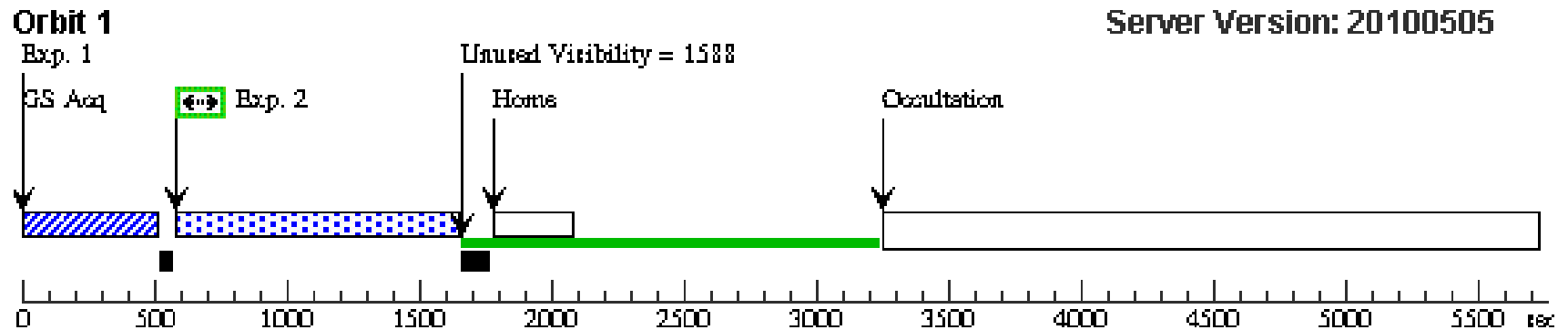
Visit	Proposal 12289, Visit 45, implementation								Tue Aug 24 02:01:49 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(45)	J120127.42+090040.5	RA: 12 01 27.4200 (180.3642500d) Dec: +09 00 40.50 (9.01125d) Equinox: J2000		Redshift: 1.016		V=16.8+/-0.05 SDSS: g=16.80; (u-g)=0.23 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.44. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.62 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(45) J120127.42+09 0040.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(45) J120127.42+09 0040.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1513 Home Occultation 05001000150020002500300035004000450050005500 sec									
	Server Version: 20100505									

Proposal 12289 - Visit 46 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 46, implementation								Tue Aug 24 02:01:49 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(46)	J113025.30+173429.7	RA: 11 30 25.3000 (172.6054167d) Dec: +17 34 29.70 (17.57492d) Equinox: J2000		Redshift: 0.935		V=16.81+/-0.05 SDSS: g=16.81; (u-g)=0.29 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.37. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.55 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(46) J113025.30+17 3429.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				64.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
	2	SPECTRU M	(46) J113025.30+17 3429.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1532 Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 47 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 47, implementation								Tue Aug 24 02:01:49 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(47)	J092105.50+290012.0	RA: 09 21 5.5000 (140.2729167d) Dec: +29 00 12.00 (29.00333d) Equinox: J2000		Redshift: 0.808		V=16.81+/-0.05 SDSS: g=16.81; (u-g)=0.28 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328033. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 16.82. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.00 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(47) J092105.50+29 0012.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				40.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 375 cts/sec; Local = 0.4938 cts/sec/pixel.									
	2	SPECTRU M	(47) J092105.50+29 0012.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328782. Expected count rates for science spectrum: Global = 195 cts/sec; Local = 0.0100 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1588 Horns Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec									
	Server Version: 20100505									



Proposal 12289 - Visit 48 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 48, implementation								Tue Aug 24 02:01:49 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(48)	J102005.99+033308.4	RA: 10 20 5.9900 (155.0249583d) Dec: +03 33 8.40 (3.55233d) Equinox: J2000		Redshift: 0.938		V=16.82+/-0.05 SDSS: g=16.82; (u-g)=0.31 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.39. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.57 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(48) J102005.99+03 3308.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				65.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
	2	SPECTRU M	(48) J102005.99+03 3308.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1515 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 49 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 49, implementation								Tue Aug 24 02:01:49 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(49)	J085723.99+090349.0	RA: 08 57 23.9900 (134.3499583d) Dec: +09 03 49.00 (9.06361d) Equinox: J2000		Redshift: 1.047		V=16.82+/-0.05 SDSS: g=16.82; (u-g)=0.25 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328110. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.91. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.09 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(49) J085723.99+09 0349.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				121.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 335 cts/sec; Local = 0.1604 cts/sec/pixel.									
Exposures	2	SPECTRU M	(49) J085723.99+09 0349.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328757. Expected count rates for science spectrum: Global = 132 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1411 Horns Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 50 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

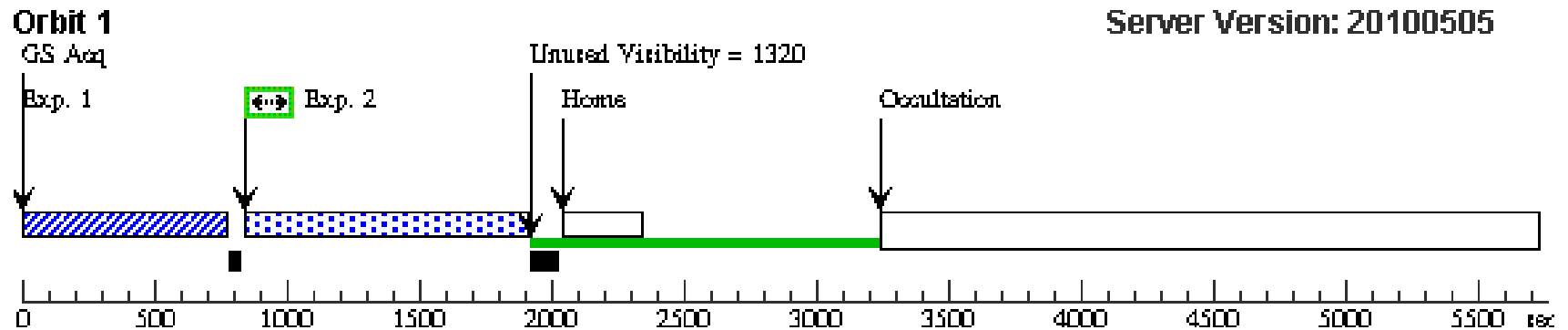
Visit	Proposal 12289, Visit 50, implementation								Tue Aug 24 02:01:50 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(50)	J100535.24+013445.7	RA: 10 05 35.2400 (151.3968333d) Dec: +01 34 45.70 (1.57936d) Equinox: J2000		Redshift: 1.077		V=16.82+/-0.05 SDSS: g=16.82; (u-g)=0.18 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.22. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.40 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(50) J100535.24+01 3445.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(50) J100535.24+01 3445.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1525 Home Occultation								Server Version: 20100505	

Proposal 12289 - Visit 51 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 51, implementation								Tue Aug 24 02:01:50 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(51)	J161817.60+330900.7	RA: 16 18 17.6000 (244.5733333d) Dec: +33 09 0.70 (33.15019d) Equinox: J2000		Redshift: 1.146		V=16.82+/-0.05 SDSS: g=16.82; (u-g)=0.14 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.77. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.95 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(51) J161817.60+33 0900.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				107.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
Exposures	2	SPECTRU M	(51) J161817.60+33 0900.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
	Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1472 Horns Occultation								
Server Version: 20100505										

Proposal 12289 - Visit 52 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 52, implementation								Tue Aug 24 02:01:50 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(52)	J081740.13+232731.5	RA: 08 17 40.1300 (124.4172083d) Dec: +23 27 31.50 (23.45875d) Equinox: J2000		Redshift: 0.891		V=16.83+/-0.05 SDSS: g=16.83; (u-g)=0.52 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328113. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 18.29. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.46 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(52) J081740.13+23 2731.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				170.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 330 cts/sec; Local = 0.1111 cts/sec/pixel.									
	2	SPECTRU M	(52) J081740.13+23 2731.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328759. Expected count rates for science spectrum: Global = 119 cts/sec; Local = 0.0070 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Unused Visibility = 1320 Server Version: 20100505									



Proposal 12289 - Visit 53 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 53, implementation						Tue Aug 24 02:01:50 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(53)	J090533.30+513507.7	RA: 09 05 33.3000 (136.3887500d) Dec: +51 35 7.70 (51.58547d) Equinox: J2000	Redshift: 0.897	V=16.83+/-0.05 SDSS: g=16.83; (u-g)=0.17 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.43. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.61 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(53) J090533.30+51 3507.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(53) J090533.30+51 3507.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1716 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 54 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 54, implementation								Tue Aug 24 02:01:50 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(54)	J101548.27+404008.7	RA: 10 15 48.2700 (153.9511250d) Dec: +40 40 8.70 (40.66908d) Equinox: J2000	Redshift: 0.922	V=16.83+/-0.05 SDSS: g=16.83; (u-g)=0.21 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.42. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.60 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(54) J101548.27+40 4008.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(54) J101548.27+40 4008.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1612 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 55 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 55, implementation								Tue Aug 24 02:01:50 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(55)	J092756.88+253007.8	RA: 09 27 56.8800 (141.9870000d) Dec: +25 30 7.80 (25.50217d) Equinox: J2000		Redshift: 1.194		V=16.84+/-0.05 SDSS: g=16.84; (u-g)=0.08 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.26. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.44 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(55) J092756.88+25 3007.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs [>=>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
	2	SPECTRU M	(55) J092756.88+25 3007.8	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [>=>]	[1]
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Unused Visibility = 154% Server Version: 20100505 Exp. 1 Exp. 2 Home Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec									

