



16196 - Mapping Gas Flows in AGNs by Reverberation

Cycle: 28, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

Proposal 16196 (STScI Edit Number: 13, Created: Wednesday, January 12, 2022 at 1:05:43 PM Eastern Standard Time) - Overview

<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) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:00:54.0	yes
02	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:00:56.0	yes
03	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:00:57.0	yes
04	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:00:58.0	yes
05	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:00.0	yes
06	(1) MRK-817 CCDFLAT	COS/FUV COS/NUV STIS/CCD STIS/NUV-MAMA	2	12-Jan-2022 13:01:02.0	yes
07	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:05.0	yes
08	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:06.0	yes
09	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:07.0	yes
10	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:09.0	yes
11	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:10.0	yes
12	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:11.0	yes
13	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:12.0	yes

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14	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:14.0	yes
15	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:15.0	yes
16	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:17.0	yes
17	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:18.0	yes
18	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:19.0	yes
19	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:20.0	yes
20	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:22.0	yes
21	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:23.0	yes
22	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:24.0	yes
23	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:26.0	yes
24	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:27.0	yes
25	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:28.0	yes
26	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:30.0	yes
27	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:31.0	yes

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28	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:32.0	yes
29	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:33.0	yes
30	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:35.0	yes
31	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:36.0	yes
32	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:38.0	yes
33	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:39.0	yes
34	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:40.0	yes
35	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:41.0	yes
36	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:43.0	yes
37	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:44.0	yes
38	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:45.0	yes
39	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:47.0	yes
40	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:48.0	yes
41	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:49.0	yes

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42	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:51.0	yes
43	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:52.0	yes
44	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:53.0	yes
45	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:55.0	yes
46	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:56.0	yes
47	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:58.0	yes
48	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:01:59.0	yes
49	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:00.0	yes
50	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:01.0	yes
51	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:03.0	yes
52	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:04.0	yes
53	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:04.0	yes
56	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:05.0	yes
57	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:06.0	yes

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59	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:07.0	yes
60	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:08.0	yes
61	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:10.0	yes
62	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:11.0	yes
63	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:12.0	yes
64	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:13.0	yes
65	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:15.0	yes
66	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:16.0	yes
67	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:18.0	yes
68	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:19.0	yes
69	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:20.0	yes
70	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:21.0	yes
71	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:23.0	yes
72	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:24.0	yes

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73	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:26.0	yes
74	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:27.0	yes
75	(1) MRK-817 CCDFLAT	COS/FUV COS/NUV STIS/CCD STIS/NUV-MAMA	3	12-Jan-2022 13:02:30.0	yes
77	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:32.0	yes
78	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:32.0	yes
80	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:33.0	yes
81	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:34.0	yes
82	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:35.0	yes
83	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:36.0	yes
84	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:37.0	yes
85	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:38.0	yes
86	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:40.0	yes
87	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:41.0	yes

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88	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:43.0	yes
89	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:44.0	yes
90	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:45.0	yes
91	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:47.0	yes
92	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:48.0	yes
93	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:49.0	yes
94	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:50.0	yes
95	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:51.0	yes
96	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:52.0	yes
97	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:52.0	yes
99	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:54.0	yes
0A	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:55.0	yes
0B	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:56.0	yes
0C	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:57.0	yes

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0D	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:02:59.0	yes
0E	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:00.0	yes
3P	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:02.0	yes
0F	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:03.0	yes
3Q	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:04.0	yes
0G	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:06.0	yes
3R	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:07.0	yes
0H	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:08.0	yes
3S	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:10.0	yes
0I	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:11.0	yes
0J	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:12.0	yes
0K	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:14.0	yes
0L	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:15.0	yes
0M	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:16.0	yes

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0N	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:18.0	yes
0O	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:19.0	yes
0P	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:21.0	yes
0Q	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:22.0	yes
0R	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:23.0	yes
0T	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:25.0	yes
0U	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:26.0	yes
0X	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:27.0	yes
0Y	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:28.0	yes
0Z	(1) MRK-817	COS/FUV COS/NUV	2	12-Jan-2022 13:03:29.0	yes
3O	(1) MRK-817 CCDFLAT	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	12-Jan-2022 13:03:31.0	yes
1A	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:33.0	yes
1B	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:34.0	yes

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1C	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:36.0	yes
1D	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:37.0	yes
1E	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:38.0	yes
1F	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:40.0	yes
1G	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:41.0	yes
1H	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:42.0	yes
1I	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:44.0	yes
1J	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:45.0	yes
1K	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:47.0	yes
1L	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:48.0	yes
1M	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:49.0	yes
1N	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:51.0	yes
1O	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:52.0	yes
1P	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:54.0	yes

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1Q	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:55.0	yes
1R	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:56.0	yes
1S	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:57.0	yes
1T	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:58.0	yes
1U	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:58.0	yes
1V	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:03:59.0	yes
1W	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:01.0	yes
1X	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:02.0	yes
1Y	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:03.0	yes
1Z	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:05.0	yes
2A	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:06.0	yes
2B	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:08.0	yes
2C	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:09.0	yes
2D	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:10.0	yes

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2E	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:12.0	yes
2F	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:13.0	yes
2G	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:15.0	yes
2H	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:16.0	yes
2I	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:17.0	yes
2J	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:19.0	yes
2K	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:20.0	yes
2L	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:21.0	yes
2M	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:23.0	yes
2N	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:24.0	yes
2O	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:26.0	yes
2P	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:27.0	yes
2Q	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:28.0	yes
2R	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:30.0	yes

Proposal 16196 (STScI Edit Number: 13, Created: Wednesday, January 12, 2022 at 1:05:43 PM Eastern Standard Time) - Overview

<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>
2S	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:32.0	yes
2T	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:33.0	yes
2U	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:34.0	yes
2V	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:36.0	yes
2W	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:37.0	yes
2X	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:39.0	yes
2Y	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:40.0	yes
2Z	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:41.0	yes
3A	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:43.0	yes
3B	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:44.0	yes
3C	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:46.0	yes
3D	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:47.0	yes
3E	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:48.0	yes
3F	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:50.0	yes

Proposal 16196 (STScI Edit Number: 13, Created: Wednesday, January 12, 2022 at 1:05:43 PM Eastern Standard Time) - Overview

<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>
3G	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:51.0	yes
3H	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:53.0	yes
3I	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:54.0	yes
3J	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:55.0	yes
3T	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:04:56.0	yes
3K	(1) MRK-817 CCDFLAT	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	12-Jan-2022 13:04:58.0	yes
3L	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:00.0	yes
3M	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:01.0	yes
3N	(1) MRK-817 CCDFLAT	COS/FUV COS/NUV STIS/CCD STIS/NUV-MAMA	3	12-Jan-2022 13:05:04.0	yes
3U	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:07.0	yes
3V	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:08.0	yes
3W	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:10.0	yes

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<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>
3X	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:11.0	yes
3Y	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:12.0	yes
3Z	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:14.0	yes
4A	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:15.0	yes
4B	(1) MRK-817 CCDFLAT	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	12-Jan-2022 13:05:17.0	yes
4C	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:18.0	yes
4D	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:19.0	yes
4E	(1) MRK-817	COS/FUV COS/NUV	1	12-Jan-2022 13:05:21.0	yes
4F	(1) MRK-817 CCDFLAT	STIS/CCD STIS/FUV-MAMA STIS/NUV-MAMA	2	12-Jan-2022 13:05:22.0	yes
S1	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:24.0	yes
S2	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:25.0	yes
S3	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:27.0	yes
S4	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:28.0	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>
S5	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:30.0	yes
S6	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:31.0	yes
S7	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:32.0	yes
S8	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:34.0	yes
S9	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:35.0	yes
SA	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:37.0	yes
SB	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:38.0	yes
SC	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:39.0	yes
SD	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:41.0	yes
SE	(2) WD0308-565	COS/FUV COS/NUV	1	12-Jan-2022 13:05:43.0	yes

224 Total Orbits Used

ABSTRACT

We propose to determine the location and kinematics of the high-ionization gas in the active galactic nucleus of Mrk 817 via broad emission-line reverberation mapping. Understanding the geometry and kinematics of the broad emission-line region is crucial (a) for identifying where disk winds are launched, (b) for identifying the driving mechanism, and (c) for understanding the radiative and kinetic outflows from nuclei that will allow us to assess the possible impact of AGN feedback on the host galaxy. Moreover, since the masses of the highest-redshift quasars are estimated based on scaling relationships involving the C IV 1549 emission line, the kinematics of the C IV line-emitting region must be known to assess the accuracy of

Proposal 16196 (STScI Edit Number: 13, Created: Wednesday, January 12, 2022 at 1:05:43 PM Eastern Standard Time) - Overview such determinations. We propose to obtain 180 COS spectra of Mrk 817, one orbit approximately every other day for a year. This program is modeled after a similar highly successful and high impact monitoring program on NGC 5548 with COS in Cycle 21. The primary science goal is to determine the geometry and kinematics of the C IV and Ly alpha emitting regions. Mrk 817 is a higher luminosity and higher Eddington ratio source than NGC 5548 and therefore likely to have a strong disk wind, although our line of sight to the nucleus is unabsorbed. The NGC 5548 program showed that X-ray data are of critical importance in understanding the ionizing spectrum so accompanying low-cadence Chandra monitoring is also requested. A secondary science goal is continuum reverberation, and our request includes five additional observations with STIS to resolve current ambiguities about the contribution of diffuse broad-line region emission to the continuum.

OBSERVING DESCRIPTION

Observing Description for Cycle 28 Proposal, 16196

The primary science goal of this proposal is to obtain a velocity resolved reverberation map of the broad line region (BLR) of the Seyfert 1 galaxy Mrk 817. Our secondary science goal is to use continuum reverberation mapping to understand the structure of the accretion disk around the central supermassive black hole. This program is very similar to GO-13330, a Cycle 21 (2014) monitoring program on the Seyfert 1 galaxy NGC 5548, and known as the Space Telescope and Optical Reverberation Mapping (STORM) program (De Rosa et al. 2015). The STORM program obtained COS spectra approximately daily for six months. The number of visits for GO-16196 is nearly the same, but as Mrk 817 is somewhat more luminous and therefore the relevant timescales are longer, the nominal cadence will be one COS spectrum every other day for approximately a year.

Data Quality Requirements: Spectral Coverage, Resolution, and Signal-to-Noise Ratios:

For HST/COS, obtaining suitable data (in terms of S/N and spectral resolution) in a single orbit on a bright target is not a challenge. We will use the G130M/1222 setting plus G160M/1533 and G160M/1577 to observe the 1100-1750 Å wavelength range in a single orbit covering all the emission features of interest at once (Ly alpha, NV, Si IV, CIV, and He II). Mrk 817 has been observed only four times in the FUV, twice with IUE, and twice with HST/COS, but it has been the target of successful ground-based RM campaigns (Peterson et al. 1998; Denney et al. 2010). These campaigns show optical continuum variability amplitudes of 5-14% (RMS, corrected for measurement errors) on timescales of weeks to months, comparable to NGC 5548. Also by analogy to NGC 5548, we expect the UV variability to be about twice as large (Korista et al. 1995). We base our ETC simulations (v28.2) on the archival IUE and HST spectra for which the median flux at 1397 Å in the FUV is $F(1397\text{Å}) = 4.3\text{e-}14 \text{ erg/s/cm}^2/\text{Å}$. In G130M, for an exposure time of 325 s, we obtain a $S/N=23$ per resolution element at the Ly alpha line peak, and $S/N = 10$ per resolution element in the continuum at 1360 Å. Similarly, in G160M, for an exposure time of 1069 s, we obtain $S/N=18$ per resolution element at the CIV line peak, and

S/N=10 per resolution element in the continuum at 1660 Å. Averaging the continuum fluxes over ~100 adjacent resolution elements achieves our goal of a statistical S/N=100, so that our errors are then dominated by the systematics of repeatability and calibration.

Mrk 817 is a bright AGN, so imaging target acquisitions with either MIRRORA or MIRRORB can result in unacceptably high count rates. However, spectroscopic target acquisitions take too long, leaving little time for science. We find that the best safe compromise is an imaging target acquisition using the Bright Object Aperture (BOA) on COS and MIRRORA. To allow for successful acquisition even if the target becomes fainter than usual, we plan our exposure time for the historical minimum flux of $1e-14$ erg/s/cm²/Å.

Mrk 817 has been observed safely with COS on multiple prior occasions. There are no bright objects in the field, and it never has reached a brightness close to the bright object limits for COS spectroscopic observations.

While the accuracy of the absolute flux we require is easily achieved with HST/COS, we need the flux estimates to be locally precise (stable and repeatable) to better than 2%. In the AGN STORM campaign, De Rosa et al. (2015) demonstrated improvements in the COS data reduction process that reached the required precision. To implement these improvements, first we will observe Mrk 817 using multiple FP-POS in order to mitigate fixed-pattern noise and to reduce the impact of the observations on the lifetime of the detector segments. Second, we will observe a standard star more often and to greater depth than usually done in the COS calibration plan. In terms of flux calibration, the COS reduction pipeline guarantees flux accuracy at the 5% level and a global precision of 2% (over large scales) for the FUV segment (1120--2000 Å). The COS flux sensitivity also varies with time. The time-dependent sensitivity (TDS) is currently monitored by obtaining a low S/N spectrum of a standard star (WD 0308-565) and tracking the variation in net counts binned over 20 Å. To obtain the required higher precision on smaller scales, we propose to observe WD 0308-565 approximately once per month (13 orbits to fully bracket the beginning and end of the campaign) at higher S/N. Since the COS calibration program visits WD 0308-565 every two months at the beginning of the month (using shorter exposures), we will plan our observations for the middle of the month. Target visibility and overheads allow for a total exposure time of 1150 s, which will yield S/N = 10 in the region of minimum throughput to obtain 13 independent sensitivity functions for each grating setting throughout the campaign. This S/N will also enable us to calibrate the wavelength scale using interstellar absorption lines. Combining the first-order TDS correction obtained monthly from the COS standard pipeline (particularly useful in case of drastic steepening of the depletion) with our additional observations will enable us to reach a local precision of 1.5%.

Program Duration: Because it is near the ecliptic pole, Mrk 817 is continuously visible to HST throughout the year. This allows for 180 visits at a cadence of approximately two days. Based on the prior campaign on NGC 5548, simulations, and patterns of continuum variability in Mrk 817 that are favorable for RM, this will meet our science requirements.

Impact of Data Losses: Because of the long duration of the proposed program, we also considered the possible impact of losses of data due to instrument or spacecraft safing events or guide-star acquisition failures. These occur frequently enough that we need to assess their impact. Based on the record for HST and COS in Cycles 17-27, we can expect that over the 360 days of the proposed campaign, there might be 4 or 5 spacecraft events that lose 3-4 days each and 3-4 COS events that lose 3 days. During AGN STORM, eight epochs were lost to safing events, consistent with these predictions. In the past two years, noisy gyros have led to an increase in guide star acquisition failures. Although there are prospects for improving performance, a current failure rate of 10% is possible.

In addition to these losses, we have identified 5 time windows where lack of visibility for the star trackers lead to a shortened orbital visibility before an OBAD can be completed. These gaps are

March 2-17, 2021 (16 days)

April 18-May 3 (16 days)

May 24-June 4 (12 days)

July 5-25 (21 days)

August 30-September 9 (11 days)

As documented in a white paper we submitted to the STScI Science Mission Office, we conducted a simulation based on the NGC 5548 AGN STORM data set (De Rosa et al. 2015) and show that the above gaps and an additional random loss of 10% of our visits have only a minor impact on the feasibility of our program. The simulations also allow us to assess the impact of early termination of our experiment due to a major failure. If a program were terminated at 100 visits, the probability that the data will yield a useful (but not a detailed) velocity delay map is ~50%. However, a program as short as 75 visits has a very low probability (~10%) of success.

To mitigate the impacts of the known gaps on our program, we will adopt two strategies. The first will be to extend our program beyond 360 days, using the orbits that cannot be scheduled in the gaps. (The total campaign length ends up being 370 days.) The second will be to shorten the gaps by scheduling visits in the middle of the gaps that are tailored to the shortened visibility available due to the late OBADs. By using two short orbits, with our G130M exposures in the first orbit and modified G160M exposures in the second, we can place observations so that the remaining gaps are no longer than 6 days. For these specially tailored visits, we will use the standard exposure times and all four FP-POS positions for G130M since this readily fits into a shortened orbit. However, our standard sequence for G160M with two central wavelength settings and two FP-POS positions each is still too long. To avoid losing S/N in these visits, we will use only one FP-POS position for each grating setting. While less than ideal, this still covers the gap between segments and the grid-wire shadow patterns. Any remaining flat-field anomalies can be readily identified in exposures from

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Finally, if guide-star acquisition failures are as high as 10% in the early part of our program, we ask that the TTRB permit us to add additional visits to the nominal end of our program to replace the unsuccessful visits. We note that the period from September 2021 through March 2022 is the longest gap-free scheduling period for our program, so extending into this time period is the very best mitigation strategy.

Other time-critical observations may also introduce gaps in the program. As noted above, we would prefer that none of these be any longer than 7-8 days, and, once they are known, that we be given the opportunity to move the orbit(s) from our program to visits that extend the end of the campaign. We would be happy to iterate with the LRP planning team to optimize scheduling of this program and others. For example, although ± 12 hour windows for scheduling visits is our baseline, we would be willing to consider ± 18 hour windows if necessary, as long as that does not result in an excessive number of closely spaced observations (time interval < 1 day) in our campaign.

Schedulability: There are no ORIENT restrictions for our target and it is continuously accessible throughout the year for 365 days on account of its high ecliptic latitude, aside from the gaps due to OBAD-shortened orbits mentioned above. Ideally, the observations should be made approximately two days apart, although this can be relaxed to accommodate other time-critical observations. We emphasize that evenly spaced intervals are not required, as long as the average of 2 days is maintained over the duration of the program. In fact, a 47-hour cadence that matches the sidereal period of the HST orbit precession is a good convergence between our desired sampling and scheduling practicalities. We allow for a ± 12 hour window for scheduling each visit, and, in fact, some variation in the visit intervals is beneficial since it allows us to sample a larger range of short timescale variations.

The continuous visibility allows great freedom in scheduling the start of the campaign. We note that due to the high declination, Mrk 817 is also visible to ground-based, northern-latitude observatories for most of the year, with only a 2-month gap from October through November. For coordinated coverage of H β and the optical continuum along with the UV emission lines, it is best if this gap occurs at the beginning of our campaign. Since the optical response lags the UV lines and continuum, optimal start dates are then in late November for the HST program, just before ground-based observations start in early December 2020. Examination of guide-star availability shows that only single guide stars are available from October 11, 2020, to November 23, 2020, so we favor starting the campaign no earlier than 24 November 2020 once two guide stars are available.

Although starting the campaign with two-guide-star availability is ideal, we note that at the end of the campaign in the fall of 2021 we can tolerate

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guiding on a single guide star. Our observations are short enough that roll is not critical, and COS transmission is not strongly dependent on precise centering, so the slight drift associated with single-guide-star guiding will not have a deleterious impact on our data quality. We can't specify the single-guide-star acquisition mode ourselves, so we have put comments on the visits likely to be affected by this issue for the PCs to handle at the appropriate time.

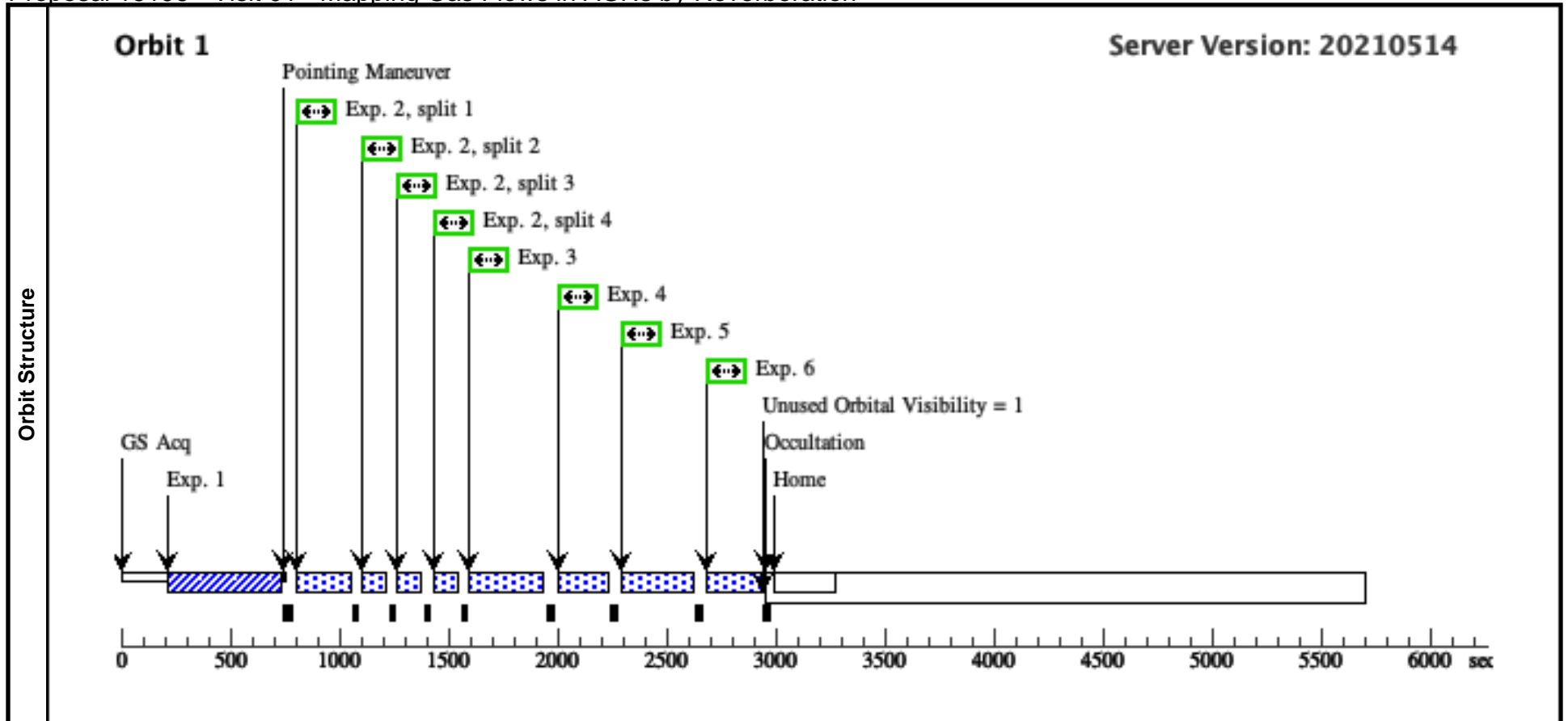
One-gyro Impacts. In the event of a necessary change to 1-gyro mode for HST, Mrk 817 is still visible year round. However, many more gaps in schedulability appear. We believe that we can still conduct a successful program in such circumstances since there are still long intervals of regular schedulability, and we can adopt the gap-mitigating strategies described above.

Requirements for Secondary Science Goal: The success of our secondary science, continuum RM, will depend critically on observations with Swift and ground-based telescopes. The role of HST is nevertheless crucial because of the leverage obtained by observing the shortest-wavelength continuum bands with COS. The most significant uncertainty in current continuum RM results is the role of diffuse emission from the BLR around the Balmer discontinuity with only the Swift photometry. We therefore will use five additional orbits to obtain low-resolution STIS spectra that will cover the entire NUV to NIR to unambiguously identify continuum contributions that are not accretion disk continuum. Each observation should immediately follow a COS observation to reduce acquisition time. The timing of the STIS observations is not critical, but they should be more-or-less evenly distributed throughout the campaign, i.e. the beginning, middle, and end of the campaign with two additional intermediate visits. These five visits will allow us to separate the constant and variable parts of the spectrum. This will also give us five "snapshots" of the CIII] 1909 and MgII 2798 emission lines, and any unexpected short NUV absorption.

Proposal 16196 - Visit 01 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:44 GMT 2022

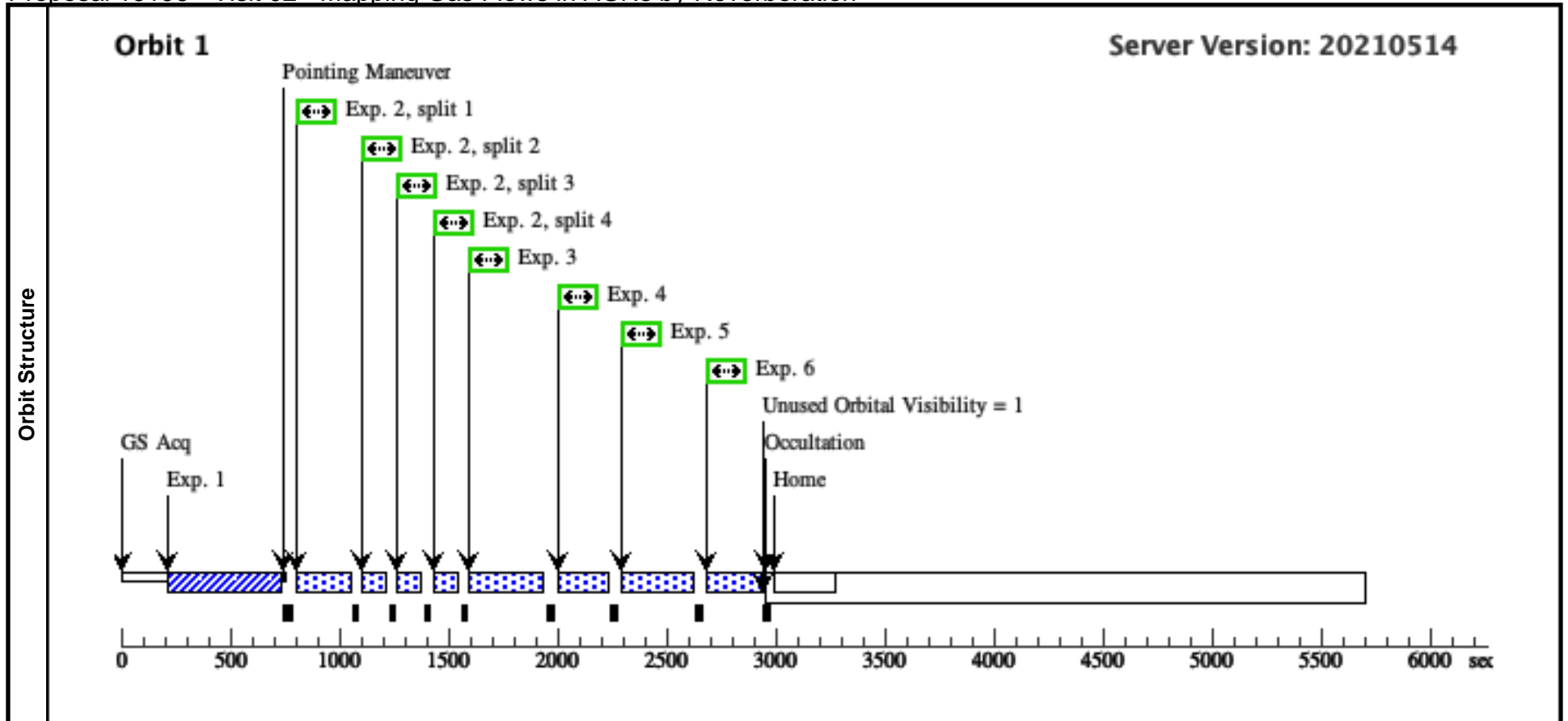
Visit	Proposal 16196, Visit 01, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 24-NOV-2020:00:00:00 AND 25-NOV-2020:00:00:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 02 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:44 GMT 2022

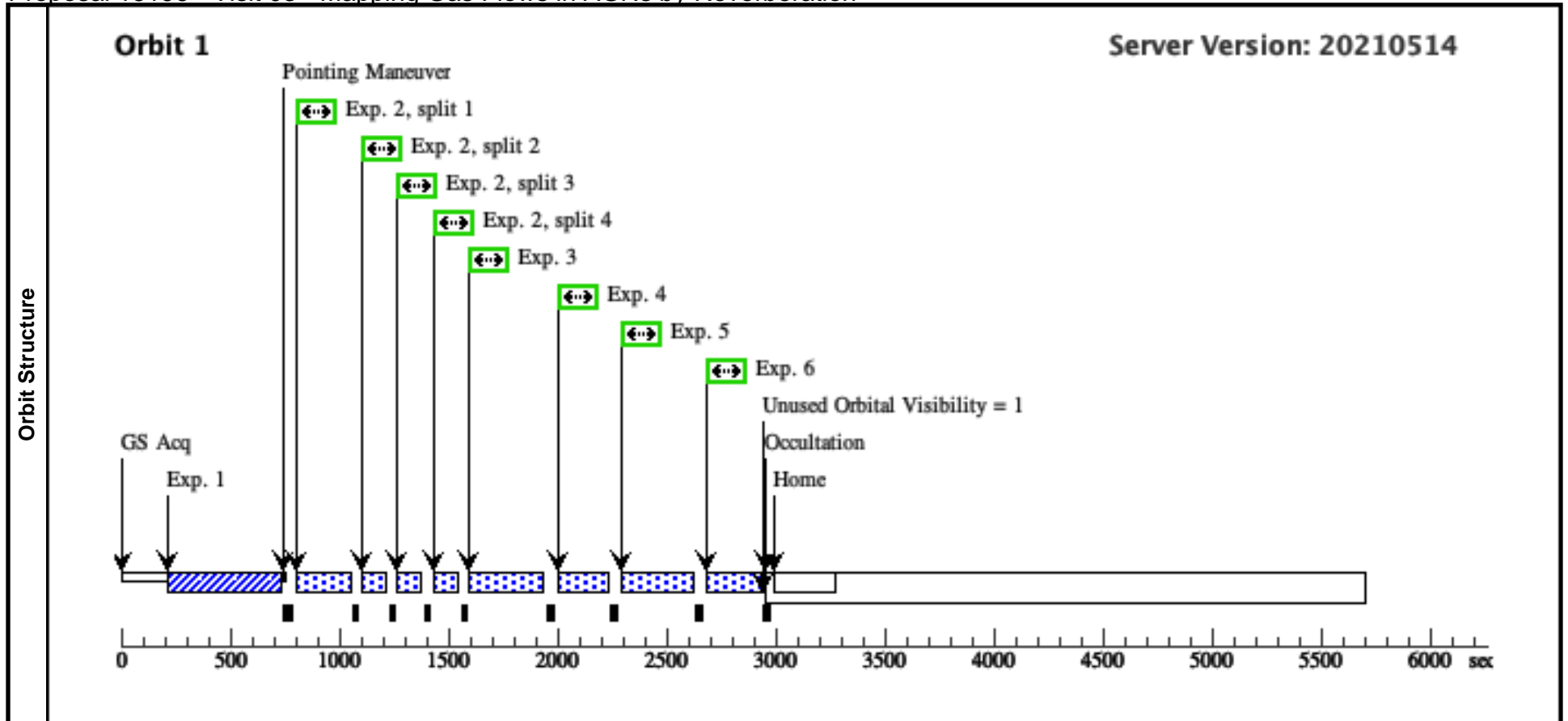
Visit	Proposal 16196, Visit 02, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 25-NOV-2020:23:02:32 AND 26-NOV-2020:23:02:32									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 03 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:44 GMT 2022

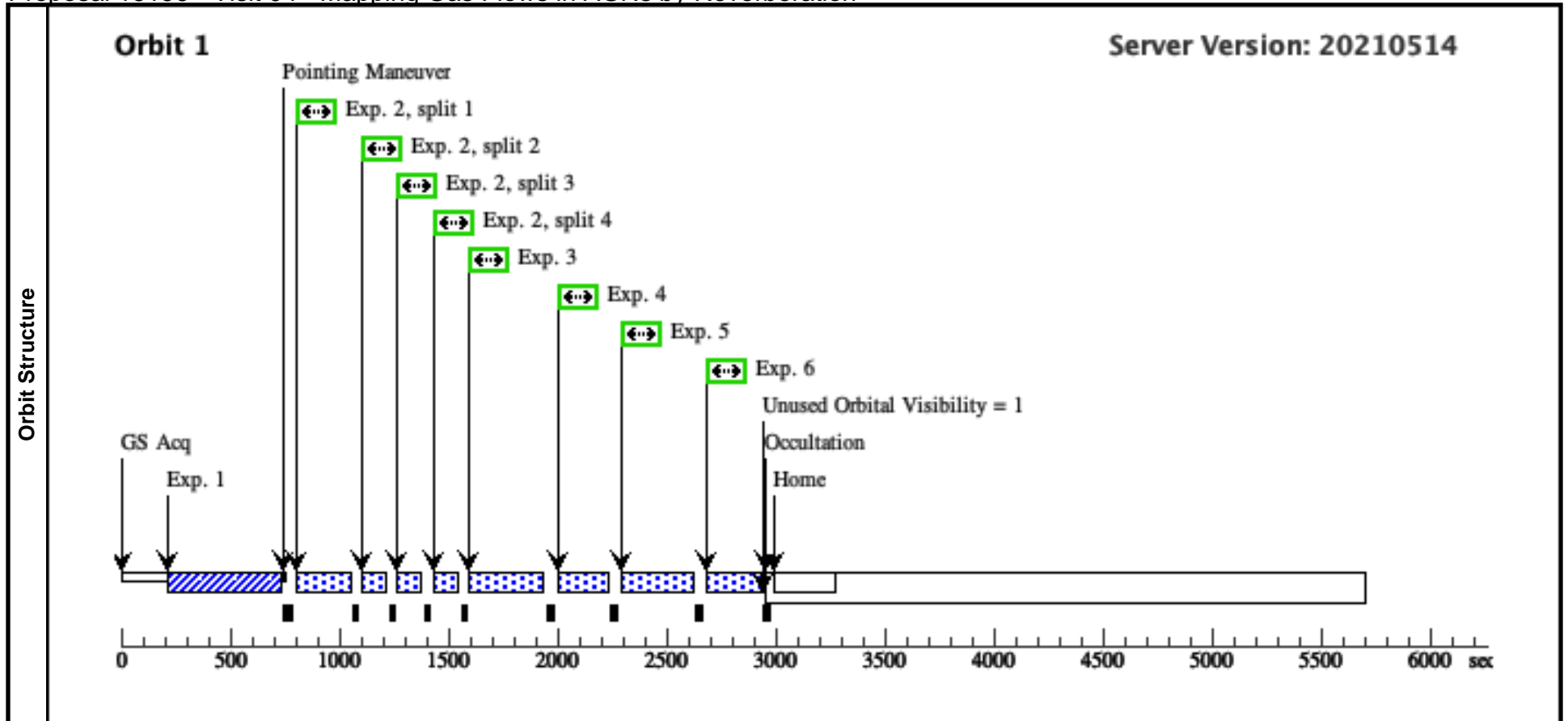
Visit	Proposal 16196, Visit 03, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 27-NOV-2020:22:05:05 AND 28-NOV-2020:22:05:05									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 04 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:44 GMT 2022

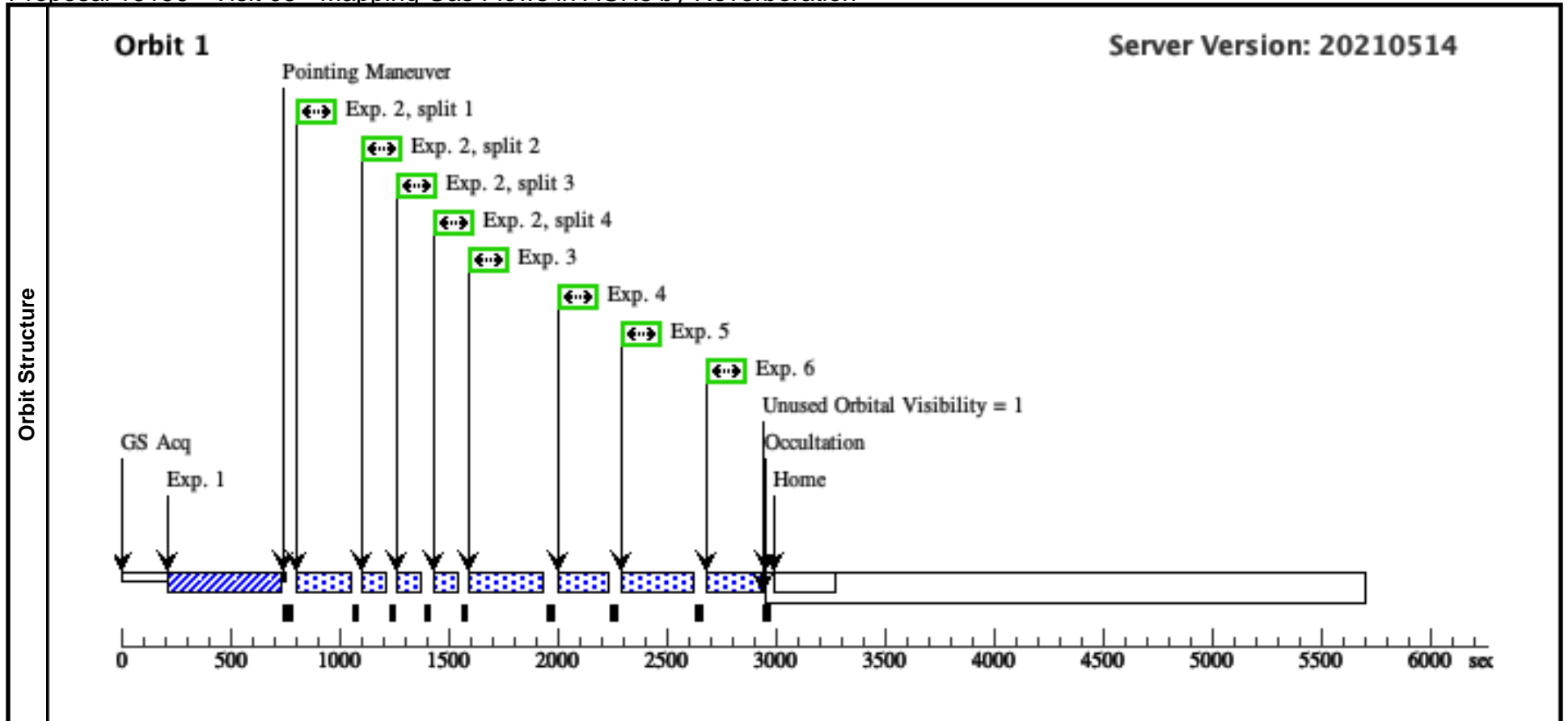
Visit	Proposal 16196, Visit 04, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 29-NOV-2020:21:07:37 AND 30-NOV-2020:21:07:37									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 05 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:44 GMT 2022

Visit	Proposal 16196, Visit 05, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 01-DEC-2020:20:10:10 AND 02-DEC-2020:20:10:10																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																								
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																																																																								
<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>																																																																																	
2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																								
3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																																																																								
4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																								
5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																								
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																								



Proposal 16196 - COS+STIS (06) - Mapping Gas Flows in AGNs by Reverberation

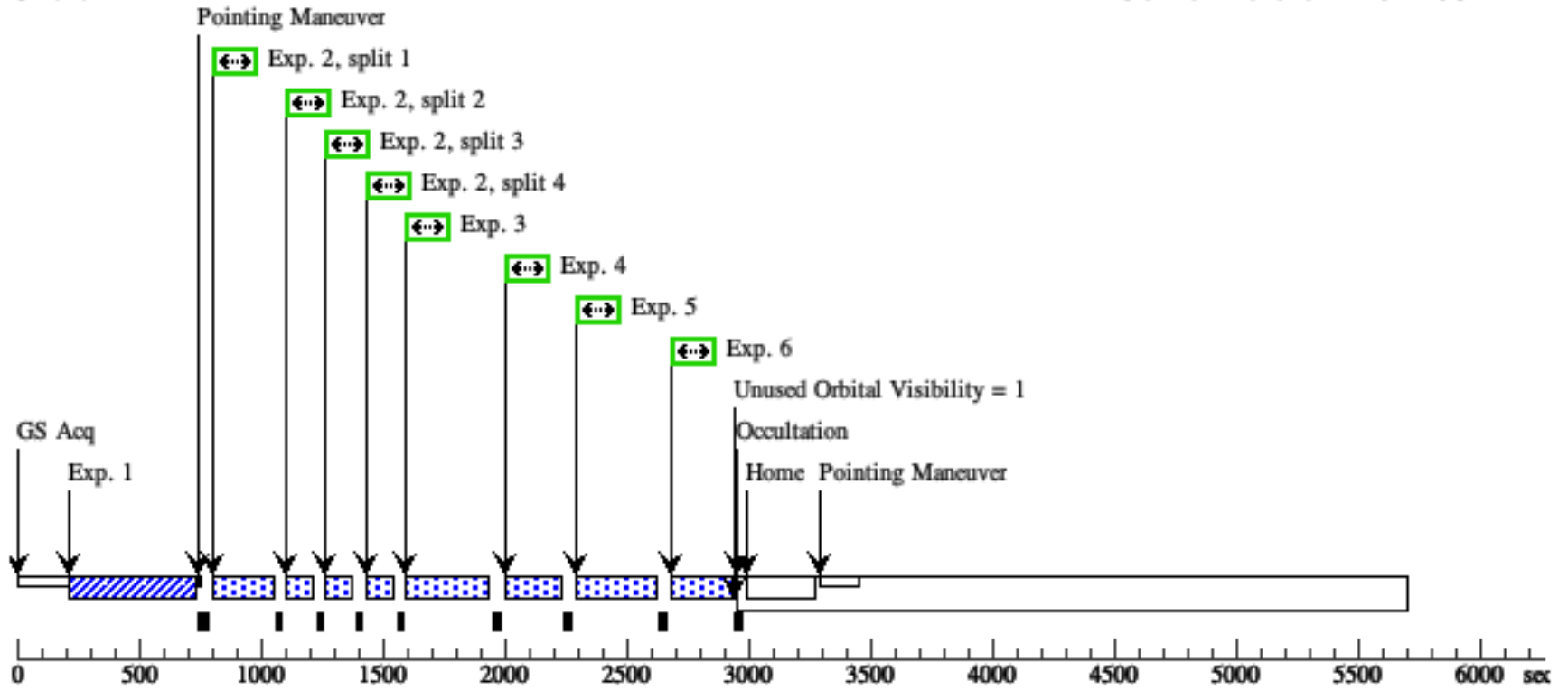
Visit	Proposal 16196, COS+STIS (06), completed Wed Jan 12 18:05:44 GMT 2022 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 03-DEC-2020:19:12:43 AND 04-DEC-2020:19:12:43					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
(1)		Pattern Type=STIS-ALONG-SLIT Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90.0 Number Of Points=3 Angle Between Sides= Point Spacing=0.5 Center Pattern=false Line Spacing=		(9), (10)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO						

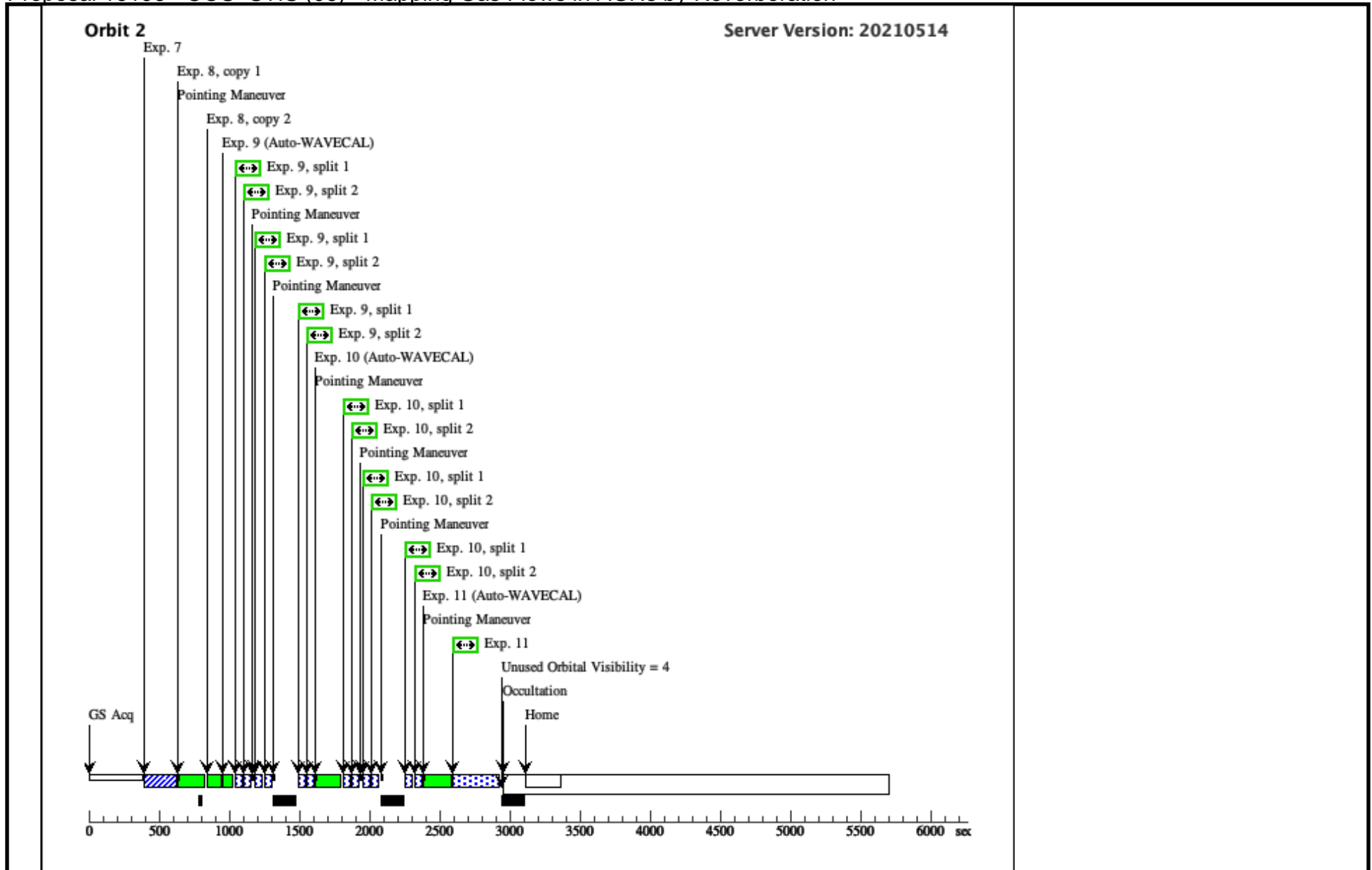
Proposal 16196 - COS+STIS (06) - Mapping Gas Flows in AGNs by Reverberation

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(COS.ta.144 (1) MRK-817 6747)	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>								
	2	(COS.sp.144 (1) MRK-817 4848)	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 (1) MRK-817 4849)	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 (1) MRK-817 4849)	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 (1) MRK-817 4850)	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 (1) MRK-817 4850)	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
	7	(STIS.ta.147 (1) MRK-817 0331)	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) [==>]	[2]
	8		CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[2]
	9	(STIS.sp.14 (1) MRK-817 46706)	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 1, Exps 9-9 in COS+STIS (06) (1)	30 Secs (90 Secs) [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[2]
	10	(STIS.sp.14 (1) MRK-817 46705)	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	CR-SPLIT=2		Pattern 1, Exps 10-10 in COS+STIS (06) (1)	30 Secs (90 Secs) [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[2]
11	(STIS.sp.14 (1) MRK-817 46702)	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				320 Secs (320 Secs) [==>]	[2]	

Orbit Structure

Orbit 1

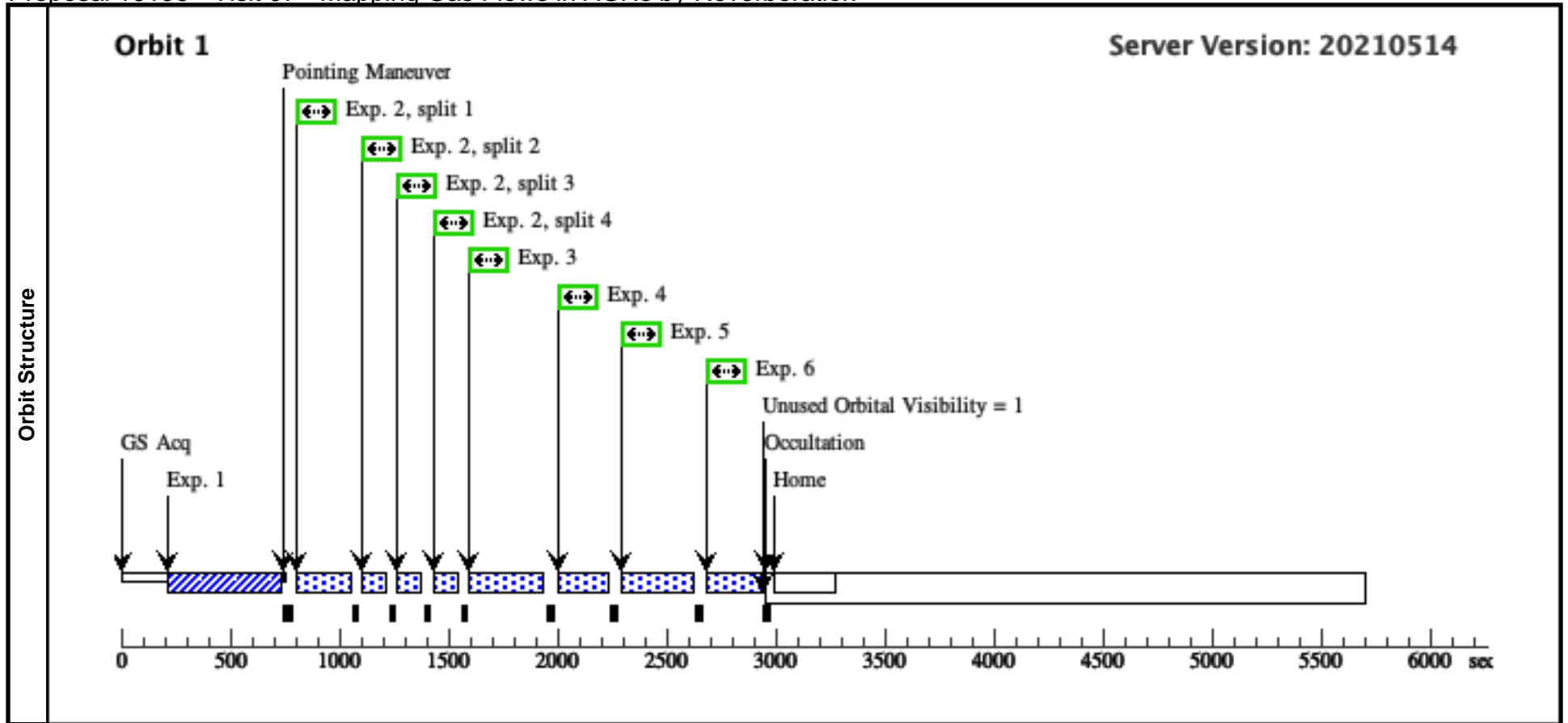




Proposal 16196 - Visit 07 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:44 GMT 2022