Proposal 12289 - Visit 56 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 56, implementation								Tue Aug 24 02:01:50 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(56)	J154640.73+121549.4	RA: 15 46 40.7300 (236.6697083d) Dec: +12 15 49.40 (12.26372d) Equinox: J2000		Redshift: 1.134		V=16.84+/-0.05 SDSS: g=16.84; (u-g)=0.38 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328110. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.84. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.02 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(56) J154640.73+12 1549.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 335 cts/sec; Local = 0.1604 cts/sec/pixel.									
	2	SPECTRU M	(56) J154640.73+12 1549.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328757. Expected count rates for science spectrum: Global = 132 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1416 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 57 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 57, implementation								Tue Aug 24 02:01:51 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(57)	J160744.82+184648.2	RA: 16 07 44.8200 (241.9367500d) Dec: +18 46 48.20 (18.78006d) Equinox: J2000		Redshift: 1.082		V=16.84+/-0.05 SDSS: g=16.84; (u-g)=0.14 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.53. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.71 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(57) J160744.82+18 4648.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				72.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(57) J160744.82+18 4648.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1516 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 58 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 58, implementation								Tue Aug 24 02:01:51 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(58)	J135559.88+260039.0	RA: 13 55 59.8800 (208.9995000d) Dec: +26 00 39.00 (26.01083d) Equinox: J2000		Redshift: 0.851		V=16.85+/-0.05 SDSS: g=16.85; (u-g)=0.37 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.36. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.54 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(58) J135559.88+26 0039.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				63.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
	2	SPECTRU M	(58) J135559.88+26 0039.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1542 Horns Occultation Server Version: 20100505									
	05001000150020002500300035004000450050005500sec									

Proposal 12289 - Visit 59 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 59, implementation							Tue Aug 24 02:01:51 GMT 2010		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(59)	J115404.46+144719.6	RA: 11 54 4.4600 (178.5185833d) Dec: +14 47 19.60 (14.78878d) Equinox: J2000	Redshift: 0.85	V=16.85+/-0.05 SDSS: g=16.85; (u-g)=0.45 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.73. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.91 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(59) J115404.46+14 4719.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				103.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRU M	(59) J115404.46+14 4719.6	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1450 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 60 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 60, implementation								Tue Aug 24 02:01:51 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(60)	J133731.25+055531.5	RA: 13 37 31.2500 (204.3802083d) Dec: +05 55 31.50 (5.92542d) Equinox: J2000		Redshift: 1.22		V=16.86+/-0.05 SDSS: g=16.86; (u-g)=0.06 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.49. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.67 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(60) J133731.25+05 5531.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(60) J133731.25+05 5531.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1513 Home Observation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 Server Version: 20100505									

Proposal 12289 - Visit 61 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 61, implementation								Tue Aug 24 02:01:51 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(61)	J081007.64+542443.7	RA: 08 10 7.6400 (122.5318333d) Dec: +54 24 43.70 (54.41214d) Equinox: J2000		Redshift: 1.123		V=16.86+/-0.05 SDSS: g=16.86; (u-g)=0.43 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328114. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 18.48. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.66 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(61) J081007.64+54 2443.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				210.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 327 cts/sec; Local = 0.0987 cts/sec/pixel.									
	2	SPECTRU M	(61) J081007.64+54 2443.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328761. Expected count rates for science spectrum: Global = 114 cts/sec; Local = 0.0070 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1436 Home Occultation Exp. 2									
	Server Version: 20100505									

Orbit 1

Exp. 1

GS Acq

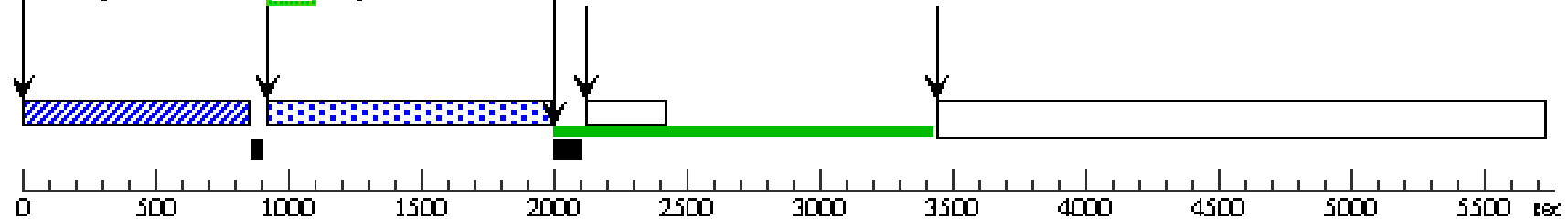


Exp. 2

Unused Visibility = 1436

Home

Consultation



Server Version: 20100505

Proposal 12289 - Visit 62 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 62, implementation										Tue Aug 24 02:01:52 GMT 2010	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(62)	J155846.98+043802.6	RA: 15 58 46.9800 (239.6957500d) Dec: +04 38 2.60 (4.63406d) Equinox: J2000		Redshift: 1.201		V=16.87+/-0.05 SDSS: g=16.87; (u-g)=0.19 mag		Reference Frame: ICRS			
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.71. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.89 mag brighter than the present object.											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit	
	1	ACQUISITI ON	(62) J155846.98+04 3802.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				101.0 Secs			
									[>=>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.											
Exposures	2	SPECTRU M	(62) J155846.98+04 3802.6	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs			
									[>=>]		[1]	
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.											
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1443 Homs Occultation Server Version: 20100505											

Proposal 12289 - Visit 63 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 63, implementation								Tue Aug 24 02:01:52 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(63)	J123638.28+030250.2	RA: 12 36 38.2800 (189.1595000d) Dec: +03 02 50.20 (3.04728d) Equinox: J2000		Redshift: 0.944		V=16.87+/-0.05 SDSS: g=16.87; (u-g)=0.24 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.51. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.69 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(63) J123638.28+03 0250.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				71.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(63) J123638.28+03 0250.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1503 Home Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec									
	Server Version: 20100505									

Proposal 12289 - Visit 64 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 64, implementation								Tue Aug 24 02:01:52 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(64)	J130753.47+115803.3	RA: 13 07 53.4700 (196.9727917d) Dec: +11 58 3.30 (11.96758d) Equinox: J2000		Redshift: 0.969		V=16.87+/-0.05 SDSS: g=16.87; (u-g)=0.19 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.17. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.35 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(64) J130753.47+11 5803.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				53.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.									
	2	SPECTRU M	(64) J130753.47+11 5803.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1550 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 65 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 65, implementation								Tue Aug 24 02:01:52 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(65)	J150843.90+121544.4	RA: 15 08 43.9000 (227.1829167d) Dec: +12 15 44.40 (12.26233d) Equinox: J2000		Redshift: 0.928		V=16.88+/-0.05 SDSS: g=16.88; (u-g)=0.46 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.40. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.58 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(65) J150843.90+12 1544.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(65) J150843.90+12 1544.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1516 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 66 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 66, implementation								Tue Aug 24 02:01:52 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(66)	J091622.82+132829.1	RA: 09 16 22.8200 (139.0950833d) Dec: +13 28 29.10 (13.47475d) Equinox: J2000		Redshift: 1.151		V=16.88+/-0.05 SDSS: g=16.88; (u-g)=0.16 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.57. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.75 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(66) J091622.82+13 2829.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				75.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
Exposures	2	SPECTRU M	(66) J091622.82+13 2829.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 150s Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 67 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 67, implementation								Tue Aug 24 02:01:53 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(67)	J151907.61+440424.5	RA: 15 19 7.6100 (229.7817083d) Dec: +44 04 24.50 (44.07347d) Equinox: J2000		Redshift: 0.781		V=16.88+/-0.05 SDSS: g=16.88; (u-g)=0.40 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.25. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.43 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(67) J151907.61+44 0424.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(67) J151907.61+44 0424.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1632 Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 68 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 68, implementation								Tue Aug 24 02:01:53 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(68)	J104550.85+441815.5	RA: 10 45 50.8500 (161.4618750d) Dec: +44 18 15.50 (44.30431d) Equinox: J2000		Redshift: 0.929		V=16.89+/-0.05 SDSS: g=16.89; (u-g)=0.24 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.47. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.65 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(68) J104550.85+44 1815.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(68) J104550.85+44 1815.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1612 Home Occultation 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec Server Version: 20100505									