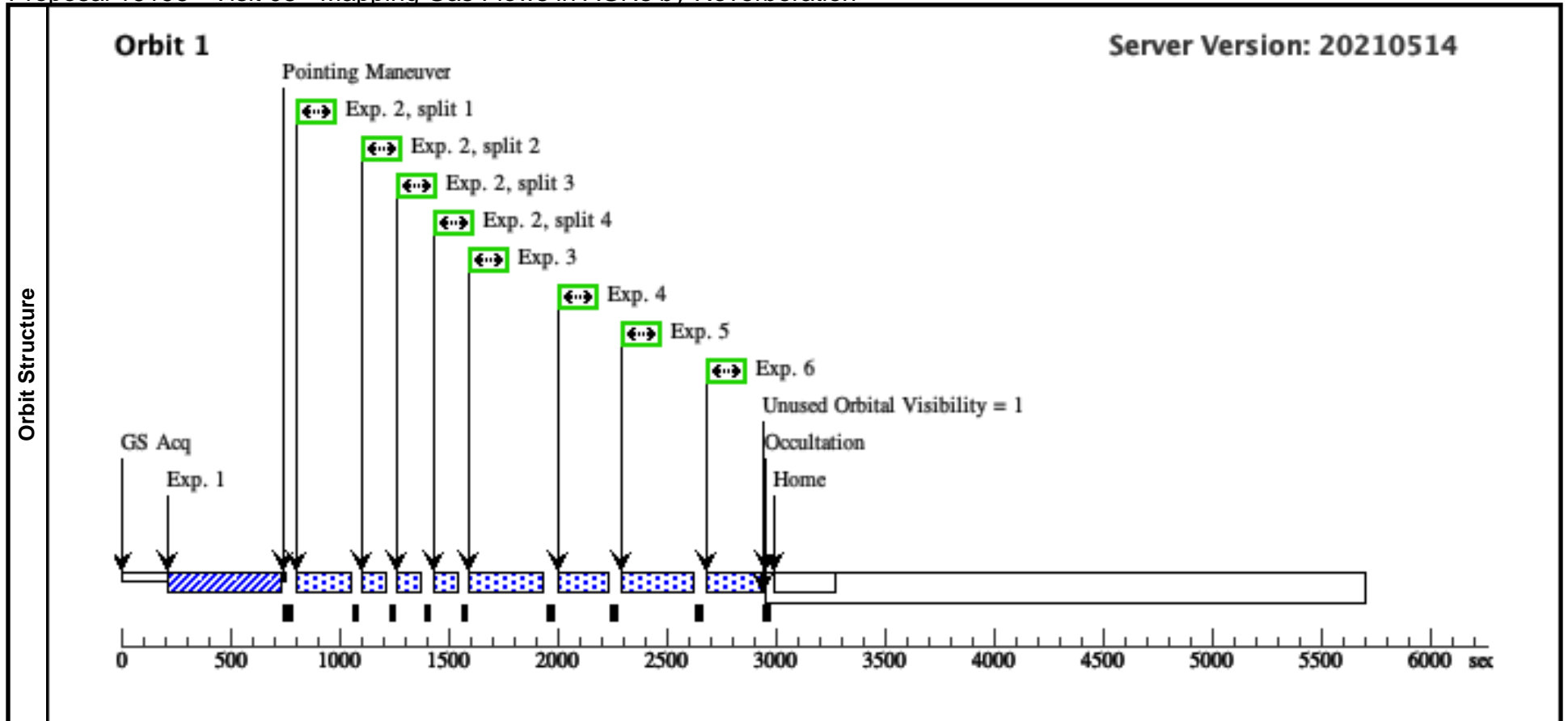
Visit	Proposal 16196, Visit 07, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 05-DEC-2020:18:15:15 AND 06-DEC-2020:18:15:15									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 08 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:44 GMT 2022

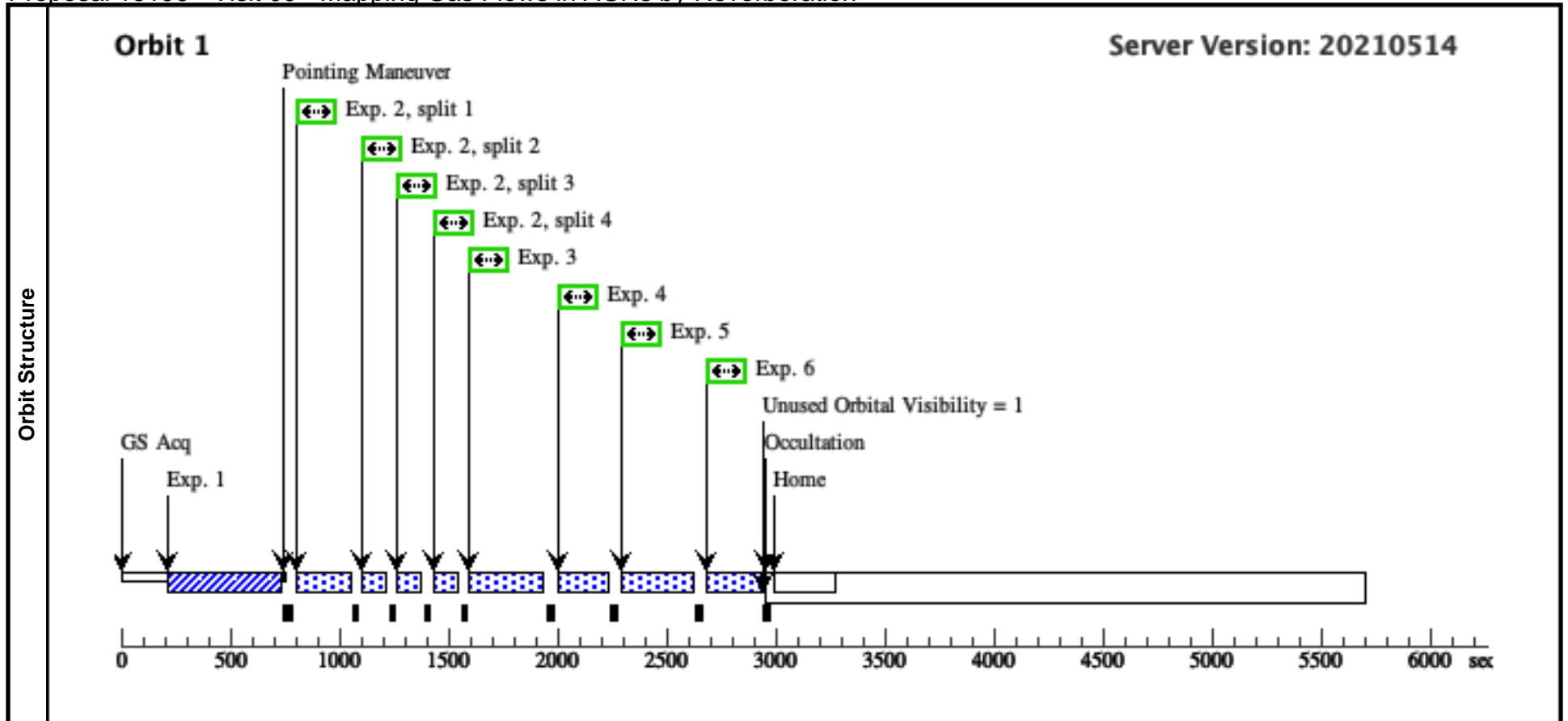
Visit		Proposal 16196, Visit 08, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 07-DEC-2020:17:17:48 AND 08-DEC-2020:17:17:48								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 09 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:44 GMT 2022

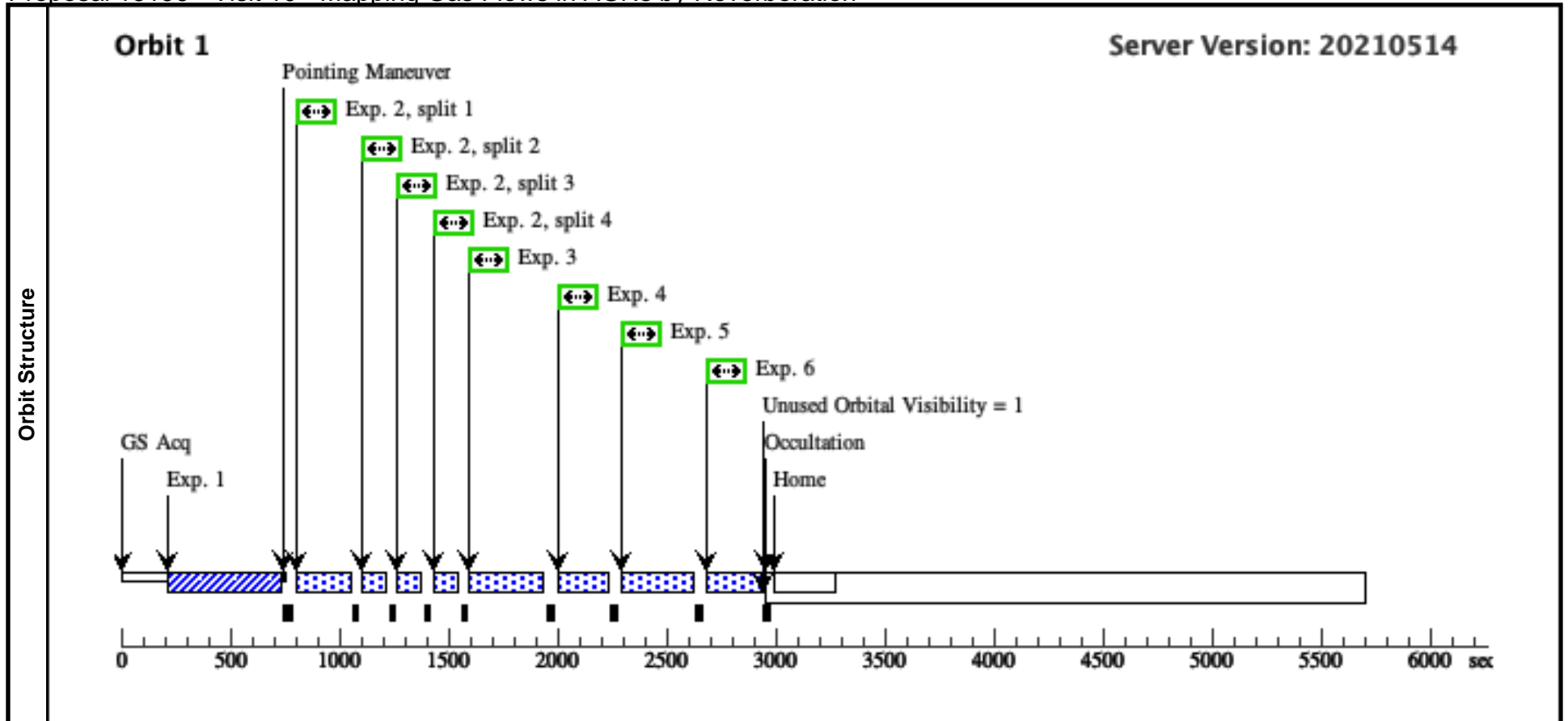
Visit	Proposal 16196, Visit 09, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 09-DEC-2020:16:20:21 AND 10-DEC-2020:16:20:21																																																																																
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Proposal 16196 - Visit 10 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:44 GMT 2022

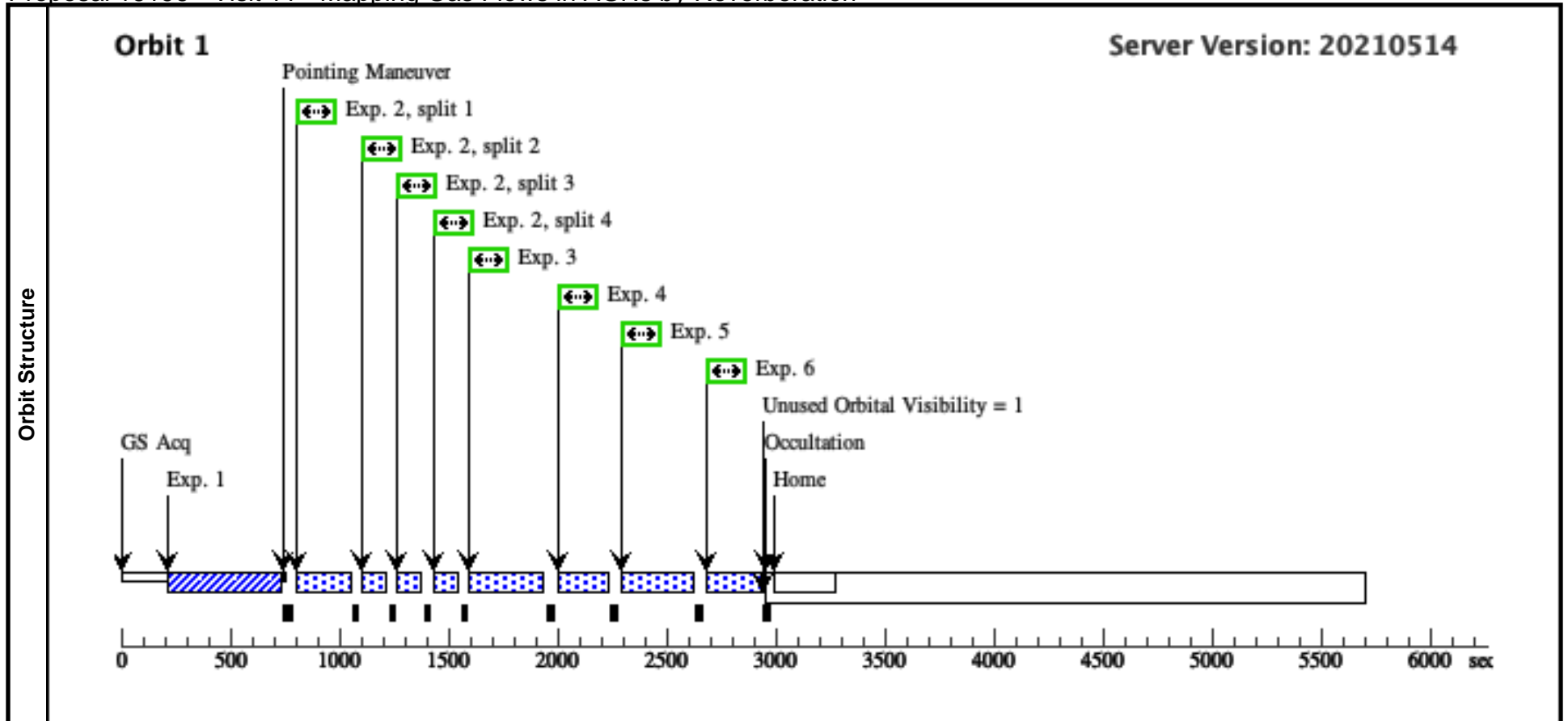
Visit	Proposal 16196, Visit 10, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 11-DEC-2020:15:22:53 AND 12-DEC-2020:15:22:53									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 11 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:44 GMT 2022

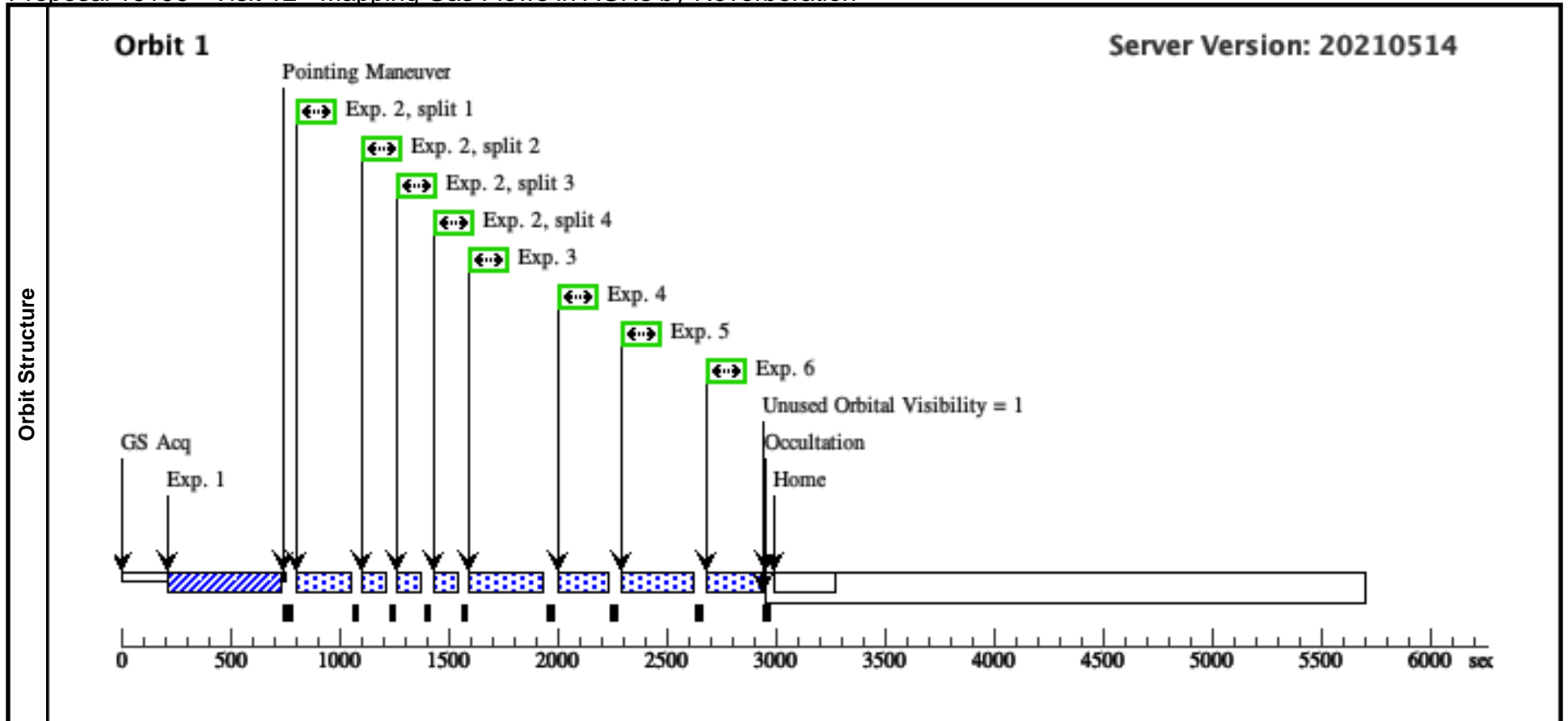
Visit	Proposal 16196, Visit 11, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 13-DEC-2020:14:25:26 AND 14-DEC-2020:14:25:26																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 12 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:44 GMT 2022

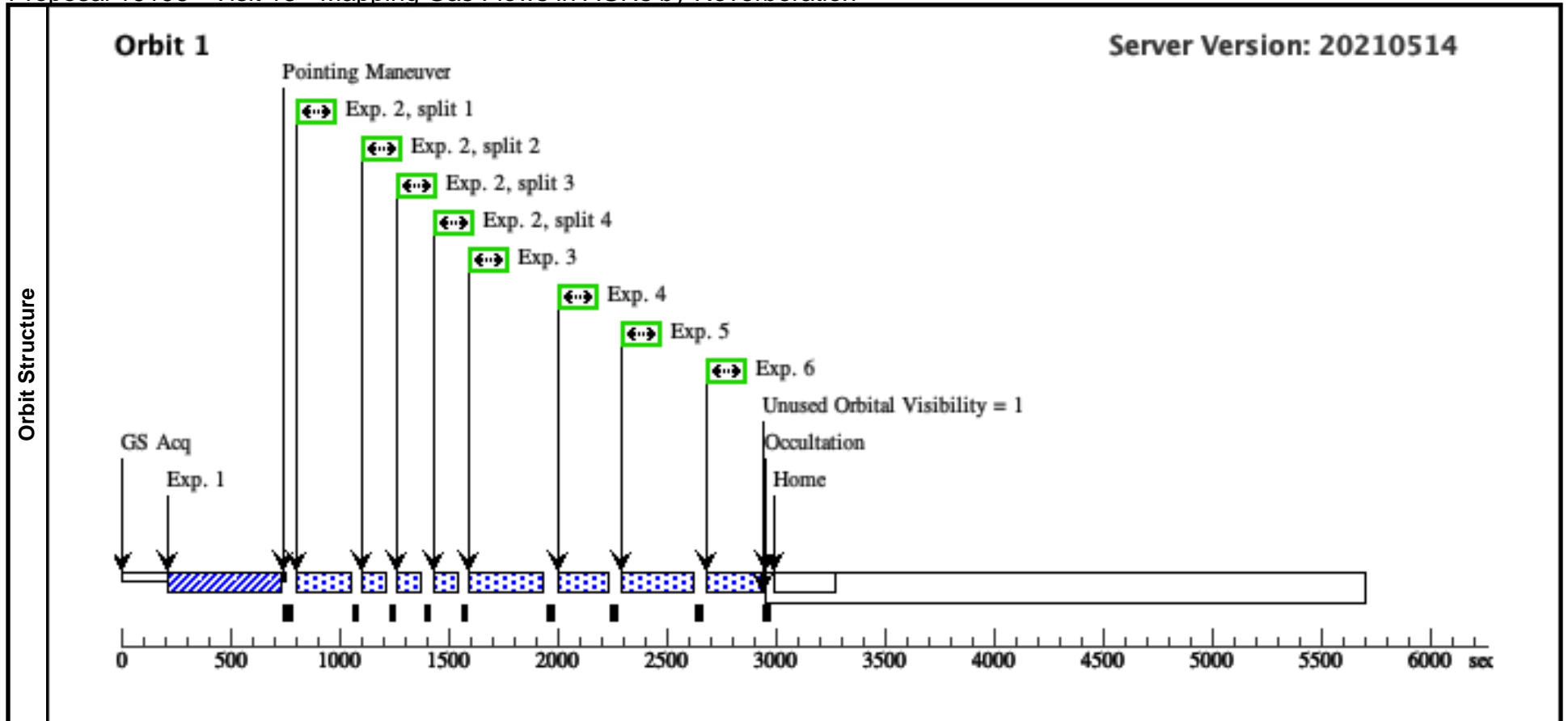
Visit	Proposal 16196, Visit 12, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 15-DEC-2020:13:27:59 AND 16-DEC-2020:13:27:59																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 13 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

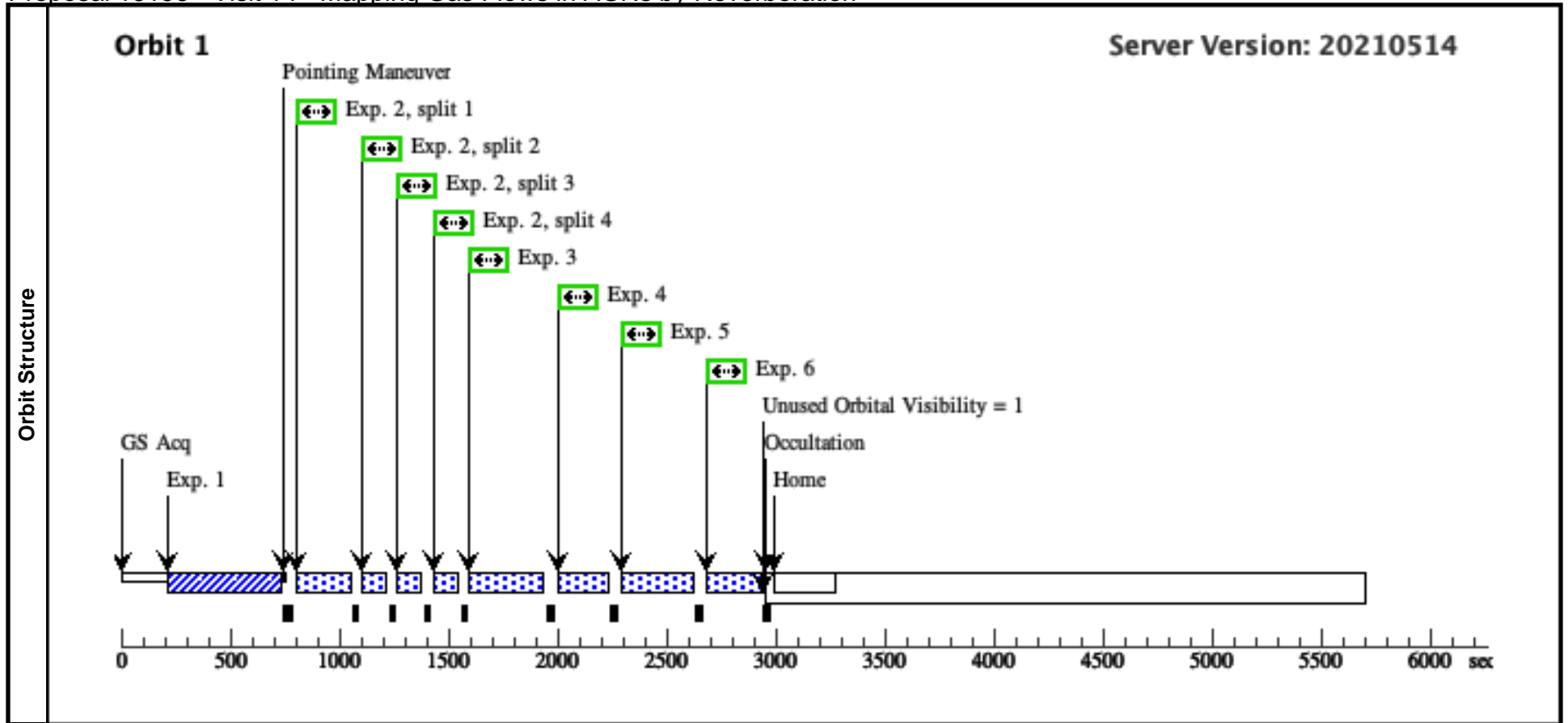
Visit	Proposal 16196, Visit 13, withdrawn Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 17-DEC-2020:12:30:31 AND 18-DEC-2020:12:30:31									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 14 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

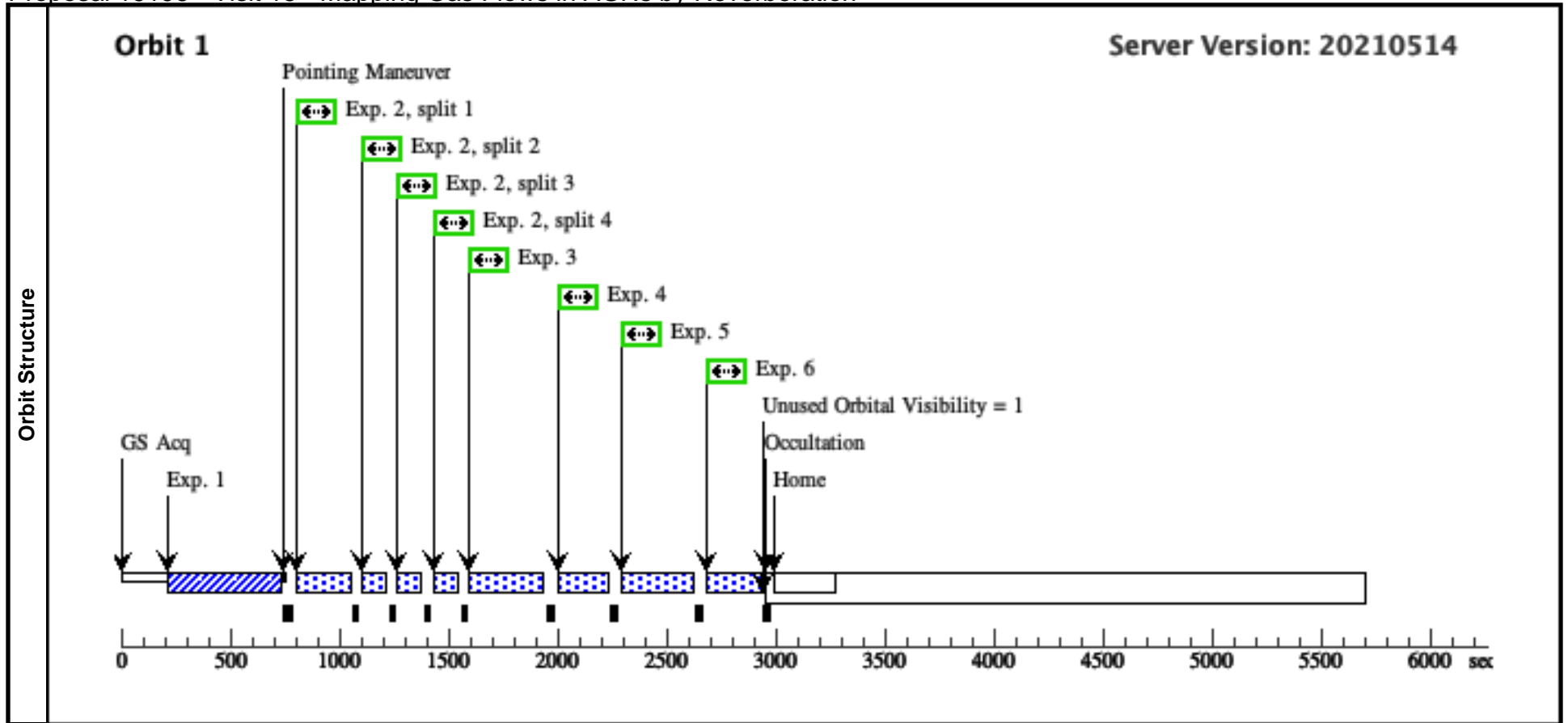
Visit	Proposal 16196, Visit 14, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 19-DEC-2020:11:33:04 AND 20-DEC-2020:11:33:04									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 15 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

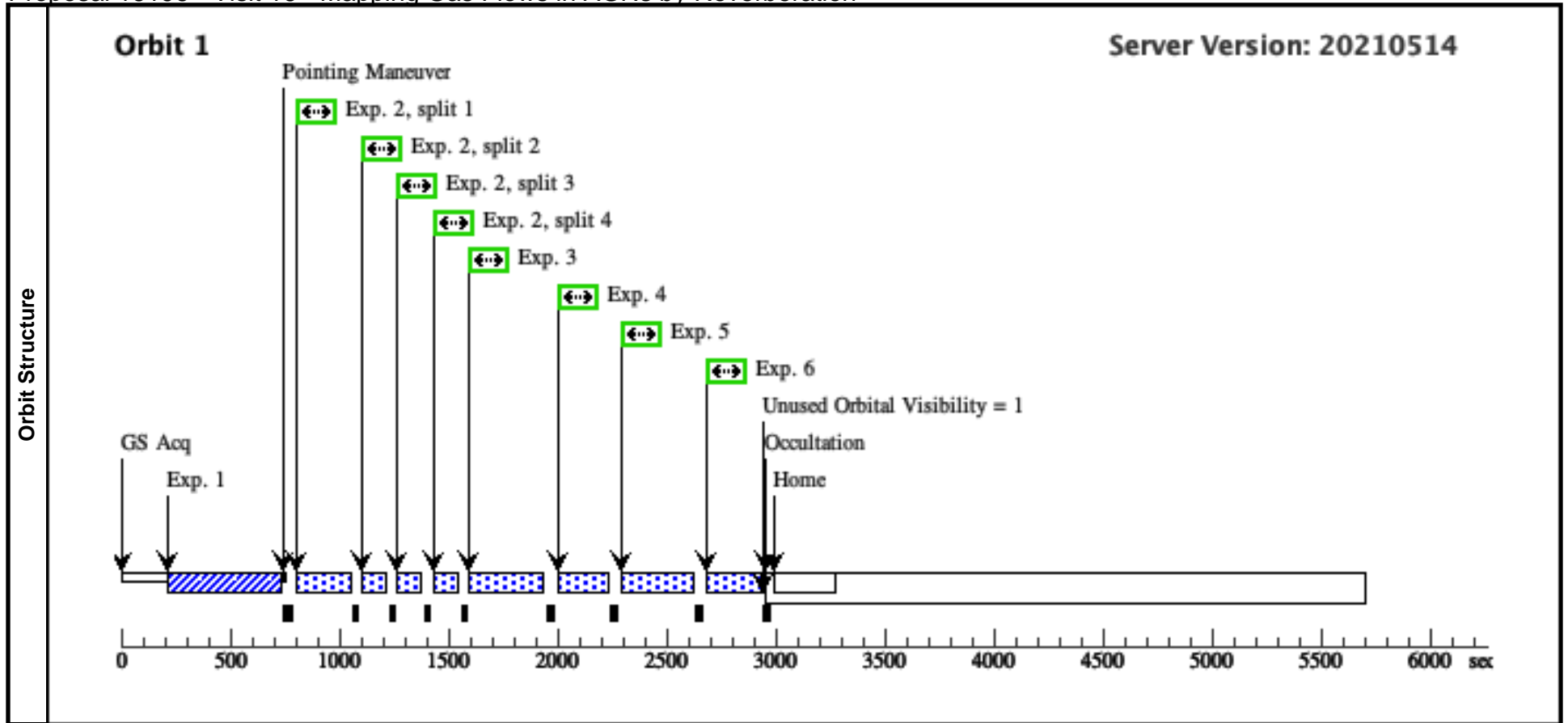
Visit	Proposal 16196, Visit 15, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 21-DEC-2020:10:35:36 AND 22-DEC-2020:10:35:36									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 16 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

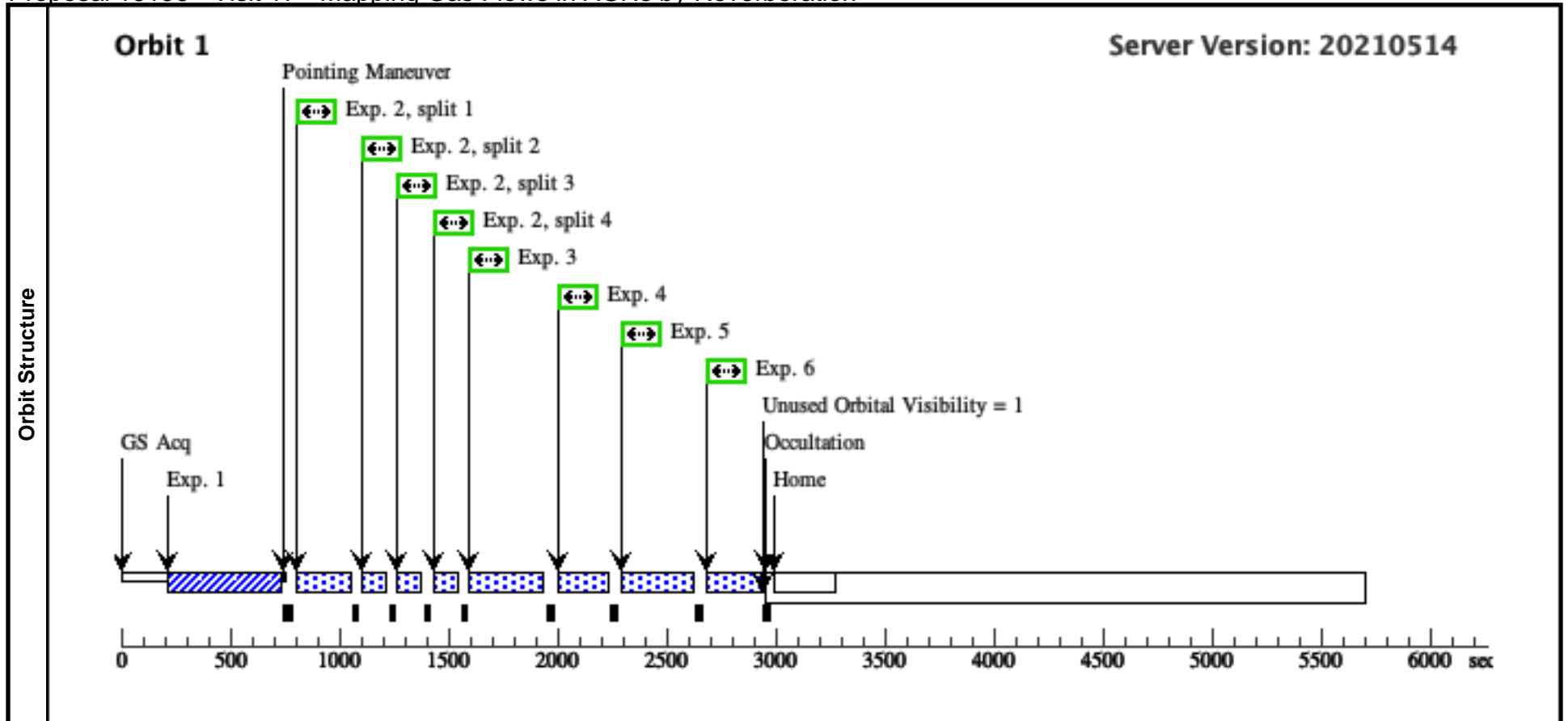
Visit	Proposal 16196, Visit 16, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 23-DEC-2020:09:38:09 AND 24-DEC-2020:09:38:09																																																																																									
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 17 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

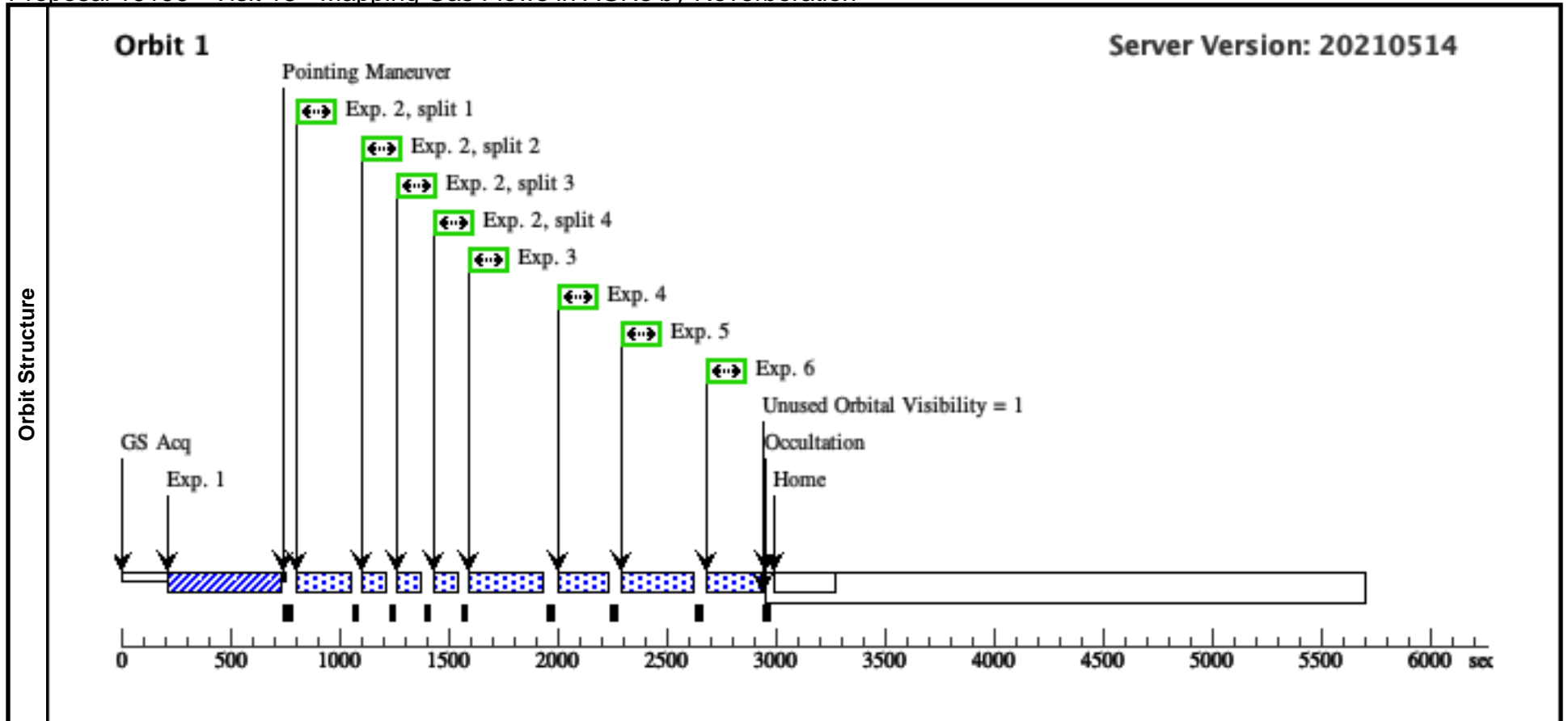
Visit	Proposal 16196, Visit 17, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 25-DEC-2020:08:40:42 AND 26-DEC-2020:08:40:42									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 18 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

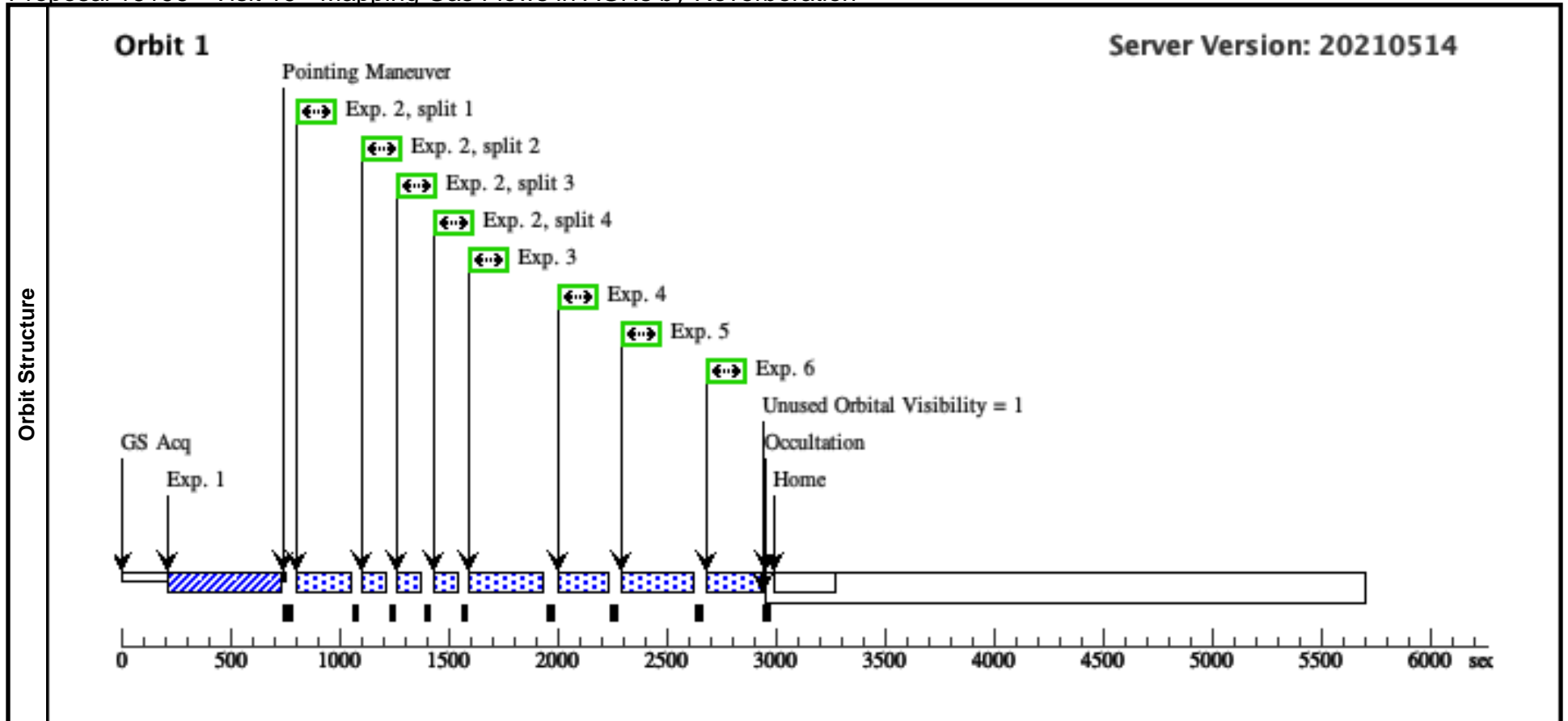
Visit	Proposal 16196, Visit 18, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 27-DEC-2020:07:43:14 AND 28-DEC-2020:07:43:14																																																																																
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Proposal 16196 - Visit 19 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

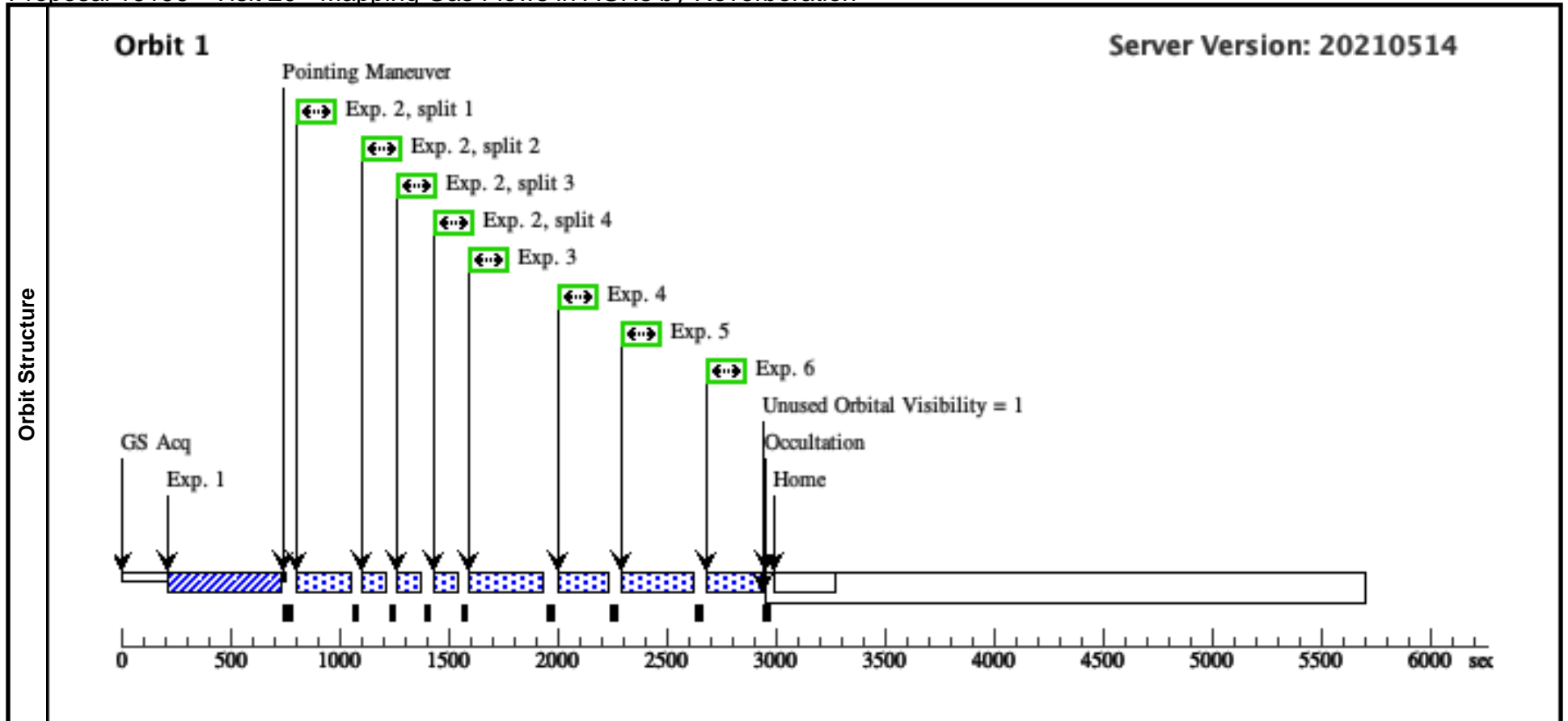
Visit	Proposal 16196, Visit 19, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 29-DEC-2020:06:45:47 AND 30-DEC-2020:06:45:47																																																																																
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Proposal 16196 - Visit 20 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

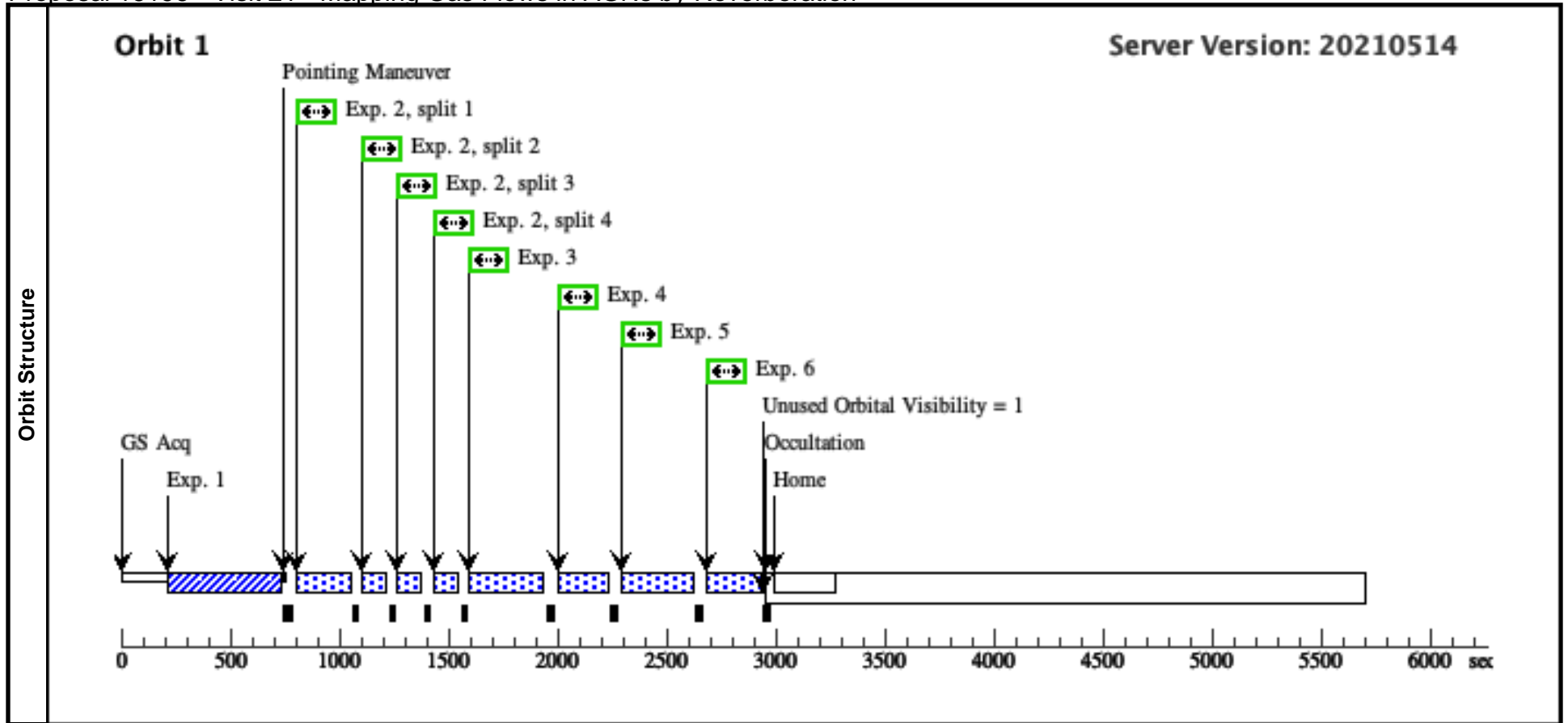
Visit	Proposal 16196, Visit 20, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 31-DEC-2020:05:48:20 AND 01-JAN-2021:05:48:20									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 21 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