Proposal 12289 - Visit 69 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 69, implementation								Tue Aug 24 02:01:53 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(69)	J141038.39+230447.2	RA: 14 10 38.3900 (212.6599583d) Dec: +23 04 47.20 (23.07978d) Equinox: J2000		Redshift: 0.795		V=16.89+/-0.05 SDSS: g=16.89; (u-g)=0.27 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.35. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.53 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(69) J141038.39+23 0447.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				62.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
	2	SPECTRU M	(69) J141038.39+23 0447.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1536 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 70 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 70, implementation										Tue Aug 24 02:01:53 GMT 2010	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(70)	J081050.90+350828.7	RA: 08 10 50.9000 (122.7120833d) Dec: +35 08 28.70 (35.14131d) Equinox: J2000		Redshift: 1.236		V=16.89+/-0.05 SDSS: g=16.89; (u-g)=0.31 mag		Reference Frame: ICRS			
	Comments: ETC ACQ Simulation: COS.A328114. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 18.56. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.74 mag brighter than the present object.											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit	
	1	ACQUISITI ON	(70) J081050.90+35 0828.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				222.0 Secs [==>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 327 cts/sec; Local = 0.0987 cts/sec/pixel.											
	2	SPECTRU M	(70) J081050.90+35 0828.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]		[1]	
Comments: ETC science Simulation: COS.A328761. Expected count rates for science spectrum: Global = 114 cts/sec; Local = 0.0070 cts/sec/pixel.												
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 126% Horns Occultation Server Version: 20100505											

Proposal 12289 - Visit 71 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 71, implementation						Tue Aug 24 02:01:53 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(71)	J163156.13+435943.6	RA: 16 31 56.1300 (247.9838750d) Dec: +43 59 43.60 (43.99544d) Equinox: J2000	Redshift: 0.793	V=16.9+/-0.05 SDSS: g=16.90; (u-g)=0.03 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.36. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.54 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(71) J163156.13+43 5943.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				63.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(71) J163156.13+43 5943.6	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1626 Home Occultation 05001000150020002500300035004000450050005500sec									
	Server Version: 20100505									

Proposal 12289 - Visit 72 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 72, implementation								Tue Aug 24 02:01:53 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(72)	J140626.60+250921.0	RA: 14 06 26.6000 (211.6108333d) Dec: +25 09 21.00 (25.15583d) Equinox: J2000		Redshift: 0.866		V=16.9+/-0.05 SDSS: g=16.90; (u-g)=0.25 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.19. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.37 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(72) J140626.60+25 0921.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				54.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.									
	2	SPECTRU M	(72) J140626.60+25 0921.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1560 Horns Occlusion									
	Server Version: 20100505									

Proposal 12289 - Visit 73 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 73, implementation								Tue Aug 24 02:01:53 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(73)	J145702.07+415304.1	RA: 14 57 2.0700 (224.2586250d) Dec: +41 53 4.10 (41.88447d) Equinox: J2000		Redshift: 1.246		V=16.9+/-0.05 SDSS: g=16.90; (u-g)=0.28 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328110. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.84. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.02 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(73) J145702.07+41 5304.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 335 cts/sec; Local = 0.1604 cts/sec/pixel.									
	2	SPECTRU M	(73) J145702.07+41 5304.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
								[==>]	[1]	
Comments: ETC science Simulation: COS.A328757. Expected count rates for science spectrum: Global = 132 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1512 Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 74 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 74, implementation								Tue Aug 24 02:01:54 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(74)	J153602.47+393207.0	RA: 15 36 2.4700 (234.0102917d) Dec: +39 32 7.00 (39.53528d) Equinox: J2000		Redshift: 0.783		V=16.9+/-0.05 SDSS: g=16.90; (u-g)=0.35 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.10. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.28 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(74) J153602.47+39 3207.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.									
	2	SPECTRU M	(74) J153602.47+39 3207.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1612 Homs Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 75 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 75, implementation								Tue Aug 24 02:01:54 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(75)	J103645.15+370701.3	RA: 10 36 45.1500 (159.1881250d) Dec: +37 07 1.30 (37.11703d) Equinox: J2000		Redshift: 0.81		V=16.91+/-0.05 SDSS: g=16.91; (u-g)=0.17 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.46. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.64 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(75) J103645.15+37 0701.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(75) J103645.15+37 0701.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1572 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 76 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 76, implementation								Tue Aug 24 02:01:54 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(76)	J115027.26+665848.0	RA: 11 50 27.2600 (177.6135833d) Dec: +66 58 48.00 (66.98000d) Equinox: J2000		Redshift: 1.036		V=16.91+/-0.05 SDSS: g=16.91; (u-g)=0.17 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328031. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.07. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.25 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(76) J115027.26+66 5848.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 365 cts/sec; Local = 0.4197 cts/sec/pixel.									
Exposures	2	SPECTRU M	(76) J115027.26+66 5848.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328783. Expected count rates for science spectrum: Global = 178 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1910 Homs Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 77 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 77, implementation						Tue Aug 24 02:01:54 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(77)	J132323.49+445043.0	RA: 13 23 23.4900 (200.8478750d) Dec: +44 50 43.00 (44.84528d) Equinox: J2000	Redshift: 1.046	V=16.91+/-0.05 SDSS: g=16.91; (u-g)=0.66 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328110. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.90. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.08 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(77) J132323.49+44 5043.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 335 cts/sec; Local = 0.1604 cts/sec/pixel.									
	2	SPECTRU M	(77) J132323.49+44 5043.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328757. Expected count rates for science spectrum: Global = 132 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1512 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 78 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 78, implementation								Tue Aug 24 02:01:54 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(78)	J112918.26+110901.1	RA: 11 29 18.2600 (172.3260833d) Dec: +11 09 1.10 (11.15031d) Equinox: J2000		Redshift: 1.045		V=16.92+/-0.05 SDSS: g=16.92; (u-g)=0.13 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.40. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.58 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(78) J112918.26+11 0901.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(78) J112918.26+11 0901.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Server Version: 20100505									
	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1516 Home Occultation 05001000150020002500300035004000450050005500 sec									

Proposal 12289 - Visit 79 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 79, implementation								Tue Aug 24 02:01:54 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(79)	J074451.37+292005.9	RA: 07 44 51.3700 (116.2140417d) Dec: +29 20 5.90 (29.33497d) Equinox: J2000		Redshift: 1.183		V=16.92+/-0.05 SDSS: g=16.92; (u-g)=0.17 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328110. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.86. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.04 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(79) J074451.37+29 2005.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 335 cts/sec; Local = 0.1604 cts/sec/pixel.									
	2	SPECTRU M	(79) J074451.37+29 2005.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328757. Expected count rates for science spectrum: Global = 132 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Server Version: 20100505									
	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1428 Home Occultation Exp. 2 05001000150020002500300035004000450050005500 sec									

Proposal 12289 - Visit 80 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 80, implementation								Tue Aug 24 02:01:54 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(80)	J112632.92+120437.4	RA: 11 26 32.9200 (171.6371667d) Dec: +12 04 37.40 (12.07706d) Equinox: J2000		Redshift: 0.975		V=16.93+/-0.05 SDSS: g=16.93; (u-g)=0.13 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.32. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.50 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(80) J112632.92+12 0437.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				61.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
	2	SPECTRU M	(80) J112632.92+12 0437.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1534 Home Consultation Server Version: 20100505									

Proposal 12289 - Visit 81 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 81, implementation								Tue Aug 24 02:01:55 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(81)	J104030.30+353825.1	RA: 10 40 30.3000 (160.1262500d) Dec: +35 38 25.10 (35.64031d) Equinox: J2000		Redshift: 1.061		V=16.93+/-0.05 SDSS: g=16.93; (u-g)=0.12 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.51. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.69 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(81) J104030.30+35 3825.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				71.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(81) J104030.30+35 3825.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1570 Home Occultation Server Version: 20100505									

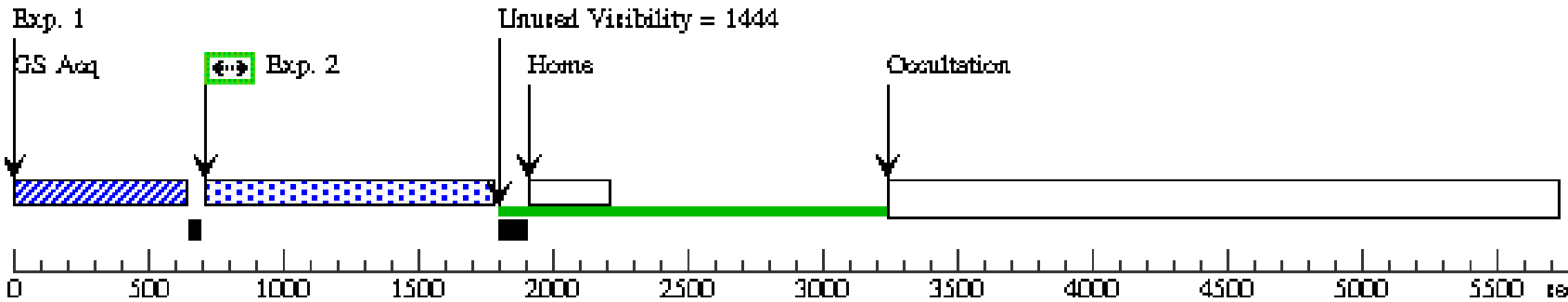
Proposal 12289 - Visit 82 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 82, implementation								Tue Aug 24 02:01:55 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(82)	J122741.93+383548.5	RA: 12 27 41.9300 (186.9247083d) Dec: +38 35 48.50 (38.59681d) Equinox: J2000		Redshift: 1.24		V=16.94+/-0.05 SDSS: g=16.94; (u-g)=0.12 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.54. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.72 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(82) J122741.93+38 3548.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				73.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(82) J122741.93+38 3548.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1566 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 83 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 83, implementation					Tue Aug 24 02:01:55 GMT 2010				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(83)	J092433.48+365248.3	RA: 09 24 33.4800 (141.1395000d) Dec: +36 52 48.30 (36.88008d) Equinox: J2000	Redshift: 0.904	V=16.95+/-0.05 SDSS: g=16.95; (u-g)=0.26 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.64. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.82 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(83) J092433.48+36 5248.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRU M	(83) J092433.48+36 5248.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1512 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 84 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 84, implementation						Tue Aug 24 02:01:55 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(84)	J080630.30+144242.4	RA: 08 06 30.3000 (121.6262500d) Dec: +14 42 42.40 (14.71178d) Equinox: J2000	Redshift: 1.212	V=16.95+/-0.05 SDSS: g=16.95; (u-g)=0.12 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.76. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.94 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(84) J080630.30+14 4242.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				106.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRU M	(84) J080630.30+14 4242.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1444 Homs Occultation 									
	Server Version: 20100505									

Proposal 12289 - Visit 85 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 85, implementation								Tue Aug 24 02:01:55 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(85)	J141359.55+485120.7	RA: 14 13 59.5500 (213.4981250d) Dec: +48 51 20.70 (48.85575d) Equinox: J2000		Redshift: 0.918		V=16.95+/-0.05 SDSS: g=16.95; (u-g)=0.24 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.63. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.81 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(85) J141359.55+48 5120.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
Exposures	2	SPECTRU M	(85) J141359.55+48 5120.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1602 Home Occultation Exp. 2 05001000150020002500300035004000450050005500 sec									
	Server Version: 20100505									

Orbit 1

Exp. 1

GS Acq

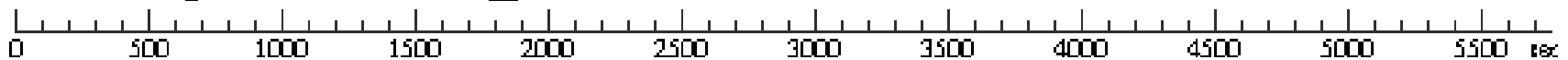
Exp. 2

Unused Visibility = 1602

Home

Occultation

Server Version: 20100505



Proposal 12289 - Visit 86 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 86, implementation								Tue Aug 24 02:01:55 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(86)	J113244.99+182459.9	RA: 11 32 44.9900 (173.1874583d) Dec: +18 24 59.90 (18.41664d) Equinox: J2000		Redshift: 0.842		V=16.96+/-0.05 SDSS: g=16.96; (u-g)=0.20 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.60. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.78 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(86) J113244.99+18 2459.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
Exposures	2	SPECTRU M	(86) J113244.99+18 2459.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Virability = 1460 Home Consultation Server Version: 20100505									

Proposal 12289 - Visit 87 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 87, implementation						Tue Aug 24 02:01:56 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(87)	J154037.61+305335.1	RA: 15 40 37.6100 (235.1567083d) Dec: +30 53 35.10 (30.89308d) Equinox: J2000	Redshift: 0.893	V=16.96+/-0.05 SDSS: g=16.96; (u-g)=0.22 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.61. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.79 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(87) J154037.61+30 5335.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRU M	(87) J154037.61+30 5335.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 Exp. 2 Unused Visibility = 1486 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 88 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 88, implementation										Tue Aug 24 02:01:56 GMT 2010									
	Diagnostic Status: No Diagnostics																			
	Scientific Instruments: COS/NUV, COS/FUV																			
	Special Requirements: (none)																			
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous				
	(88)	J125714.69-015053.1		RA: 12 57 14.6900 (194.3112083d) Dec: -01 50 53.10 (-1.84808d) Equinox: J2000				Redshift: 1.055				V=16.96+/-0.05 SDSS: g=16.96; (u-g)=0.16 mag				Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.22. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.40 mag brighter than the present object.																			
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit		
	1	ACQUISITI ON	(88) J125714.69-015 053.1	COS/NUV, ACQ/IMAGE, PSA				MIRRORB								60.0 Secs				
																	[>=>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.																			
Exposures	2	SPECTRU M	(88) J125714.69-015 053.1	COS/FUV, TIME-TAG, PSA				G140L 1280 A		BUFFER-TIME=90 0; FLASH=YES						900.0 Secs				
																	[>=>]		[1]	
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.																			
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1525 Home Occultation																			
	Server Version: 20100505																			

Proposal 12289 - Visit 89 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 89, implementation								Tue Aug 24 02:01:56 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(89)	J234403.10+003804.2	RA: 23 44 3.1000 (356.0129167d) Dec: +00 38 4.20 (.63450d) Equinox: J2000		Redshift: 1.232		V=16.96+/-0.05 SDSS: g=16.96; (u-g)=0.25 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.62. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.80 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(89) J234403.10+00 3804.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
Exposures	2	SPECTRU M	(89) J234403.10+00 3804.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Unused Visibility = 1445 Server Version: 20100505									

Proposal 12289 - Visit 90 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 90, implementation								Tue Aug 24 02:01:56 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(90)	J100151.34+280002.2	RA: 10 01 51.3400 (150.4639167d) Dec: +28 00 2.20 (28.00061d) Equinox: J2000		Redshift: 1.128		V=16.97+/-0.05 SDSS: g=16.97; (u-g)=0.12 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.34. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.52 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(90) J100151.34+28 0002.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				62.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(90) J100151.34+28 0002.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1544 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 91 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 91, implementation								Tue Aug 24 02:01:56 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(91)	J105638.08+494943.3	RA: 10 56 38.0800 (164.1586667d) Dec: +49 49 43.30 (49.82869d) Equinox: J2000	Redshift: 1.141	V=16.97+/-0.05 SDSS: g=16.97; (u-g)=0.09 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328112. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 18.17. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.35 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(91) J105638.08+49 4943.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				155.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 332 cts/sec; Local = 0.1358 cts/sec/pixel.									
Exposures	2	SPECTRU M	(91) J105638.08+49 4943.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328758. Expected count rates for science spectrum: Global = 125 cts/sec; Local = 0.0030 cts/sec/pixel.									
	Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1492 Home Occultation Server Version: 20100505								

Proposal 12289 - Visit 92 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 92, implementation						Tue Aug 24 02:01:56 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(92)	J075851.52+220457.7	RA: 07 58 51.5200 (119.7146667d) Dec: +22 04 57.70 (22.08269d) Equinox: J2000	Redshift: 0.816	V=16.97+/-0.05 SDSS: g=16.97; (u-g)=0.50 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328002. This ACQ uses MIRRORA. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 18.83. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 3.01 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(92) J075851.52+22 0457.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				14.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 433 cts/sec; Local = 1.4444 cts/sec/pixel.									
	2	SPECTRU M	(92) J075851.52+22 0457.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328764. Expected count rates for science spectrum: Global = 107 cts/sec; Local = 0.0070 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1661 Home Consultation Server Version: 20100505									

Proposal 12289 - Visit 93 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 93, implementation										Tue Aug 24 02:01:56 GMT 2010	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(93)	J114931.75+223028.4	RA: 11 49 31.7500 (177.3822917d) Dec: +22 30 28.40 (22.50789d) Equinox: J2000		Redshift: 0.961		V=16.97+/-0.05 SDSS: g=16.97; (u-g)=0.14 mag		Reference Frame: ICRS			
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.73. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.91 mag brighter than the present object.											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit	
	1	ACQUISITI ON	(93) J114931.75+22 3028.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				103.0 Secs			
									[==>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.											
Exposures	2	SPECTRU M	(93) J114931.75+22 3028.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs			
									[==>]		[1]	
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.											
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1454 Home Occultation Server Version: 20100505											

Proposal 12289 - Visit 94 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 94, implementation						Tue Aug 24 02:01:56 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(94)	J141528.76-002633.2	RA: 14 15 28.7600 (213.8698333d) Dec: -00 26 33.20 (-.44256d) Equinox: J2000	Redshift: 1.155	V=16.98+/-0.05 SDSS: g=16.98; (u-g)=0.10 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.51. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.69 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(94) J141528.76-002 633.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				71.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(94) J141528.76-002 633.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1503 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 95 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 95, implementation					Tue Aug 24 02:01:57 GMT 2010				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(95)	J171654.20+302701.4	RA: 17 16 54.2000 (259.2258333d) Dec: +30 27 1.40 (30.45039d) Equinox: J2000	Redshift: 0.753	V=16.99+/-0.05 SDSS: g=16.99; (u-g)=0.35 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.73. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.91 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITION	(95) J171654.20+302701.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				103.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRUM	(95) J171654.20+302701.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1480 Homs Occultation Server Version: 20100505									

Proposal 12289 - Visit 96 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 96, implementation										Tue Aug 24 02:01:57 GMT 2010	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(96)	J121016.12+001204.9	RA: 12 10 16.1200 (182.5671667d) Dec: +00 12 4.90 (.20136d) Equinox: J2000		Redshift: 1.228		V=16.99+/-0.05 SDSS: g=16.99; (u-g)=0.02 mag		Reference Frame: ICRS			
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.21. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.39 mag brighter than the present object.											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit	
	1	ACQUISITI ON	(96) J121016.12+00 1204.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs [==>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.											
	2	SPECTRU M	(96) J121016.12+00 1204.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]		[1]	
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.												
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Home Occultation Unused Visibility = 1525 05001000150020002500300035004000450050005500 sec											
	Server Version: 20100505											