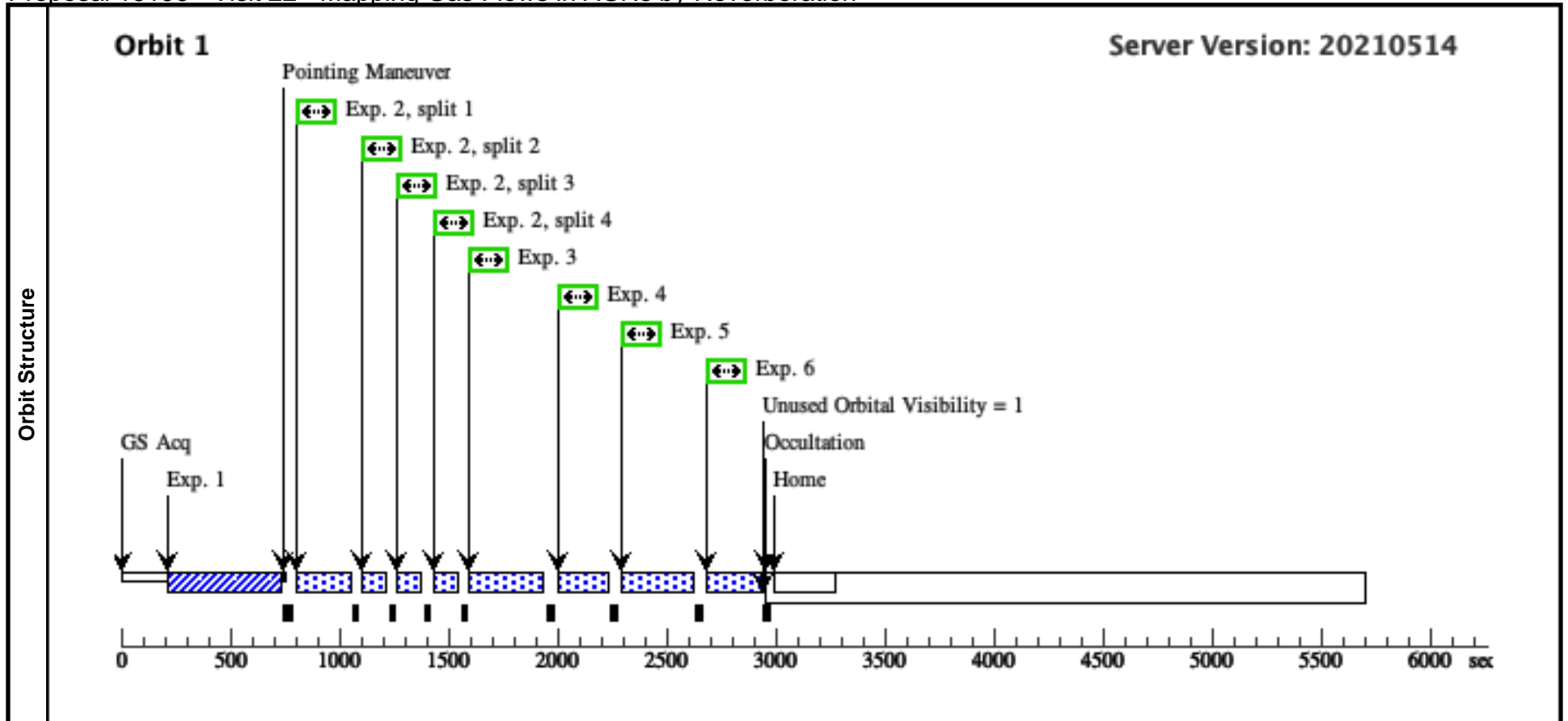
Visit	Proposal 16196, Visit 21, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 02-JAN-2021:04:50:52 AND 03-JAN-2021:04:50:52																																																																																
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#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																								
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Proposal 16196 - Visit 22 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

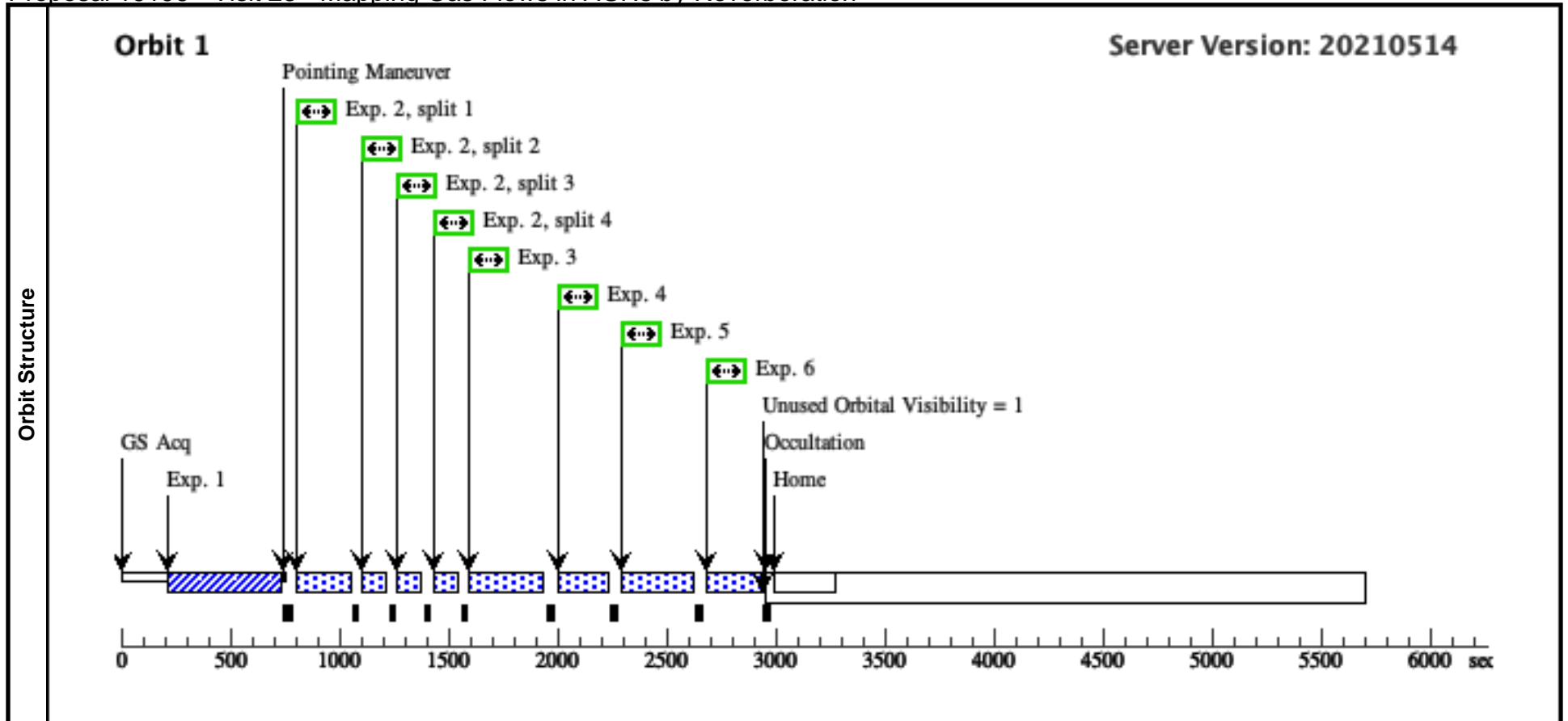
Visit	Proposal 16196, Visit 22, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 04-JAN-2021:03:53:25 AND 05-JAN-2021:03:53:25									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 23 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

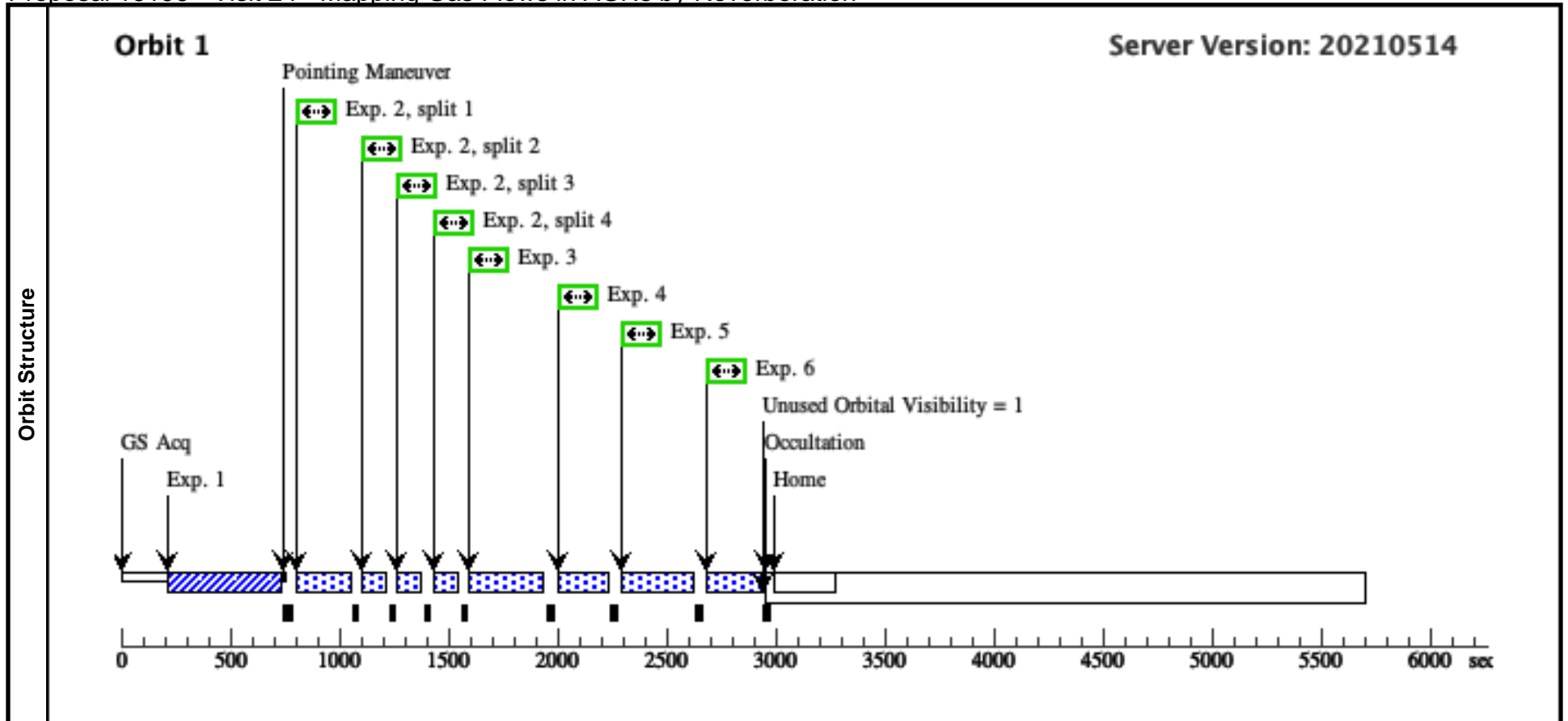
Visit	Proposal 16196, Visit 23, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 06-JAN-2021:02:55:58 AND 07-JAN-2021:02:55:58																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 24 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

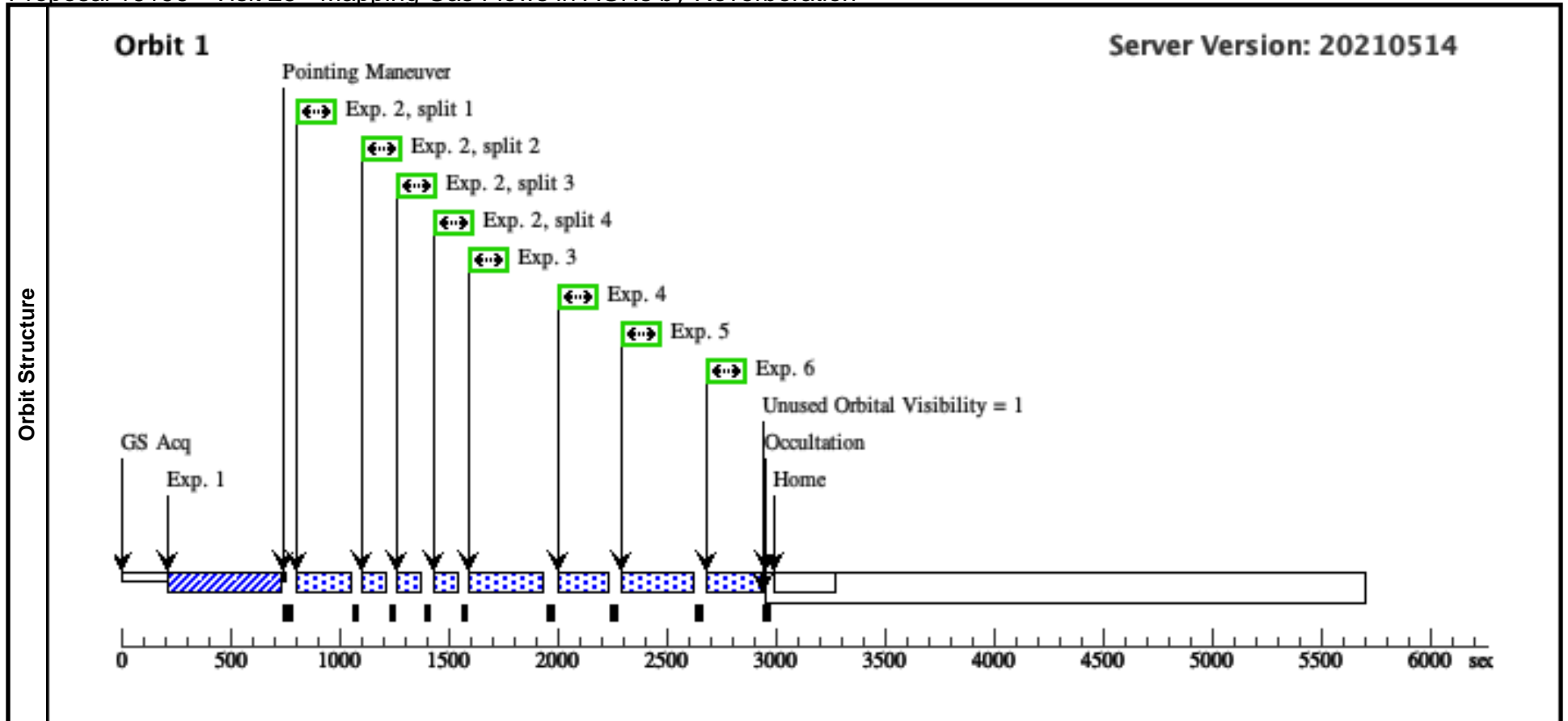
Visit	Proposal 16196, Visit 24, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 08-JAN-2021:01:58:30 AND 09-JAN-2021:01:58:30																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 25 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

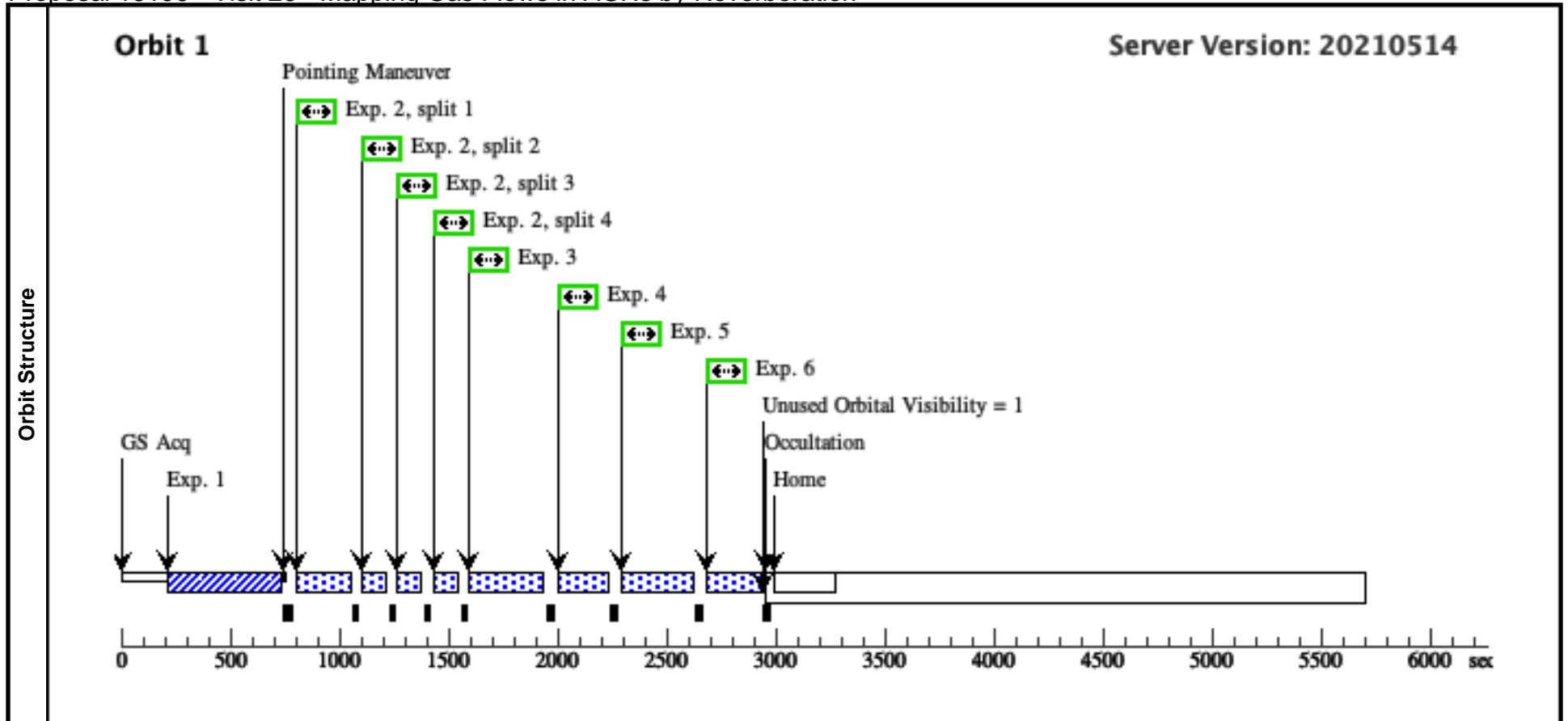
Visit	Proposal 16196, Visit 25, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 10-JAN-2021:01:01:03 AND 11-JAN-2021:01:01:03									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



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Wed Jan 12 18:05:45 GMT 2022

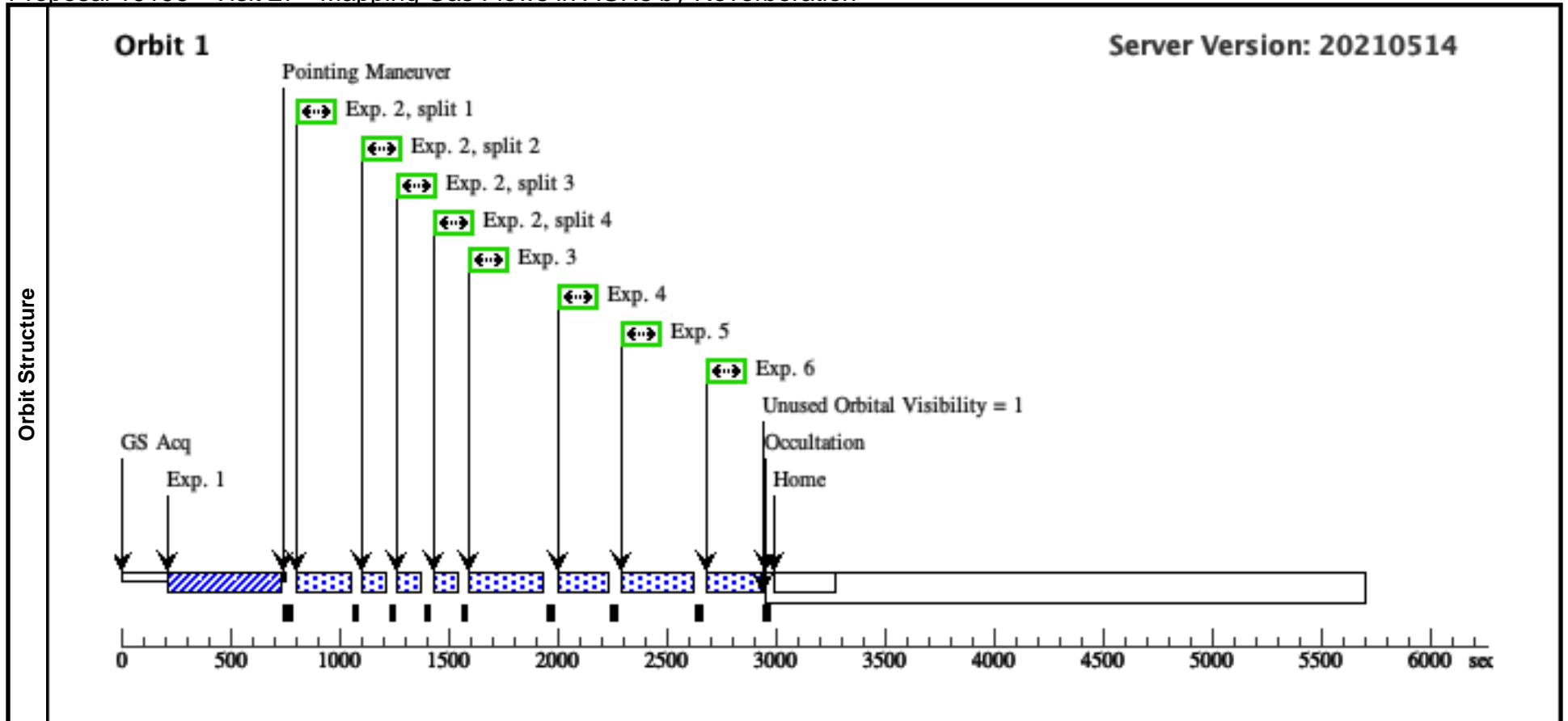
Visit	Proposal 16196, Visit 26, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 12-JAN-2021:00:03:36 AND 13-JAN-2021:00:03:36									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



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Wed Jan 12 18:05:45 GMT 2022

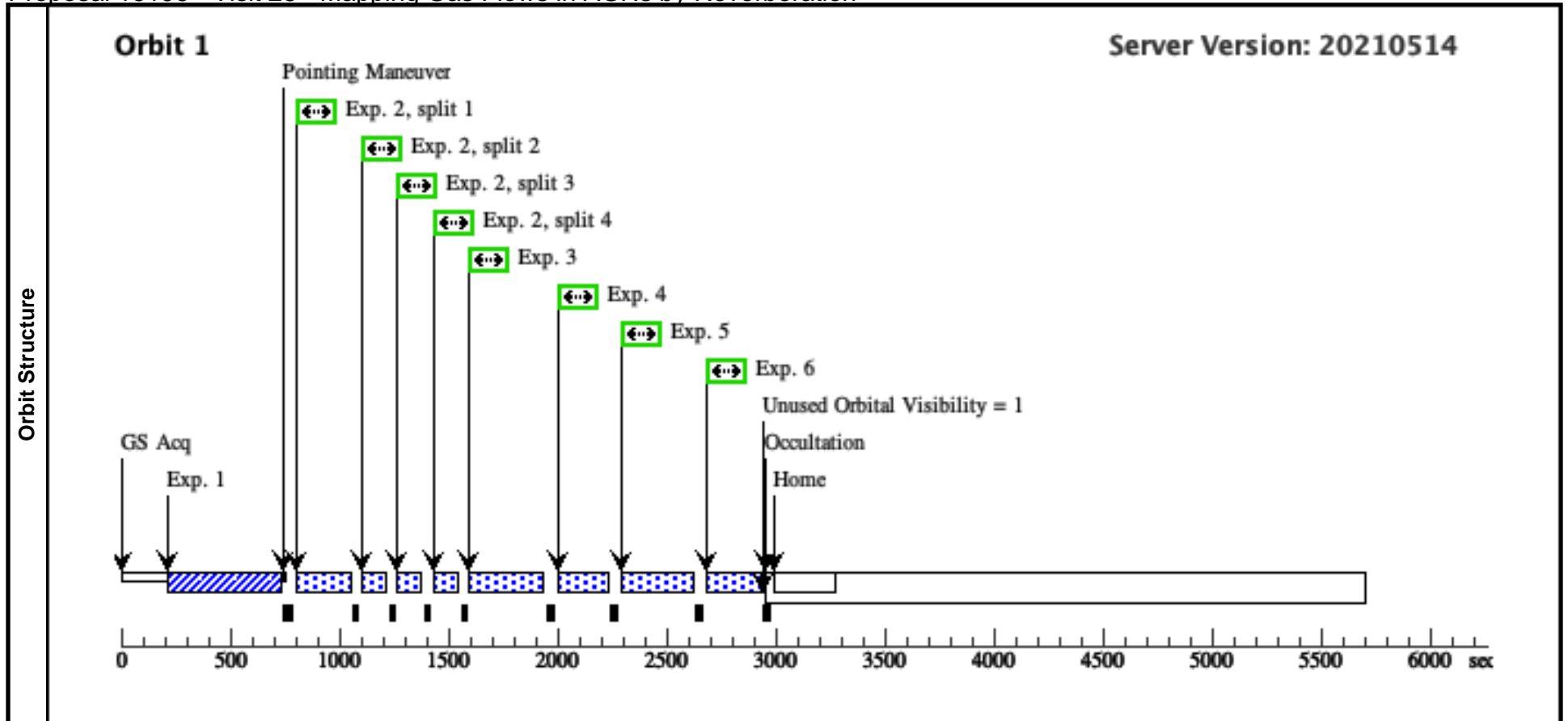
Visit	Proposal 16196, Visit 27, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 13-JAN-2021:23:06:08 AND 14-JAN-2021:23:06:08									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 28 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

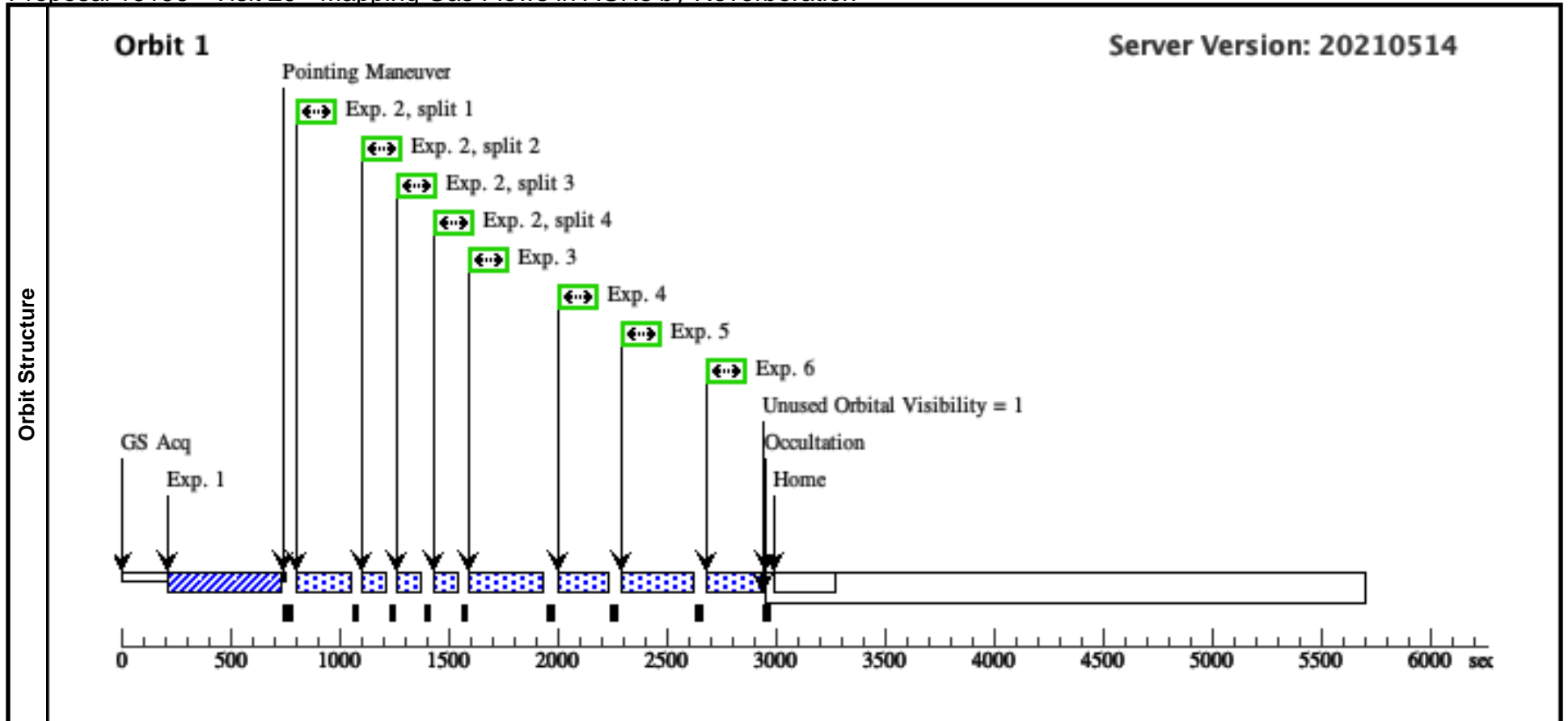
Visit		Proposal 16196, Visit 28, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 15-JAN-2021:22:08:41 AND 16-JAN-2021:22:08:41									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 29 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

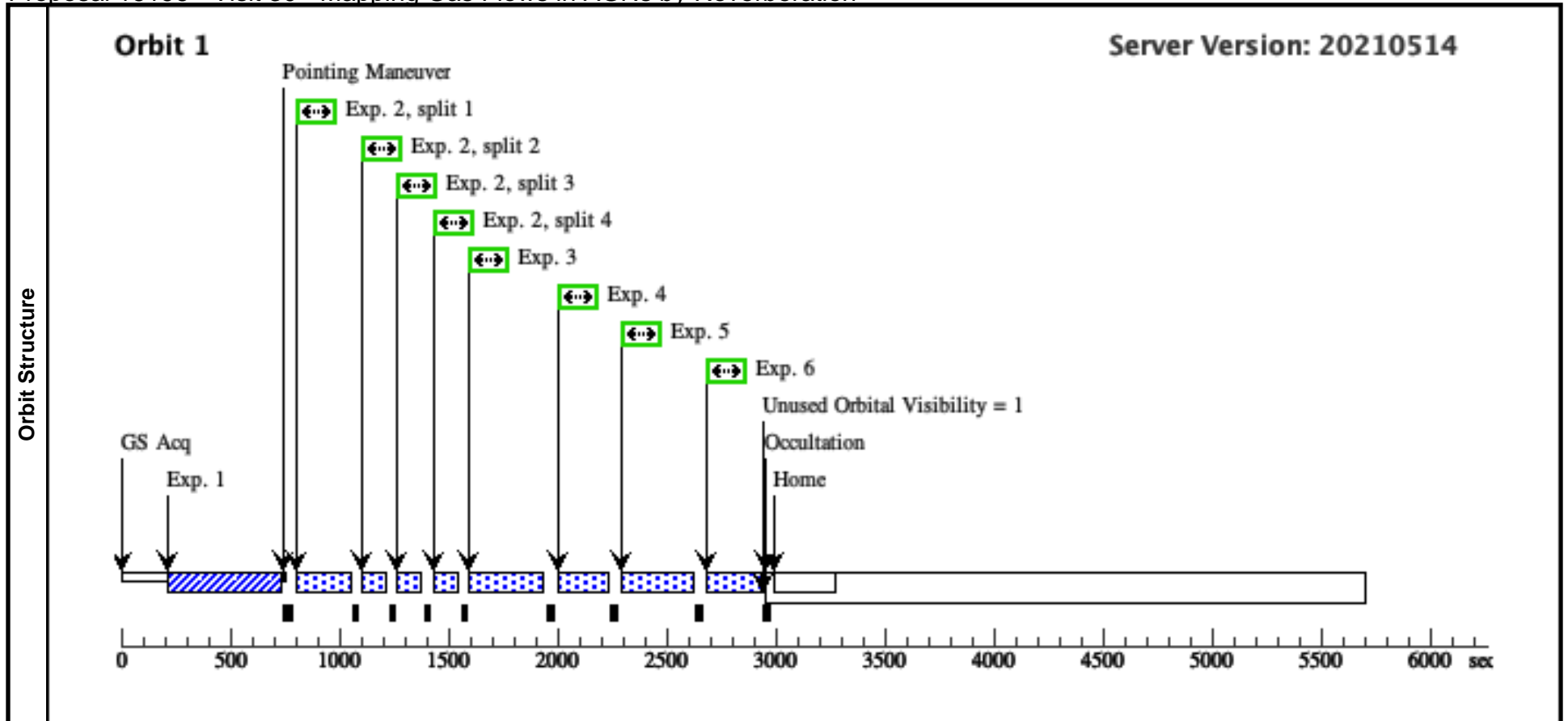
Visit	Proposal 16196, Visit 29, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 17-JAN-2021:21:11:13 AND 18-JAN-2021:21:11:13									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 30 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

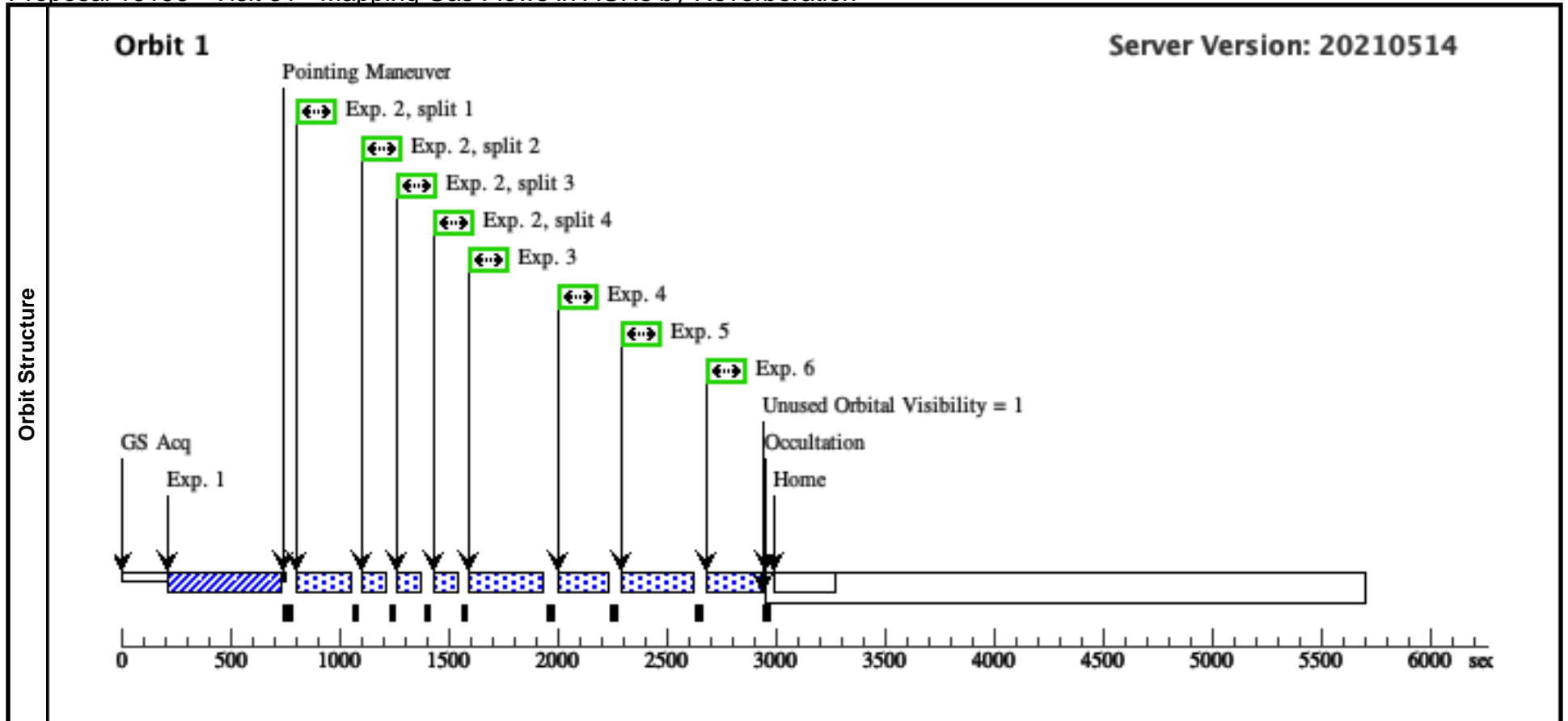
Visit	Proposal 16196, Visit 30, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 19-JAN-2021:20:13:46 AND 20-JAN-2021:20:13:46																																																																																
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO </td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO																																																																		
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"> Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state. </td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																								
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2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																								
3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																																																																								
4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																								
5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																								
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																								



Proposal 16196 - Visit 31 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

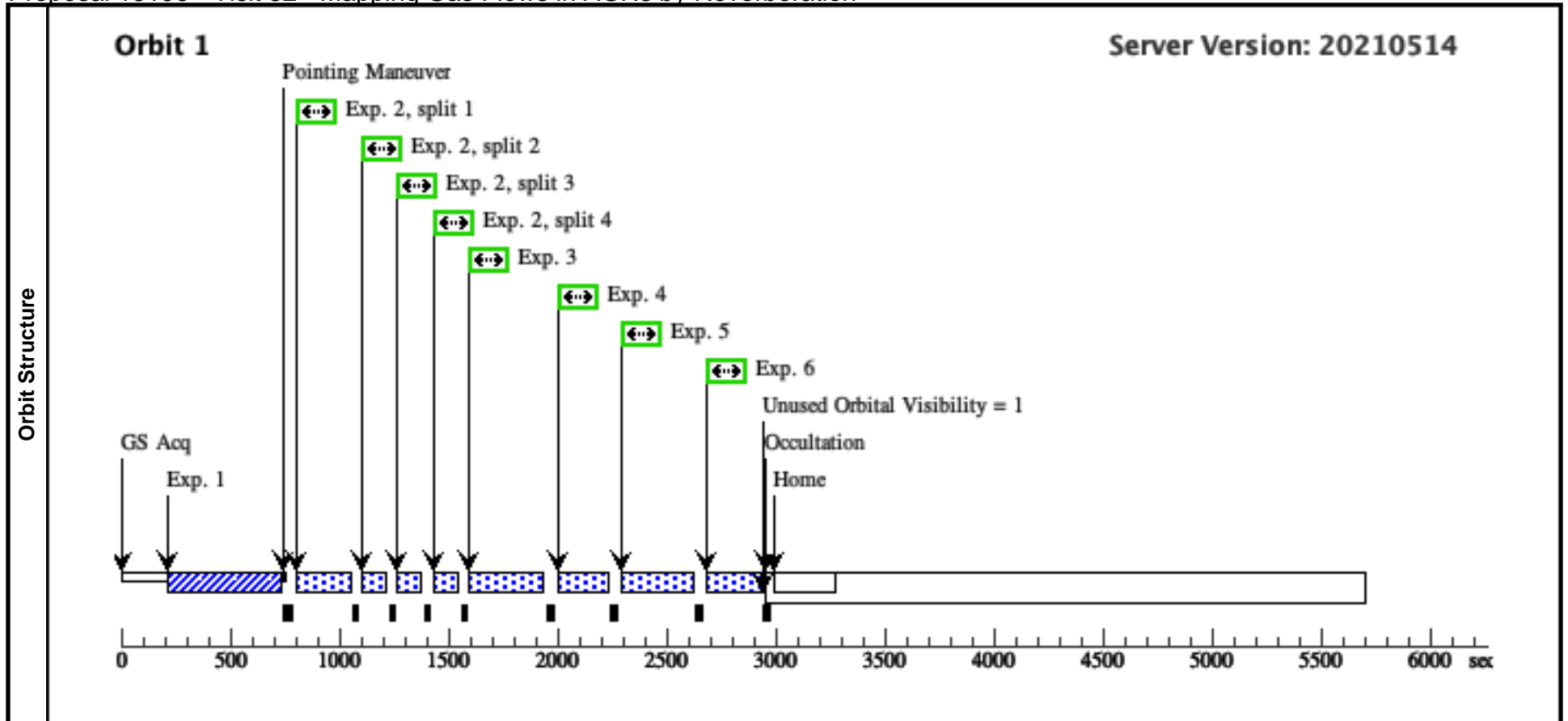
Visit	Proposal 16196, Visit 31, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 21-JAN-2021:19:16:19 AND 22-JAN-2021:19:16:19									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 32 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

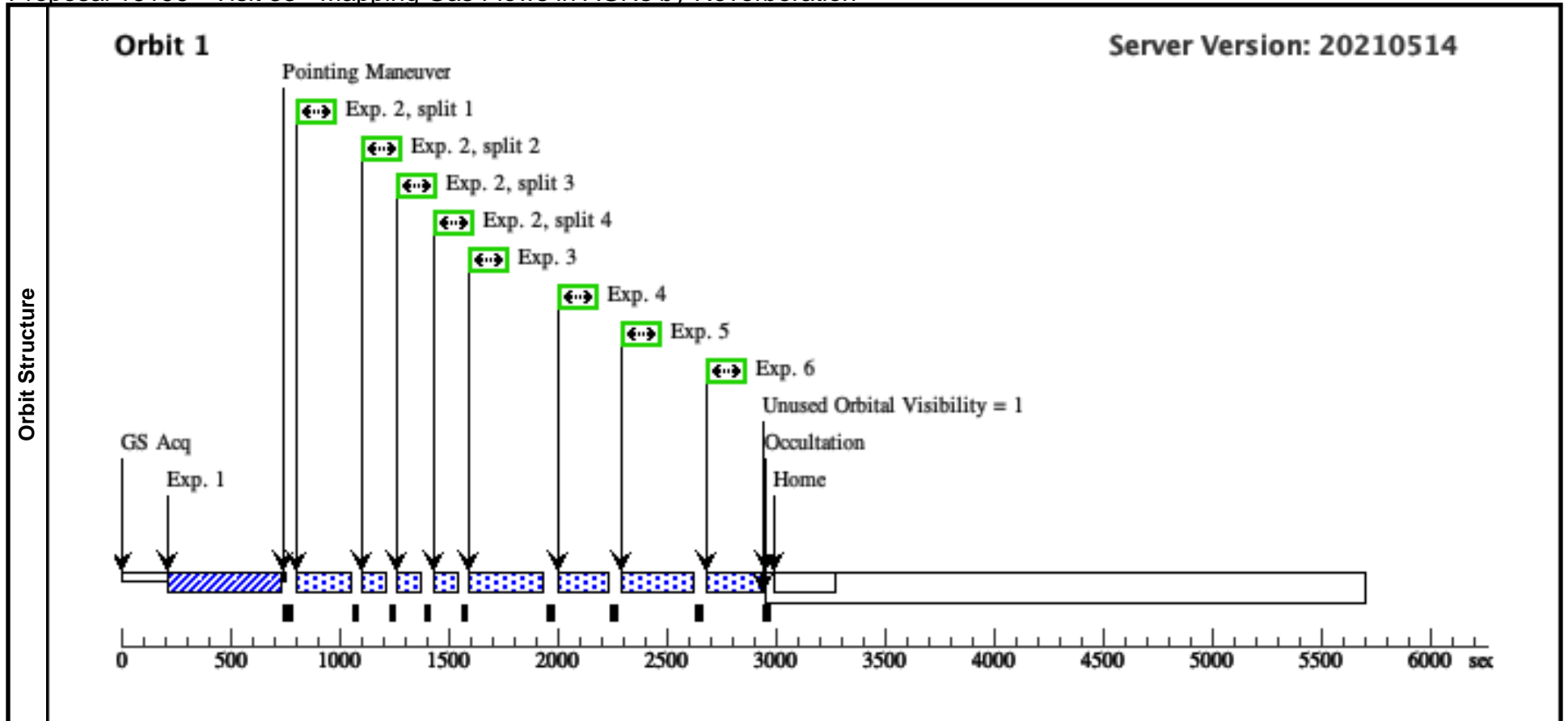
Visit	Proposal 16196, Visit 32, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 23-JAN-2021:18:18:51 AND 24-JAN-2021:18:18:51																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 33 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

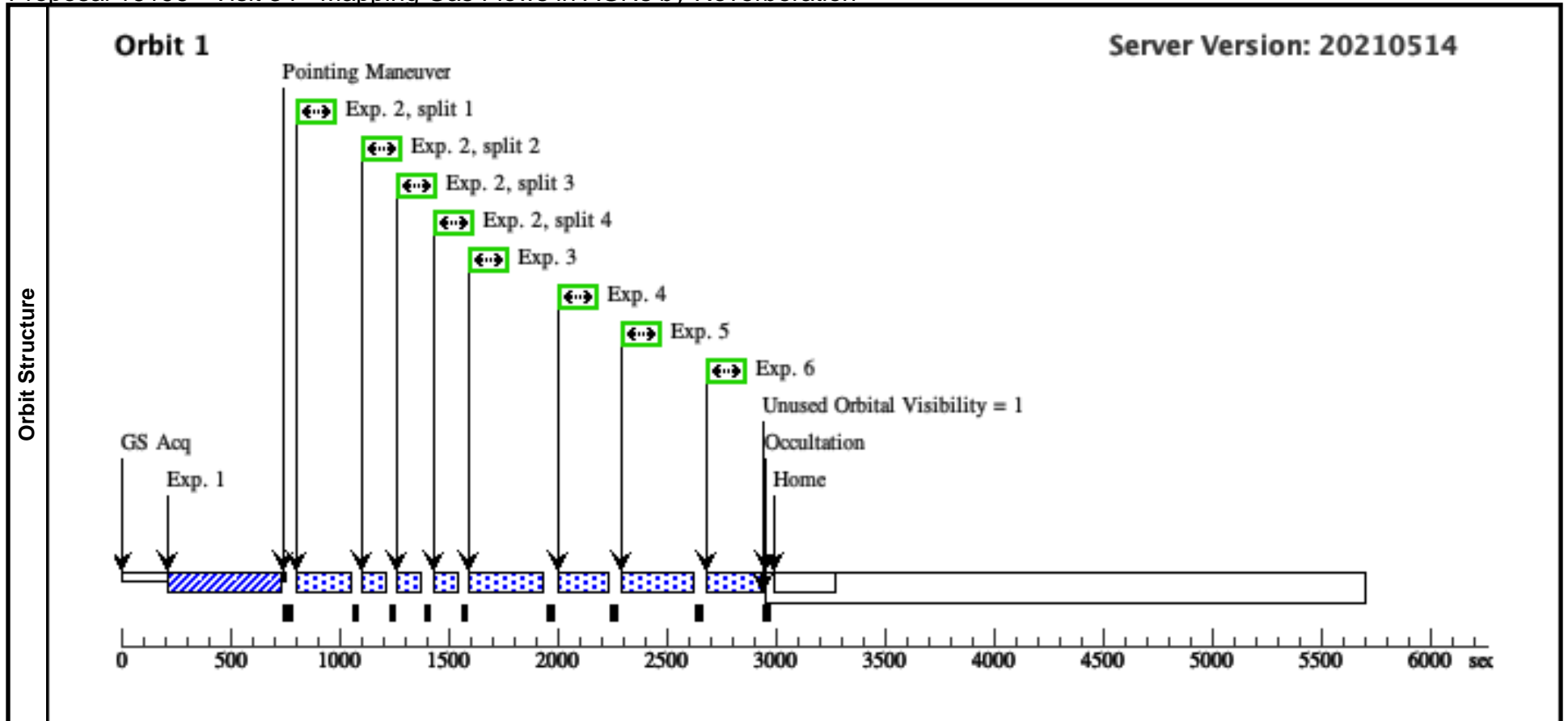
Visit	Proposal 16196, Visit 33, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 25-JAN-2021:17:21:24 AND 26-JAN-2021:17:21:24																																																																																
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Proposal 16196 - Visit 34 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:45 GMT 2022

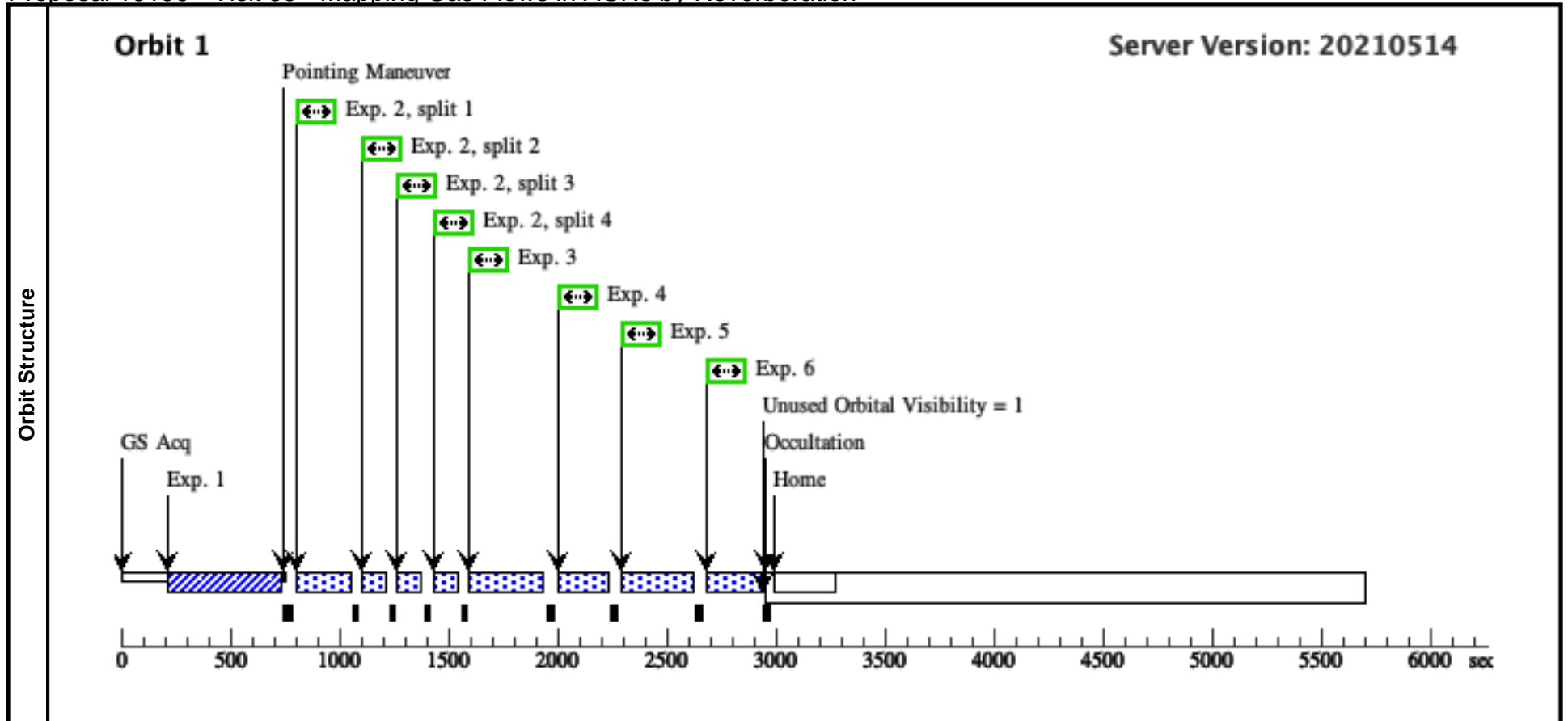
Visit	Proposal 16196, Visit 34, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 27-JAN-2021:16:23:57 AND 28-JAN-2021:16:23:57									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
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	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
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Wed Jan 12 18:05:45 GMT 2022