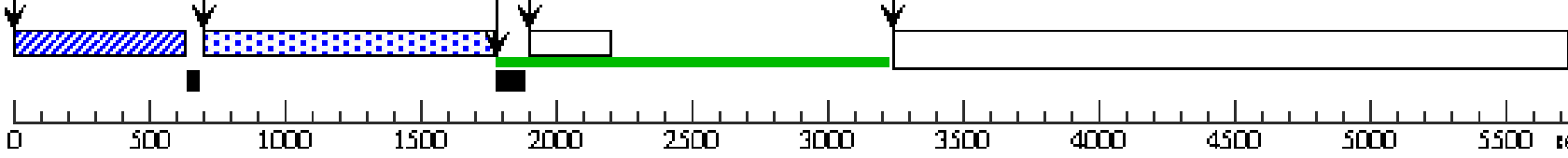
Proposal 12289 - Visit 97 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 97, implementation								Tue Aug 24 02:01:57 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(97)	J114343.09+674455.5	RA: 11 43 43.0900 (175.9295417d) Dec: +67 44 55.50 (67.74875d) Equinox: J2000		Redshift: 0.794		V=16.99+/-0.05 SDSS: g=16.99; (u-g)=0.16 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.39. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.57 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(97) J114343.09+67 4455.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				65.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
	2	SPECTRU M	(97) J114343.09+67 4455.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1880 Homs Occultation Server Version: 20100505									

Proposal 12289 - Visit 98 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 98, implementation								Tue Aug 24 02:01:57 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(98)	J150420.99+543610.3	RA: 15 04 20.9900 (226.0874583d) Dec: +54 36 10.30 (54.60286d) Equinox: J2000		Redshift: 1.165		V=16.99+/-0.05 SDSS: g=16.99; (u-g)=0.37 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A327997. This ACQ uses MIRRORA. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 19.42. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 3.60 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(98) J150420.99+54 3610.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				25.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 383 cts/sec; Local = 0.8271 cts/sec/pixel.									
Exposures	2	SPECTRU M	(98) J150420.99+54 3610.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328772. Expected count rates for science spectrum: Global = 100 cts/sec; Local = 0.0060 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1835 Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 99 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 99, implementation						Tue Aug 24 02:01:57 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(99)	J112317.52+051803.9	RA: 11 23 17.5200 (170.8230000d) Dec: +05 18 3.90 (5.30108d) Equinox: J2000	Redshift: 1.0	V=16.99+/-0.05 SDSS: g=16.99; (u-g)=0.25 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.68. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.86 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(99) J112317.52+05 1803.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRU M	(99) J112317.52+05 1803.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1453 Home Occultation Exp. 2 									
	Server Version: 20100505									

Proposal 12289 - Visit 0A - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0A, implementation								Tue Aug 24 02:01:57 GMT 2010		
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(100)	J074358.27+323512.5	RA: 07 43 58.2700 (115.9927917d) Dec: +32 35 12.50 (32.58681d) Equinox: J2000		Redshift: 0.904		V=16.99+/-0.05 SDSS: g=16.99; (u-g)=0.16 mag		Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.78. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.96 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	ACQUISITI ON	(100) J074358.27+3 23512.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				108.0 Secs		
									[==>]		[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.										
	2	SPECTRU M	(100) J074358.27+3 23512.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs		
									[==>]		[1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.											
Orbit Structure	Orbit 1 GS Acq Unused Visibility = 1470 Server Version: 20100505 The diagram illustrates the orbit structure over a 5500-second period. Key events include: GS Acq: Ground Station Acquisition at the start. Exp. 1: Imaging exposure (0-700s, blue hatched). Exp. 2: Imaging exposure (700-1850s, green checkered). Homs: Housekeeping observation (1850-2200s, white). Occultation: Period where the target is behind the planet (2200-5500s, white). A green bar at the bottom represents visibility, which is blocked during the occultation phase. A gap in the green bar between 1850s and 2200s is labeled 'Unused Visibility = 1470'. A small black square marks the start of the occultation at 2200s.										

Orbit 1

GS Acq

Exp. 1

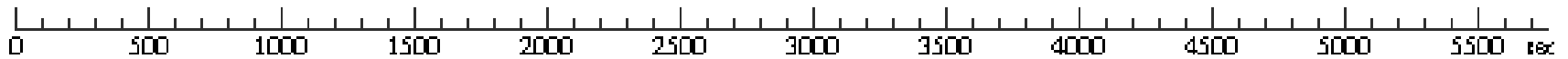
Exp. 2

Unused Visibility = 1470

Horns

Occultation

Server Version: 20100505



Proposal 12289 - Visit 0B - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0B, implementation								Tue Aug 24 02:01:57 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(101)	J135353.31+470715.5	RA: 13 53 53.3100 (208.4721250d) Dec: +47 07 15.50 (47.12097d) Equinox: J2000		Redshift: 1.112		V=16.99+/-0.05 SDSS: g=16.99; (u-g)=0.10 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.56. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.74 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(101) J135353.31+4 70715.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				74.0 Secs [>=>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(101) J135353.31+4 70715.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [>=>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1654 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 0C - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0C, implementation								Tue Aug 24 02:01:58 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(102)	J102349.40+522151.2	RA: 10 23 49.4000 (155.9558333d) Dec: +52 21 51.20 (52.36422d) Equinox: J2000		Redshift: 0.955		V=17.0+/-0.05 SDSS: g=17.00; (u-g)=0.14 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.39. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.57 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(102) J102349.40+5 22151.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				65.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(102) J102349.40+5 22151.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1726 Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 0D - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0D, implementation								Tue Aug 24 02:01:58 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(103)	J023521.87-083229.3	RA: 02 35 21.8700 (38.8411250d) Dec: -08 32 29.30 (-8.54147d) Equinox: J2000		Redshift: 1.234		V=17.0+/-0.05 SDSS: g=17.00; (u-g)=-0.0 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.61. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.79 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(103) J023521.87-08 3229.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
Exposures	2	SPECTRU M	(103) J023521.87-08 3229.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
	Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Virability = 1453 Home Consultation								Server Version: 20100505

Proposal 12289 - Visit 0E - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0E, implementation								Tue Aug 24 02:01:58 GMT 2010		
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(104)	J134159.91+370710.2	RA: 13 41 59.9100 (205.4996250d) Dec: +37 07 10.20 (37.11950d) Equinox: J2000		Redshift: 1.102		V=17.0+/-0.05 SDSS: g=17.00; (u-g)=0.17 mag		Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.22. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.40 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	ACQUISITI ON	(104) J134159.91+3 70710.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs		
									[==>]		[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.										
	2	SPECTRU M	(104) J134159.91+3 70710.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs		
									[==>]		[1]
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.											
Orbit Structure	Server Version: 20100505										
	Orbit 1 Exp. 1 GS Acq Exp. 2 Home Occultation Unused Visibility = 1592 050010001500200025003000350040004500500055006000 sec										

Proposal 12289 - Visit 0F - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0F, implementation								Tue Aug 24 02:01:58 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(105)	J144313.32+094910.2	RA: 14 43 13.3200 (220.8055000d) Dec: +09 49 10.20 (9.81950d) Equinox: J2000		Redshift: 1.192		V=17.01+/-0.05 SDSS: g=17.01; (u-g)=0.03 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.37. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.55 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(105) J144313.32+0 94910.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				64.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
Exposures	2	SPECTRU M	(105) J144313.32+0 94910.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1525 Home Occultation									

Proposal 12289 - Visit 0G - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0G, implementation						Tue Aug 24 02:01:58 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(106)	J160500.55+353949.6	RA: 16 05 0.5500 (241.2522917d) Dec: +35 39 49.60 (35.66378d) Equinox: J2000	Redshift: 1.04	V=17.01+/-0.05 SDSS: g=17.01; (u-g)=0.26 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.69. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.87 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(106) J160500.55+3 53949.6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
Exposures	2	SPECTRU M	(106) J160500.55+3 53949.6	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1512 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 0H - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0H, implementation						Tue Aug 24 02:01:58 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(107)	J151006.75+034908.7	RA: 15 10 6.7500 (227.5281250d) Dec: +03 49 8.70 (3.81908d) Equinox: J2000	Redshift: 0.904	V=17.01+/-0.05 SDSS: g=17.01; (u-g)=0.10 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.54. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.72 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(107) J151006.75+0 34908.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				73.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
Exposures	2	SPECTRU M	(107) J151006.75+0 34908.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.									
	Orbit Structure	Orbit 1 Exp. 1 Exp. 2 Unused Visibility = 1499 Home Occultation Server Version: 20100505								

Proposal 12289 - Visit 0I - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0I, implementation							Tue Aug 24 02:01:58 GMT 2010		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(108)	J145610.77+120145.0	RA: 14 56 10.7700 (224.0448750d) Dec: +12 01 45.00 (12.02917d) Equinox: J2000	Redshift: 1.18	V=17.01+/-0.05 SDSS: g=17.01; (u-g)=0.17 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.68. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.86 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(108) J145610.77+1 20145.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
Exposures	2	SPECTRU M	(108) J145610.77+1 20145.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Server Version: 20100505									
	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1456 Home Occultation 05001000150020002500300035004000450050005500 sec									