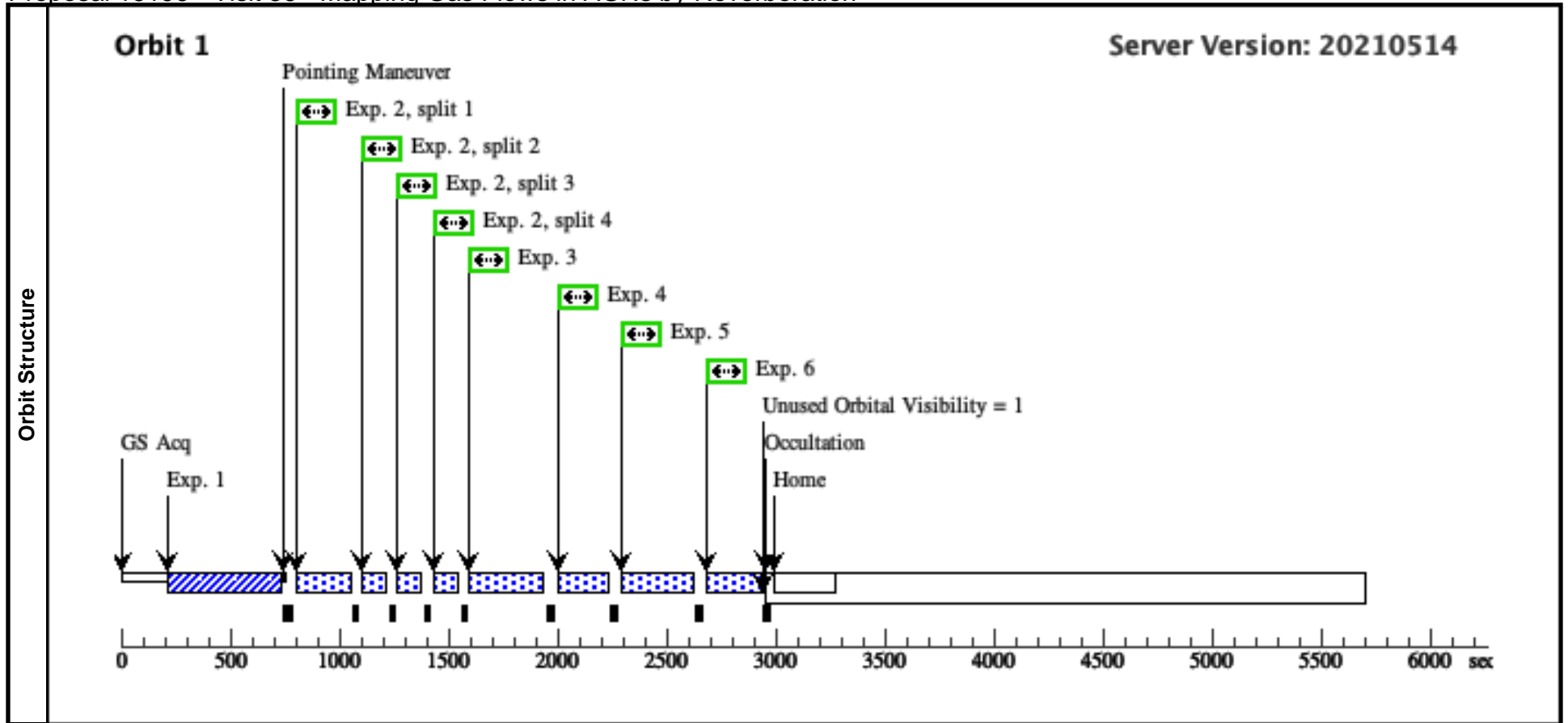
Visit	Proposal 16196, Visit 35, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 29-JAN-2021:15:26:29 AND 30-JAN-2021:15:26:29																																																																																
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Proposal 16196 - Visit 36 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

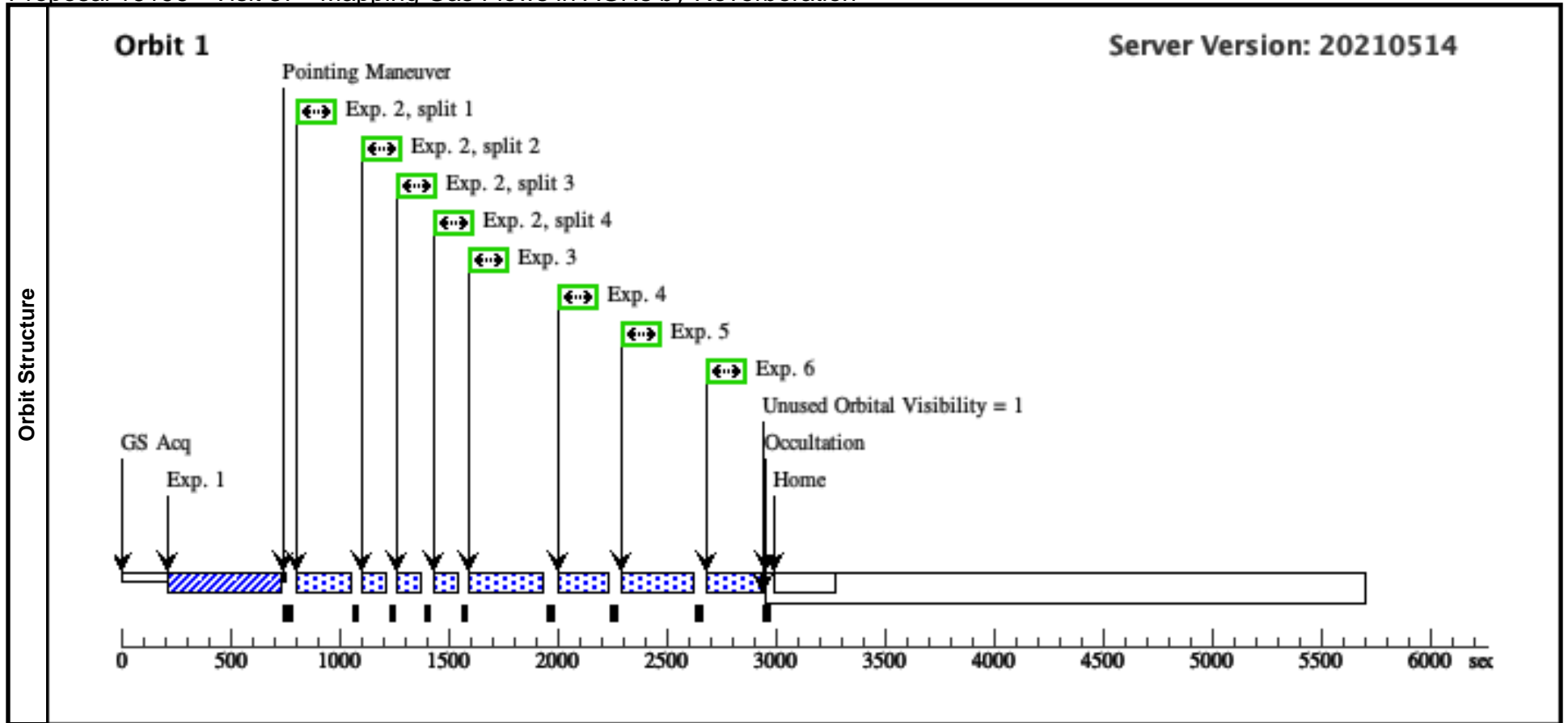
Visit	Proposal 16196, Visit 36, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 31-JAN-2021:14:29:02 AND 01-FEB-2021:14:29:02																																																																																
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Proposal 16196 - Visit 37 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

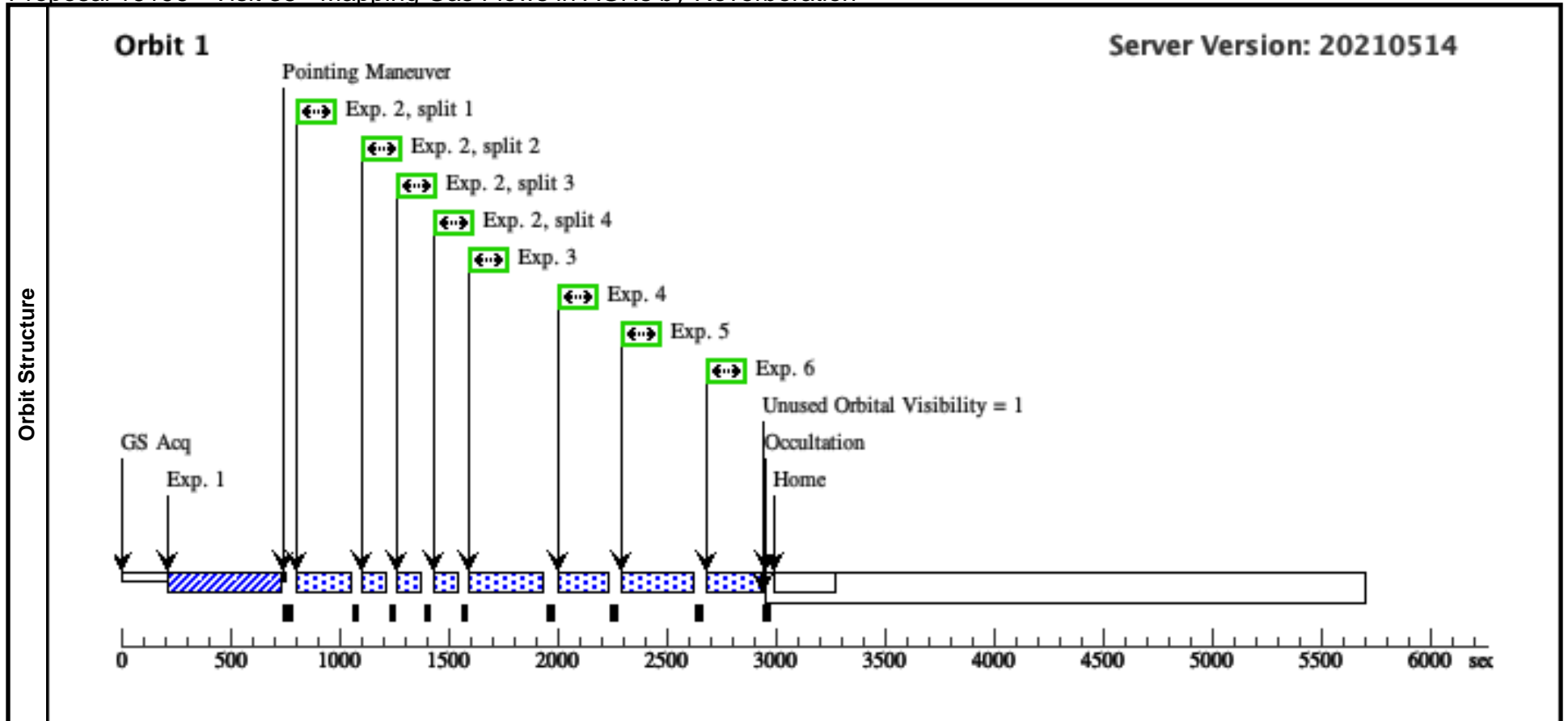
Visit		Proposal 16196, Visit 37, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 02-FEB-2021:13:31:35 AND 03-FEB-2021:13:31:35								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
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Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
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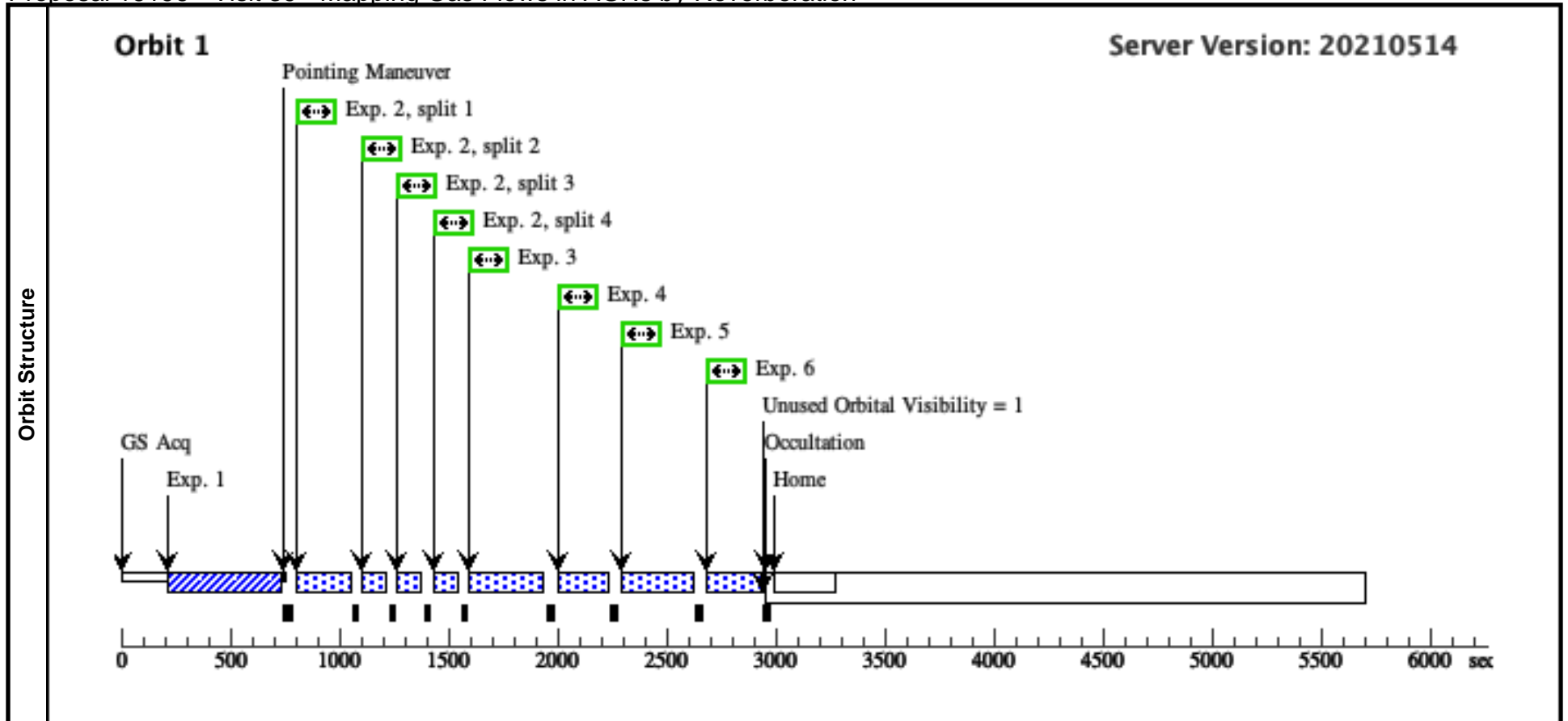
Visit	Proposal 16196, Visit 38, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 04-FEB-2021:12:34:07 AND 05-FEB-2021:12:34:07																																																																																
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Proposal 16196 - Visit 39 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

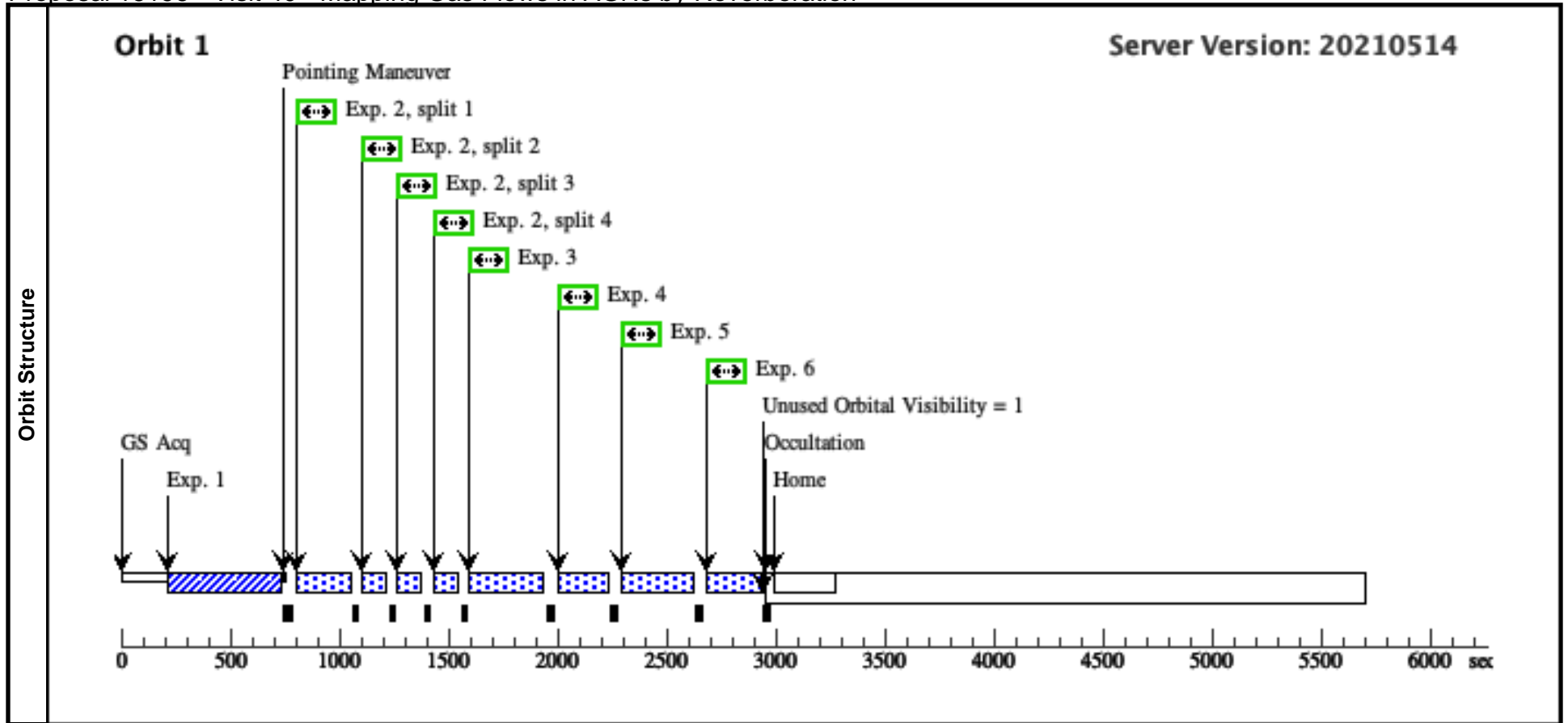
Visit	Proposal 16196, Visit 39, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 06-FEB-2021:11:36:40 AND 07-FEB-2021:11:36:40																																																																																
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Proposal 16196 - Visit 40 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

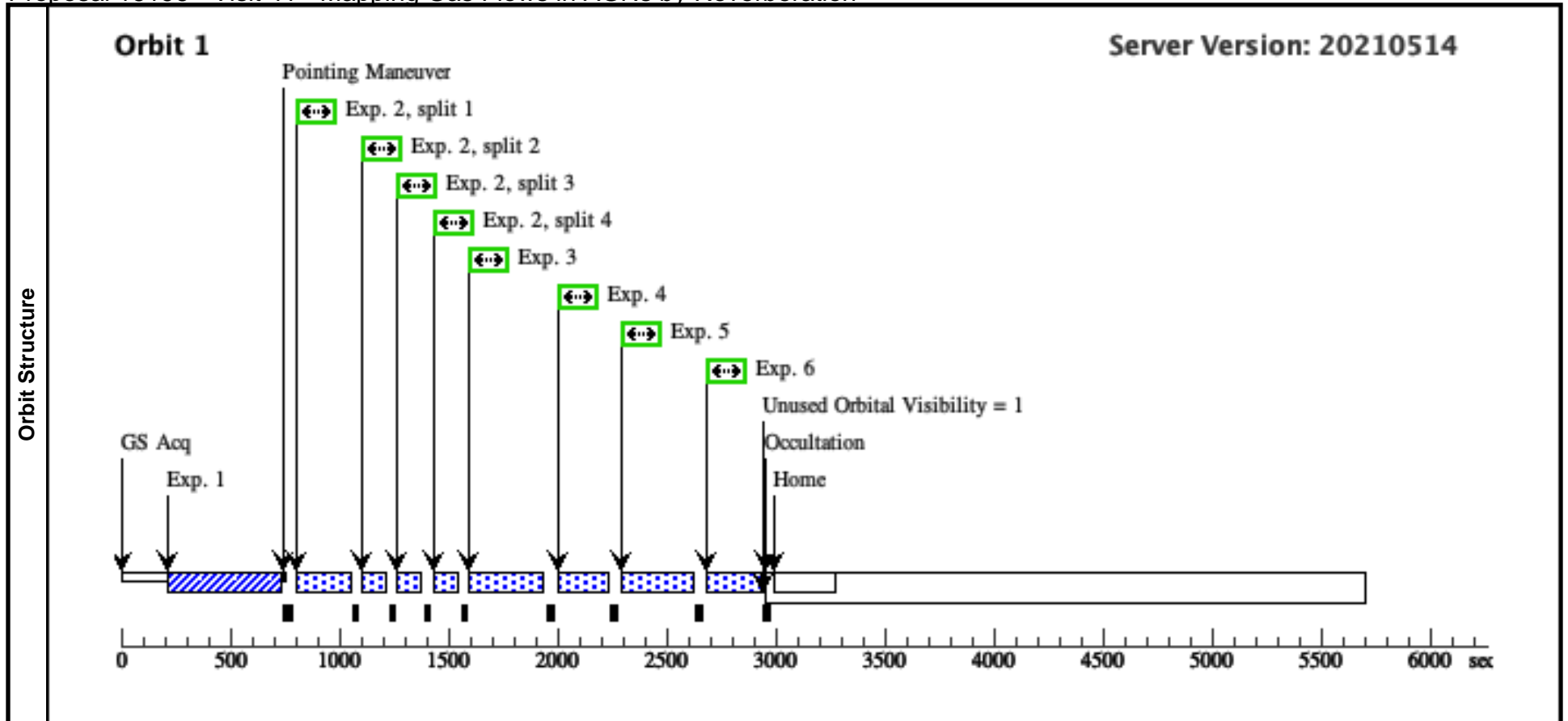
Visit	Proposal 16196, Visit 40, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 08-FEB-2021:10:39:12 AND 09-FEB-2021:10:39:12									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
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	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
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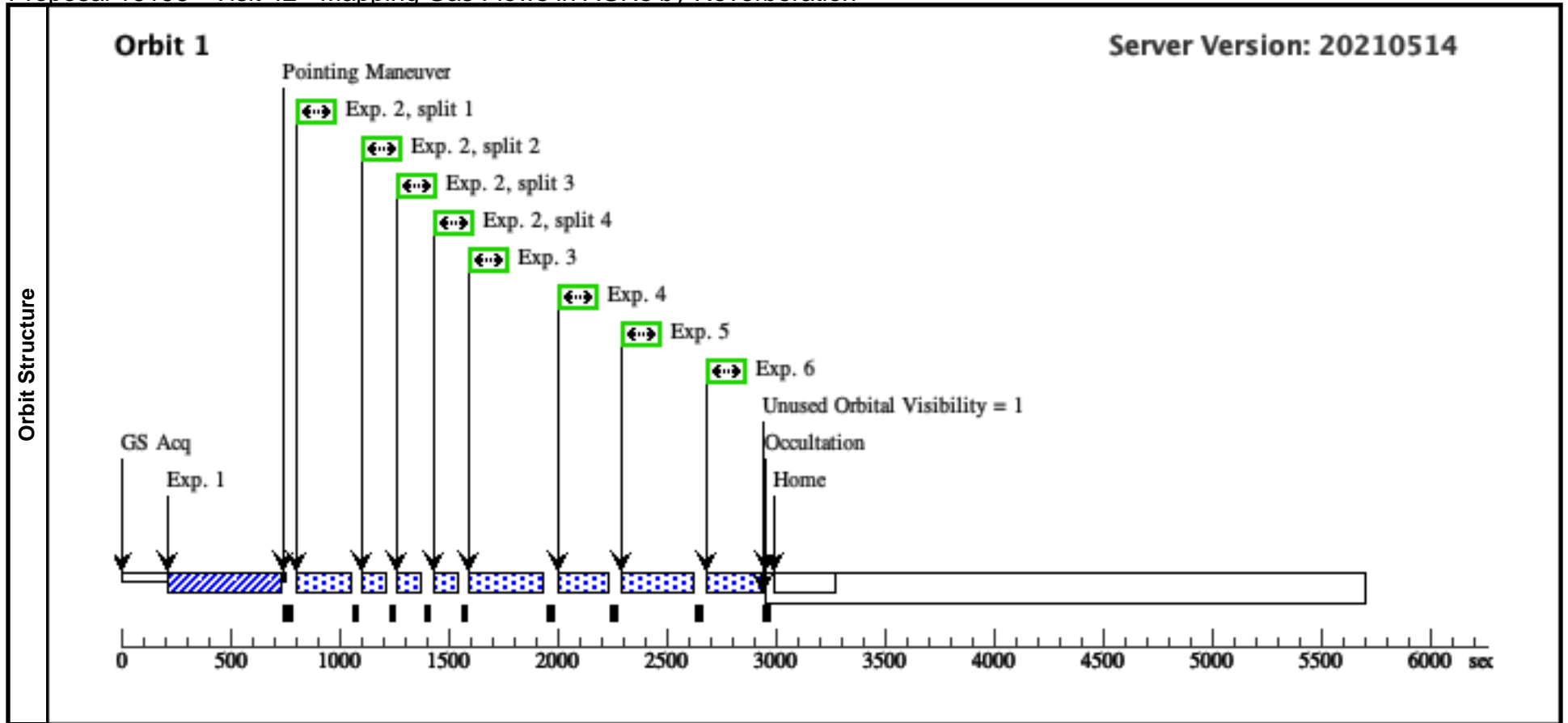
Visit	Proposal 16196, Visit 41, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 10-FEB-2021:09:41:45 AND 11-FEB-2021:09:41:45																																																																																
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Proposal 16196 - Visit 42 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

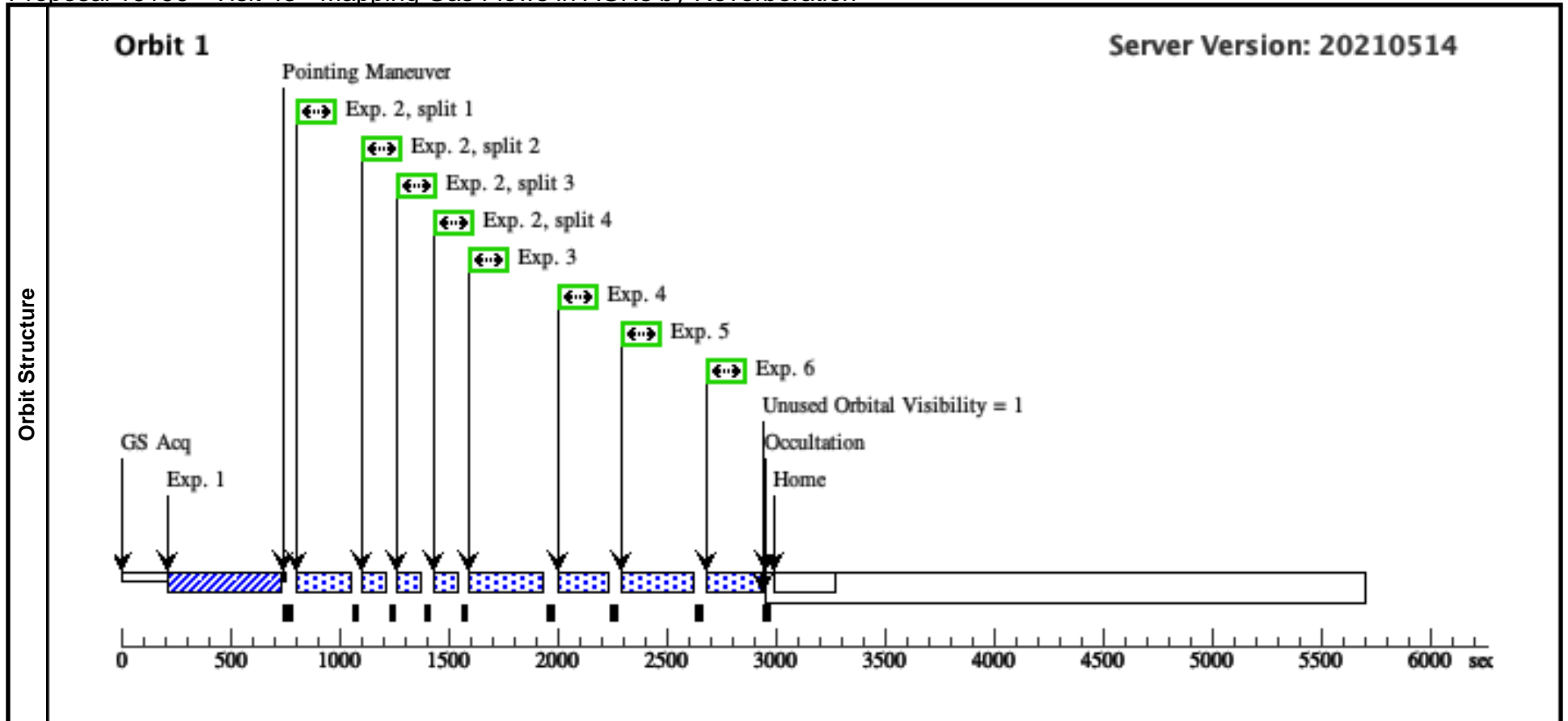
Visit	Proposal 16196, Visit 42, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 12-FEB-2021:08:44:18 AND 13-FEB-2021:08:44:18																																																																																
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Proposal 16196 - Visit 43 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

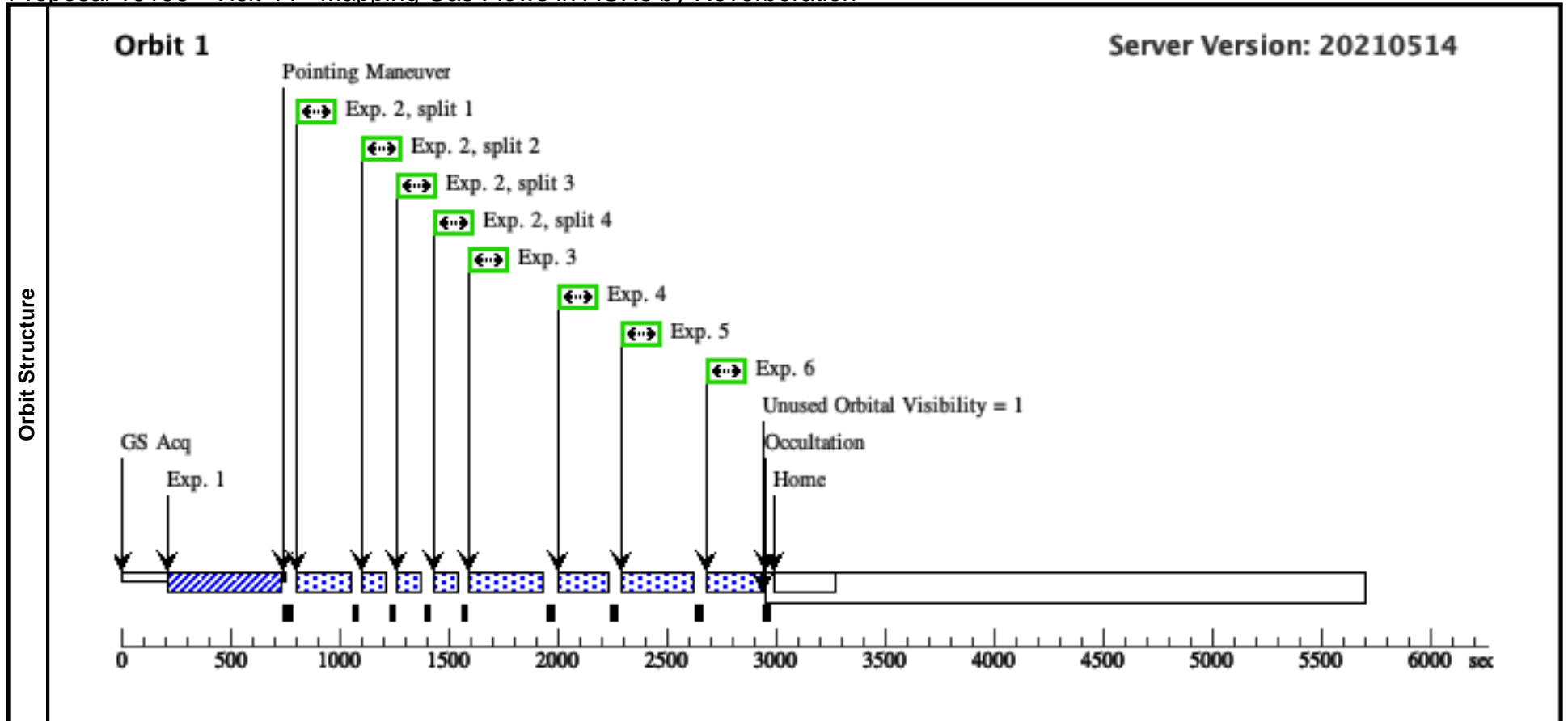
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4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																								
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6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																								



Proposal 16196 - Visit 44 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

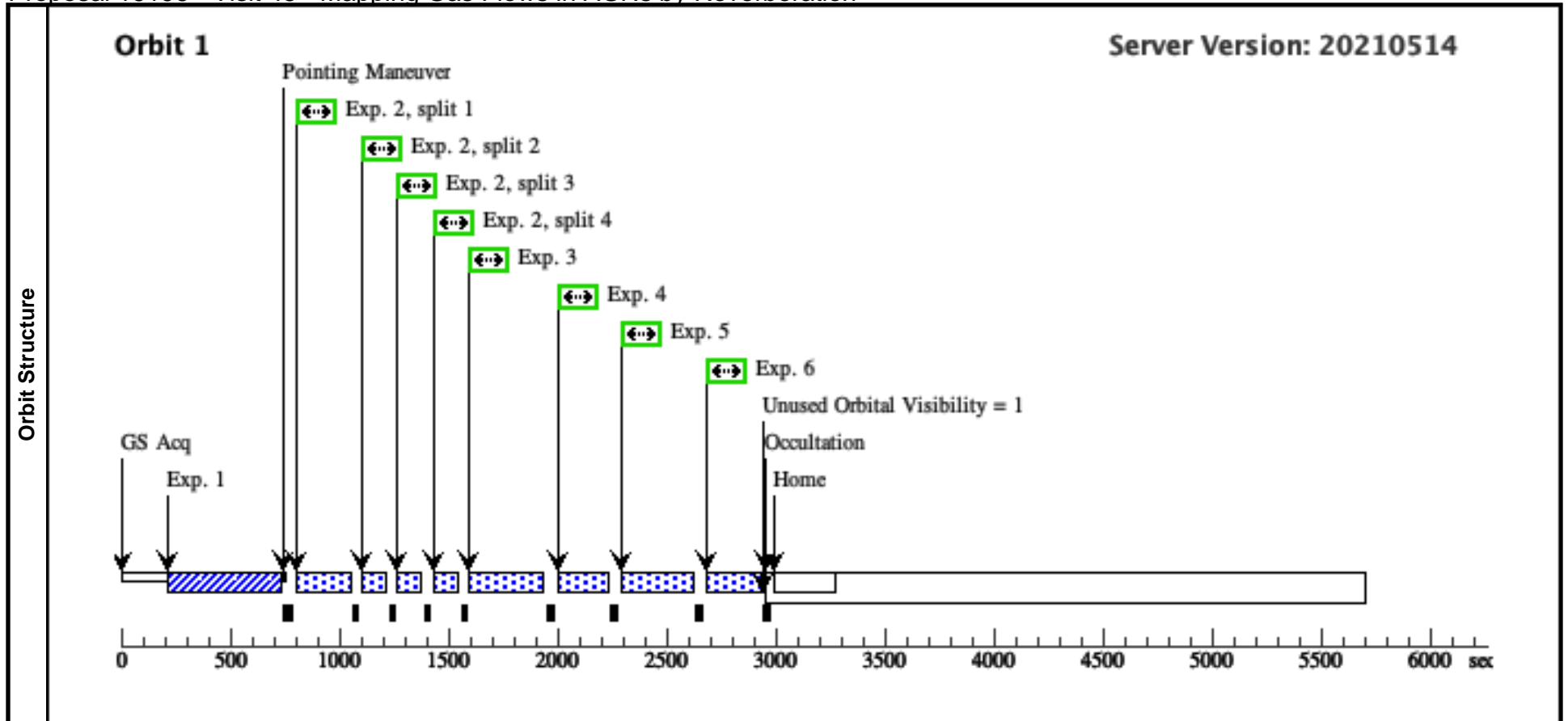
Visit	Proposal 16196, Visit 44, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 16-FEB-2021:06:49:23 AND 17-FEB-2021:06:49:23									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 45 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

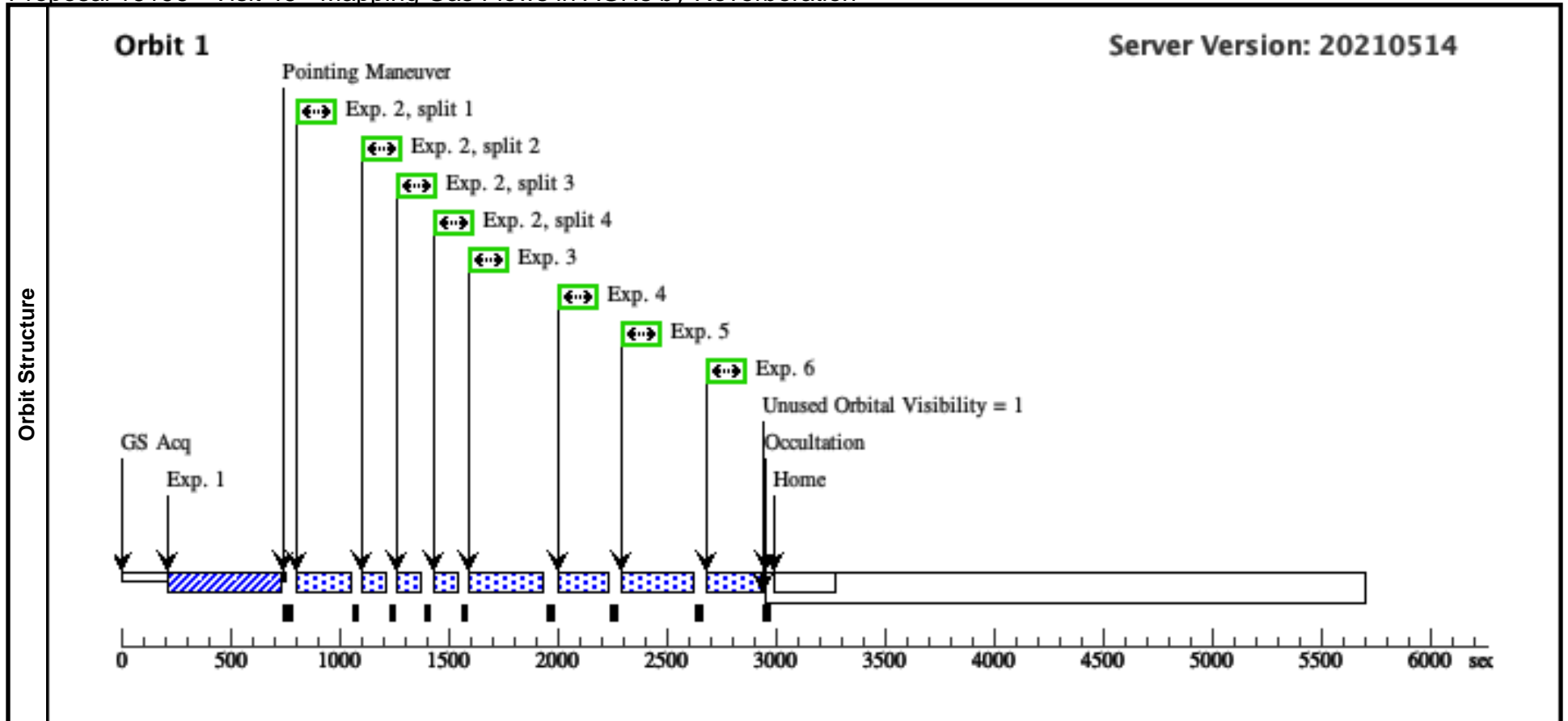
Visit	Proposal 16196, Visit 45, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 18-FEB-2021:05:51:56 AND 19-FEB-2021:05:51:56									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 46 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

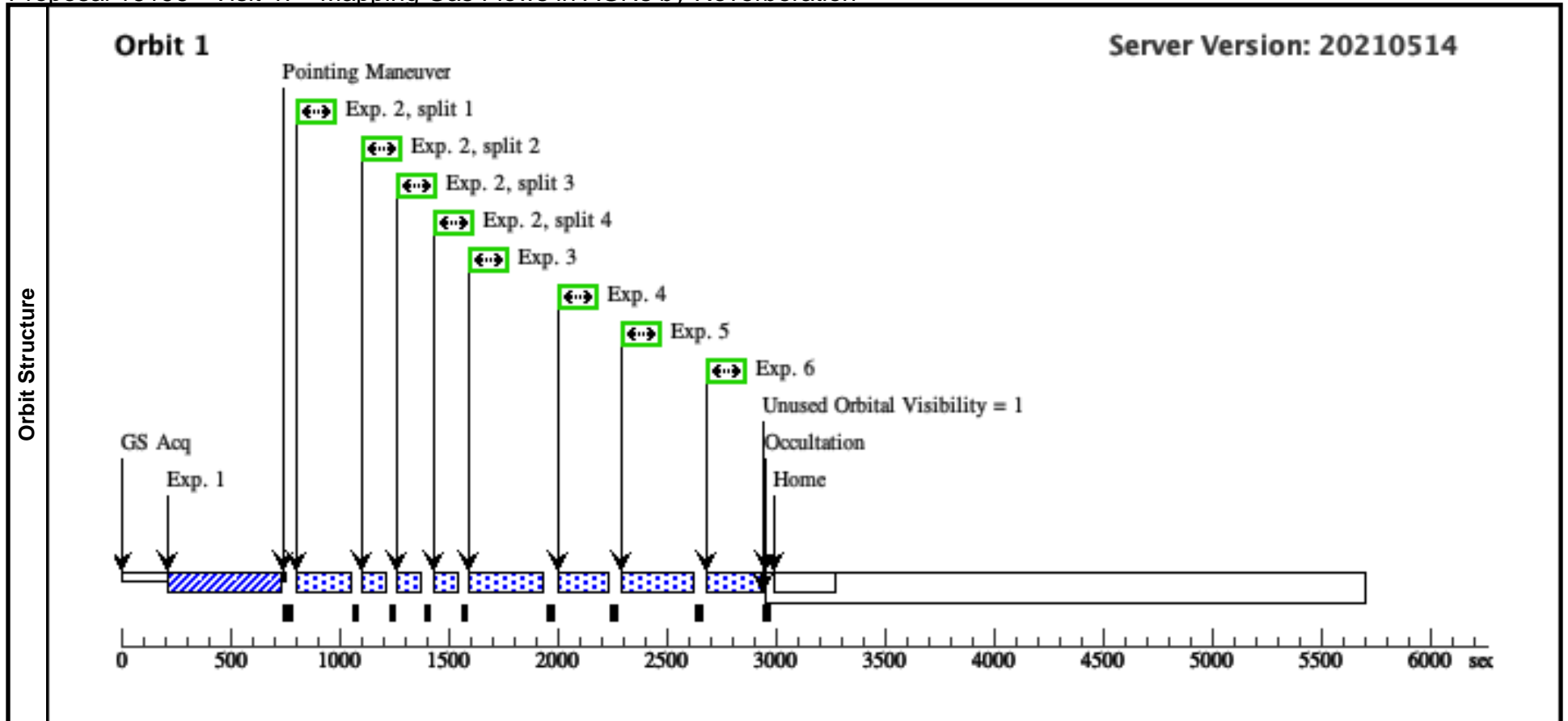
Visit	Proposal 16196, Visit 46, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 20-FEB-2021:04:54:28 AND 21-FEB-2021:04:54:28																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																												
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																								
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																																																																								
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2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																								
3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																																																																								
4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																								
5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																								
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																								



Proposal 16196 - Visit 47 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

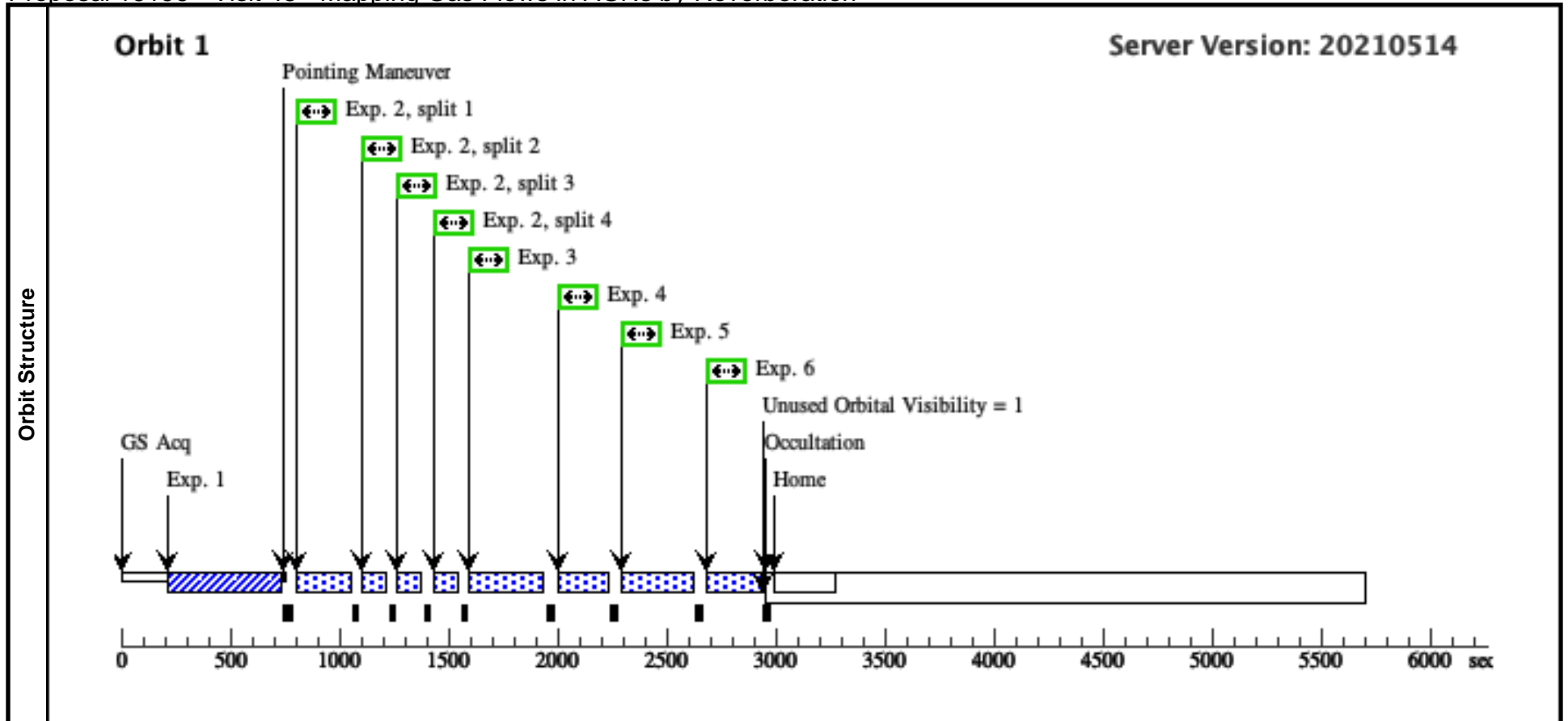
Visit	Proposal 16196, Visit 47, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 22-FEB-2021:03:57:01 AND 23-FEB-2021:03:57:01									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



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Wed Jan 12 18:05:46 GMT 2022

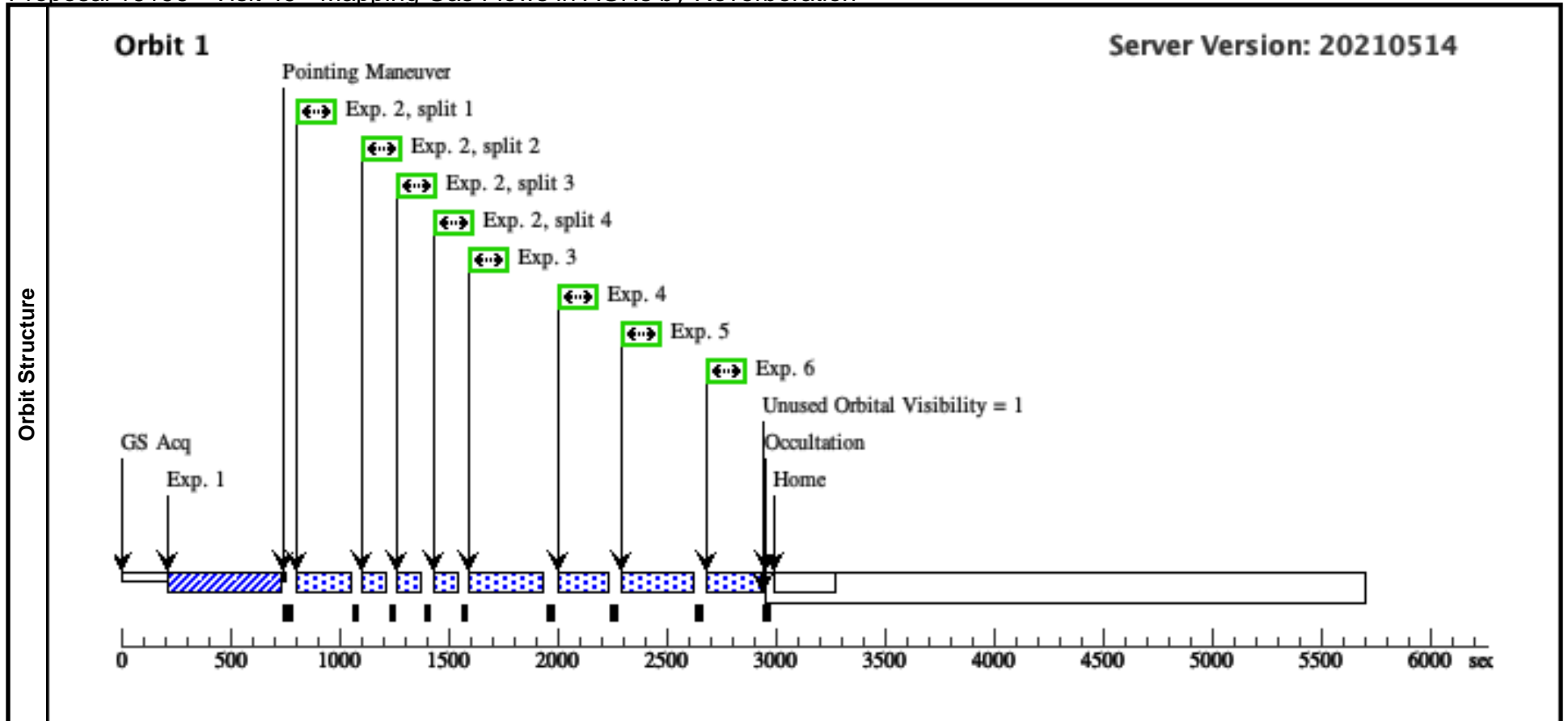
Visit	Proposal 16196, Visit 48, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 24-FEB-2021:02:59:34 AND 25-FEB-2021:02:59:34																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																																												
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																												
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																								
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																																																																								
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2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																								
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4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																								
5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																								
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																								