Proposal 12289 - Visit 0J - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0J, implementation								Tue Aug 24 02:01:59 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(109)	J090906.18+323630.2	RA: 09 09 6.1800 (137.2757500d) Dec: +32 36 30.20 (32.60839d) Equinox: J2000		Redshift: 0.808		V=17.02+/-0.05 SDSS: g=17.02; (u-g)=0.17 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.26. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.44 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(109) J090906.18+3 23630.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				60.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
	2	SPECTRU M	(109) J090906.18+3 23630.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1566 Home Occultation Exp. 2 Server Version: 20100505									

Proposal 12289 - Visit 0K - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0K, implementation								Tue Aug 24 02:01:59 GMT 2010		
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(110)	J124009.12+242531.2	RA: 12 40 9.1200 (190.0380000d) Dec: +24 25 31.20 (24.42533d) Equinox: J2000		Redshift: 0.83		V=17.02+/-0.05 SDSS: g=17.02; (u-g)=0.14 mag		Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.42. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.60 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	ACQUISITI ON	(110) J124009.12+2 42531.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs		
									[>=>]		[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.										
	2	SPECTRU M	(110) J124009.12+2 42531.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs		
									[>=>]		[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.											
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1520 Home Consultation										
	Server Version: 20100505										

Proposal 12289 - Visit 0L - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0L, implementation								Tue Aug 24 02:01:59 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(111)	J141948.63+322717.2	RA: 14 19 48.6300 (214.9526250d) Dec: +32 27 17.20 (32.45478d) Equinox: J2000		Redshift: 0.924		V=17.02+/-0.05 SDSS: g=17.02; (u-g)=0.09 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.39. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.57 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(111) J141948.63+3 22717.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				65.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.									
	2	SPECTRU M	(111) J141948.63+3 22717.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1556 Home Occultation									
	The diagram shows a timeline for Orbit 1. It starts with a blue hatched bar for 'GS Acq' from 0 to 500 seconds. This is followed by a green hatched bar for 'Exp. 1' from 500 to 1750 seconds. Then, a red hatched bar for 'Exp. 2' from 1750 to 3250 seconds. A black bar for 'Unused Visibility' follows from 3250 to 4750 seconds. A white bar for 'Home' is shown from 4750 to 5250 seconds. Finally, a long white bar for 'Occultation' spans from 5250 to 6000 seconds. The x-axis is labeled 'Sec' and ranges from 0 to 6000 with major ticks every 500 units.									

Proposal 12289 - Visit 0M - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0M, implementation								Tue Aug 24 02:01:59 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(112)	J121103.92+123406.1	RA: 12 11 3.9200 (182.7663333d) Dec: +12 34 6.10 (12.56836d) Equinox: J2000		Redshift: 1.003		V=17.02+/-0.05 SDSS: g=17.02; (u-g)=0.24 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.66. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.84 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(112) J121103.92+1 23406.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
Exposures	2	SPECTRU M	(112) J121103.92+1 23406.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1456 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 0N - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0N, implementation						Tue Aug 24 02:01:59 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(113)	J095045.71+302518.4	RA: 09 50 45.7100 (147.6904583d) Dec: +30 25 18.40 (30.42178d) Equinox: J2000	Redshift: 1.194	V=17.02+/-0.05 SDSS: g=17.02; (u-g)=0.12 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.58. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.76 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(113) J095045.71+3 02518.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				75.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(113) J095045.71+3 02518.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 Exp. 2 Unused Visibility = 1536 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 00 - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 00, implementation							Tue Aug 24 02:01:59 GMT 2010		
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(114)	J093602.10+200542.9	RA: 09 36 2.1000 (144.0087500d) Dec: +20 05 42.90 (20.09525d) Equinox: J2000	Redshift: 1.18	V=17.02+/-0.05 SDSS: g=17.02; (u-g)=0.10 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.68. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.86 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(114) J093602.10+2 00542.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRU M	(114) J093602.10+2 00542.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Virability = 1460 Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 0P - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0P, implementation								Tue Aug 24 02:01:59 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(115)	J122222.55+041315.7	RA: 12 22 22.5500 (185.5939583d) Dec: +04 13 15.70 (4.22103d) Equinox: J2000		Redshift: 0.965		V=17.04+/-0.05 SDSS: g=17.04; (u-g)=0.26 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328112. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 18.09. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.27 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(115) J122222.55+0 41315.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				145.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 332 cts/sec; Local = 0.1358 cts/sec/pixel.									
Exposures	2	SPECTRU M	(115) J122222.55+0 41315.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328758. Expected count rates for science spectrum: Global = 125 cts/sec; Local = 0.0030 cts/sec/pixel.									
	Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1355 Home Occultation Server Version: 20100505								

Proposal 12289 - Visit 0Q - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0Q, implementation								Tue Aug 24 02:02:00 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(116)	J124902.54+171454.9	RA: 12 49 2.5400 (192.2605833d) Dec: +17 14 54.90 (17.24858d) Equinox: J2000		Redshift: 0.839		V=17.04+/-0.05 SDSS: g=17.04; (u-g)=0.26 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.51. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.69 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(116) J124902.54+1 71454.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(116) J124902.54+1 71454.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1520 Home Occultation Exp. 2 Server Version: 20100505									

Proposal 12289 - Visit 0R - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0R, implementation										Tue Aug 24 02:02:00 GMT 2010									
	Diagnostic Status: No Diagnostics																			
	Scientific Instruments: COS/NUV, COS/FUV																			
	Special Requirements: (none)																			
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous				
	(117)	J125409.27+431511.8		RA: 12 54 9.2700 (193.5386250d) Dec: +43 15 11.80 (43.25328d) Equinox: J2000				Redshift: 0.929				V=17.05+/-0.05 SDSS: g=17.05; (u-g)=0.22 mag				Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328110. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.85. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.03 mag brighter than the present object.																			
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit		
	1	ACQUISITI ON	(117) J125409.27+4 31511.8	COS/NUV, ACQ/IMAGE, PSA				MIRRORB								120.0 Secs				
																	[==>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 335 cts/sec; Local = 0.1604 cts/sec/pixel.																			
Exposures	2	SPECTRU M	(117) J125409.27+4 31511.8	COS/FUV, TIME-TAG, PSA				G140L 1280 A		BUFFER-TIME=90 0; FLASH=YES						900.0 Secs				
																	[==>]		[1]	
	Comments: ETC science Simulation: COS.A328757. Expected count rates for science spectrum: Global = 132 cts/sec; Local = 0.0080 cts/sec/pixel.																			
Orbit Structure	Orbit 1 Exp. 1 Exp. 2 Unused Visibility = 1512 Home Occultation Server Version: 20100505																			

Proposal 12289 - Visit 0S - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0S, implementation										Tue Aug 24 02:02:00 GMT 2010	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/NUV, COS/FUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(118)	J225541.64+145715.9	RA: 22 55 41.6400 (343.9235000d) Dec: +14 57 15.90 (14.95442d) Equinox: J2000		Redshift: 0.807		V=17.05+/-0.05 SDSS: g=17.05; (u-g)=0.25 mag		Reference Frame: ICRS			
	Comments: ETC ACQ Simulation: COS.A328110. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.95. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.13 mag brighter than the present object.											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit	
	1	ACQUISITI ON	(118) J225541.64+1 45715.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				125.0 Secs			
									[==>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 335 cts/sec; Local = 0.1604 cts/sec/pixel.											
	2	SPECTRU M	(118) J225541.64+1 45715.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs			
									[==>]		[1]	
Comments: ETC science Simulation: COS.A328757. Expected count rates for science spectrum: Global = 132 cts/sec; Local = 0.0080 cts/sec/pixel.												
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1406 Home Occultation Server Version: 20100505											
	05001000150020002500300035004000450050005500sec											

Proposal 12289 - Visit 0T - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0T, implementation										Tue Aug 24 02:02:00 GMT 2010
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(119)	J130203.08+265809.1	RA: 13 02 3.0800 (195.5128333d) Dec: +26 58 9.10 (26.96919d) Equinox: J2000		Redshift: 0.994		V=17.11+/-0.05 SDSS: g=17.11; (u-g)=0.12 mag		Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.72. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.90 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	ACQUISITI ON	(119) J130203.08+2 65809.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				101.0 Secs [==>]	[1]	
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.										
	2	SPECTRU M	(119) J130203.08+2 65809.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]	
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.											
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1466 Home Occultation Server Version: 20100505										

Proposal 12289 - Visit 0U - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0U, implementation								Tue Aug 24 02:02:00 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(120)	J141159.73+423950.3	RA: 14 11 59.7300 (212.9988750d) Dec: +42 39 50.30 (42.66397d) Equinox: J2000		Redshift: 0.886		V=17.05+/-0.05 SDSS: g=17.05; (u-g)=0.16 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.61. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.79 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(120) J141159.73+4 23950.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRU M	(120) J141159.73+4 23950.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1552 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 0V - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0V, implementation								Tue Aug 24 02:02:00 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(121)	J084141.66+405237.7	RA: 08 41 41.6600 (130.4235833d) Dec: +40 52 37.70 (40.87714d) Equinox: J2000	Redshift: 0.765	V=17.05+/-0.05 SDSS: g=17.05; (u-g)=0.38 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328110. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.93. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.11 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(121) J084141.66+4 05237.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				124.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 335 cts/sec; Local = 0.1604 cts/sec/pixel.									
	2	SPECTRU M	(121) J084141.66+4 05237.7	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328757. Expected count rates for science spectrum: Global = 132 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1504 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 0W - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0W, implementation								Tue Aug 24 02:02:00 GMT 2010		
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(122)	J075222.91+273823.1	RA: 07 52 22.9100 (118.0954583d) Dec: +27 38 23.10 (27.63975d) Equinox: J2000		Redshift: 1.056		V=17.05+/-0.05 SDSS: g=17.05; (u-g)=0.19 mag		Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.62. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.80 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	ACQUISITI ON	(122) J075222.91+2 73823.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs		
									[==>]		[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.										
Exposures	2	SPECTRU M	(122) J075222.91+2 73823.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs		
									[==>]		[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
	Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Virability = 1468 Home Oscillation Server Version: 20100505									

Proposal 12289 - Visit 0X - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0X, implementation										Tue Aug 24 02:02:01 GMT 2010									
	Diagnostic Status: No Diagnostics																			
	Scientific Instruments: COS/NUV, COS/FUV																			
	Special Requirements: (none)																			
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous				
	(123)	J143920.58+371202.8		RA: 14 39 20.5800 (219.8357500d) Dec: +37 12 2.80 (37.20078d) Equinox: J2000				Redshift: 1.026				V=17.06+/-0.05 SDSS: g=17.06; (u-g)=0.26 mag				Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.69. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.87 mag brighter than the present object.																			
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit		
	1	ACQUISITI ON	(123) J143920.58+3 71202.8	COS/NUV, ACQ/IMAGE, PSA				MIRRORB								100.0 Secs				
																	[>=>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.																			
Exposures	2	SPECTRU M	(123) J143920.58+3 71202.8	COS/FUV, TIME-TAG, PSA				G140L 1280 A		BUFFER-TIME=90 0; FLASH=YES						900.0 Secs				
																	[>=>]		[1]	
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.																			
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1512 Home Occultation Server Version: 20100505																			

Proposal 12289 - Visit 0Y - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0Y, implementation					Tue Aug 24 02:02:01 GMT 2010					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(124)	J140819.59+603617.9	RA: 14 08 19.5900 (212.0816250d) Dec: +60 36 17.90 (60.60497d) Equinox: J2000	Redshift: 0.8	V=17.06+/-0.05 SDSS: g=17.06; (u-g)=0.54 mag	Reference Frame: ICRS					
	Comments: ETC ACQ Simulation: COS.A328112. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 18.03. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.21 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	ACQUISITI ON	(124) J140819.59+6 03617.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				145.0 Secs [==>]	[1]	
	Comments: Expected count rates for imaging acquisition: Global = 332 cts/sec; Local = 0.1358 cts/sec/pixel.										
	2	SPECTRU M	(124) J140819.59+6 03617.9	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]	
Comments: ETC science Simulation: COS.A328758. Expected count rates for science spectrum: Global = 125 cts/sec; Local = 0.0030 cts/sec/pixel.											
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1637 Home Occultation										Server Version: 20100505

Proposal 12289 - Visit 0Z - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 0Z, implementation						Tue Aug 24 02:02:02 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(125)	J132742.36+093633.3	RA: 13 27 42.3600 (201.9265000d) Dec: +09 36 33.30 (9.60925d) Equinox: J2000	Redshift: 0.771	V=17.06+/-0.05 SDSS: g=17.06; (u-g)=0.23 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.43. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.61 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(125) J132742.36+0 93633.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(125) J132742.36+0 93633.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1513 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 1A - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1A, implementation								Tue Aug 24 02:02:02 GMT 2010		
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(126)	J120251.44+160716.1	RA: 12 02 51.4400 (180.714333d) Dec: +16 07 16.10 (16.12114d) Equinox: J2000		Redshift: 0.927		V=17.07+/-0.05 SDSS: g=17.07; (u-g)=0.38 mag		Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328110. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.89. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.07 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]		Orbit
	1	ACQUISITI ON	(126) J120251.44+1 60716.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs		
									[==>]		[1]
	Comments: Expected count rates for imaging acquisition: Global = 335 cts/sec; Local = 0.1604 cts/sec/pixel.										
	2	SPECTRU M	(126) J120251.44+1 60716.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs		
									[==>]		[1]
Comments: ETC science Simulation: COS.A328757. Expected count rates for science spectrum: Global = 132 cts/sec; Local = 0.0080 cts/sec/pixel.											
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1420 Home Occultation Exp. 2										
	Server Version: 20100505										

Orbit 1

Exp. 1

GS Acq

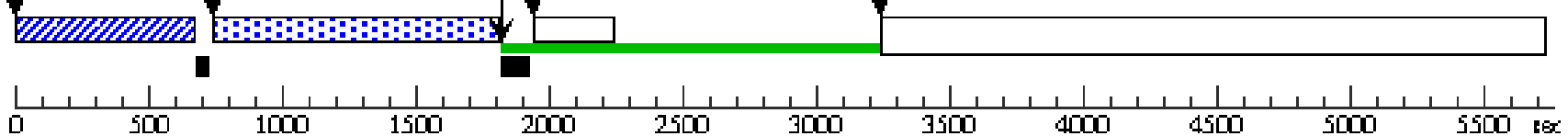
Exp. 2

Unused Visibility = 1420

Home

Consultation

Server Version: 20100505



Proposal 12289 - Visit 1B - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1B, implementation								Tue Aug 24 02:02:02 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(127)	J090603.64+194142.2	RA: 09 06 3.6400 (136.5151667d) Dec: +19 41 42.20 (19.69506d) Equinox: J2000		Redshift: 1.205		V=17.07+/-0.05 SDSS: g=17.07; (u-g)=0.24 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328112. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 18.06. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.23 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(127) J090603.64+1 94142.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				145.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 332 cts/sec; Local = 0.1358 cts/sec/pixel.									
	2	SPECTRU M	(127) J090603.64+1 94142.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328758. Expected count rates for science spectrum: Global = 125 cts/sec; Local = 0.0030 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1370 Home Observation									
	Server Version: 20100505									

Proposal 12289 - Visit 1C - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1C, implementation						Tue Aug 24 02:02:02 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(128)	J225350.09+140210.3	RA: 22 53 50.0900 (343.4587083d) Dec: +14 02 10.30 (14.03619d) Equinox: J2000	Redshift: 0.863	V=17.08+/-0.05 SDSS: g=17.08; (u-g)=0.33 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.59. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.77 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(128) J225350.09+1 40210.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				76.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(128) J225350.09+1 40210.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 Exp. 2 Unused Visibility = 1504 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 1D - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1D, implementation						Tue Aug 24 02:02:02 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(129)	J103347.31+094039.0	RA: 10 33 47.3100 (158.4471250d) Dec: +09 40 39.00 (9.67750d) Equinox: J2000	Redshift: 1.028	V=17.08+/-0.05 SDSS: g=17.08; (u-g)=0.15 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.66. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.84 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(129) J103347.31+0 94039.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRU M	(129) J103347.31+0 94039.0	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1453 Home Occultation Exp. 2									
	Server Version: 20100505									

Proposal 12289 - Visit 1E - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1E, implementation								Tue Aug 24 02:02:02 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(130)	J143621.29+072720.8	RA: 14 36 21.2900 (219.0887083d) Dec: +07 27 20.80 (7.45578d) Equinox: J2000		Redshift: 0.888		V=17.11+/-0.05 SDSS: g=17.11; (u-g)=0.23 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.65. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.83 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(130) J143621.29+0 72720.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRU M	(130) J143621.29+0 72720.8	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Server Version: 20100505									

Proposal 12289 - Visit 1F - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1F, implementation								Tue Aug 24 02:02:02 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(131)	J100502.34+465927.3	RA: 10 05 2.3400 (151.2597500d) Dec: +46 59 27.30 (46.99092d) Equinox: J2000		Redshift: 0.954		V=17.08+/-0.05 SDSS: g=17.08; (u-g)=0.06 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.48. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.66 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(131) J100502.34+4 65927.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(131) J100502.34+4 65927.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1662 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 1G - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1G, implementation										Tue Aug 24 02:02:02 GMT 2010									
	Diagnostic Status: No Diagnostics																			
	Scientific Instruments: COS/NUV, COS/FUV																			
	Special Requirements: (none)																			
Fixed Targets	#	Name		Target Coordinates				Targ. Coord. Corrections				Fluxes				Miscellaneous				
	(132)	J153546.29+391931.2		RA: 15 35 46.2900 (233.9428750d) Dec: +39 19 31.20 (39.32533d) Equinox: J2000				Redshift: 0.885				V=17.08+/-0.05 SDSS: g=17.08; (u-g)=0.38 mag				Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.43. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.61 mag brighter than the present object.																			
Exposures	#	Label	Target	Config,Mode,Aperture				Spectral Els.		Opt. Params.		Special Reqs.		Groups		Exp. Time/[Actual Dur.]		Orbit		
	1	ACQUISITION	(132) J153546.29+391931.2	COS/NUV, ACQ/IMAGE, PSA				MIRRORB								70.0 Secs				
																	[>=>]		[1]	
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.																			
Exposures	2	SPECTRUM	(132) J153546.29+391931.2	COS/FUV, TIME-TAG, PSA				G140L 1280 A		BUFFER-TIME=90 0; FLASH=YES						900.0 Secs				
																	[>=>]		[1]	
	Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.																			
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1572 Home Occultation Server Version: 20100505																			