Proposal 16196 - Visit 49 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

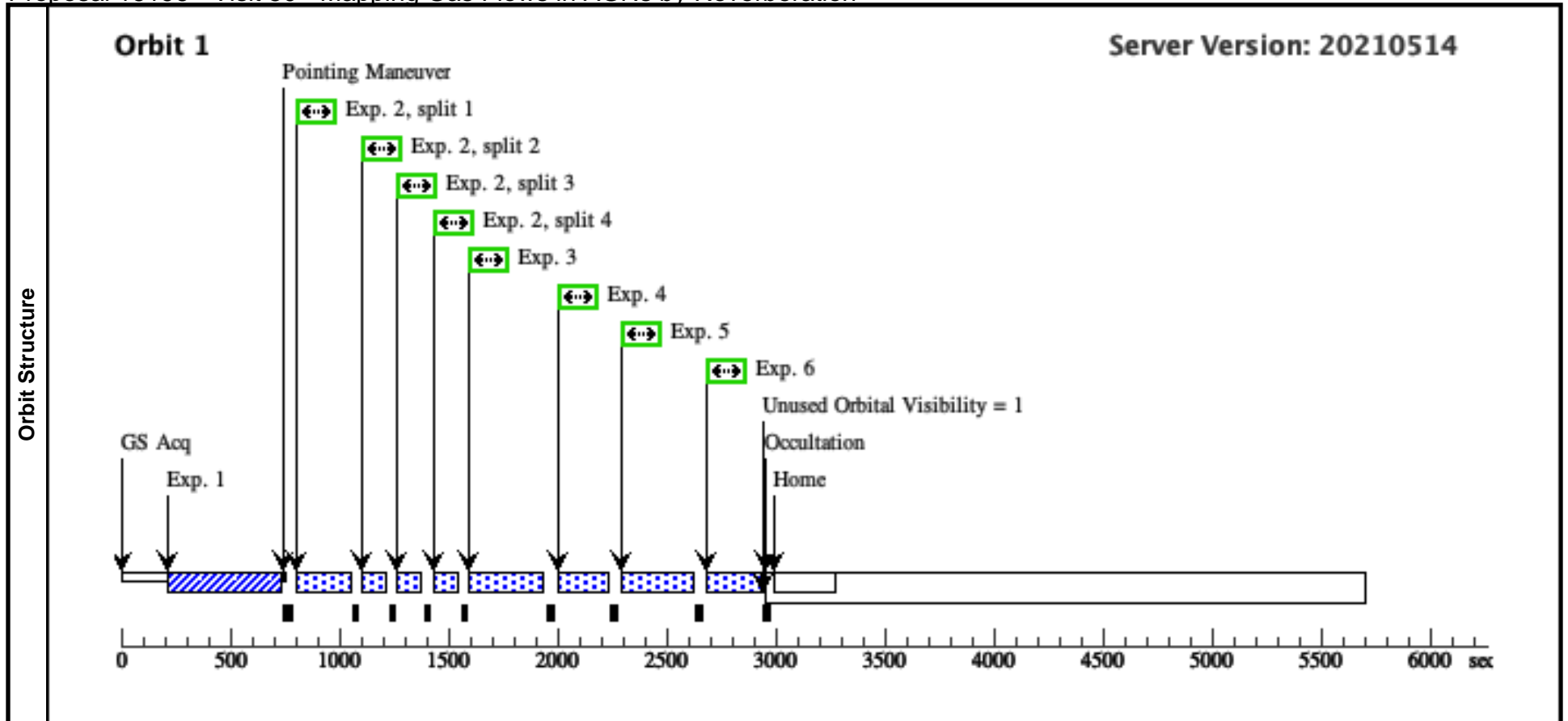
Visit	Proposal 16196, Visit 49, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 26-FEB-2021:02:02:06 AND 27-FEB-2021:02:02:06									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 50 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

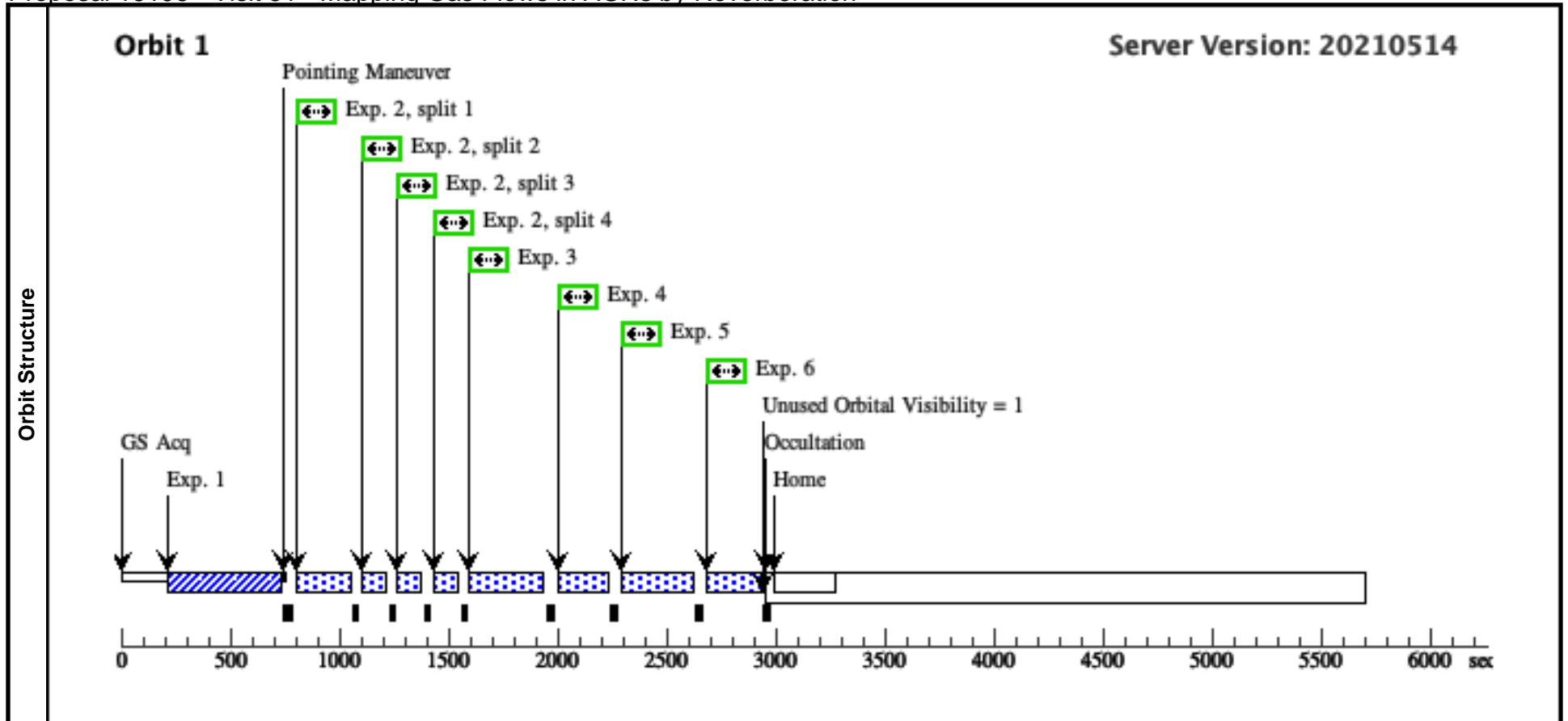
Visit		Proposal 16196, Visit 50, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 28-FEB-2021:01:04:39 AND 01-MAR-2021:01:04:39									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 51 - Mapping Gas Flows in AGNs by Reverberation

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Visit	Proposal 16196, Visit 51, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 02-MAR-2021:00:07:12 AND 03-MAR-2021:00:07:12									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



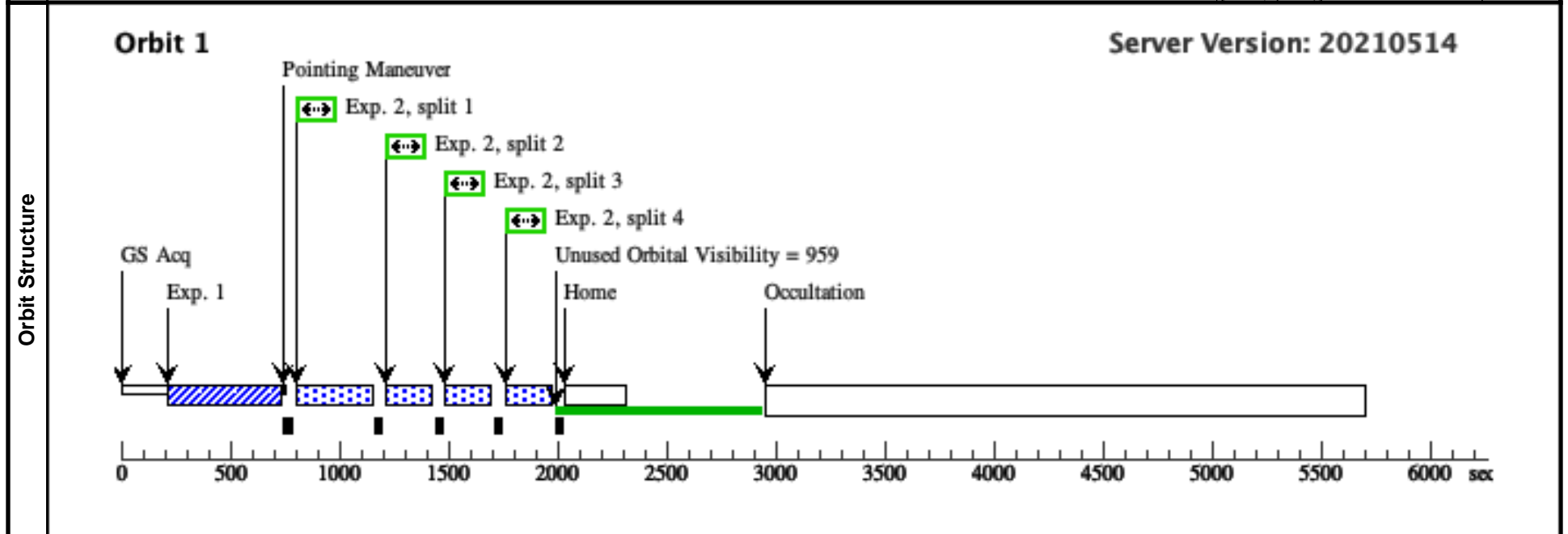
Proposal 16196 - GAP SHORT G130M (52) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

Visit	Proposal 16196, GAP SHORT G130M (52), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 05-MAR-2021:22:12:17 AND 06-MAR-2021:22:12:17; GROUP 52.53 WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			160. Secs (640 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



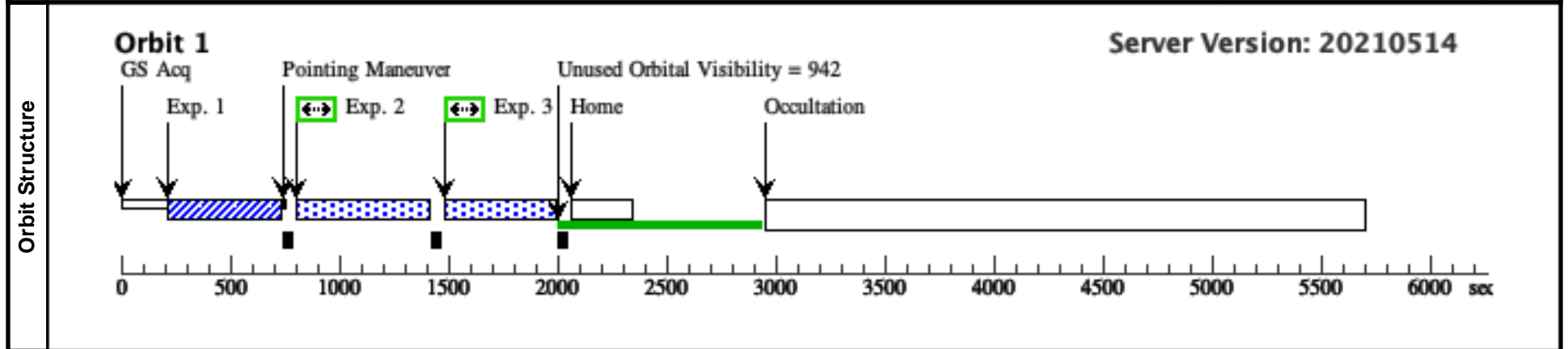
Proposal 16196 - GAP SHORT G160M (53) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

Visit	Proposal 16196, GAP SHORT G160M (53), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 05-MAR-2021:22:12:17 AND 06-MAR-2021:22:12:17; GROUP 53.52 WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=3			380. Secs (380 Secs) [==>]	[1]
	3	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00.; FP-POS=3			380. Secs (380 Secs) [==>]	[1]



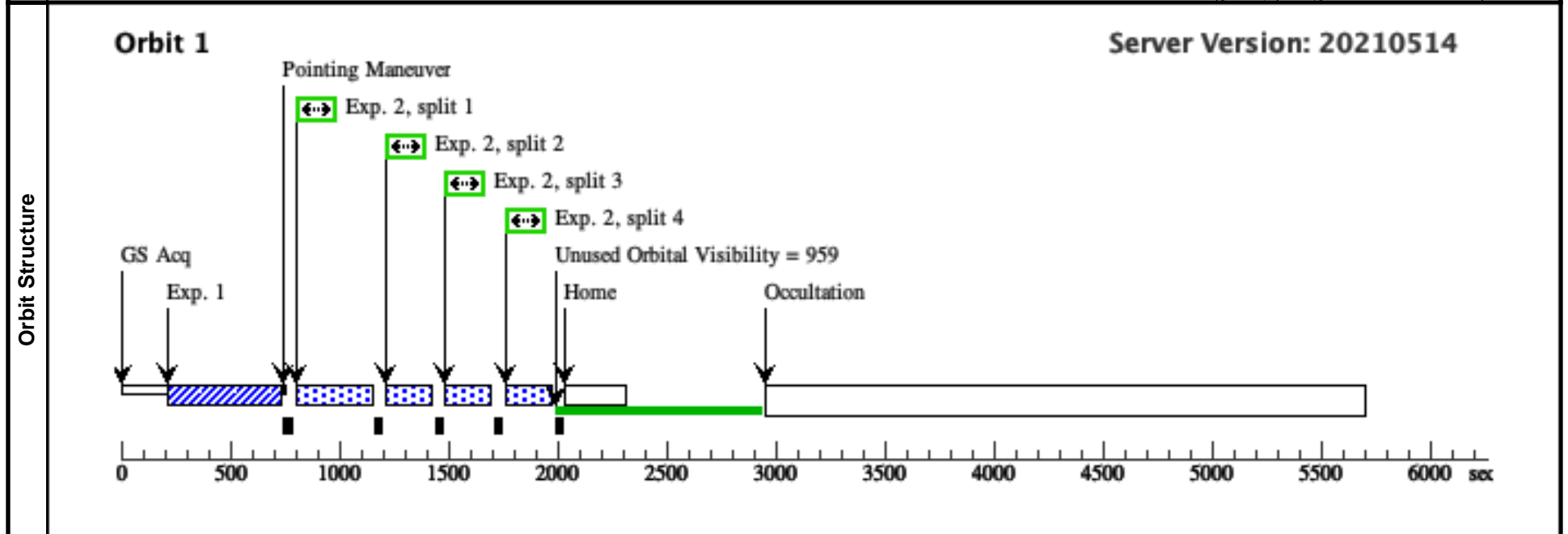
Proposal 16196 - GAP SHORT G130M (56) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

Visit	Proposal 16196, GAP SHORT G130M (56), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 11-MAR-2021:19:19:55 AND 12-MAR-2021:19:19:55; GROUP 56,57 WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			160. Secs (640 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



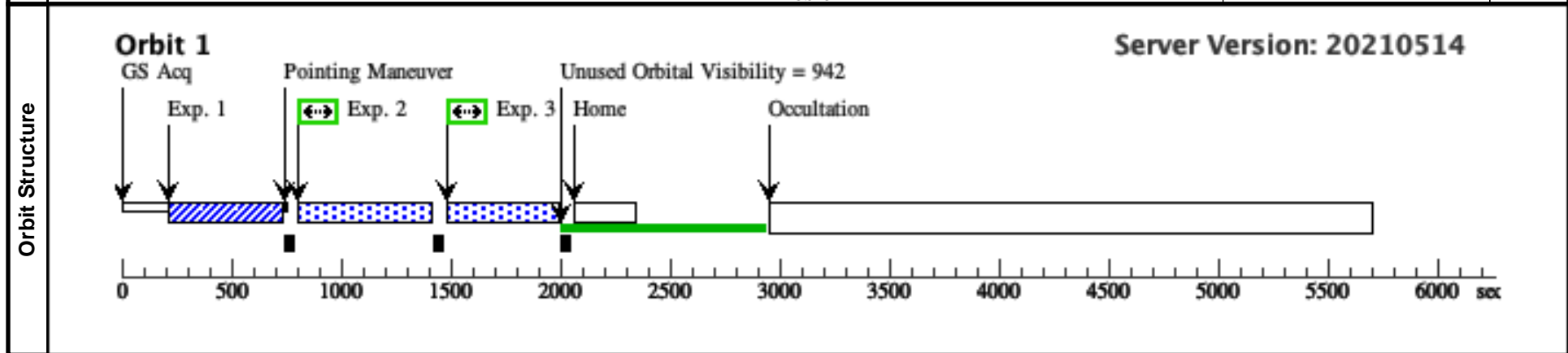
Proposal 16196 - GAP SHORT G160M (57) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

Visit	Proposal 16196, GAP SHORT G160M (57), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 11-MAR-2021:19:19:55 AND 12-MAR-2021:19:19:55; GROUP 57.56 WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

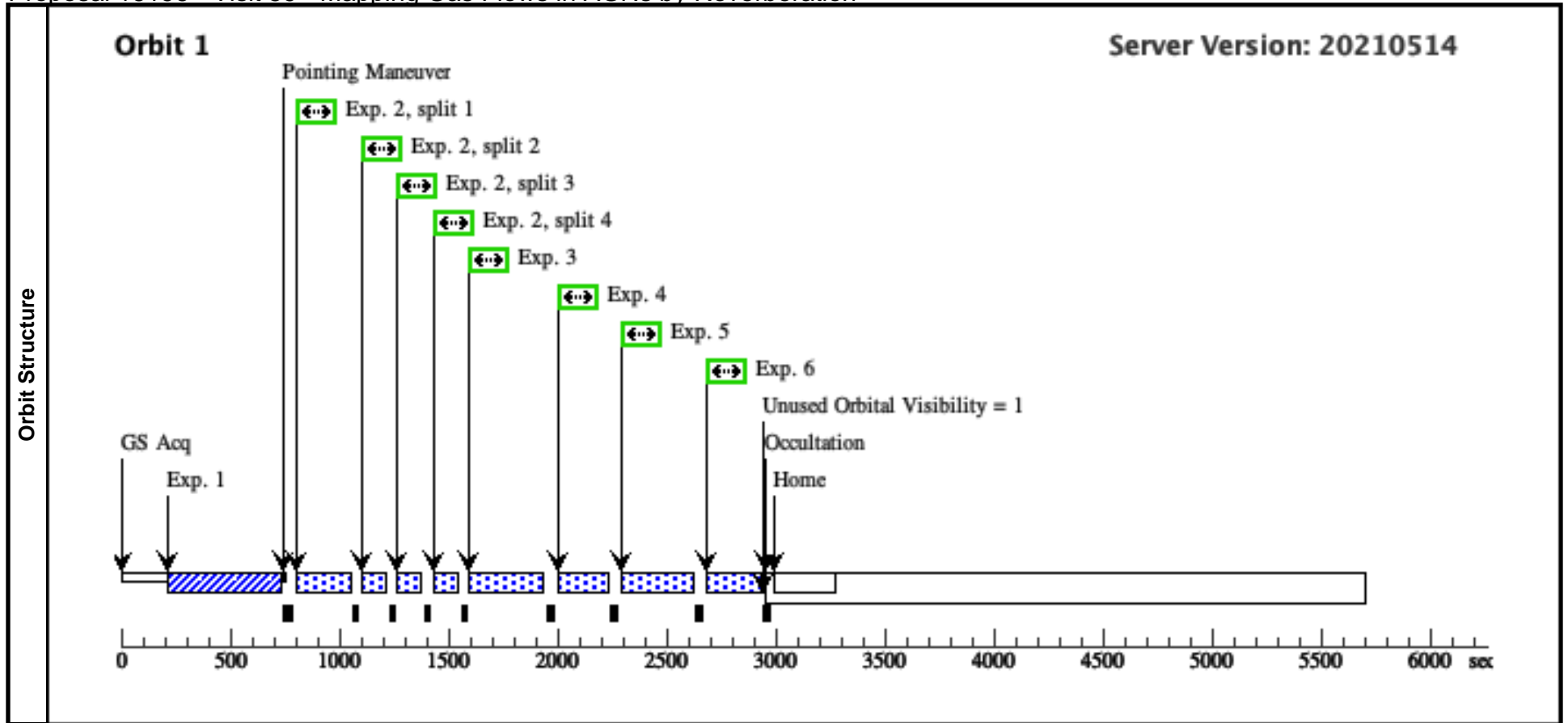
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=3			380. Secs (380 Secs) [==>]	[1]	
	3	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00.; FP-POS=3			380. Secs (380 Secs) [==>]	[1]	



Proposal 16196 - Visit 59 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

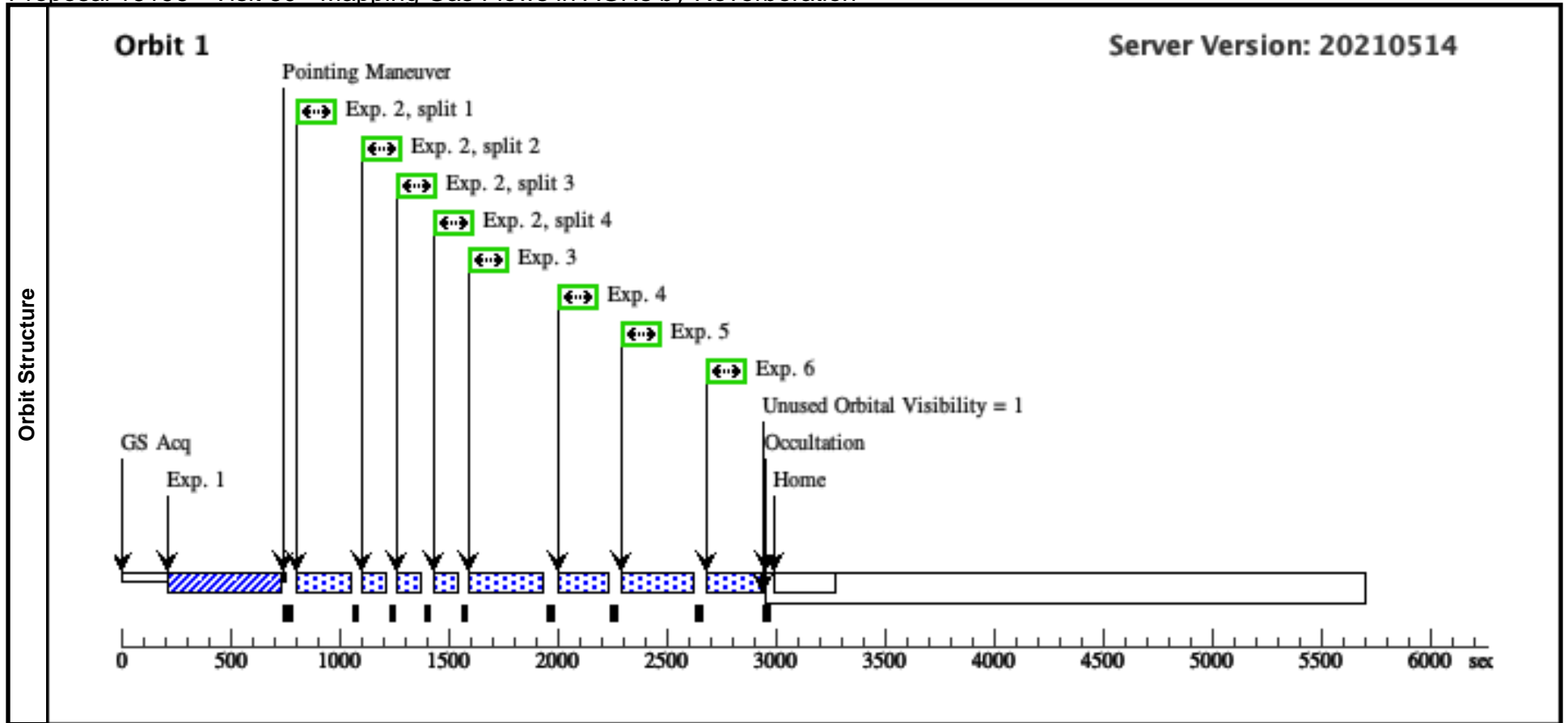
Visit	Proposal 16196, Visit 59, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 17-MAR-2021:16:27:33 AND 18-MAR-2021:16:27:33																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 60 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

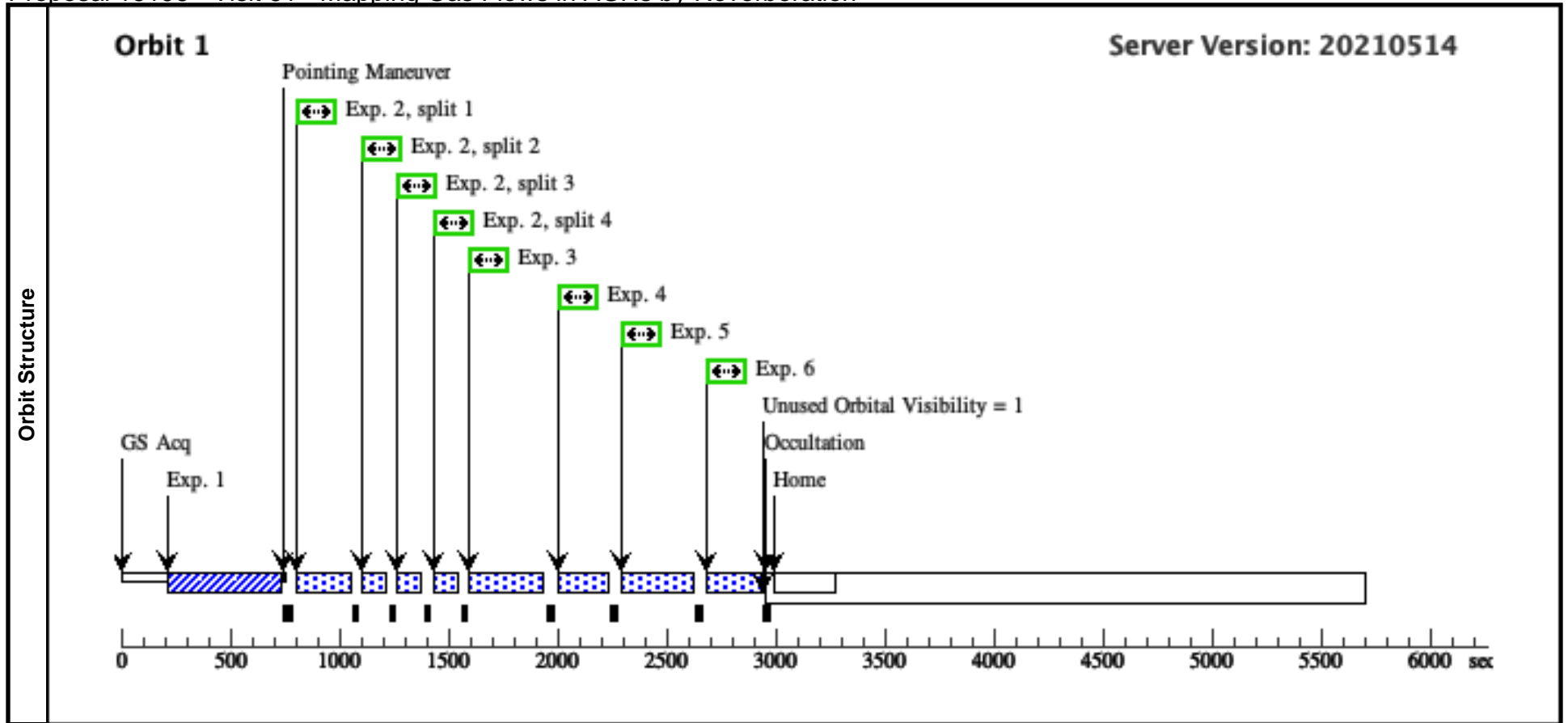
Visit	Proposal 16196, Visit 60, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 19-MAR-2021:15:30:05 AND 20-MAR-2021:15:30:05																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 61 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

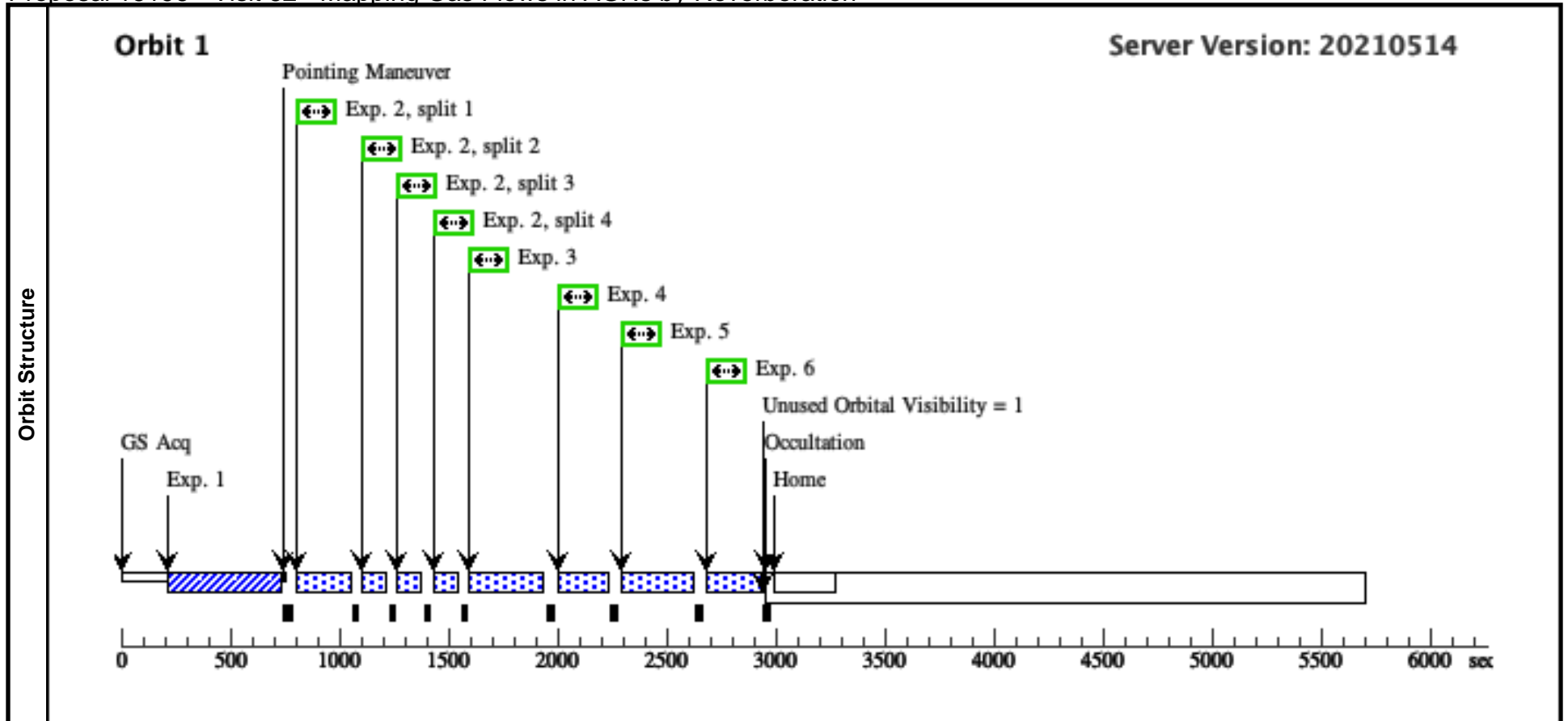
Visit	Proposal 16196, Visit 61, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 21-MAR-2021:14:32:38 AND 22-MAR-2021:14:32:38									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
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Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
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	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 62 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

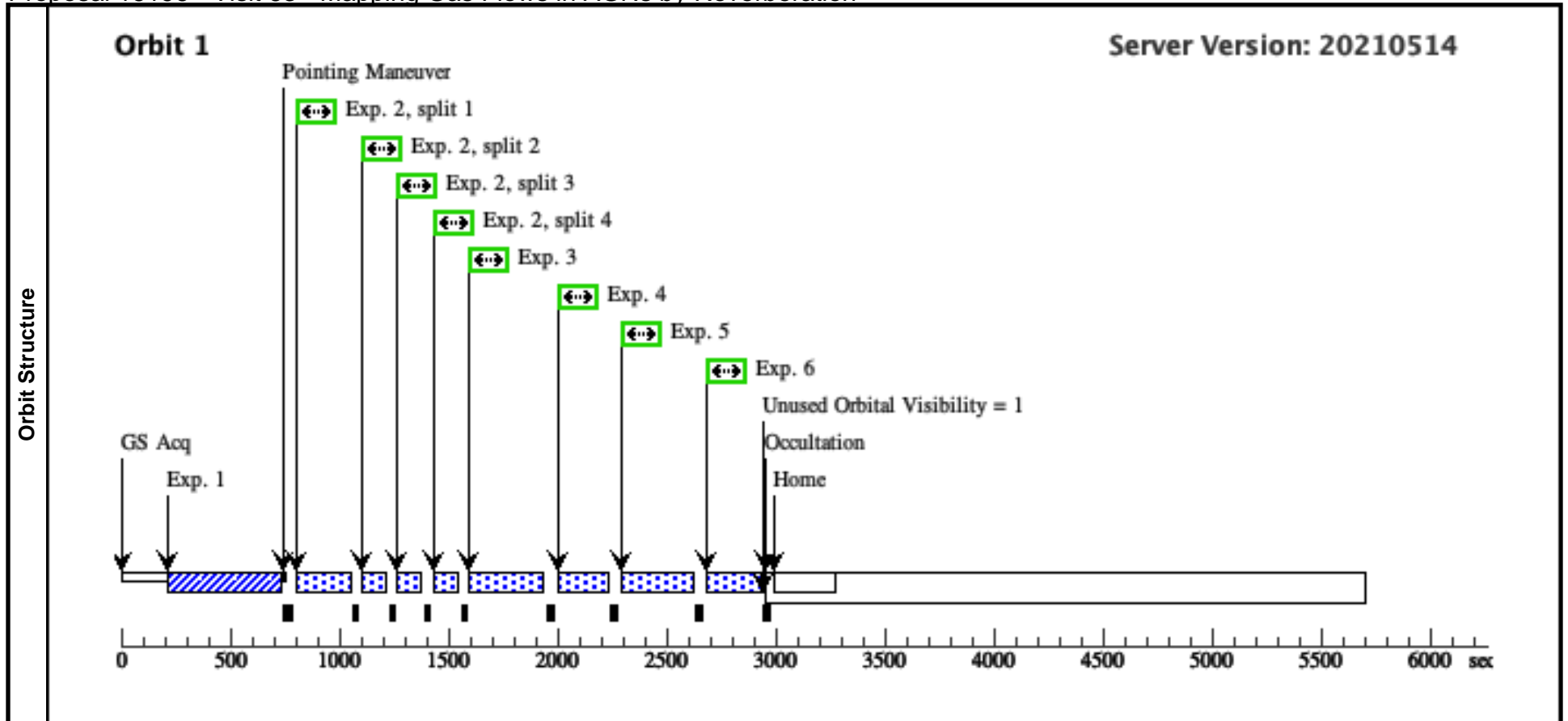
Visit	Proposal 16196, Visit 62, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 23-MAR-2021:13:35:11 AND 24-MAR-2021:13:35:11																																																																																
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(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																												
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																								
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6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																								



Proposal 16196 - Visit 63 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:46 GMT 2022

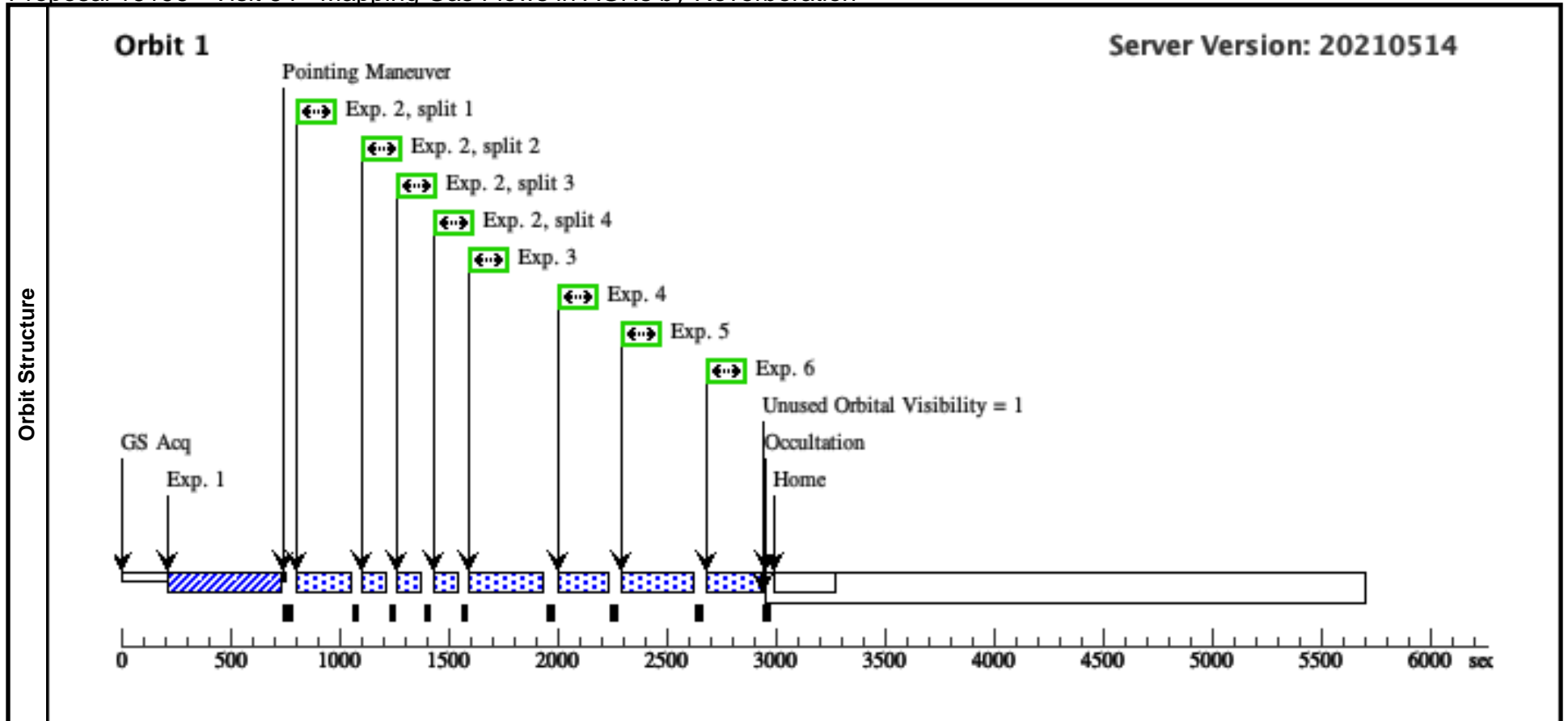
Visit	Proposal 16196, Visit 63, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 25-MAR-2021:12:37:43 AND 26-MAR-2021:12:37:43									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



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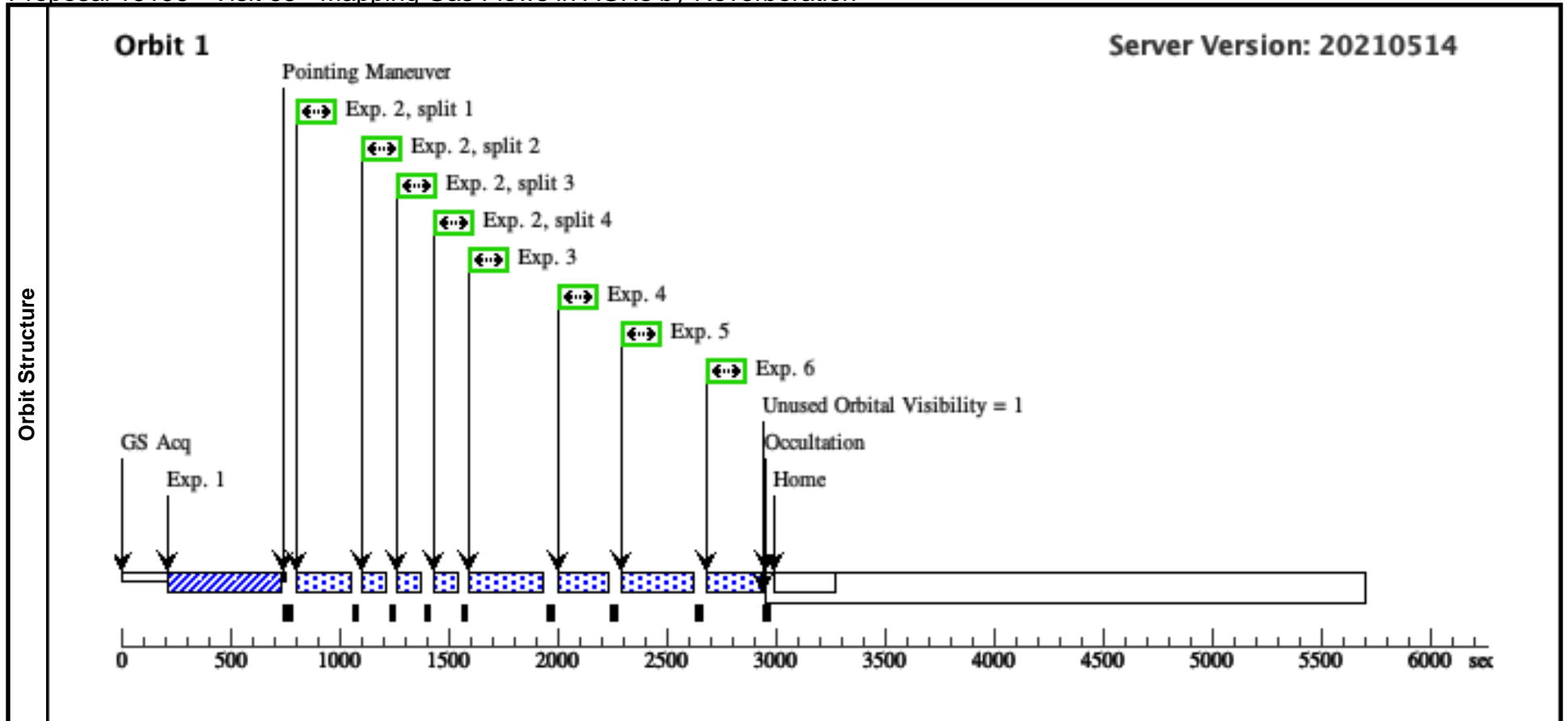
Visit	Proposal 16196, Visit 64, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 27-MAR-2021:11:40:16 AND 28-MAR-2021:11:40:16									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



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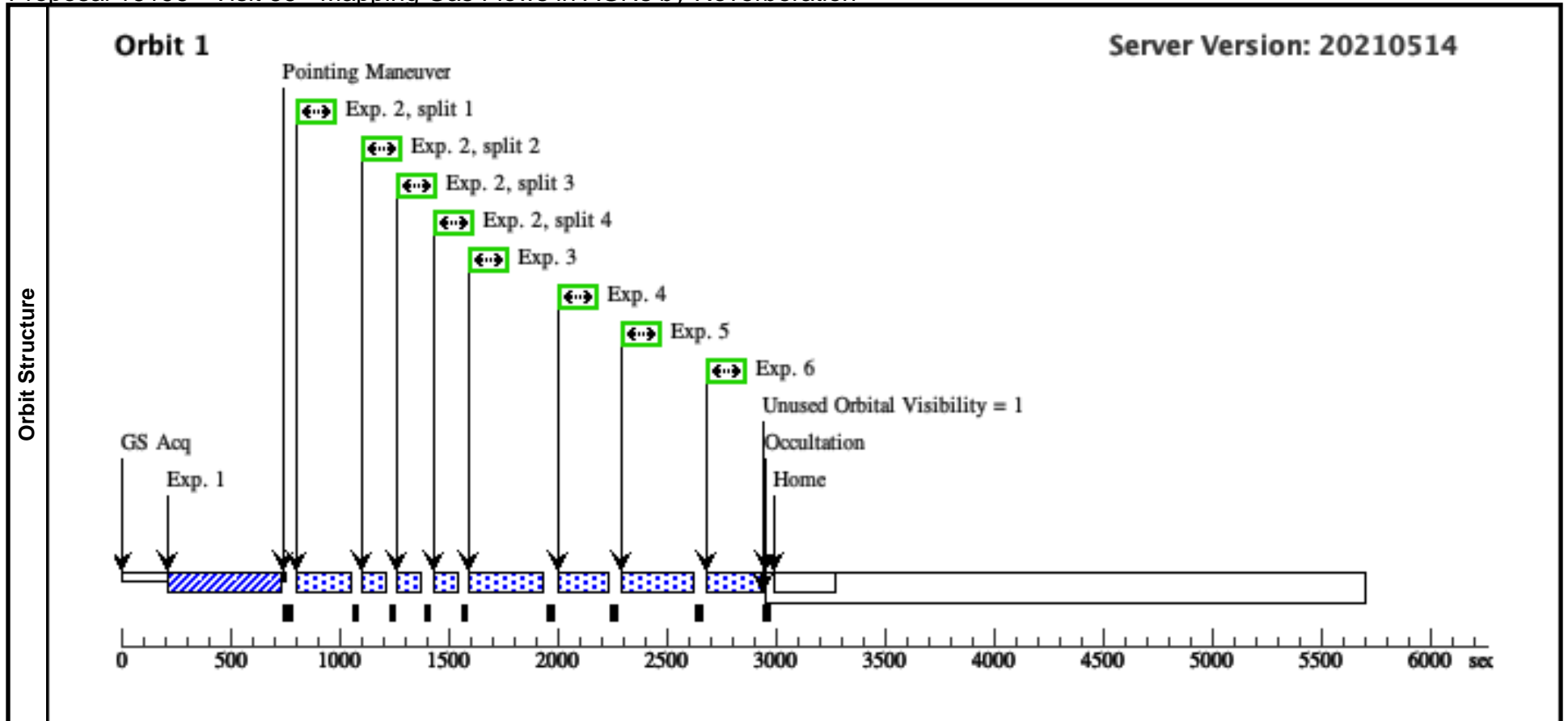
Visit		Proposal 16196, Visit 65, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 29-MAR-2021:10:42:48 AND 30-MAR-2021:10:42:48									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 66 - Mapping Gas Flows in AGNs by Reverberation

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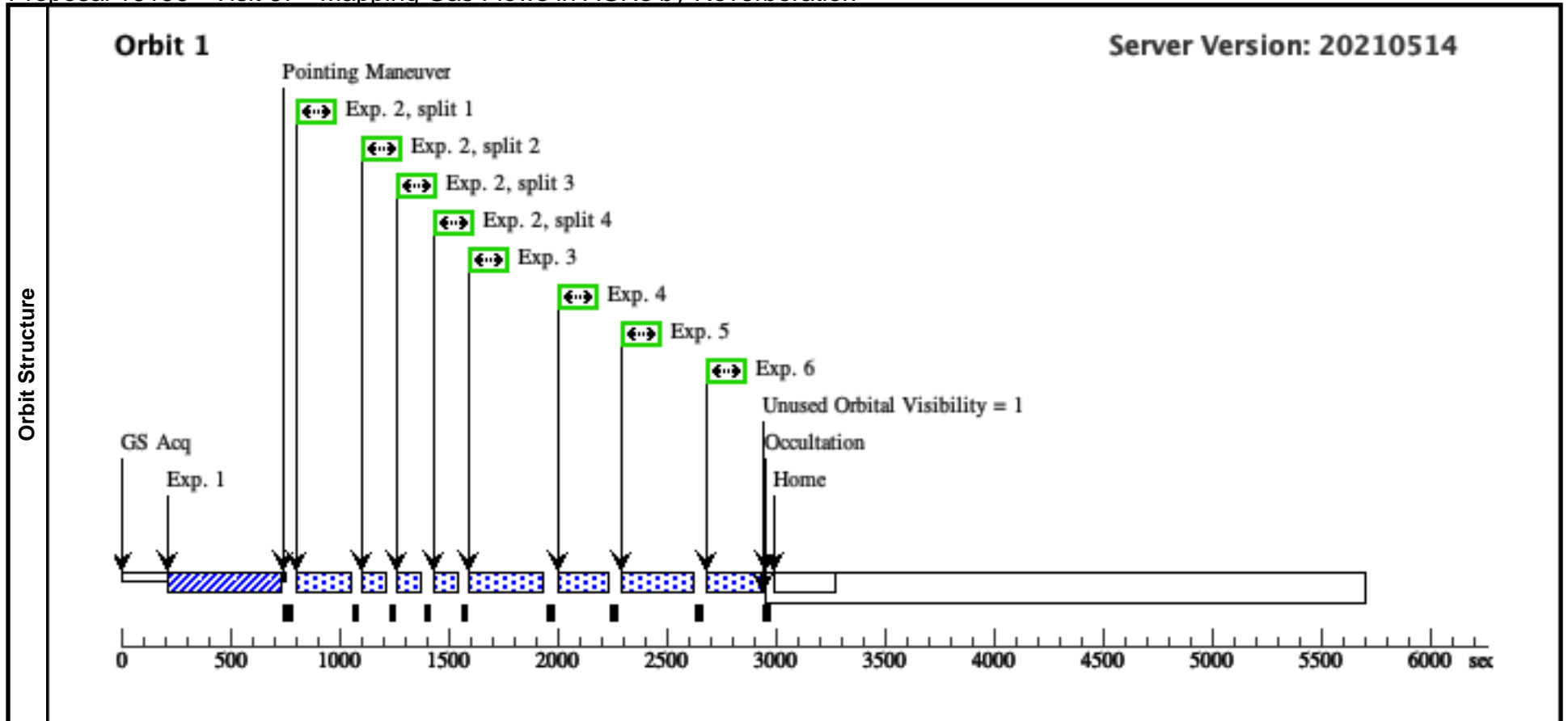
Visit		Proposal 16196, Visit 66, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 31-MAR-2021:09:45:21 AND 01-APR-2021:09:45:21								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 67 - Mapping Gas Flows in AGNs by Reverberation

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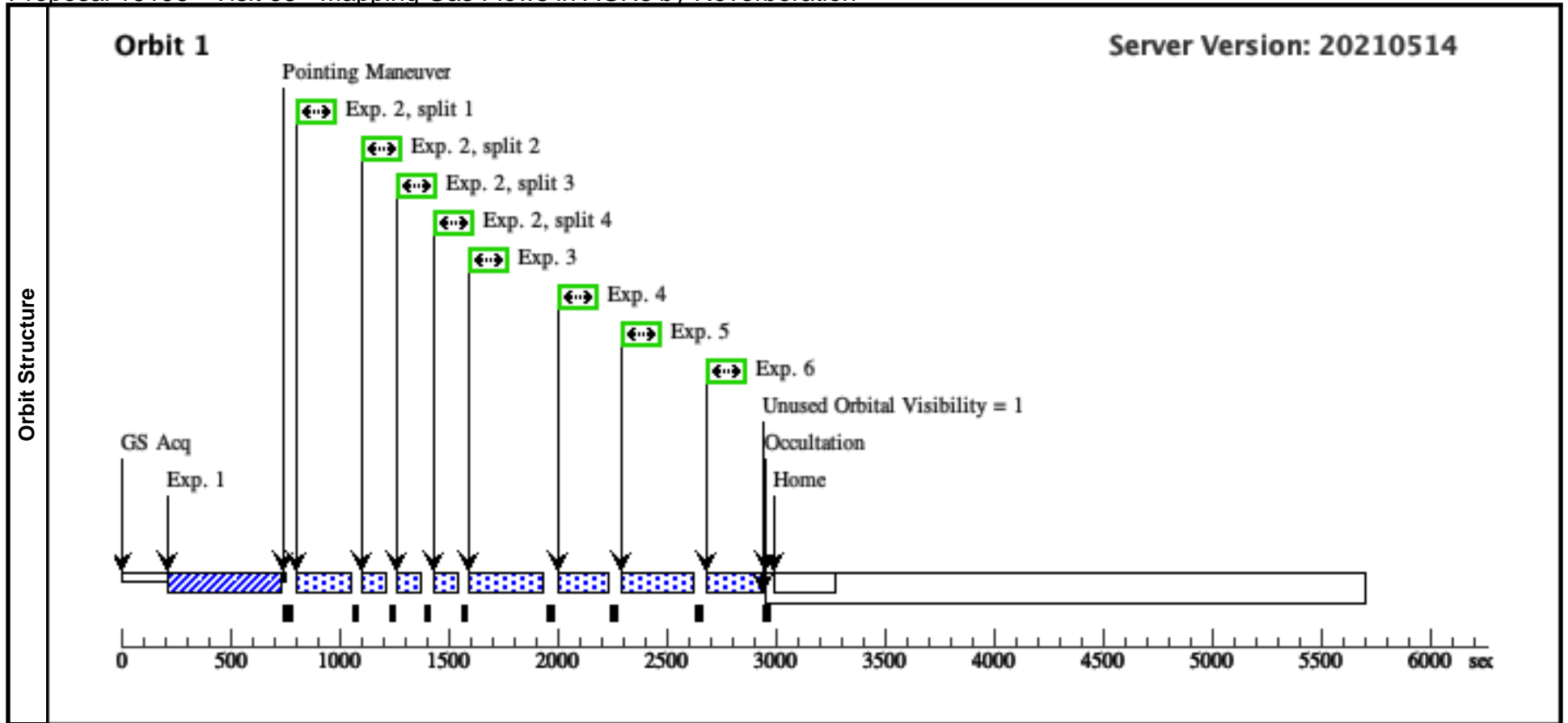
Visit	Proposal 16196, Visit 67, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 02-APR-2021:08:47:54 AND 03-APR-2021:08:47:54									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 68 - Mapping Gas Flows in AGNs by Reverberation

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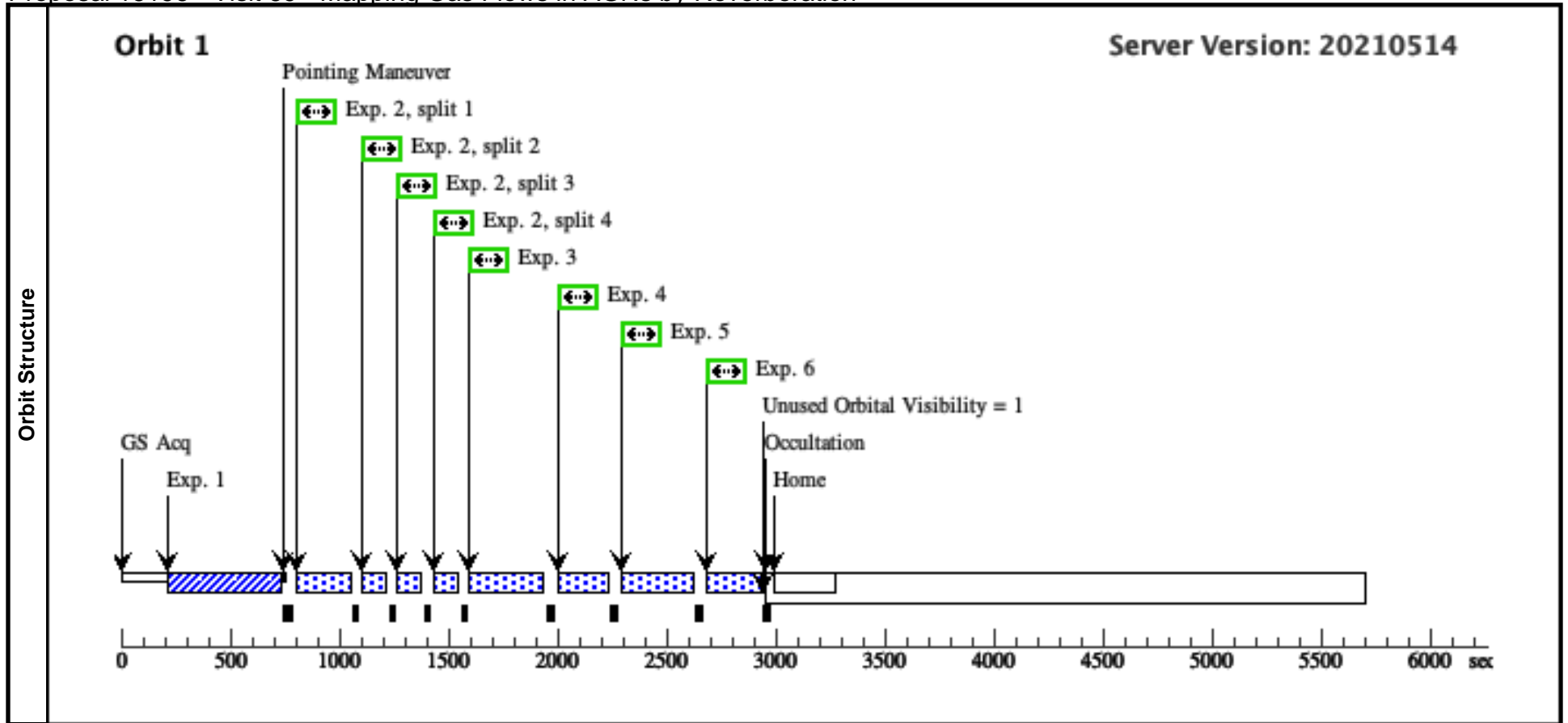
Visit	Proposal 16196, Visit 68, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 04-APR-2021:07:50:26 AND 05-APR-2021:07:50:26									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 69 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

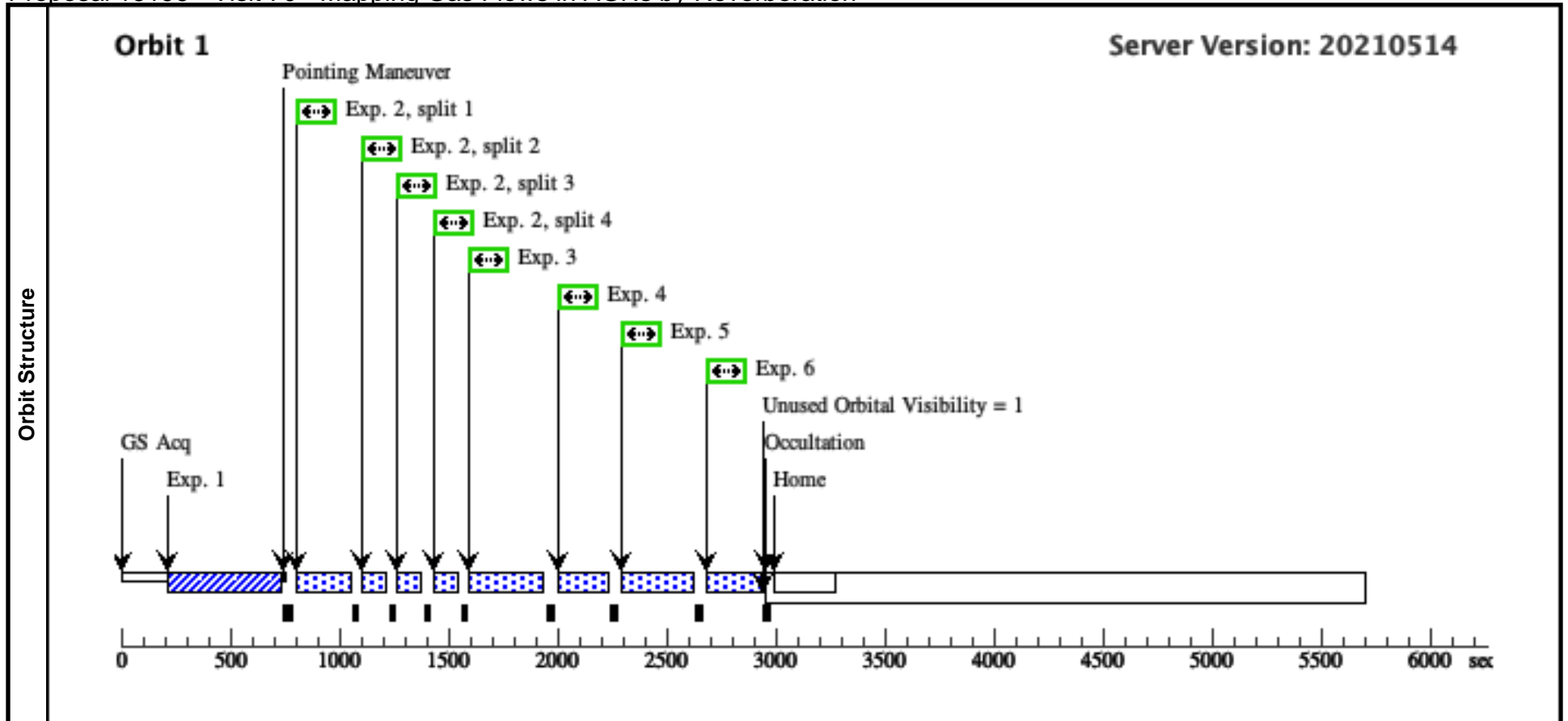
Visit	Proposal 16196, Visit 69, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 06-APR-2021:06:52:59 AND 07-APR-2021:06:52:59																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																								
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																																																																								
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2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																								
3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																																																																								
4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																								
5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																								
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																								



Proposal 16196 - Visit 70 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

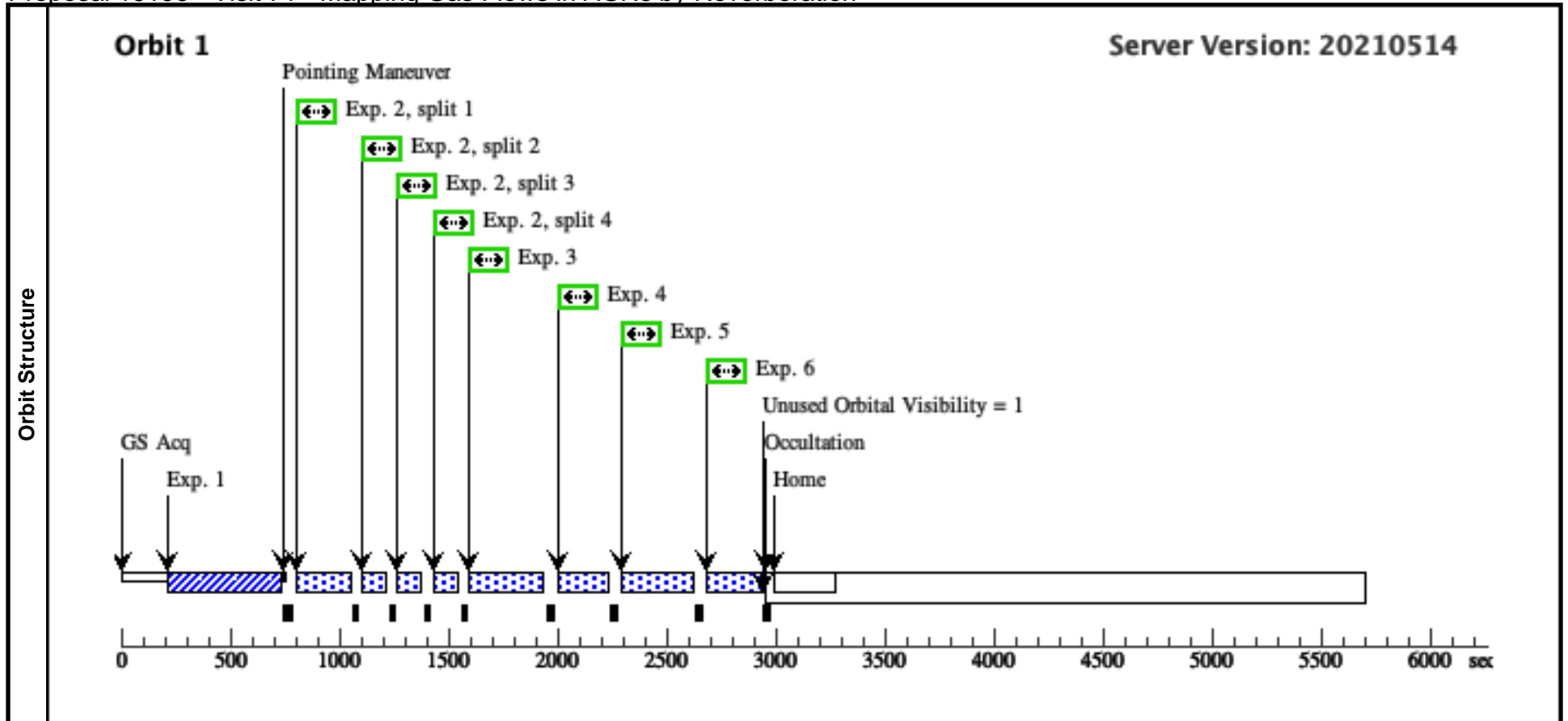
Visit	Proposal 16196, Visit 70, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 08-APR-2021:05:55:32 AND 09-APR-2021:05:55:32									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 71 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

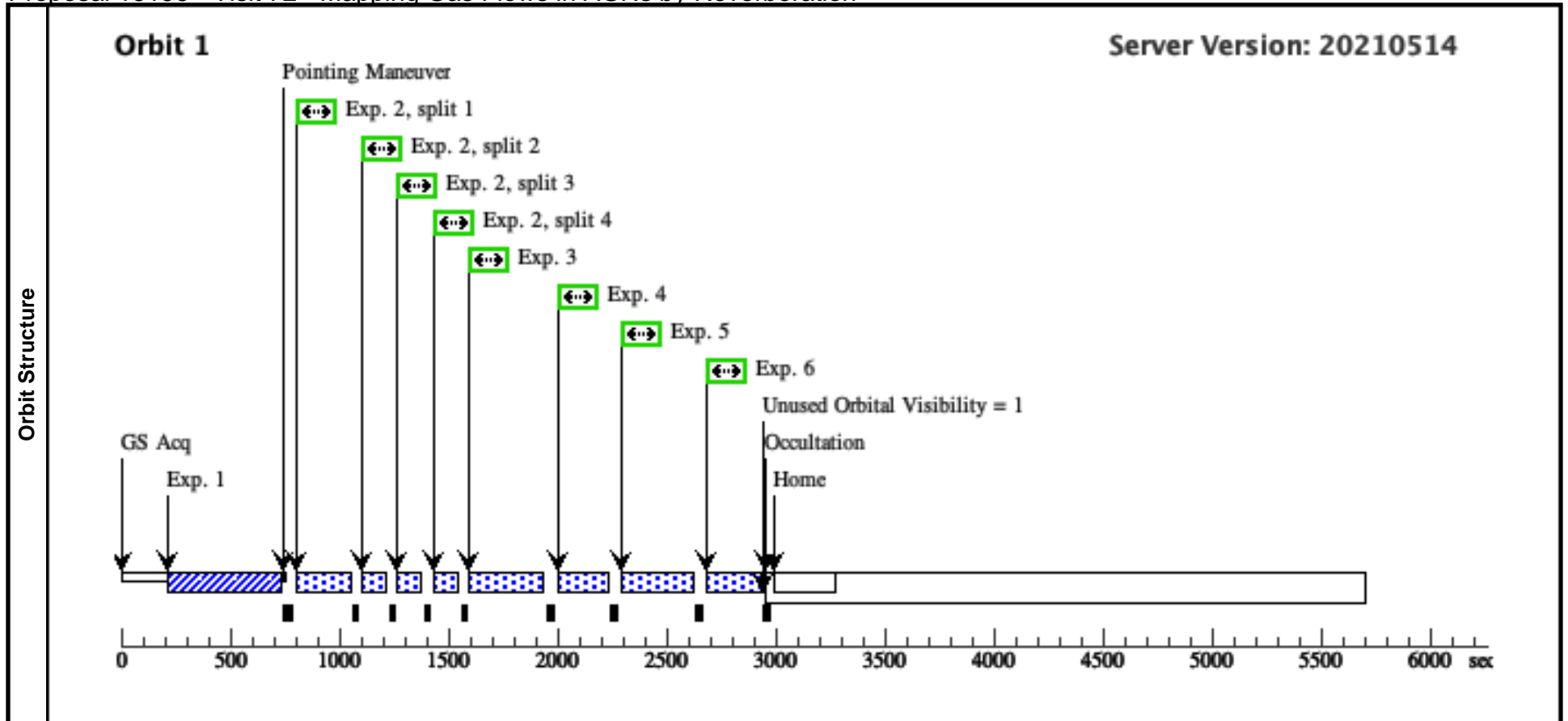
Visit	Proposal 16196, Visit 71, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 10-APR-2021:04:58:04 AND 11-APR-2021:04:58:04									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 72 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

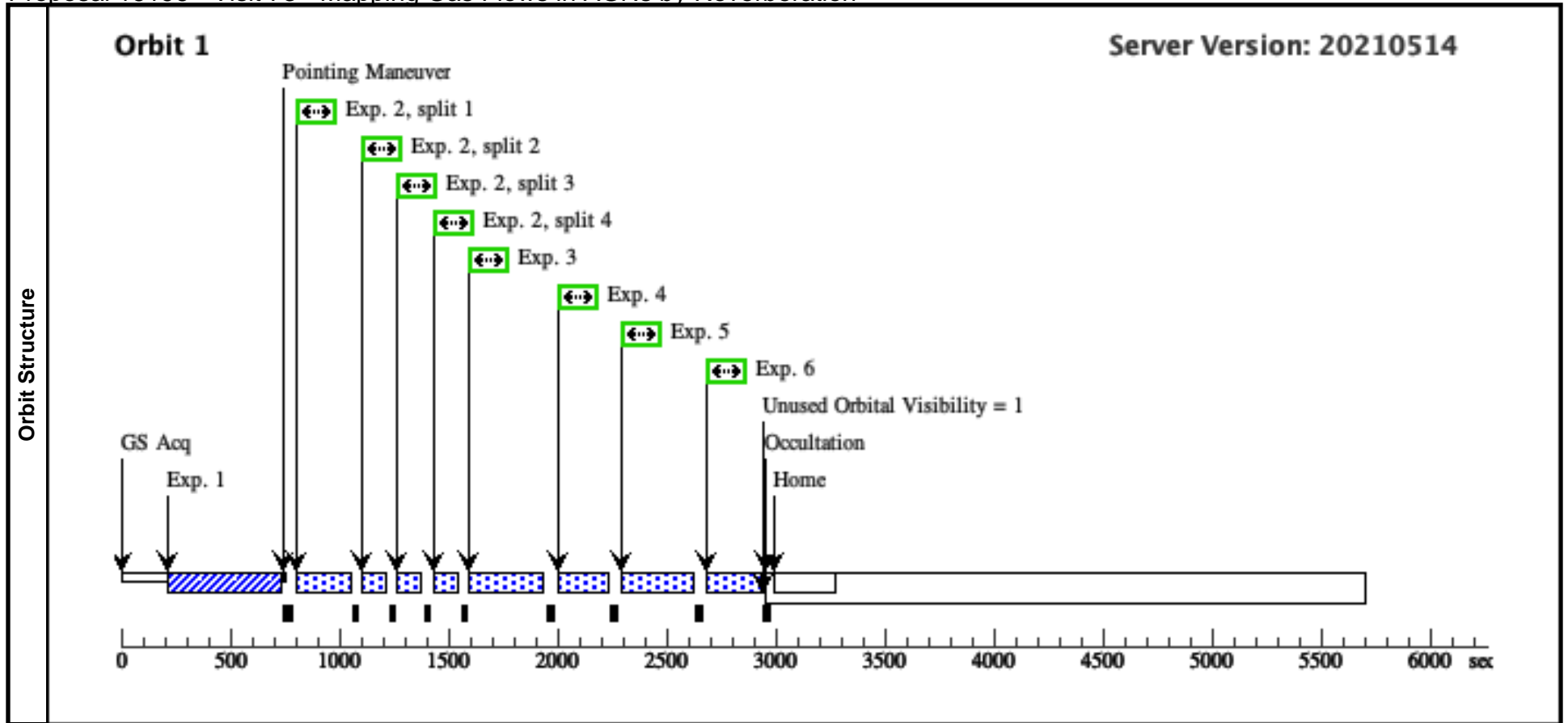
Visit	Proposal 16196, Visit 72, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 12-APR-2021:04:00:37 AND 13-APR-2021:04:00:37									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 73 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

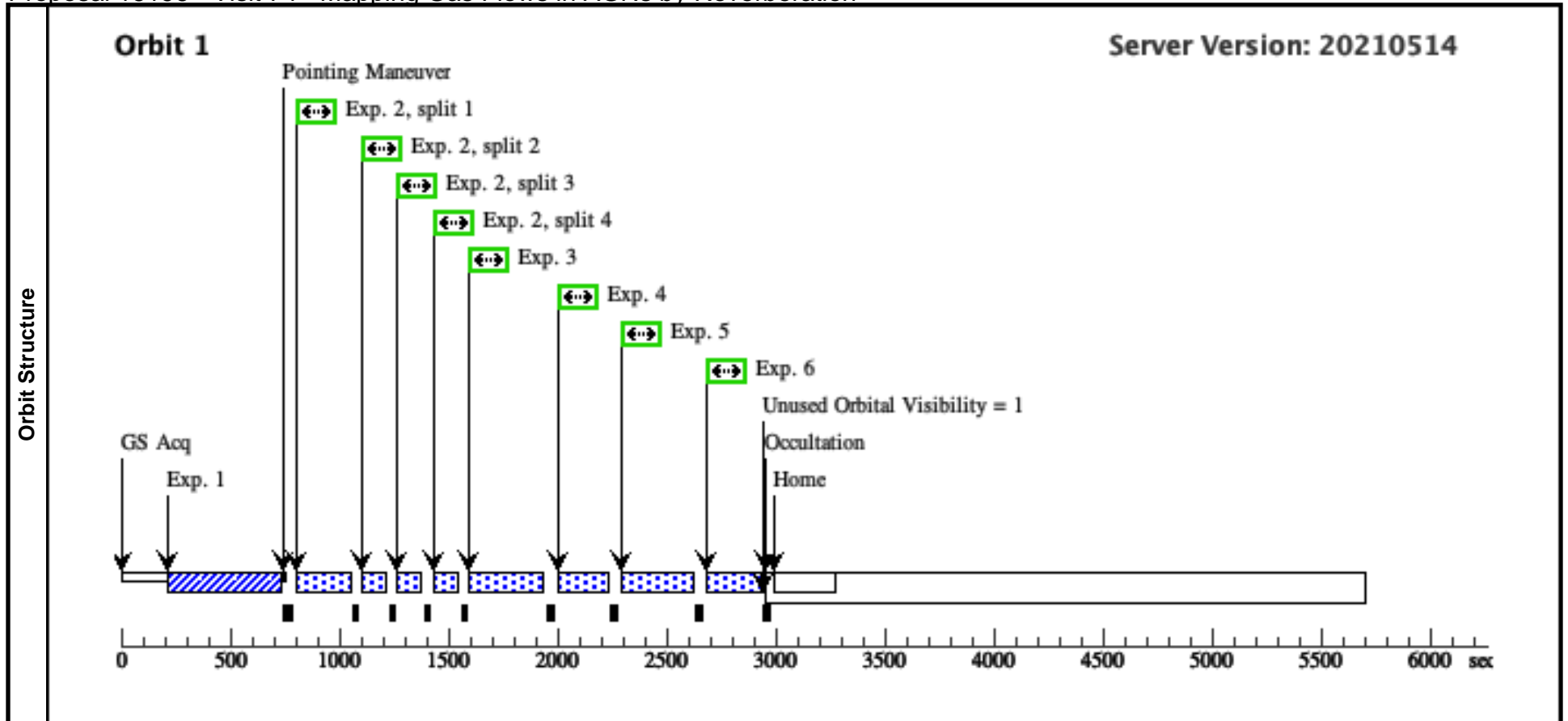
Visit	Proposal 16196, Visit 73, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 14-APR-2021:03:03:10 AND 15-APR-2021:03:03:10									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 74 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

Visit	Proposal 16196, Visit 74, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 15-APR-2021:12:00:00 AND 16-APR-2021:12:00:00																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																																												
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																												
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																								
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Proposal 16196 - COS+1096+STIS (75) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

Visit	Proposal 16196, COS+1096+STIS (75), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 16-APR-2021:21:00:00 AND 18-APR-2021:07:00:00 Comments: Adding an orbit for a G1300M/10096 exposure, plus placing the STIS exposures from Visit 99 here.					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=STIS-ALONG-SLIT Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90.0 Number Of Points=3 Angle Between Sides= Point Spacing=0.5 Center Pattern=false Line Spacing=		(10), (11)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

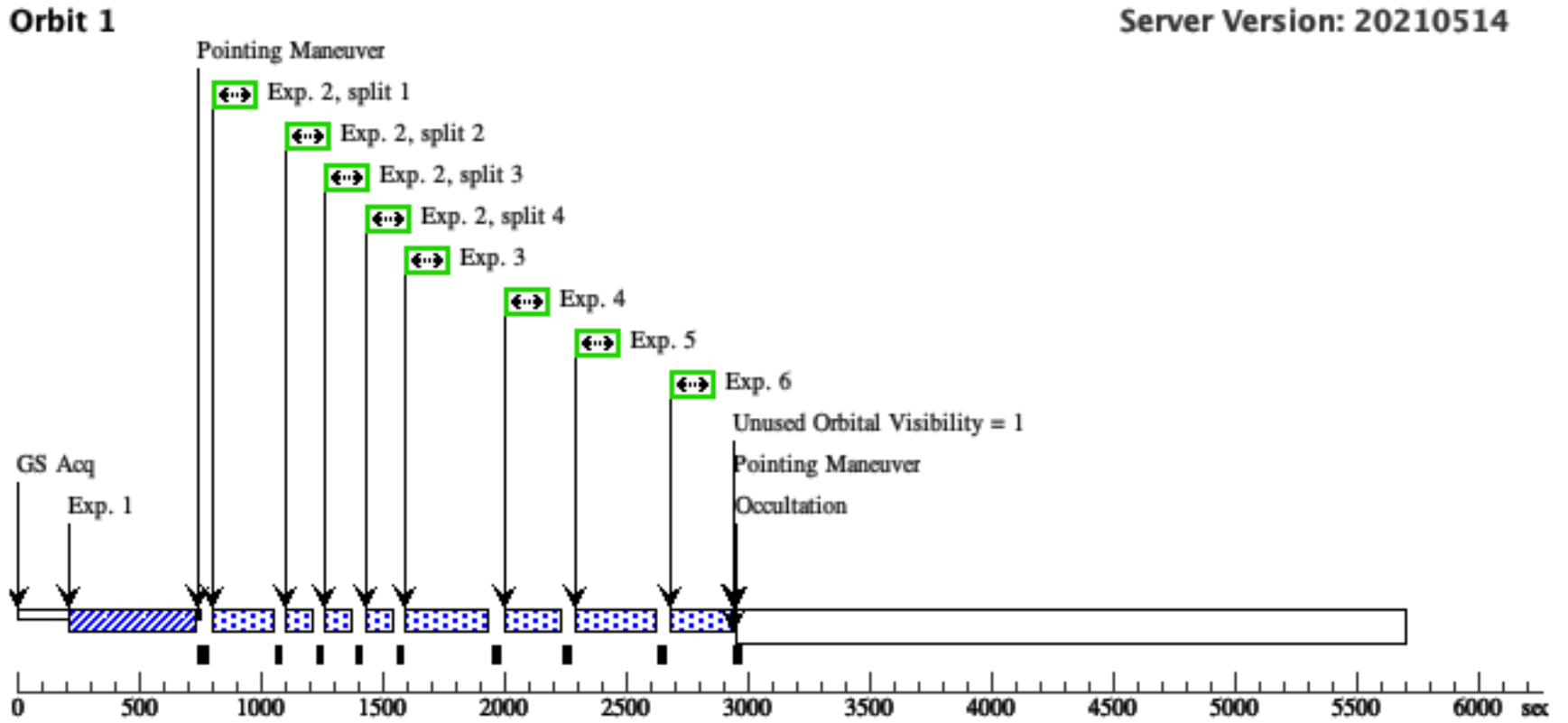
Proposal 16196 - COS+1096+STIS (75) - Mapping Gas Flows in AGNs by Reverberation

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA			140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>								
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL		60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1		175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2		180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3		195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4		195. Secs (195 Secs) [==>]	[1]
	7	(COS.sp.147 2497)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1096 A	BUFFER-TIME=14 00; FP-POS=ALL		522. Secs (2088 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	8	(STIS.ta.147 0331)	(1) MRK-817	STIS/CCD, ACQ, F28X50LP	MIRROR			1 Secs (1 Secs) [==>]	[3]
	9		CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[3]
	10	(STIS.sp.14 46706)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2	Pattern 1, Exps 10-1 0 in COS+1096+STI S (75) (1)	30 Secs (90 Secs) [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[3]
11	(STIS.sp.14 46705)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	CR-SPLIT=2	Pattern 1, Exps 11-1 1 in COS+1096+STI S (75) (1)	30 Secs (90 Secs) [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[3]	

Proposal 16196 - COS+1096+STIS (75) - Mapping Gas Flows in AGNs by Reverberation

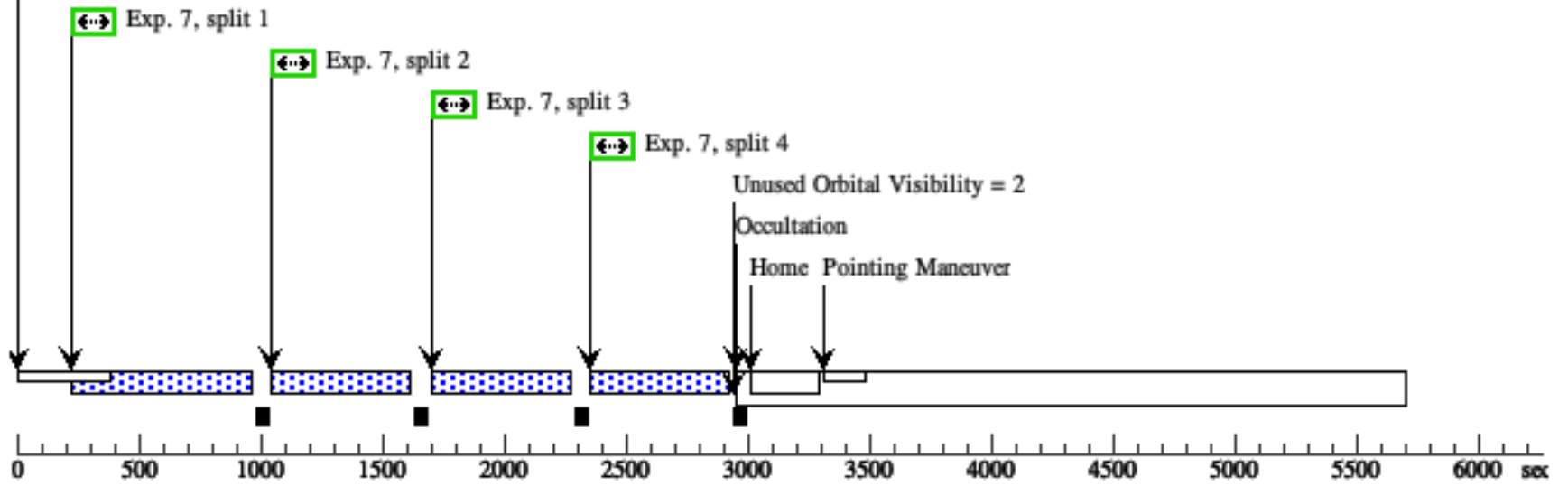
12	(STIS.sp.14 46702)	(1) MRK-817	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	320 Secs (320 Secs)	
					[=>]	[3]

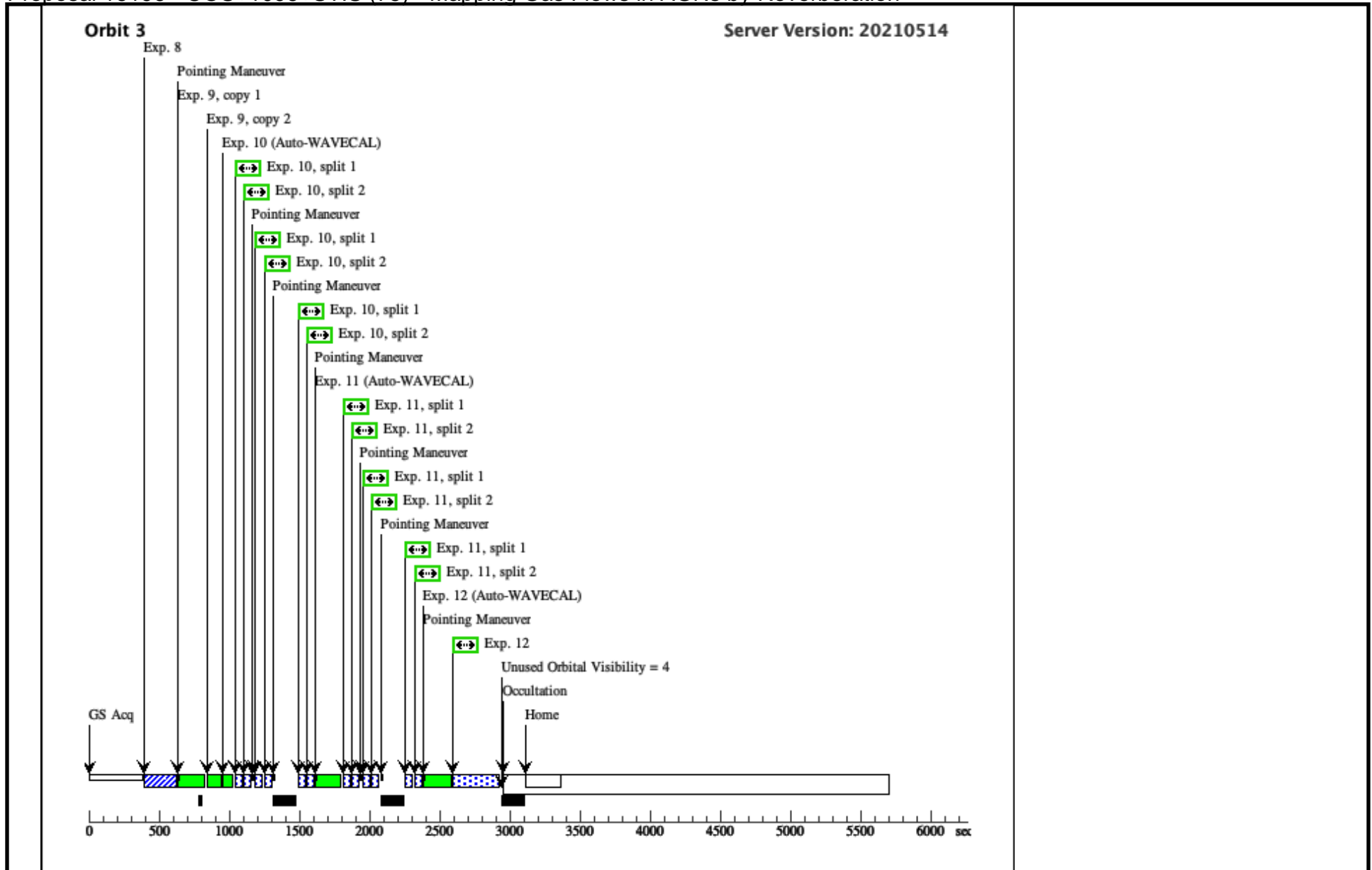
Orbit Structure



Orbit 2

GS Reacq





Proposal 16196 - GAP SHORT G130M (77) - Mapping Gas Flows in AGNs by Reverberation

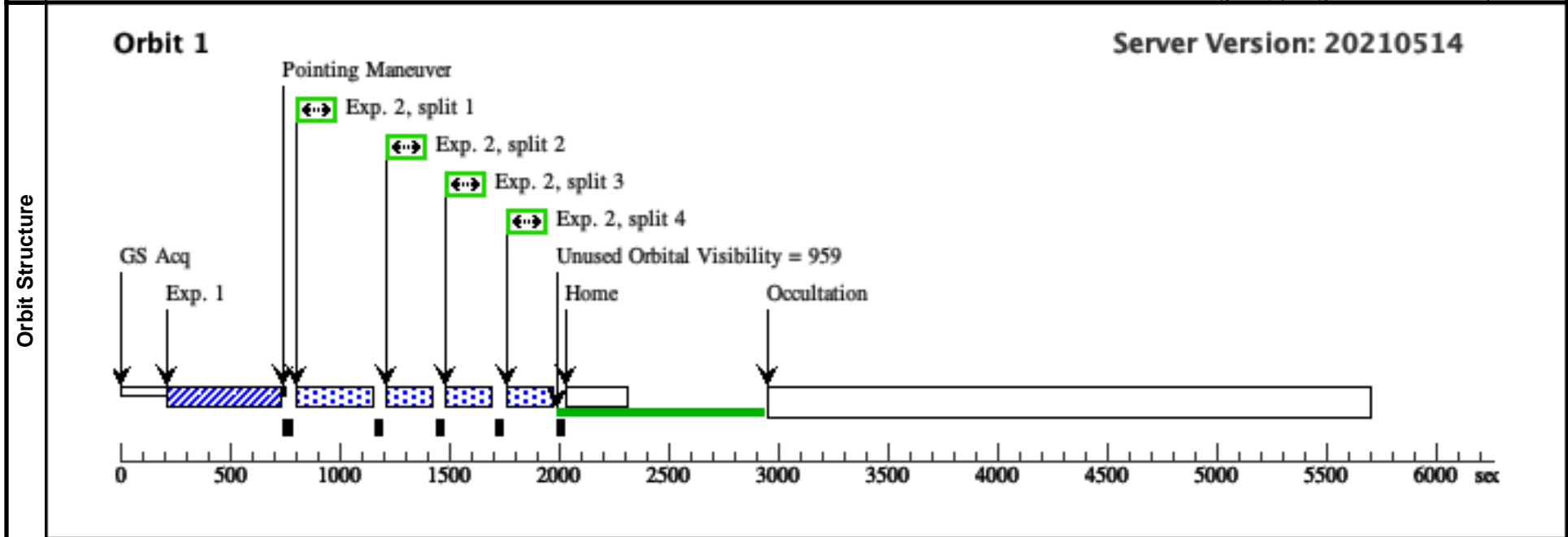
Wed Jan 12 18:05:47 GMT 2022

Visit	Proposal 16196, GAP SHORT G130M (77), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 21-APR-2021:23:13:20 AND 22-APR-2021:23:13:20; GROUP 77.78 WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS

*Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND]
Extended=NO*

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA					140 Secs (140 Secs) [==>]
<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL				160. Secs (640 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



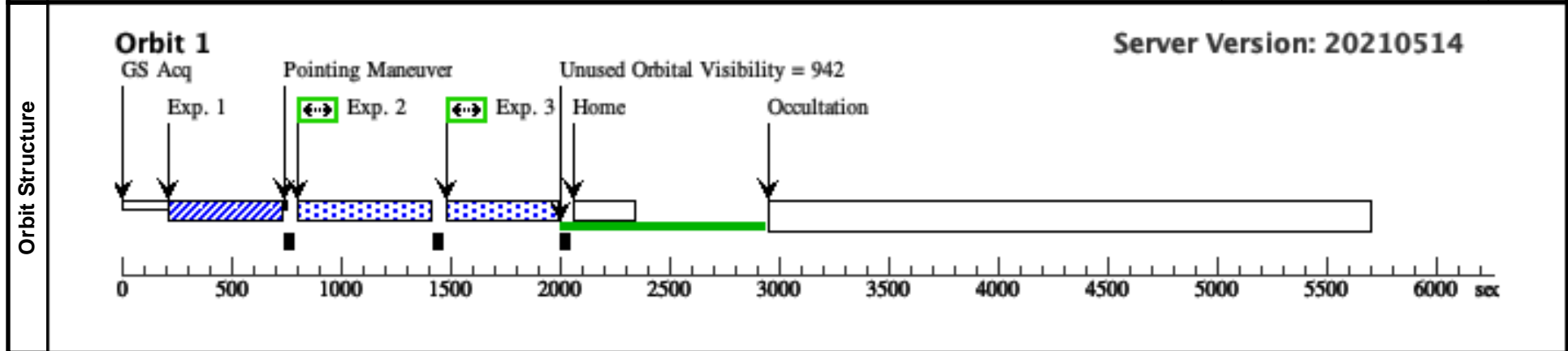
Proposal 16196 - GAP SHORT G160M (78) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

Visit	Proposal 16196, GAP SHORT G160M (78), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 21-APR-2021:23:13:20 AND 22-APR-2021:23:13:20; GROUP 78.77 WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=3			380. Secs (380 Secs) [==>]	[1]	
	3	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00.; FP-POS=3			380. Secs (380 Secs) [==>]	[1]	



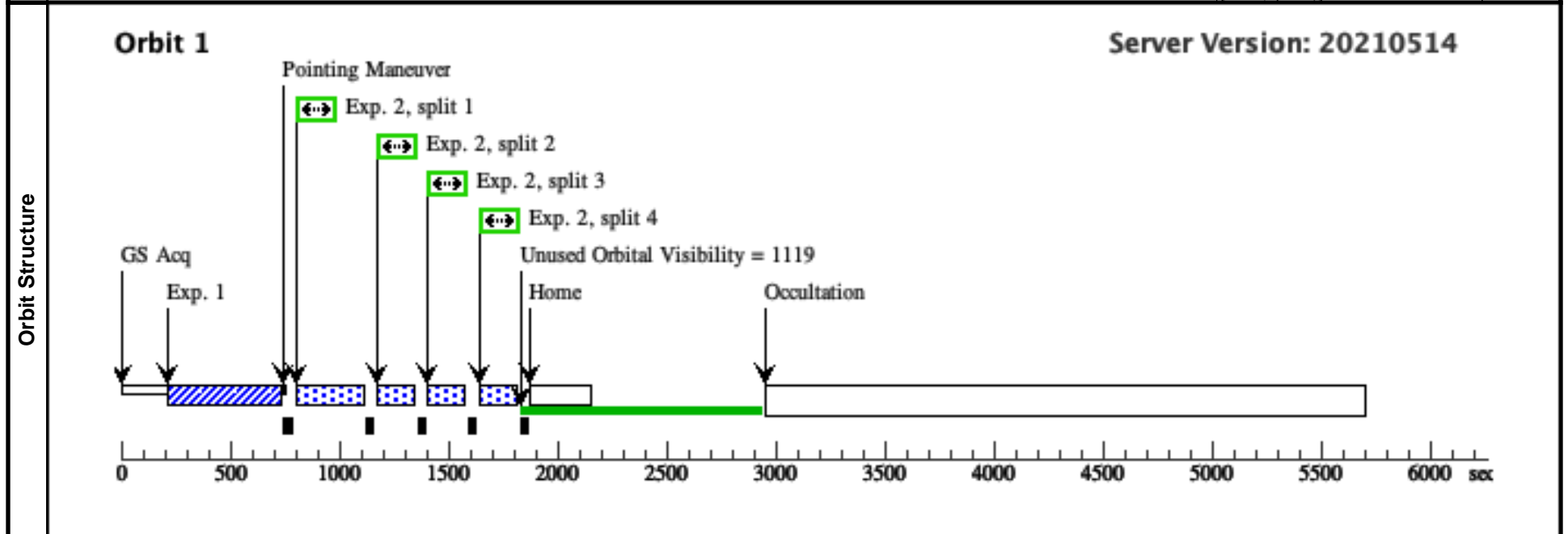
Proposal 16196 - GAP SHORT G130M (80) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

Visit	Proposal 16196, GAP SHORT G130M (80), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 27-APR-2021:20:20:58 AND 28-APR-2021:20:20:58; GROUP 80,81 WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			120. Secs (480 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



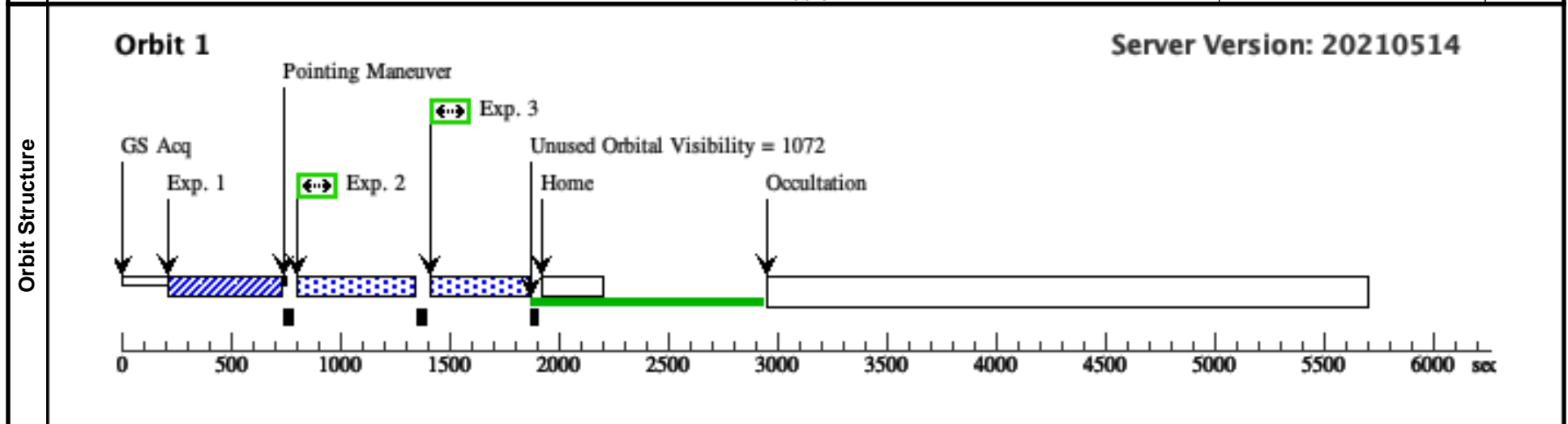
Proposal 16196 - GAP SHORT G160M (81) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

Visit	Proposal 16196, GAP SHORT G160M (81), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 27-APR-2021:20:20:58 AND 28-APR-2021:20:20:58; GROUP 81,80 WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

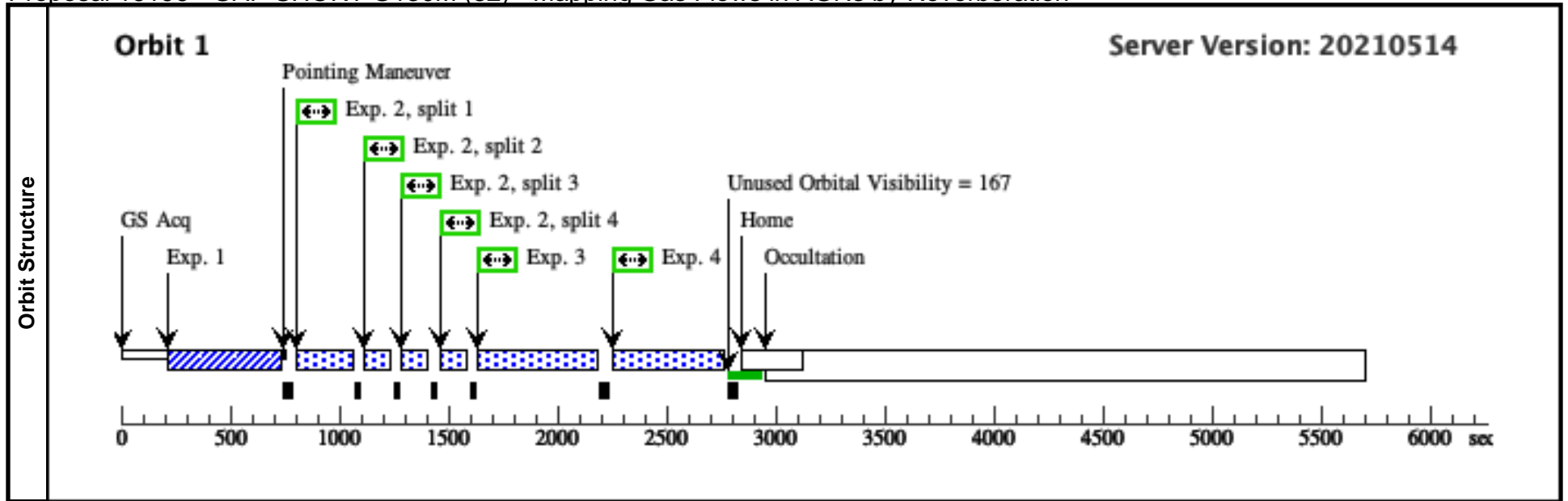
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=3			315. Secs (315 Secs) [==>]	[1]	
	3	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00.; FP-POS=3			315. Secs (315 Secs) [==>]	[1]	



Proposal 16196 - GAP SHORT G130M (82) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