Proposal 12289 - Visit 1H - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1H, implementation						Tue Aug 24 02:02:03 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(133)	J214937.85+120546.1	RA: 21 49 37.8500 (327.4077083d) Dec: +12 05 46.10 (12.09614d) Equinox: J2000	Redshift: 0.796	V=17.09+/-0.05 SDSS: g=17.09; (u-g)=0.45 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328110. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.89. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.07 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(133) J214937.85+1 20546.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				120.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 335 cts/sec; Local = 0.1604 cts/sec/pixel.									
	2	SPECTRU M	(133) J214937.85+1 20546.1	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328757. Expected count rates for science spectrum: Global = 132 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1416 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 1I - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1I, implementation						Tue Aug 24 02:02:03 GMT 2010			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(134)	J033001.64-071828.5	RA: 03 30 1.6400 (52.5068333d) Dec: -07 18 28.50 (-7.30792d) Equinox: J2000	Redshift: 1.248	V=17.09+/-0.05 SDSS: g=17.09; (u-g)=-0.0 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.73. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.91 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(134) J033001.64-071828.5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				102.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRU M	(134) J033001.64-071828.5	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1449 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 1J - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1J, implementation								Tue Aug 24 02:02:03 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(135)	J130635.93+220642.4	RA: 13 06 35.9300 (196.6497083d) Dec: +22 06 42.40 (22.11178d) Equinox: J2000	Redshift: 0.88	V=17.1+/-0.05 SDSS: g=17.10; (u-g)=0.05 mag	Reference Frame: ICRS				
Comments: ETC ACQ Simulation: COS.A328112. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 18.05. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.23 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(135) J130635.93+2 20642.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				145.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 332 cts/sec; Local = 0.1358 cts/sec/pixel.									
2	SPECTRU M	(135) J130635.93+2 20642.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES				900.0 Secs	
									[==>]	[1]
Comments: ETC science Simulation: COS.A328758. Expected count rates for science spectrum: Global = 125 cts/sec; Local = 0.0030 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1370 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 1K - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1K, implementation								Tue Aug 24 02:02:03 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(136)	J034135.63-004032.2	RA: 03 41 35.6300 (55.3984583d) Dec: -00 40 32.20 (-.67561d) Equinox: J2000		Redshift: 1.186		V=17.1+/-0.05 SDSS: g=17.10; (u-g)=0.16 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux estimated using Trammell+ (2007) mean colors, (NUV-u)=+0.65 and (NUV-g)=+0.45. We adopt the brightest of the (NUV-u) and (NUV-g) derived results for safety reasons: m(NUV) = 17.69. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.87 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(136) J034135.63-004032.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs [==>]	 [1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
	2	SPECTRU M	(136) J034135.63-004032.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	 [1]
Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 Exp. 2 Unused Virability = 1445 Home Occultation Server Version: 20100505									

Proposal 12289 - Visit 1L - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1L, implementation								Tue Aug 24 02:02:03 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(137)	J075514.58+230607.2	RA: 07 55 14.5800 (118.8107500d) Dec: +23 06 7.20 (23.10200d) Equinox: J2000	Redshift: 0.855	V=17.1+/-0.05 SDSS: g=17.10; (u-g)=0.20 mag	Reference Frame: ICRS				
	Comments: ETC ACQ Simulation: COS.A328112. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 18.07. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 2.25 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(137) J075514.58+2 30607.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				145.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 332 cts/sec; Local = 0.1358 cts/sec/pixel.									
	2	SPECTRU M	(137) J075514.58+2 30607.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328758. Expected count rates for science spectrum: Global = 125 cts/sec; Local = 0.0030 cts/sec/pixel.									
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1370 Home Occultation									
	Server Version: 20100505									

Proposal 12289 - Visit 1M - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

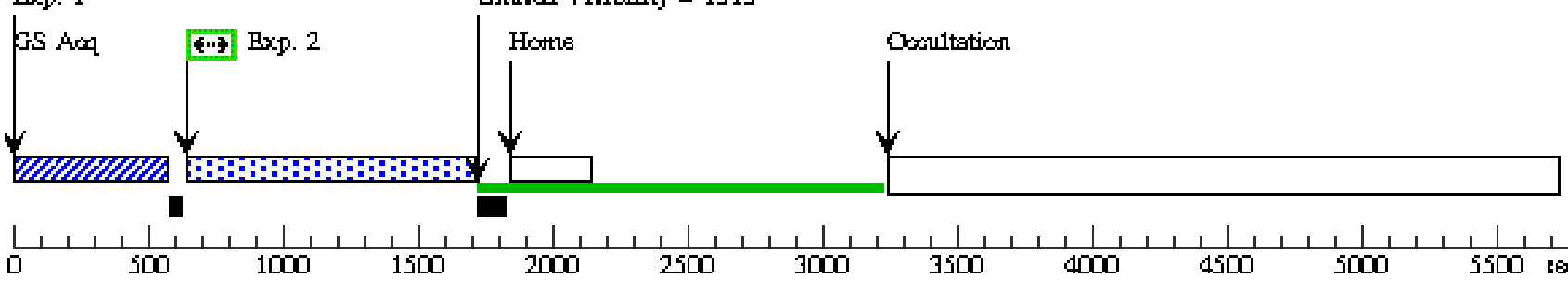
Visit	Proposal 12289, Visit 1M, implementation										Tue Aug 24 02:02:03 GMT 2010
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, COS/FUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(138)	J100906.35+023555.3	RA: 10 09 6.3500 (152.2764583d) Dec: +02 35 55.30 (2.59869d) Equinox: J2000		Redshift: 1.099		V=17.11+/-0.05 SDSS: g=17.11; (u-g)=0.11 mag		Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328027. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.39. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.57 mag brighter than the present object.										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit	
	1	ACQUISITI ON	(138) J100906.35+0 23555.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				65.0 Secs [==>]	[1]	
	Comments: Expected count rates for imaging acquisition: Global = 357 cts/sec; Local = 0.3456 cts/sec/pixel.										
	2	SPECTRU M	(138) J100906.35+0 23555.3	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]	
Comments: ETC science Simulation: COS.A328785. Expected count rates for science spectrum: Global = 163 cts/sec; Local = 0.0090 cts/sec/pixel.											
Orbit Structure	Orbit 1 Exp. 1 GS Acq Exp. 2 Unused Visibility = 1515 Home Occultation										Server Version: 20100505

Proposal 12289 - Visit 1N - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Visit	Proposal 12289, Visit 1N, implementation								Tue Aug 24 02:02:03 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(139)	J130631.63+435100.4	RA: 13 06 31.6300 (196.6317917d) Dec: +43 51 0.40 (43.85011d) Equinox: J2000		Redshift: 0.754		V=17.11+/-0.05 SDSS: g=17.11; (u-g)=0.24 mag	Reference Frame: ICRS		
	Comments: ETC ACQ Simulation: COS.A328111. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.66. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.84 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(139) J130631.63+4 35100.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				100.0 Secs	
									[==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 340 cts/sec; Local = 0.1975 cts/sec/pixel.									
Exposures	2	SPECTRU M	(139) J130631.63+4 35100.4	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs	
									[==>]	[1]
	Comments: ETC science Simulation: COS.A328788. Expected count rates for science spectrum: Global = 140 cts/sec; Local = 0.0080 cts/sec/pixel.									
	Orbit Structure	Orbit 1 GS Acq Exp. 1 Exp. 2 Unused Visibility = 1552 Home Occultation Server Version: 20100505								

Proposal 12289 - Visit 1O - A COS Snapshot Survey for $z < 1.25$ Lyman Limit Systems

Tue Aug 24 02:02:04 GMT 2010

Visit	Proposal 12289, Visit 10, implementation								Tue Aug 24 02:02:04 GMT 2010	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/NUV, COS/FUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(140)	J223817.26-093859.2	RA: 22 38 17.2600 (339.5719167d) Dec: -09 38 59.20 (-9.64978d) Equinox: J2000		Redshift: 0.844		V=17.11+/-0.05 SDSS: g=17.11; (u-g)=0.33 mag		Reference Frame: ICRS	
	Comments: ETC ACQ Simulation: COS.A328025. This ACQ uses MIRRORB. NUV flux from GALEX observations. GALEX NUV magnitude: m(NUV) = 17.43. This object represents no threat to instrument safety even if it brightens by a magnitude or more. ETC calculation COS.A328474 assumes a z=1.0 QSO with m(NUV) = 14.8, a full magnitude brighter than the brightest object in our sample. It shows no threat to the detector from even this brightest object, which is 1.61 mag brighter than the present object.									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time/[Actual Dur.]	Orbit
	1	ACQUISITI ON	(140) J223817.26-093859.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				70.0 Secs [==>]	[1]
	Comments: Expected count rates for imaging acquisition: Global = 350 cts/sec; Local = 0.2839 cts/sec/pixel.									
	2	SPECTRU M	(140) J223817.26-093859.2	COS/FUV, TIME-TAG, PSA	G140L 1280 A	BUFFER-TIME=90 0; FLASH=YES			900.0 Secs [==>]	[1]
Comments: ETC science Simulation: COS.A328787. Expected count rates for science spectrum: Global = 150 cts/sec; Local = 0.0080 cts/sec/pixel.										
Orbit Structure	Orbit 1 Exp. 1 GS Acq Unused Visibility = 1513 Home Occultation Exp. 2 									
	Server Version: 20100505									