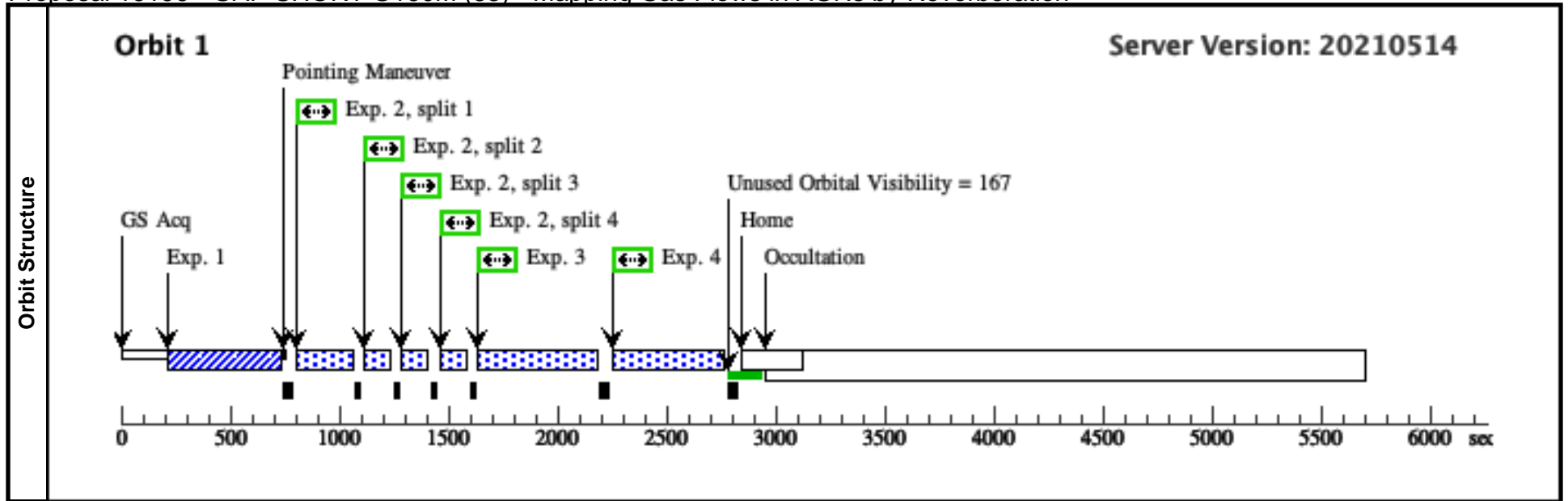
Visit	Proposal 16196, GAP SHORT G130M (82), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 03-MAY-2021:17:28:36 AND 04-MAY-2021:17:28:36: GROUP 82.83 WITHIN 2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			70. Secs (280 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=3			380. Secs (380 Secs) [==>]	[1]
4	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00.; FP-POS=3			380. Secs (380 Secs) [==>]	[1]	



Proposal 16196 - GAP SHORT G160M (83) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

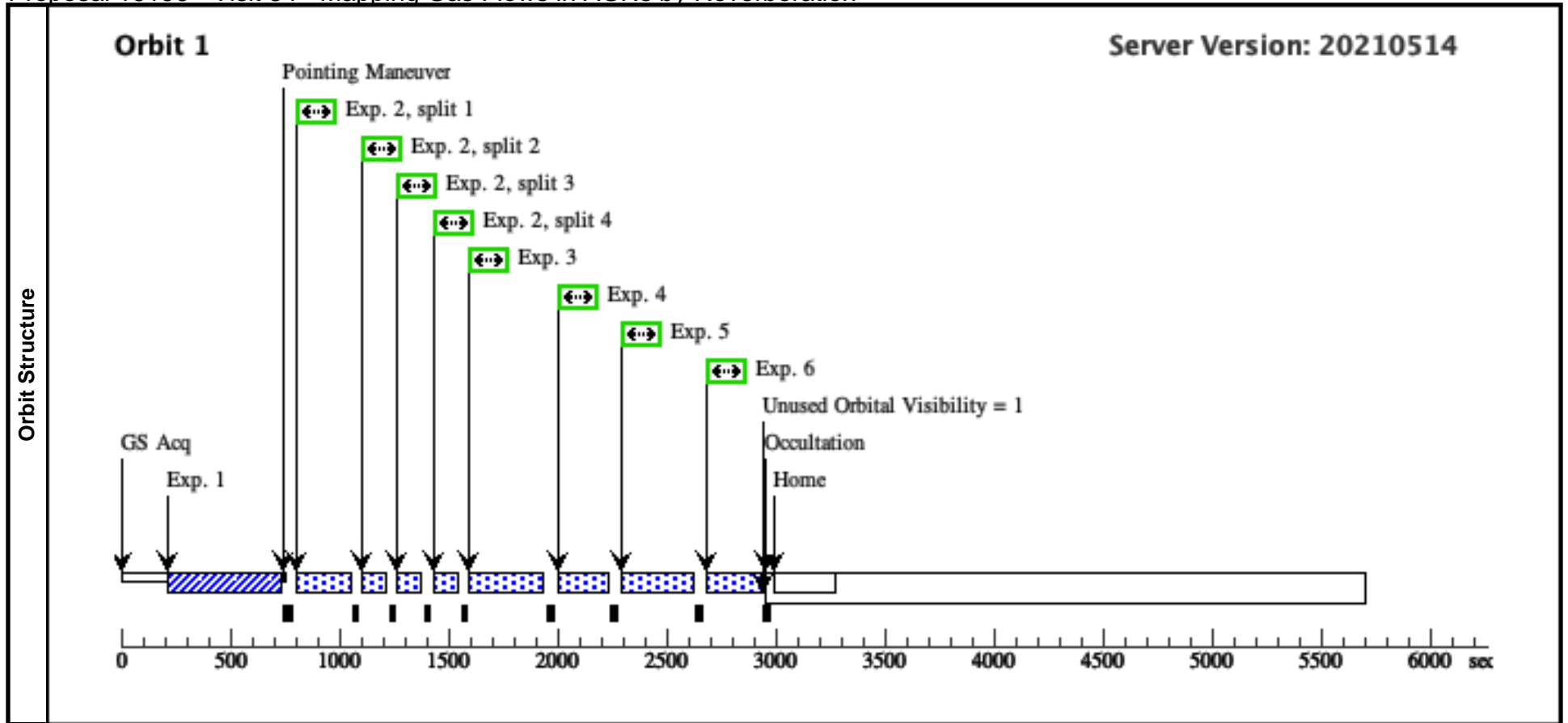
Visit	Proposal 16196, GAP SHORT G160M (83), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 03-MAY-2021:17:28:36 AND 04-MAY-2021:17:28:36: GROUP 83,82 WITHIN 2 Orbits									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			70. Secs (280 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=3			380. Secs (380 Secs) [==>]	[1]
4	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00.; FP-POS=3			380. Secs (380 Secs) [==>]	[1]	



Proposal 16196 - Visit 84 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

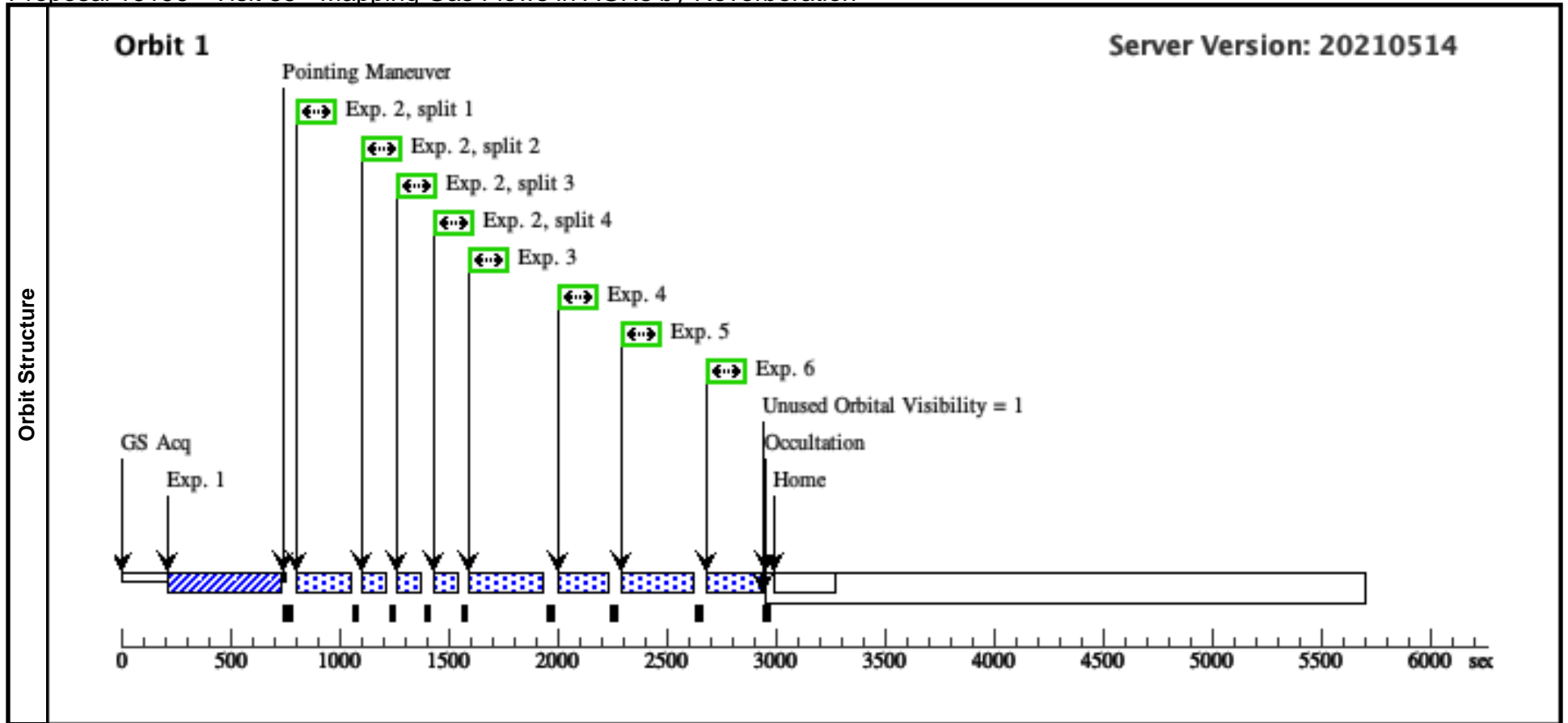
Visit	Proposal 16196, Visit 84, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 05-MAY-2021:16:31:09 AND 06-MAY-2021:16:31:09									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 85 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

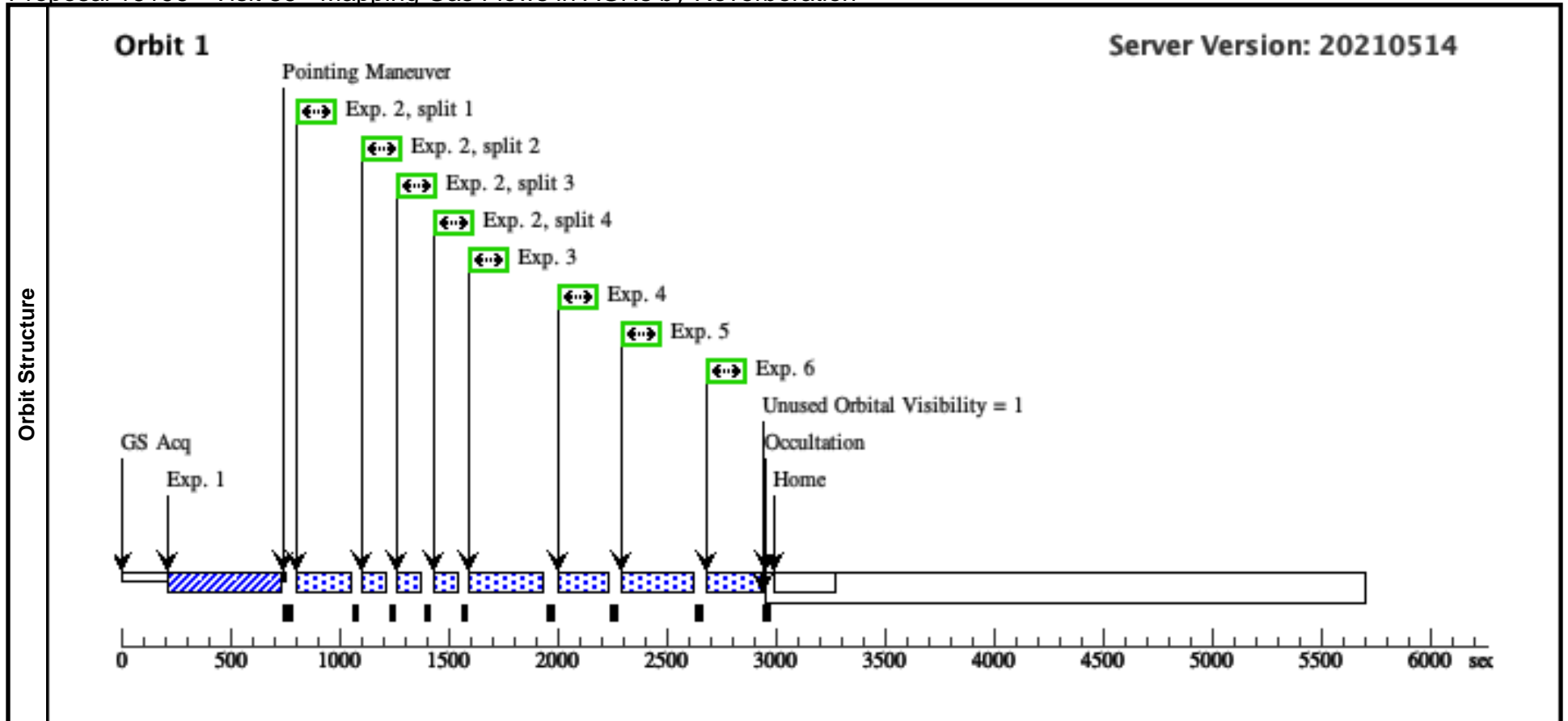
Visit	Proposal 16196, Visit 85, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 07-MAY-2021:15:33:41 AND 08-MAY-2021:15:33:41																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO				
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																						
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																							
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																		
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>																											
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																		
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																		
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																		
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																		
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																		



Proposal 16196 - Visit 86 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

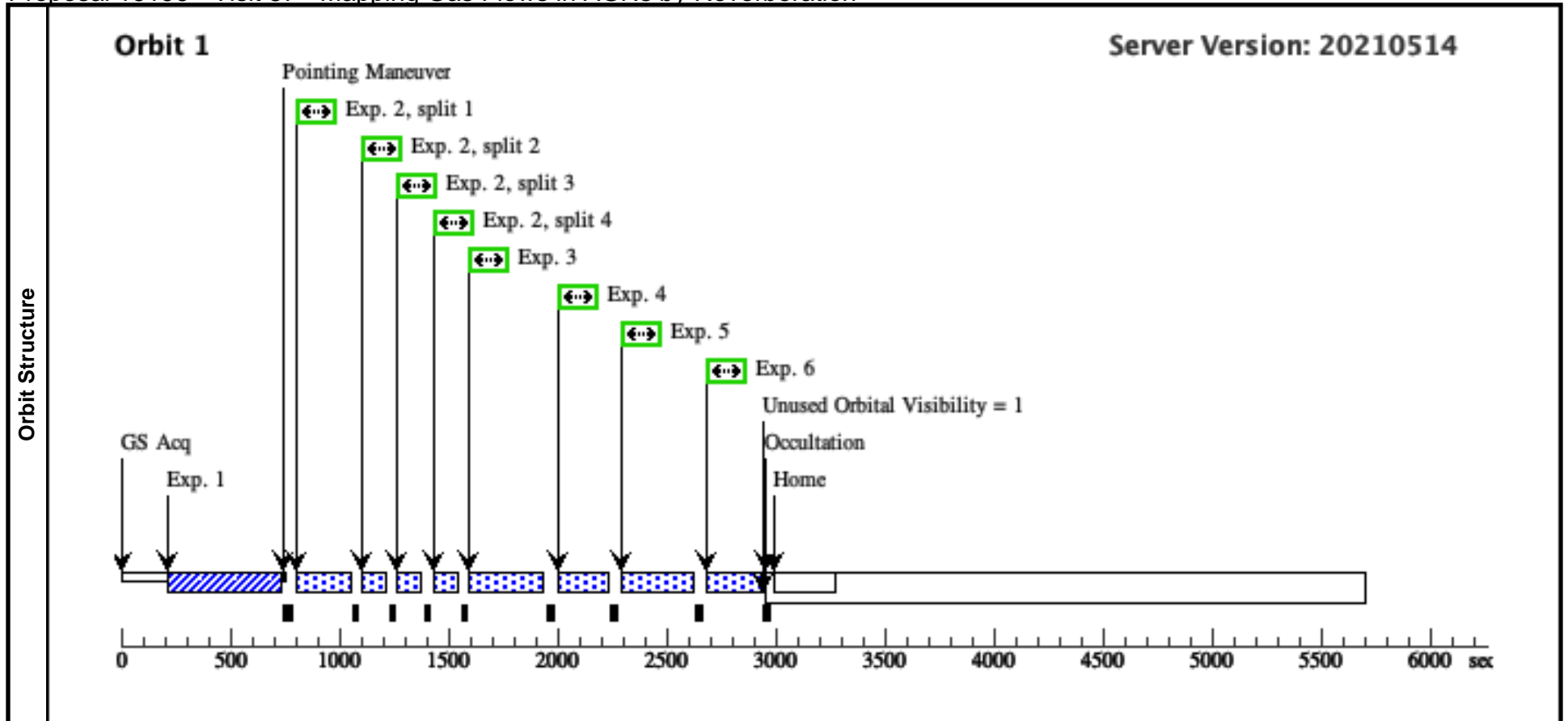
Visit	Proposal 16196, Visit 86, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 09-MAY-2021:14:36:14 AND 10-MAY-2021:14:36:14									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 87 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

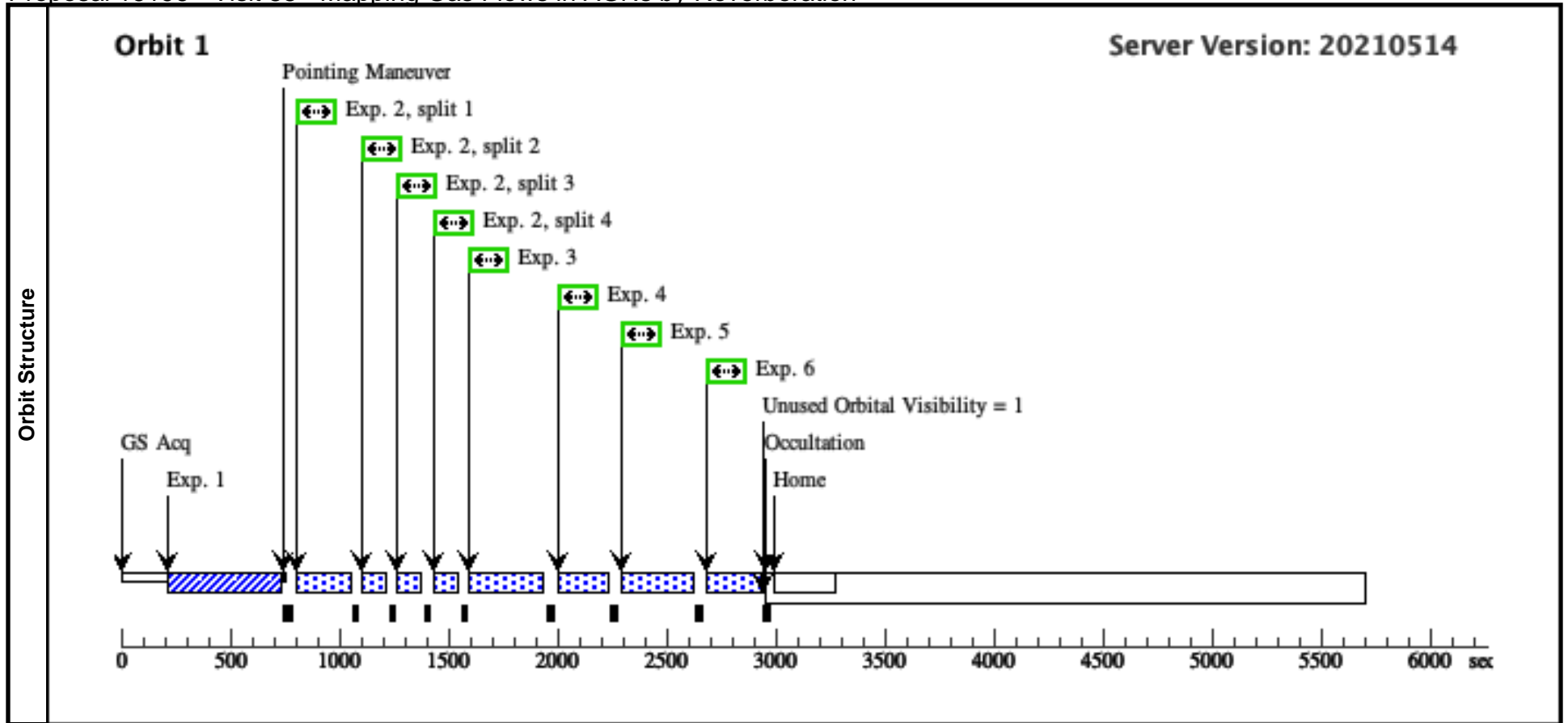
Visit	Proposal 16196, Visit 87, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 11-MAY-2021:13:38:47 AND 12-MAY-2021:13:38:47																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																								
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																																																																								
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4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																								
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Proposal 16196 - Visit 88 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

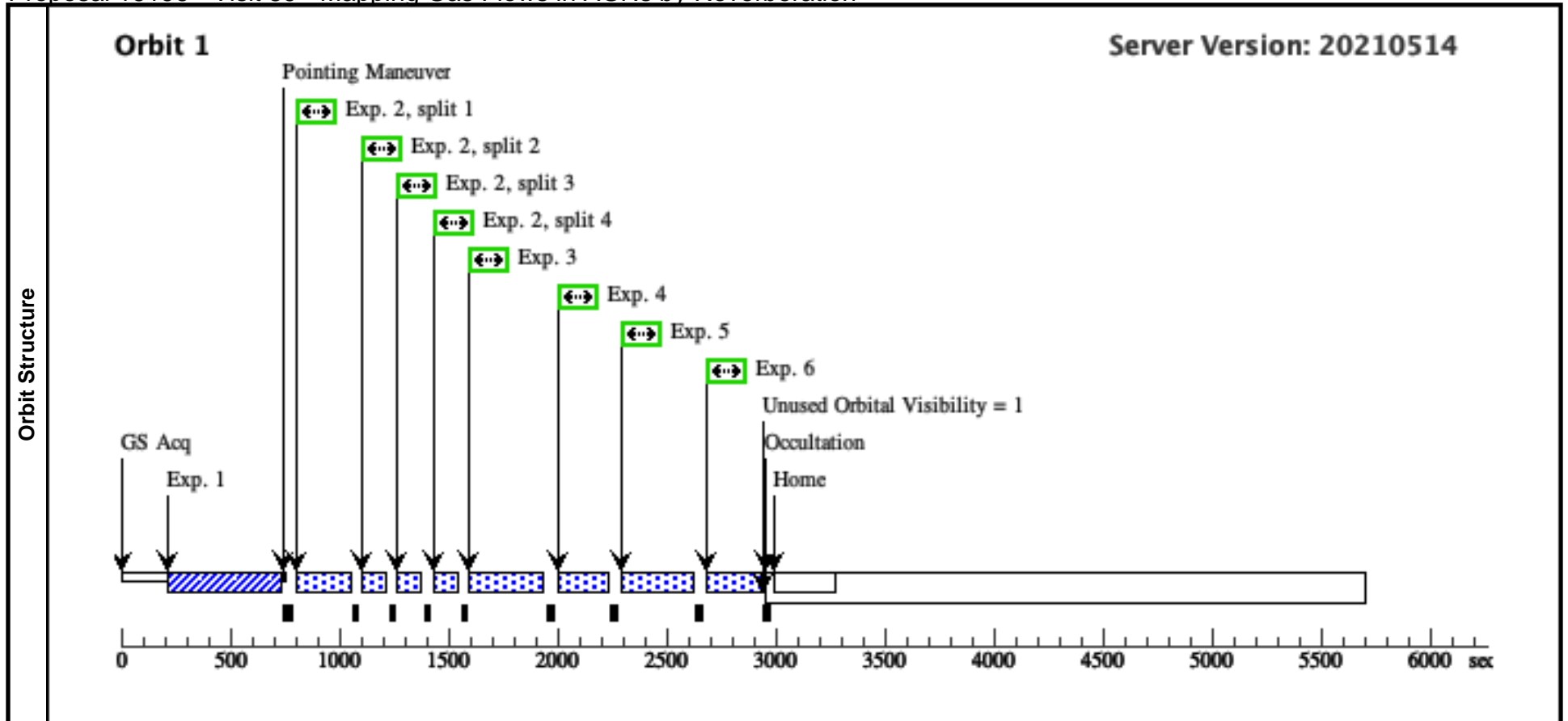
Visit	Proposal 16196, Visit 88, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 13-MAY-2021:12:41:19 AND 14-MAY-2021:12:41:19									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 89 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

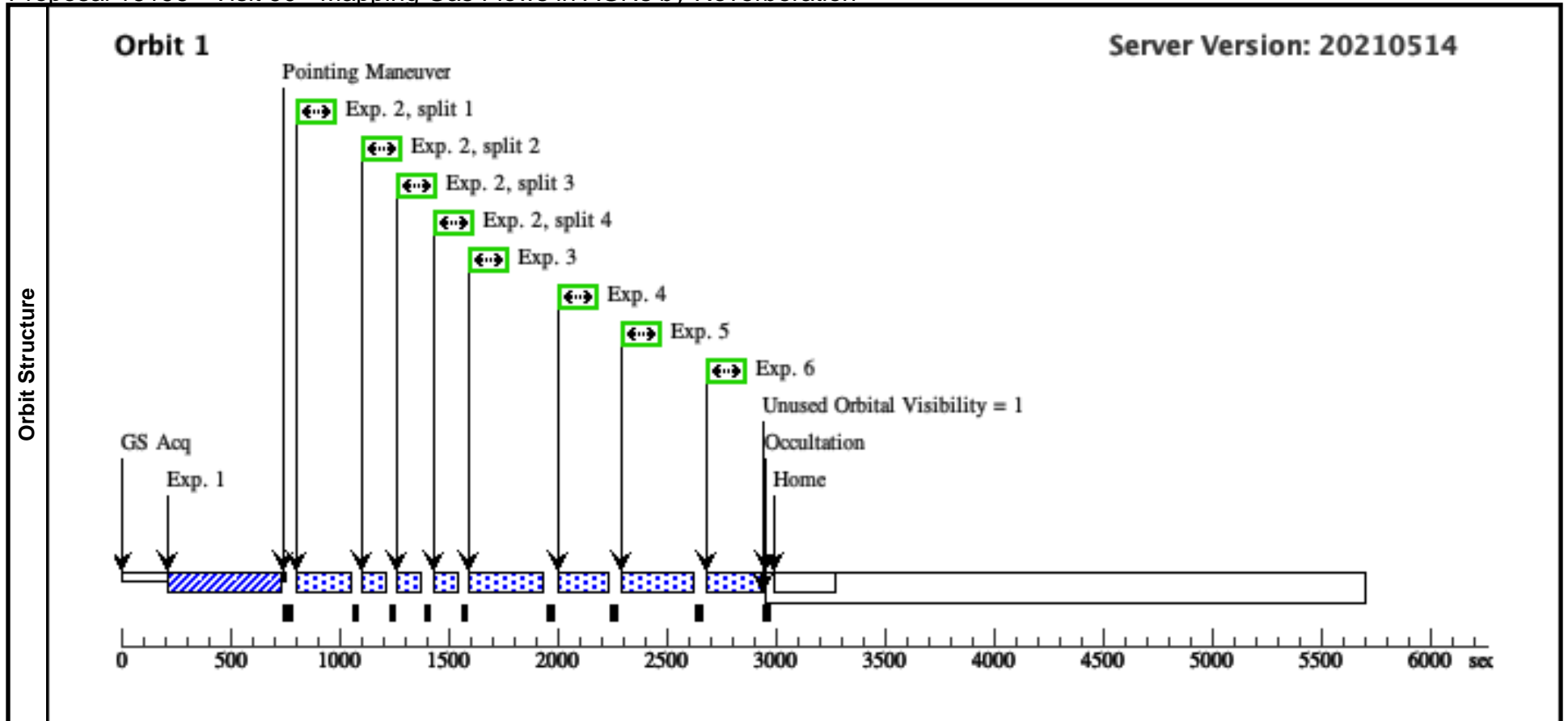
Visit	Proposal 16196, Visit 89, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 15-MAY-2021:11:43:52 AND 16-MAY-2021:11:43:52									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 90 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

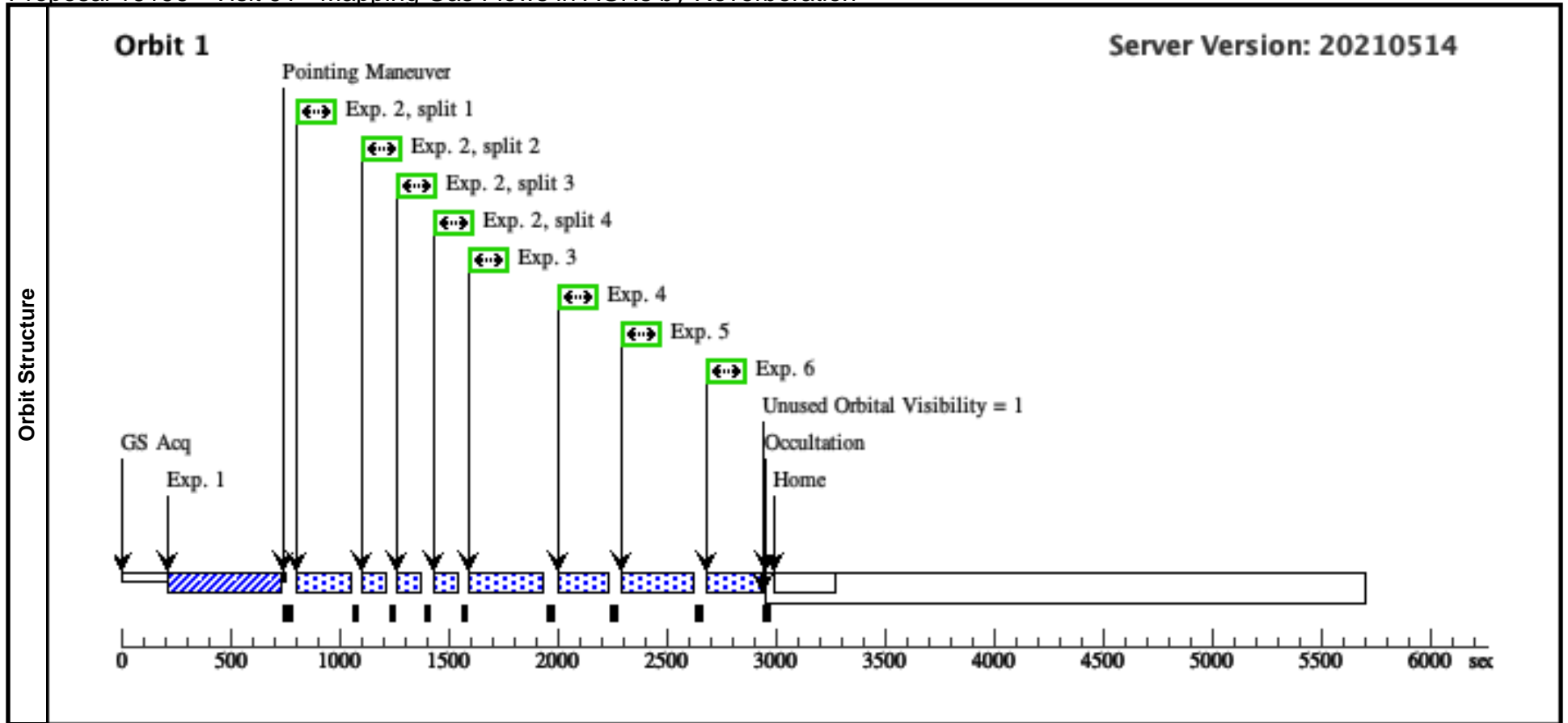
Visit	Proposal 16196, Visit 90, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 17-MAY-2021:10:46:24 AND 18-MAY-2021:10:46:24									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 91 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

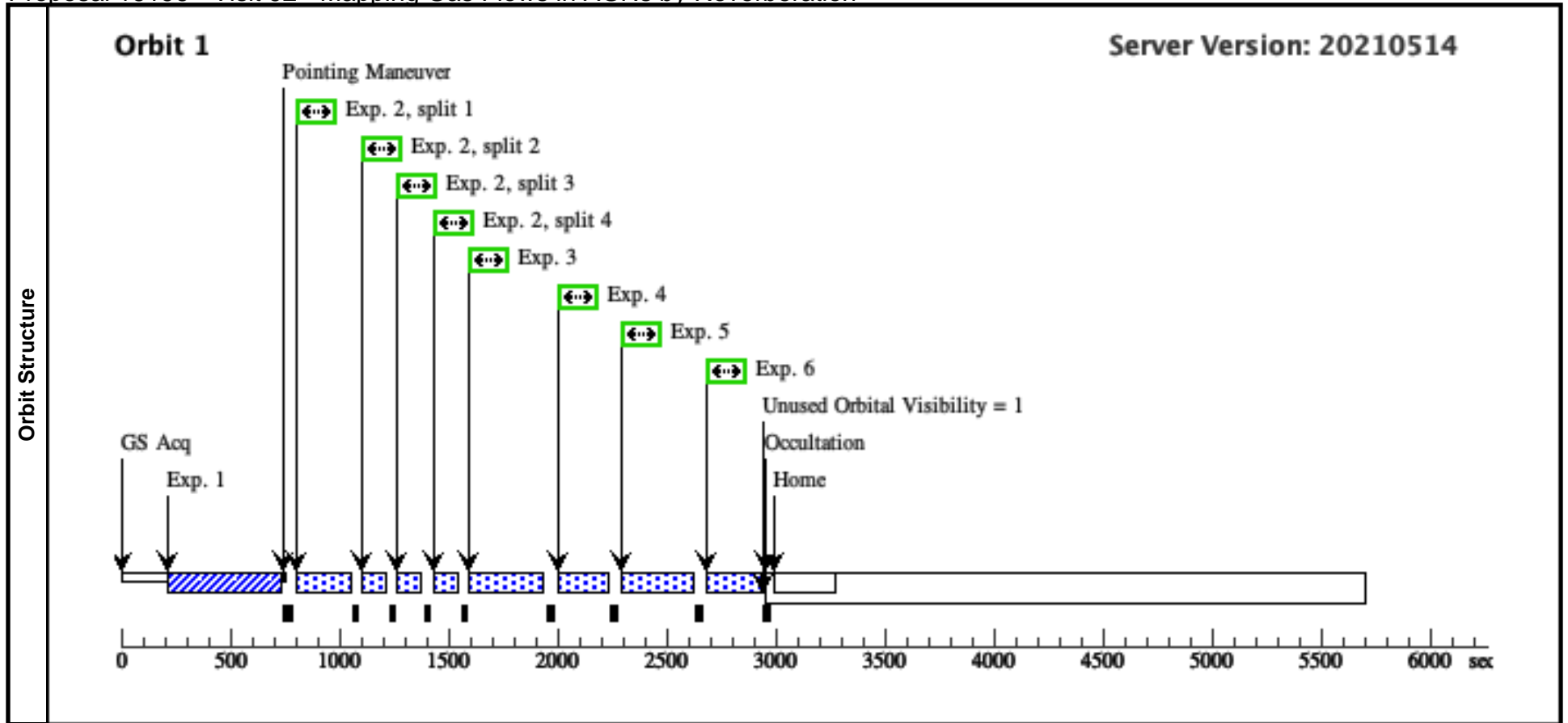
Visit	Proposal 16196, Visit 91, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 19-MAY-2021:09:48:57 AND 20-MAY-2021:09:48:57																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 92 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

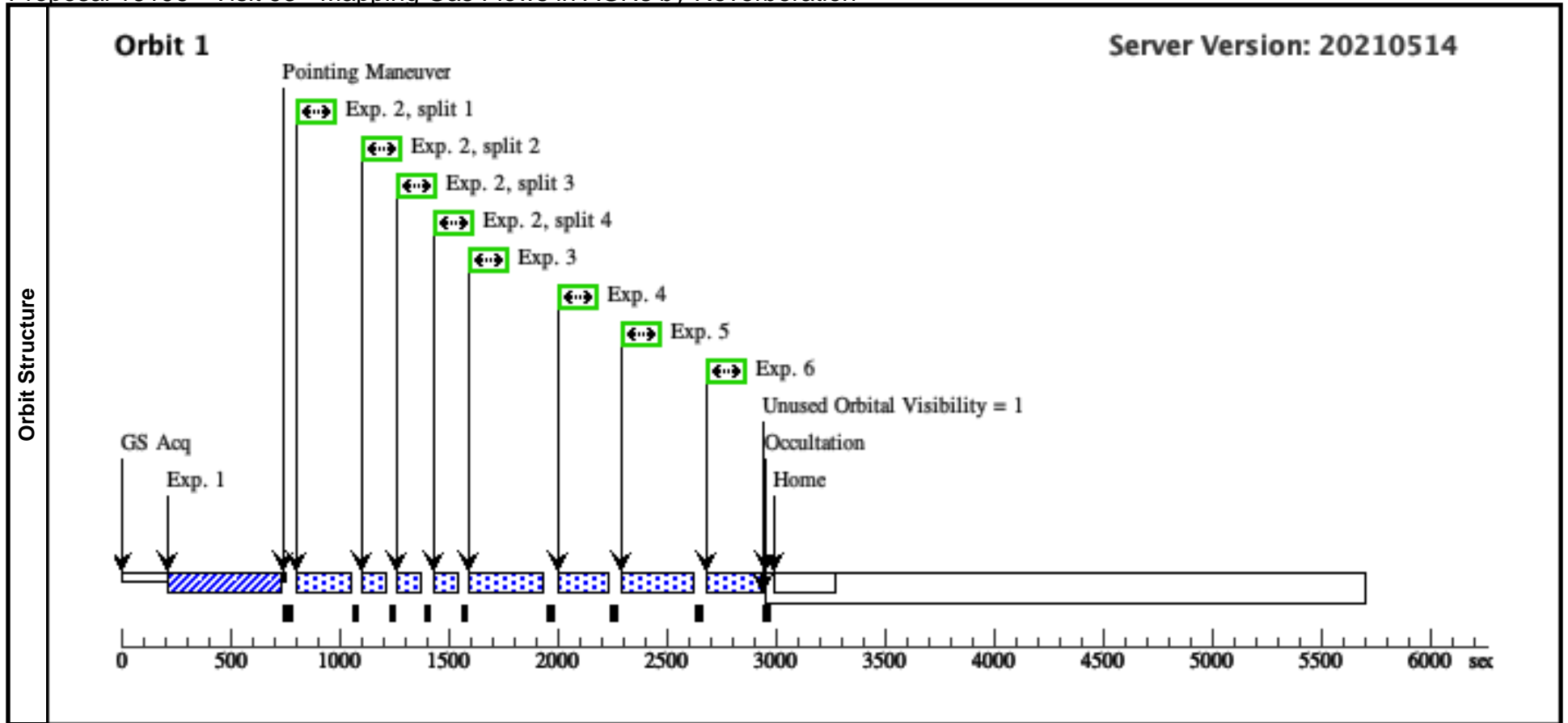
Visit	Proposal 16196, Visit 92, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 21-MAY-2021:08:51:30 AND 22-MAY-2021:08:51:30																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																								
3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																																																																								
4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																								
5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																								
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																								



Proposal 16196 - Visit 93 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

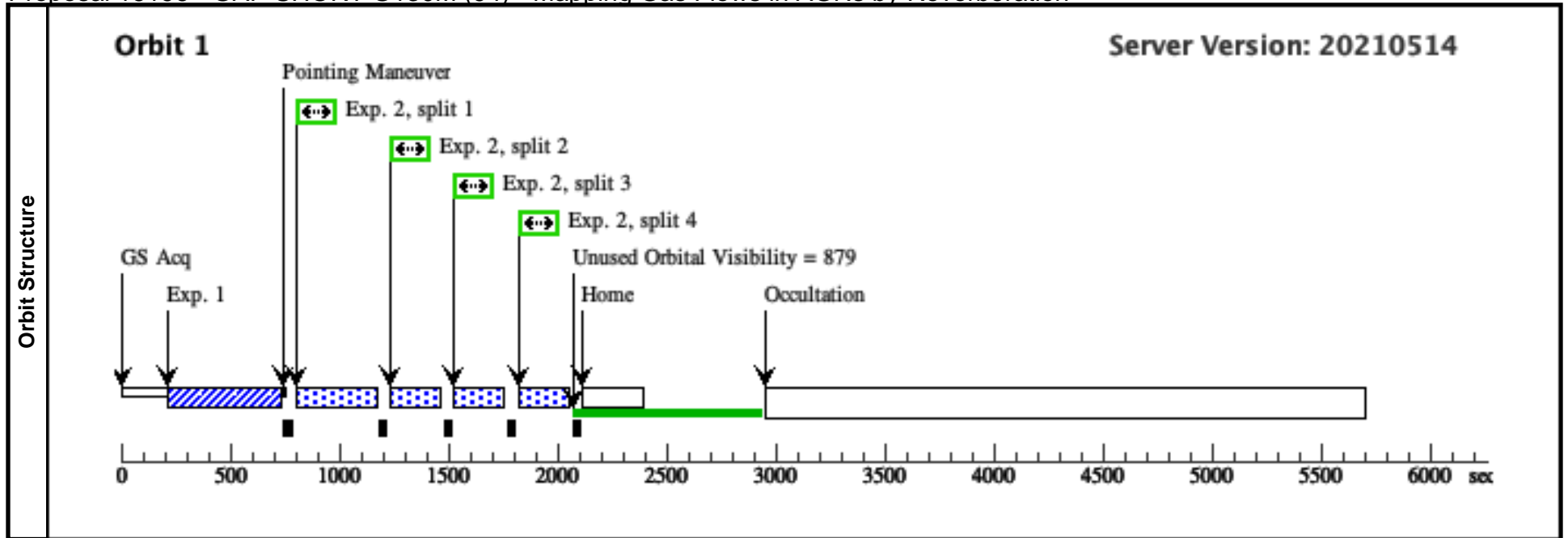
Visit		Proposal 16196, Visit 93, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 23-MAY-2021:07:54:02 AND 24-MAY-2021:07:54:02									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - GAP SHORT G130M (94) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

Visit	Proposal 16196, GAP SHORT G130M (94), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 27-MAY-2021:05:59:08 AND 28-MAY-2021:05:59:08; GROUP 94,95 WITHIN 2 Orbits Comments: Note by Bill Januszewski: Orient needs to be ~ 345 or greater to have FHST visibility.									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(1)		MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL				180. Secs (720 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



Proposal 16196 - GAP SHORT G160M (95) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

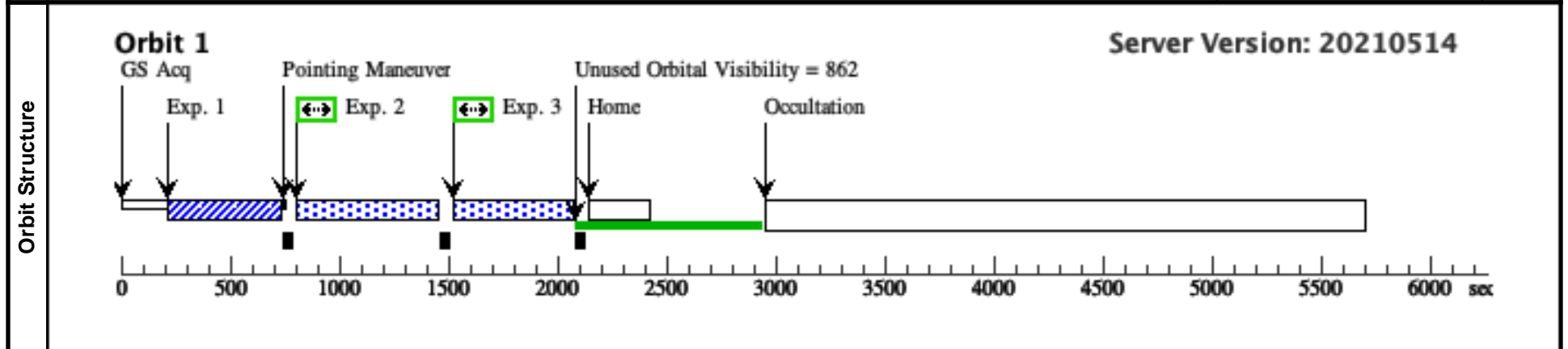
Visit	Proposal 16196, GAP SHORT G160M (95), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 27-MAY-2021:05:59:08 AND 28-MAY-2021:05:59:08; GROUP 95,94 WITHIN 2 Orbits				

Comments: Note by Bill Januszewski: Orient needs to be ~ 345 or greater to have FHST visibility.

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=GALAXY
Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND]
Extended=NO

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
2	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=3			420. Secs (420 Secs) [==>]	[1]
3	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00.; FP-POS=3			420. Secs (420 Secs) [==>]	[1]



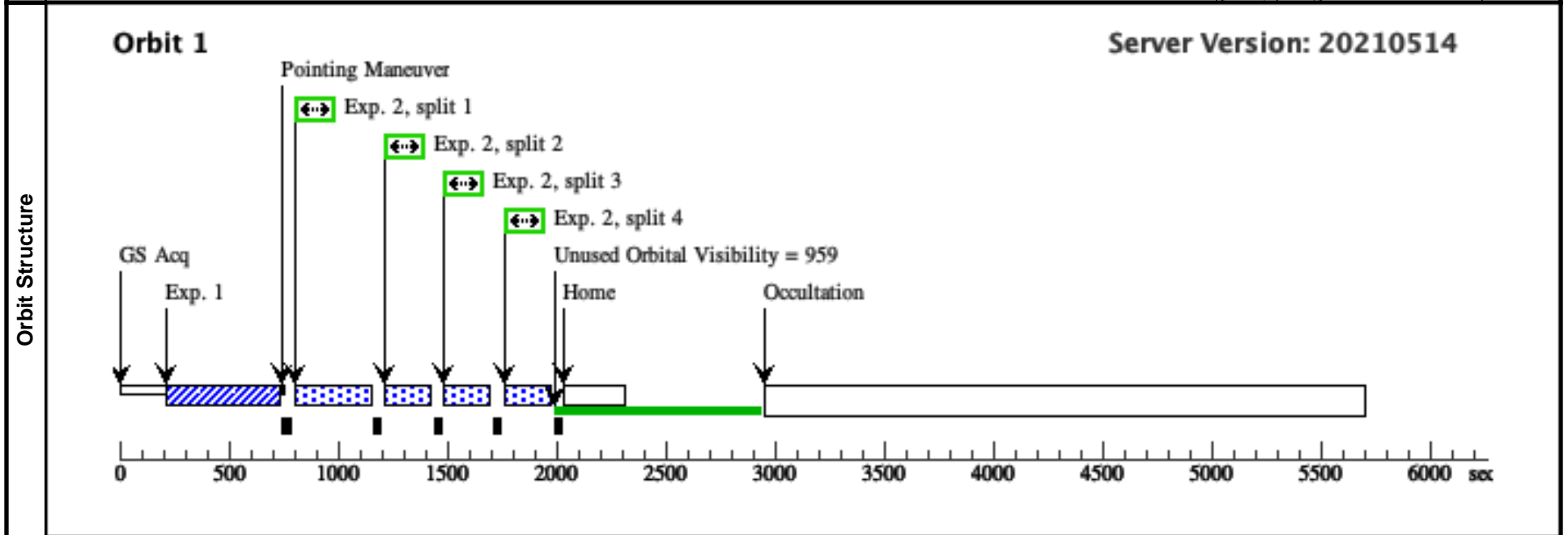
Proposal 16196 - GAP SHORT G130M (96) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:47 GMT 2022

Visit	Proposal 16196, GAP SHORT G130M (96), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 31-MAY-2021:04:04:13 AND 01-JUN-2021:04:04:13; GROUP 96.97 WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			160. Secs (640 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



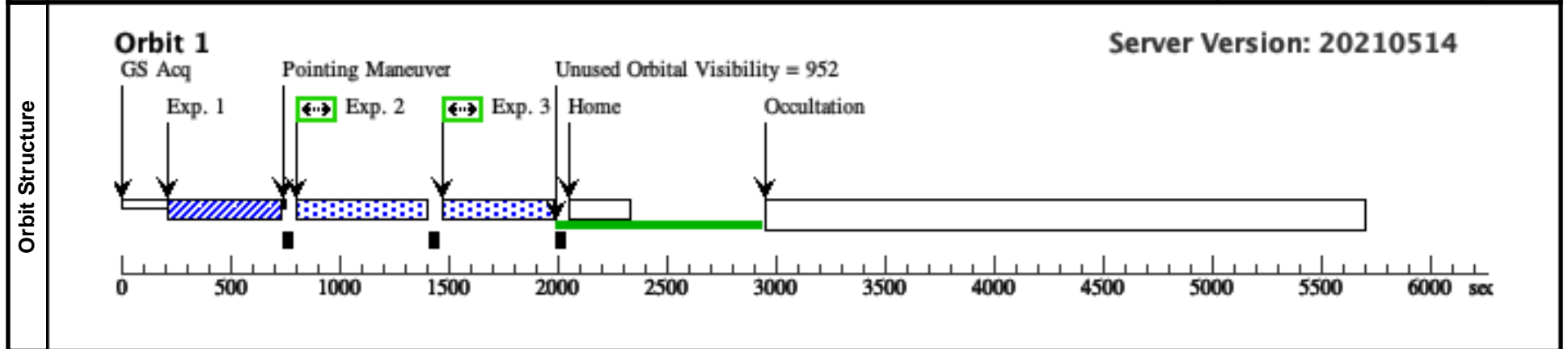
Proposal 16196 - GAP SHORT G160M (97) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

Visit	Proposal 16196, GAP SHORT G160M (97), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 31-MAY-2021:04:04:13 AND 01-JUN-2021:04:04:13; GROUP 97.96 WITHIN 2 Orbits				

#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

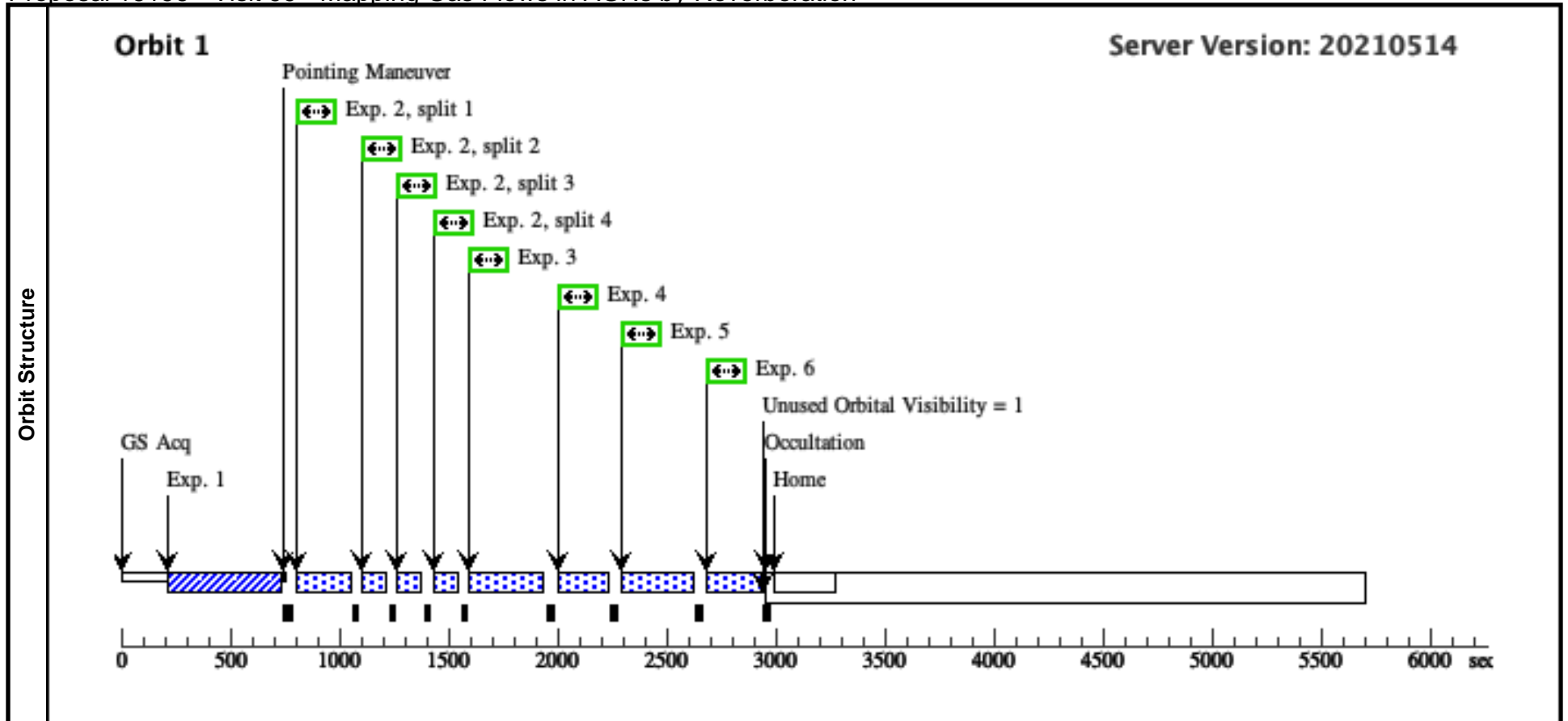
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
2	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=3			375. Secs (375 Secs) [==>]	[1]
3	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00.; FP-POS=3			375. Secs (375 Secs) [==>]	[1]



Proposal 16196 - Visit 99 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

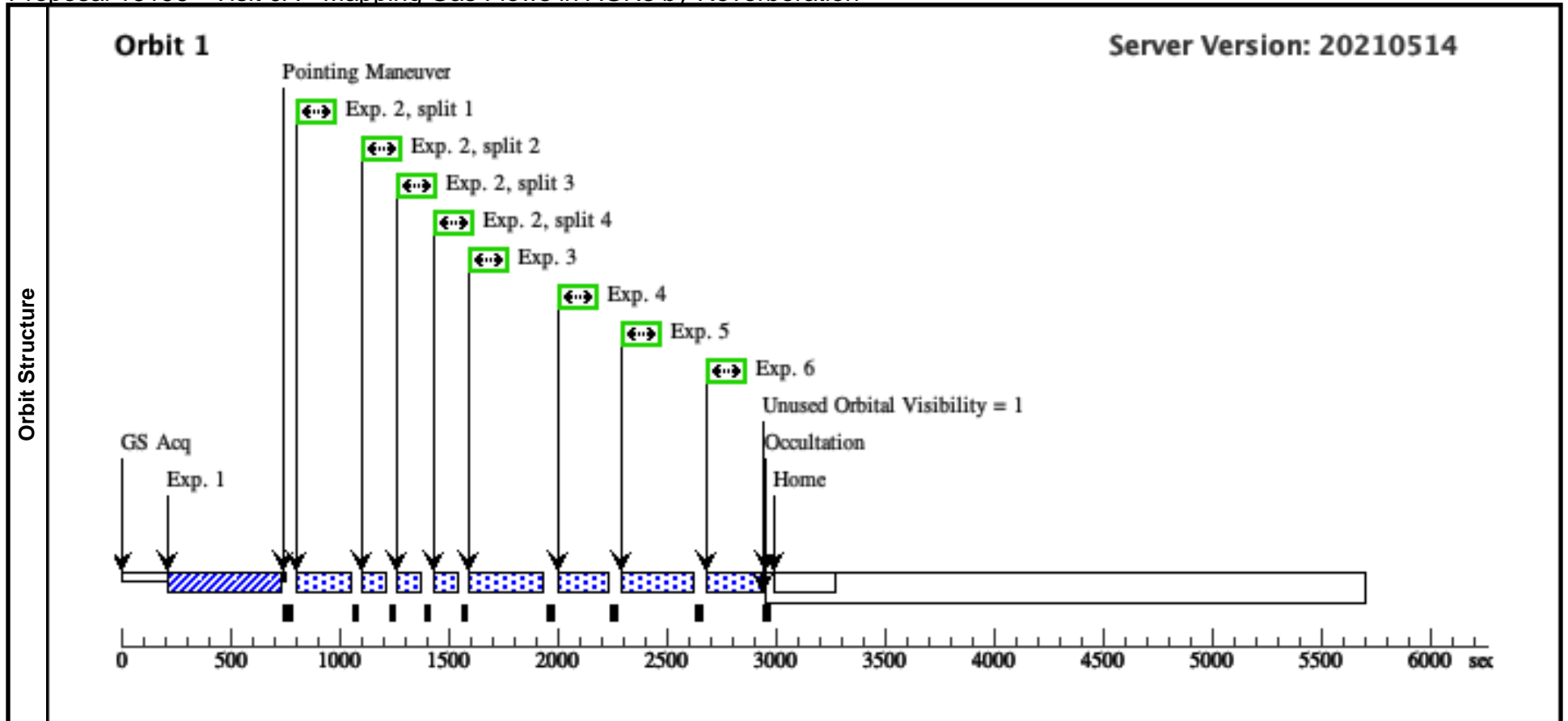
Visit	Proposal 16196, Visit 99, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 04-JUN-2021:02:09:18 AND 05-JUN-2021:02:09:18 Comments: Notes from Bill Januszewski: Force new Obset and full GS Acq at the start of the second orbit (Bill has already made this edit.) Needs to schedule at an orient of 340 degrees or greater to go down in two orbits. Note by Jerry Kriss: Second orbit with STIS deleted. This is now incorporated into Visit 75.																																																																																									
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																								
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(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																																					
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"> Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state. </td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.;; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																																
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																																																																																	
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2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																																	
3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																																																																																	
4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																																	
5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																																	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																																	



Proposal 16196 - Visit 0A - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

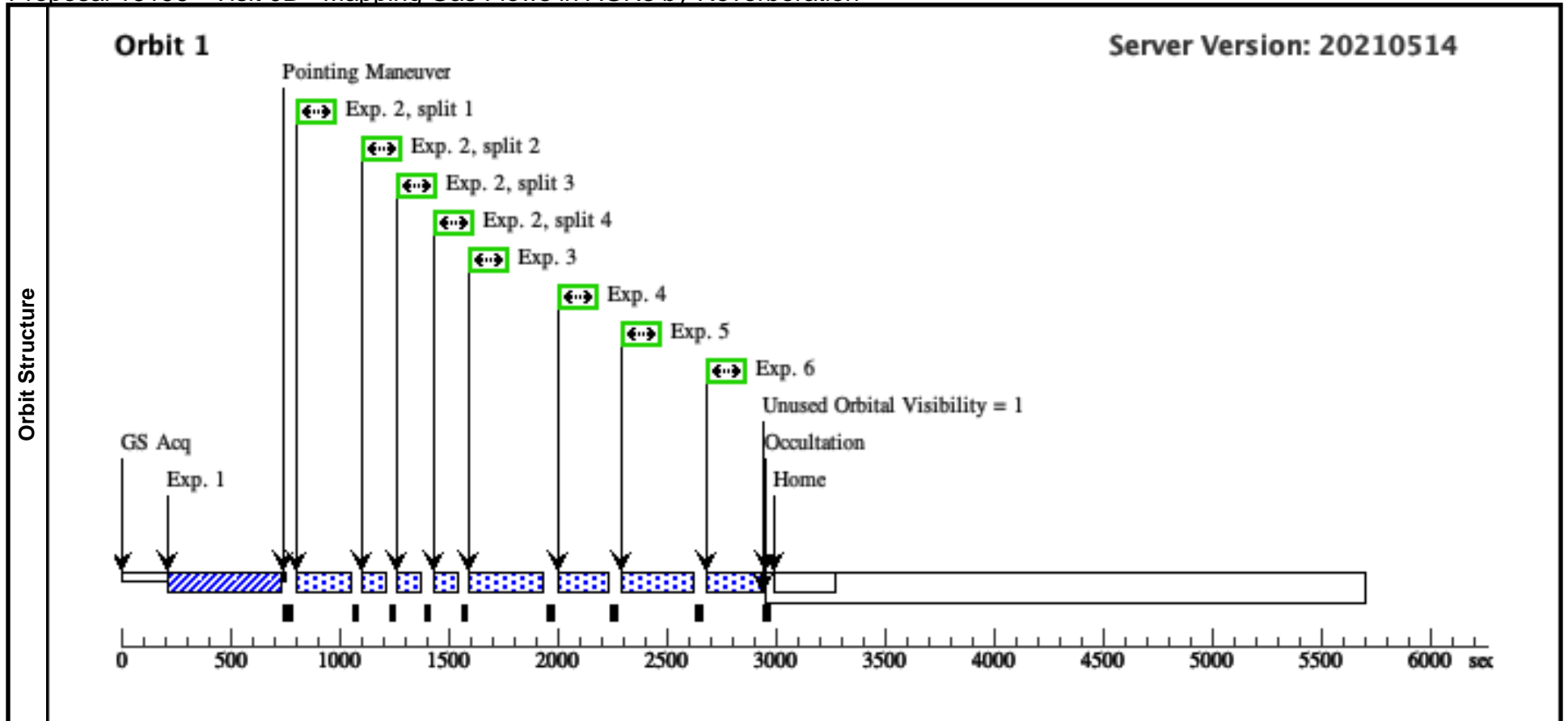
Visit	Proposal 16196, Visit 0A, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 06-JUN-2021:01:11:51 AND 07-JUN-2021:01:11:51									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 0B - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

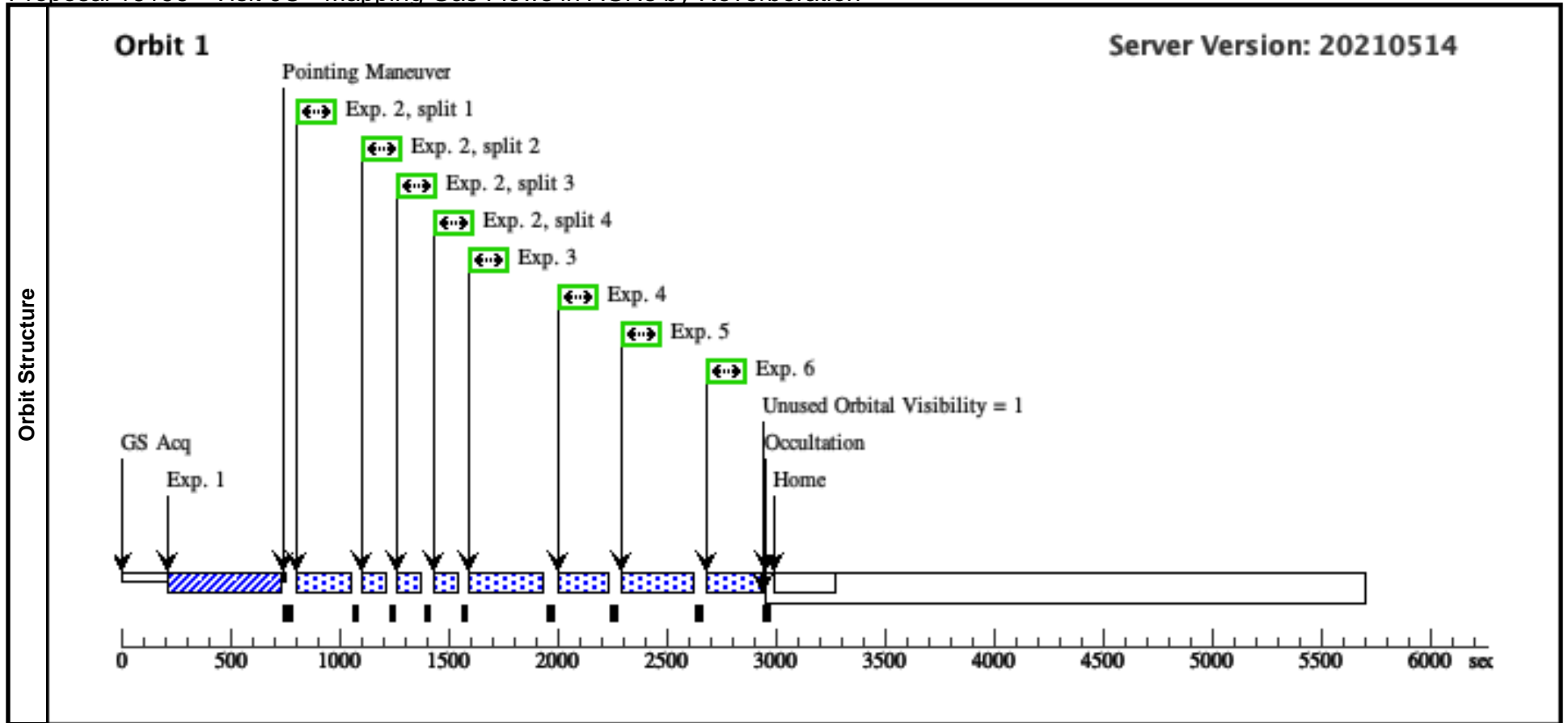
Visit	Proposal 16196, Visit 0B, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 08-JUN-2021:00:14:24 AND 09-JUN-2021:00:14:24									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 0C - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

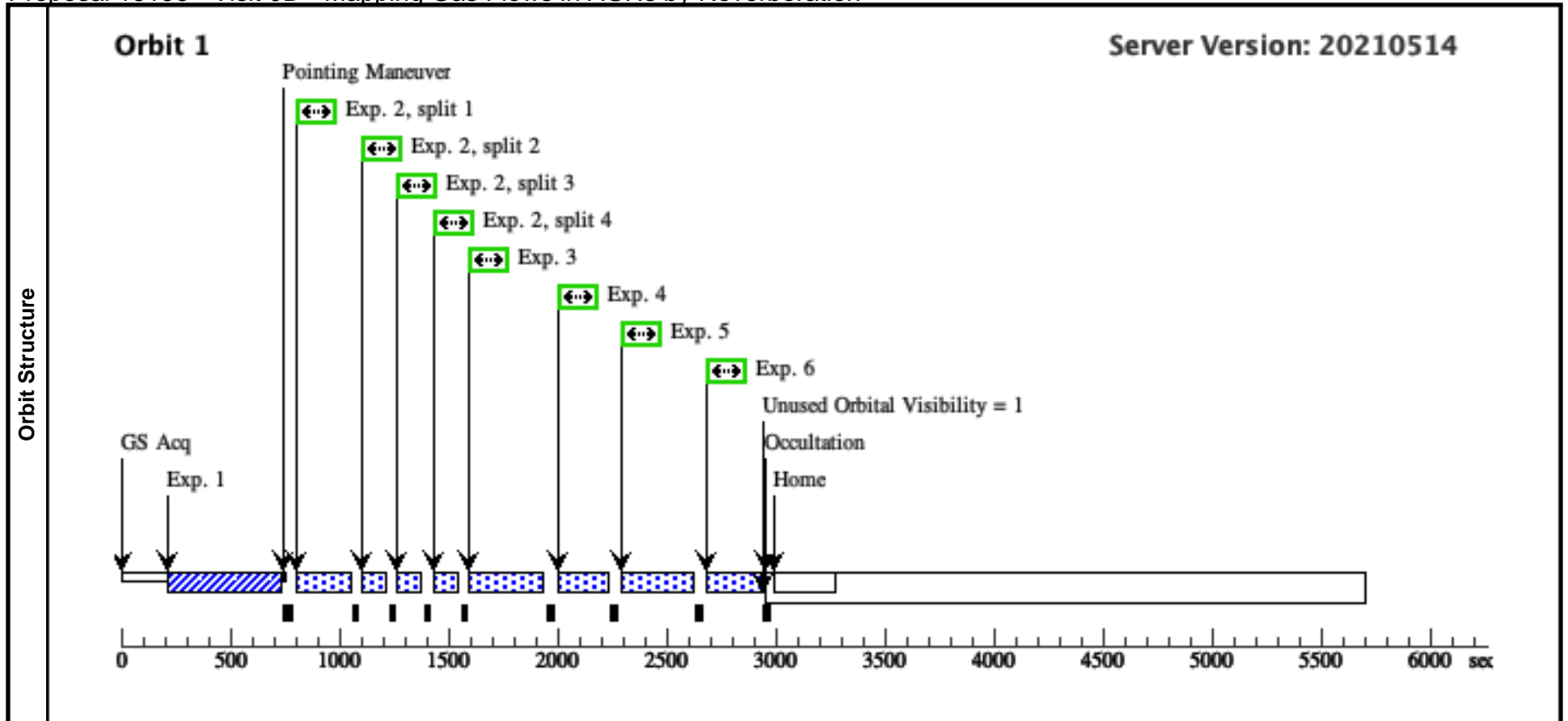
Visit	Proposal 16196, Visit 0C, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 09-JUN-2021:23:16:56 AND 10-JUN-2021:23:16:56									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 0D - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

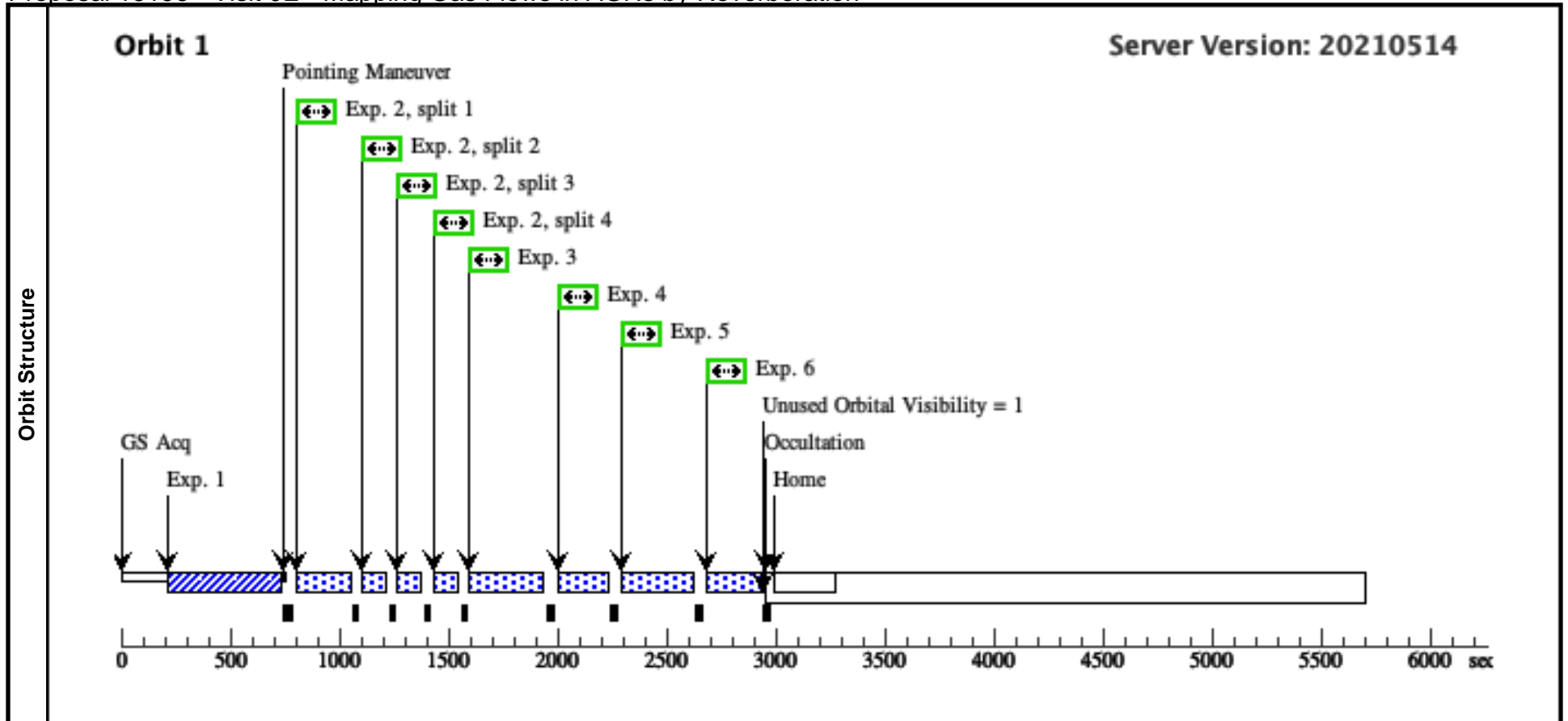
Visit		Proposal 16196, Visit 0D, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 11-JUN-2021:22:19:29 AND 12-JUN-2021:22:19:29								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 0E - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

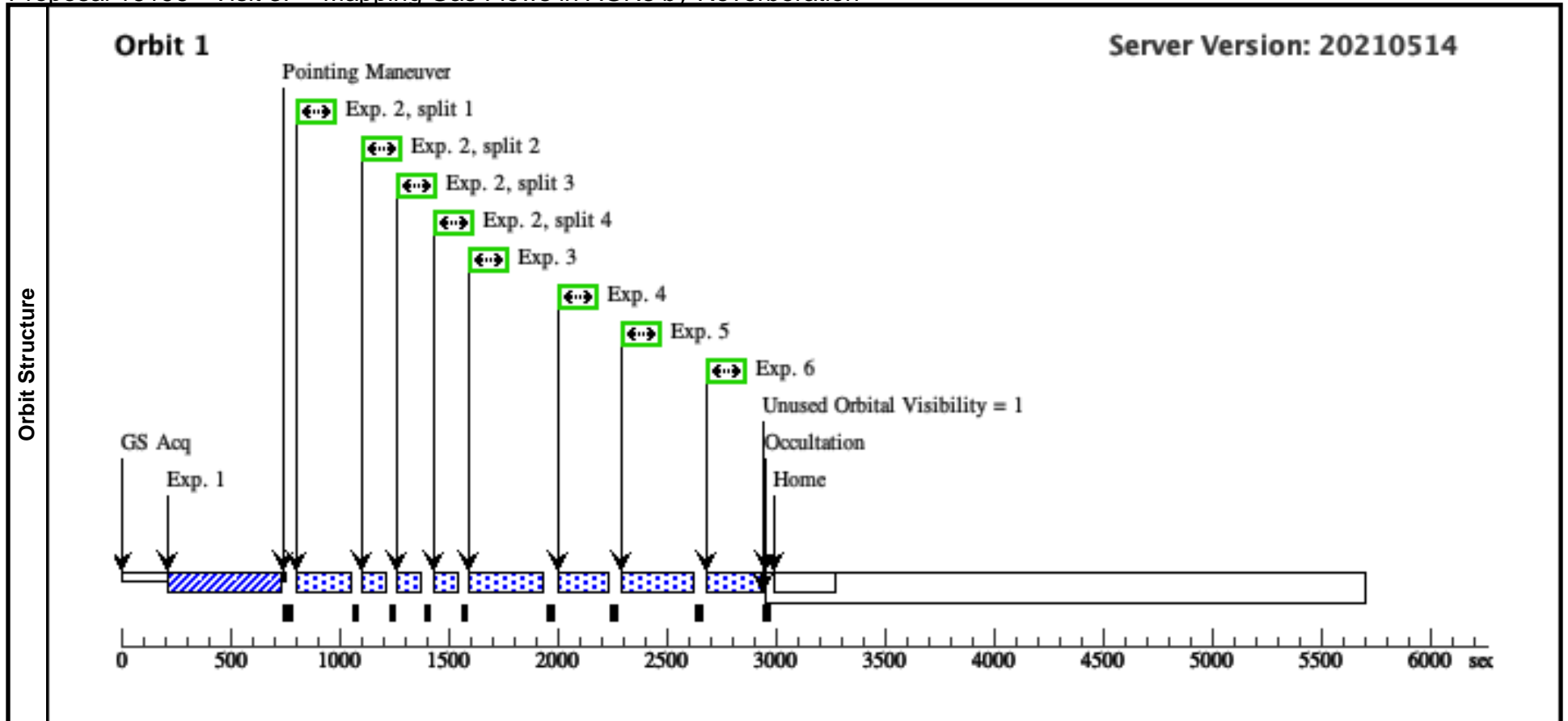
Visit		Proposal 16196, Visit 0E, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 13-JUN-2021:21:22:01 AND 14-JUN-2021:21:22:01									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 3P - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

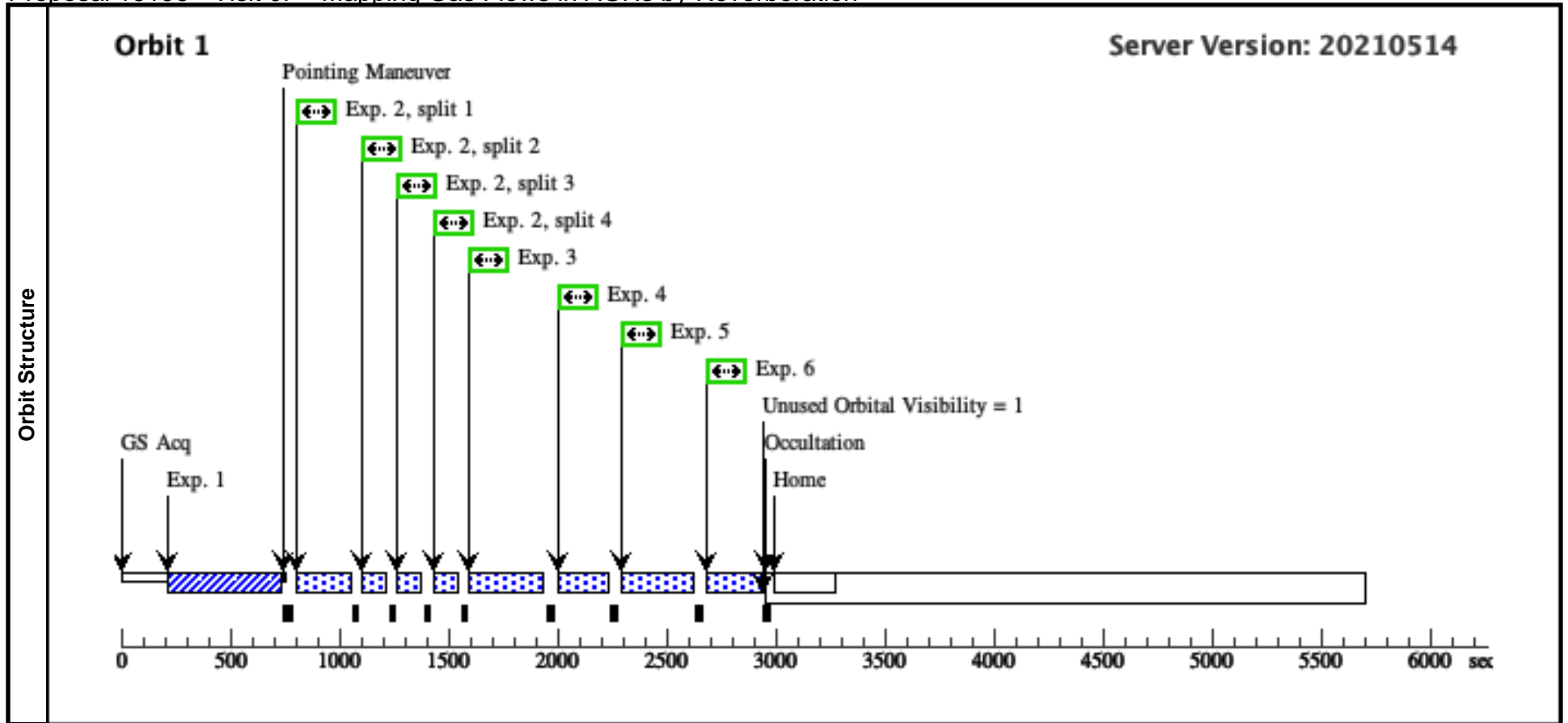
Visit	Proposal 16196, Visit 3P, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 01-DEC-2021:10:03:20 AND 02-DEC-2021:10:03:20 Comments: Repeat of visit 0E which was lost due to June 2021 NSSC-1 Safing.										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 0F - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

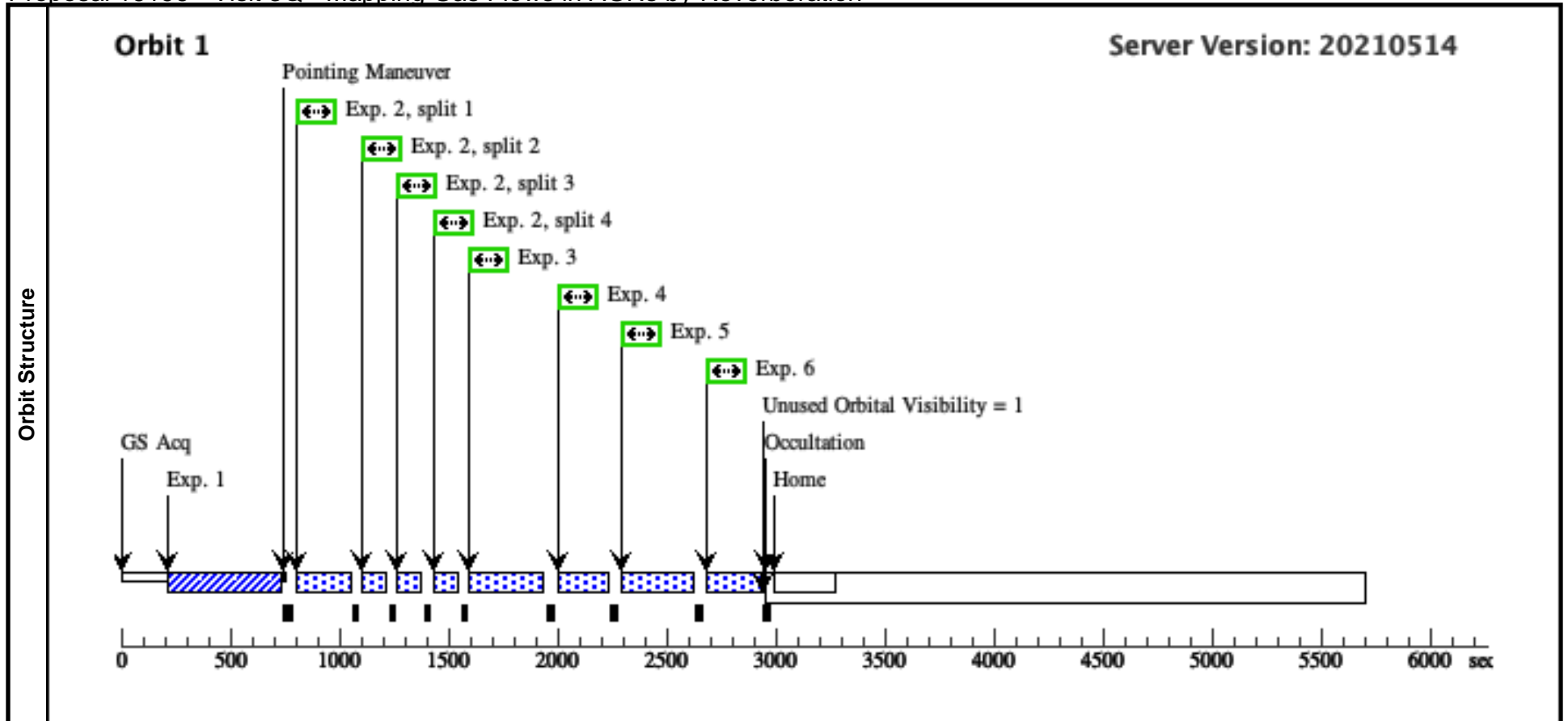
Visit	Proposal 16196, Visit 0F, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 15-JUN-2021:20:24:34 AND 16-JUN-2021:20:24:34									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 3Q - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

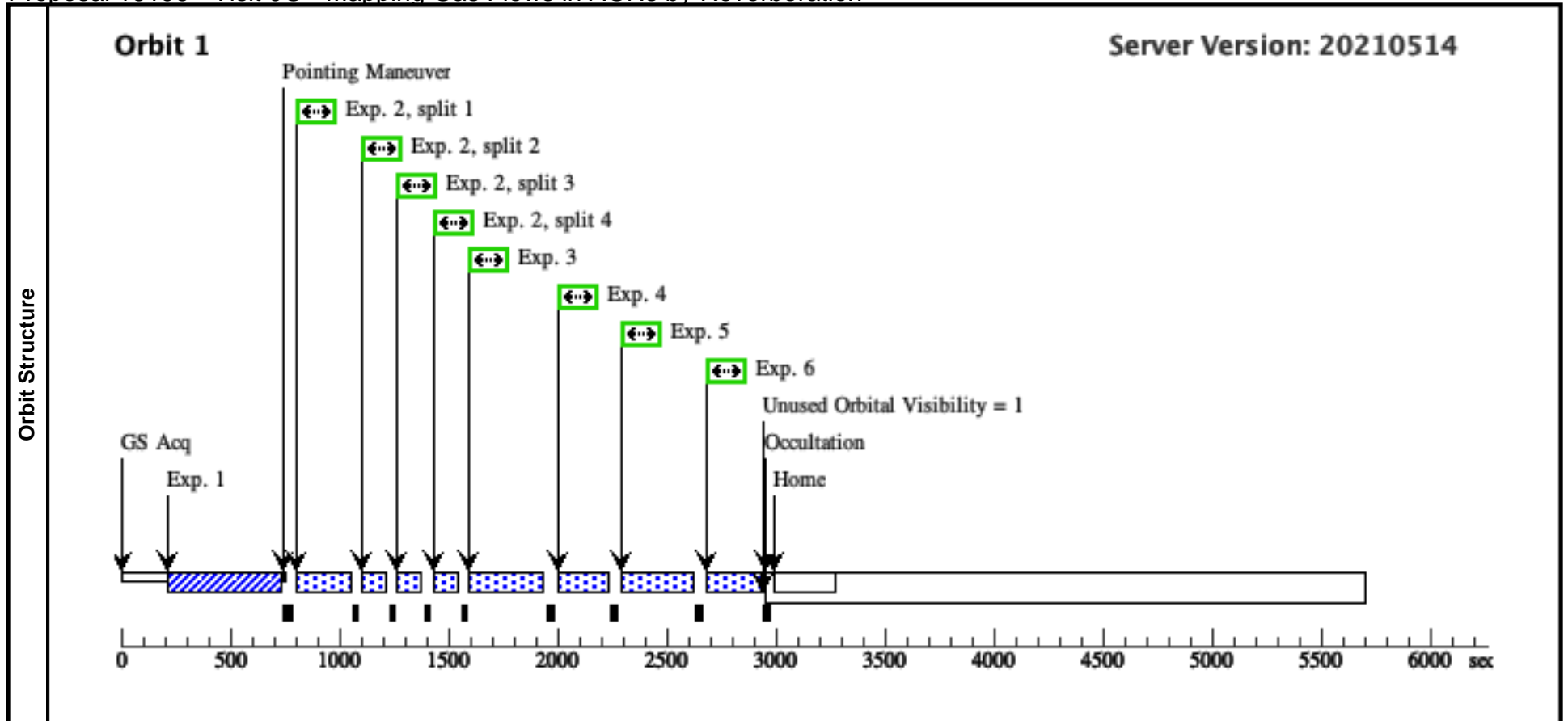
Visit	Proposal 16196, Visit 3Q, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 03-DEC-2021:09:05:53 AND 04-DEC-2021:09:05:53 Comments: Repeat of visit 0F which was lost due to June 2021 NSSC-1 Safing.																																																																																									
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO																																																																		
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																																																				
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																																					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO																																																																																										
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Proposal 16196 - Visit 0G - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

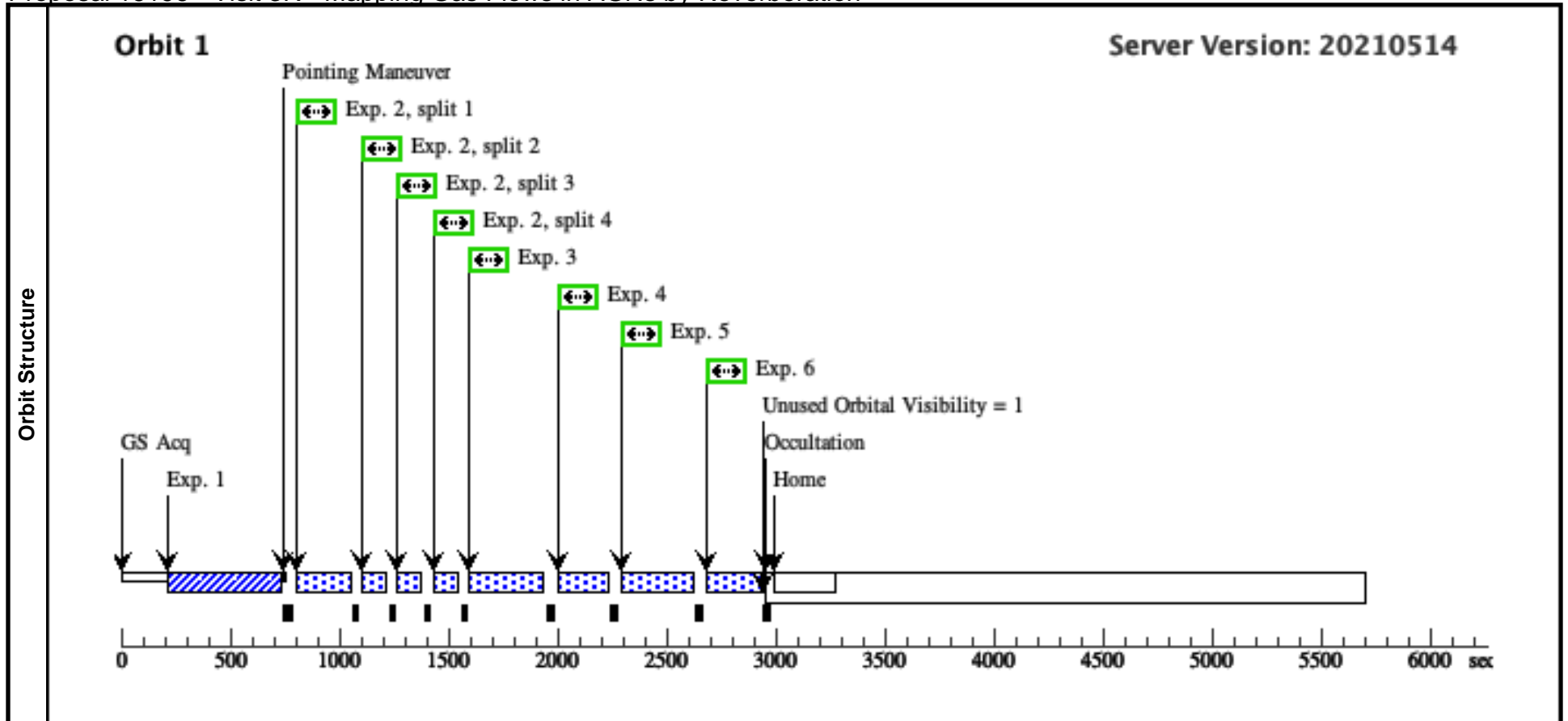
Visit		Proposal 16196, Visit 0G, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 17-JUN-2021:19:27:07 AND 18-JUN-2021:19:27:07									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
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	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 3R - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

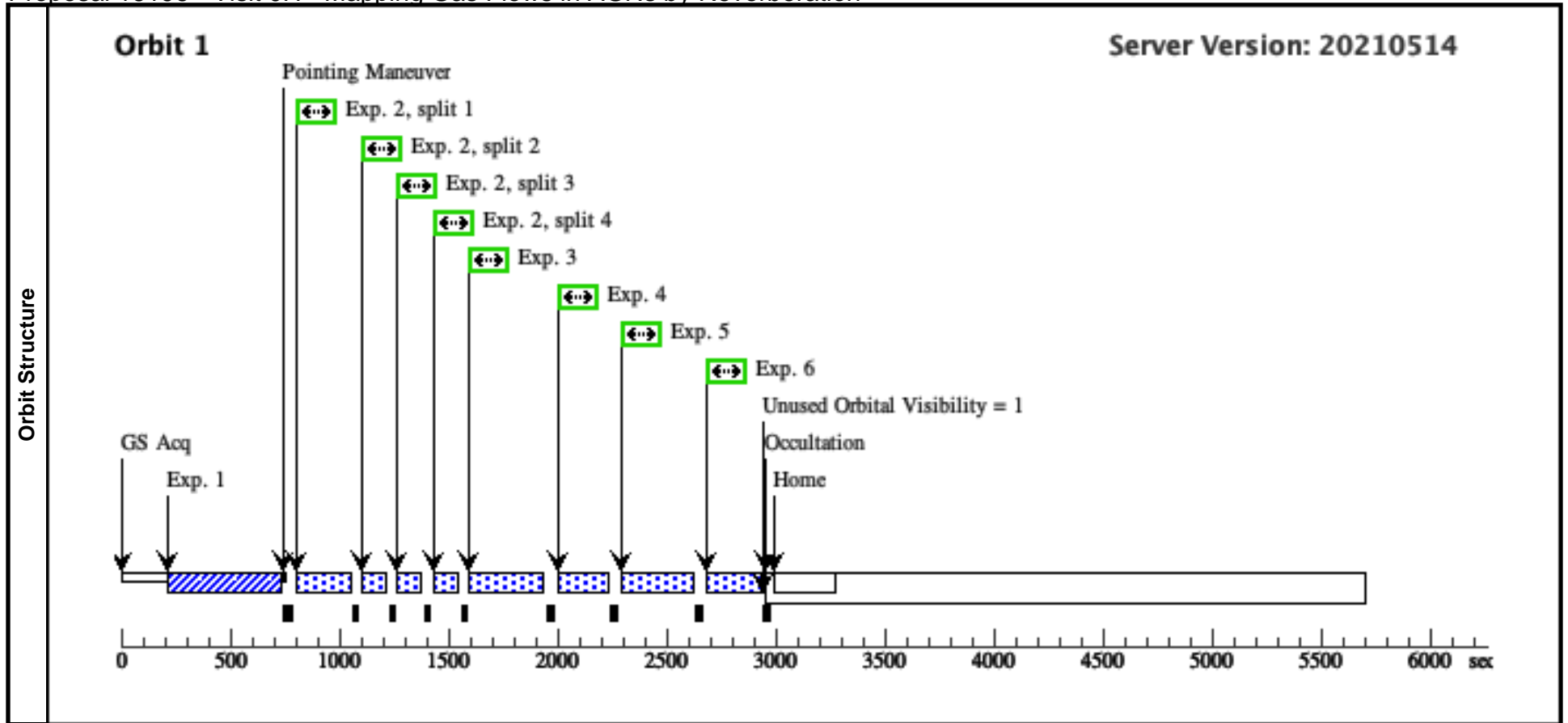
Visit	Proposal 16196, Visit 3R, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 05-DEC-2021:08:08:25 AND 06-DEC-2021:08:08:25 Comments: Repeat of visit 0G which was lost due to June 2021 NSSC-1 Safing.																
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14
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	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]							
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6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]								



Proposal 16196 - Visit 0H - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

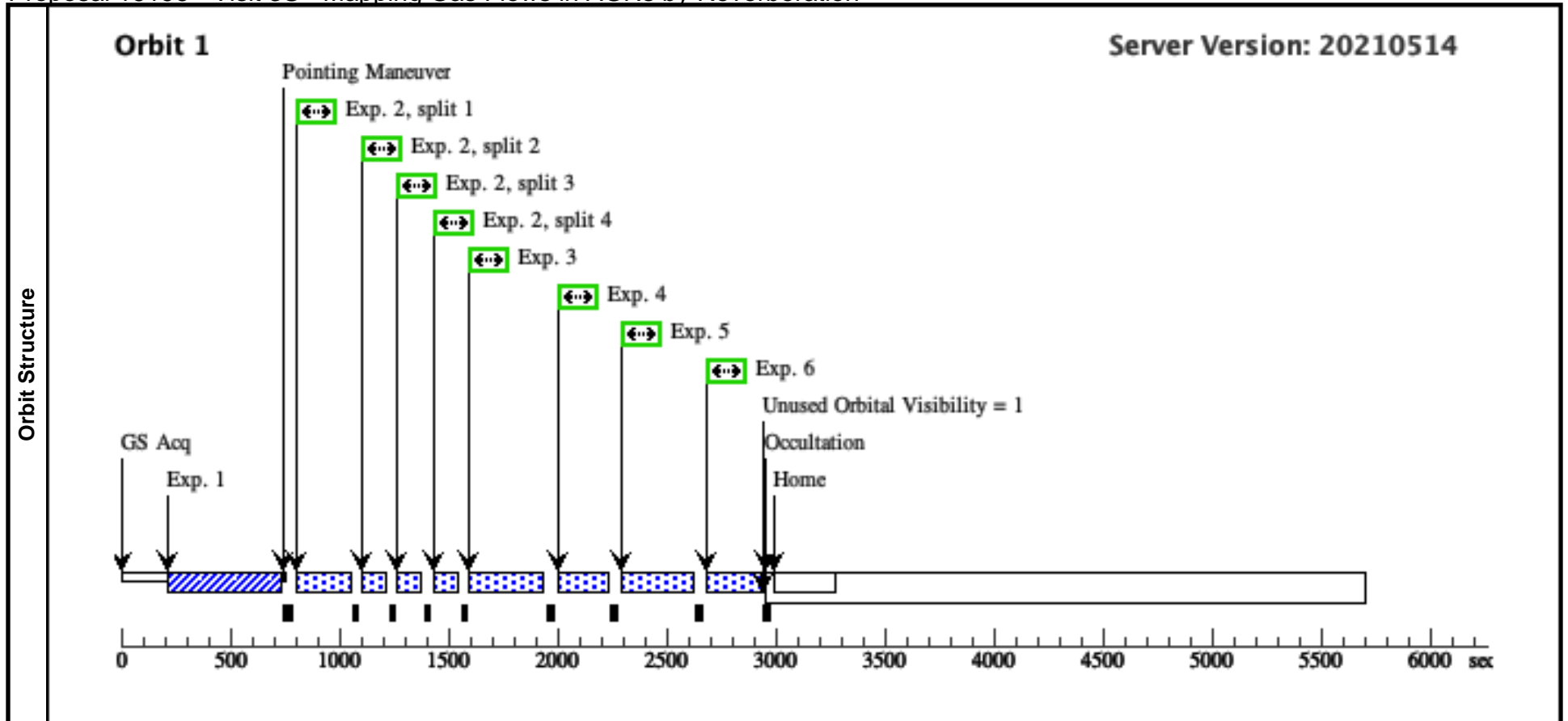
Visit	Proposal 16196, Visit 0H, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 19-JUN-2021:18:29:39 AND 20-JUN-2021:18:29:39																																																																																									
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Proposal 16196 - Visit 3S - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

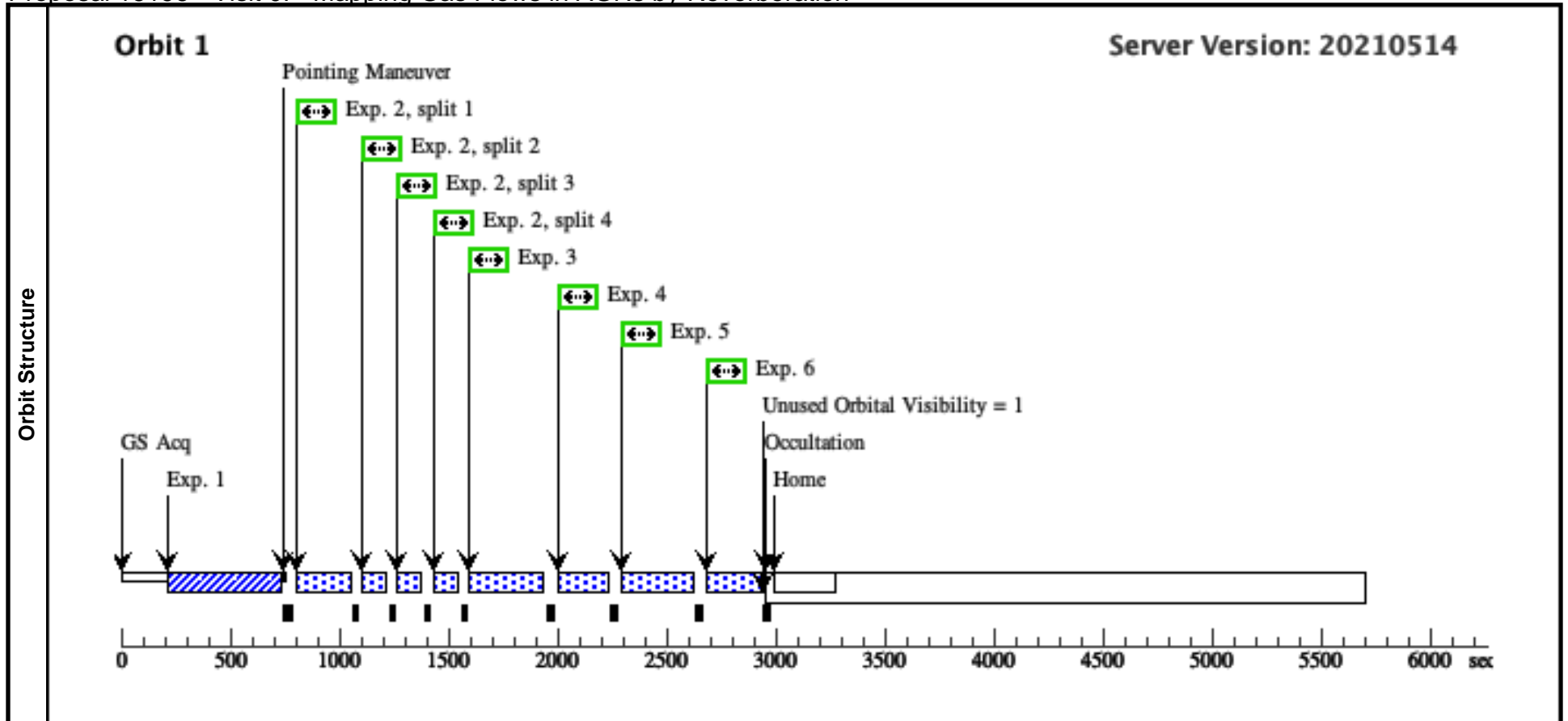
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	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 0I - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

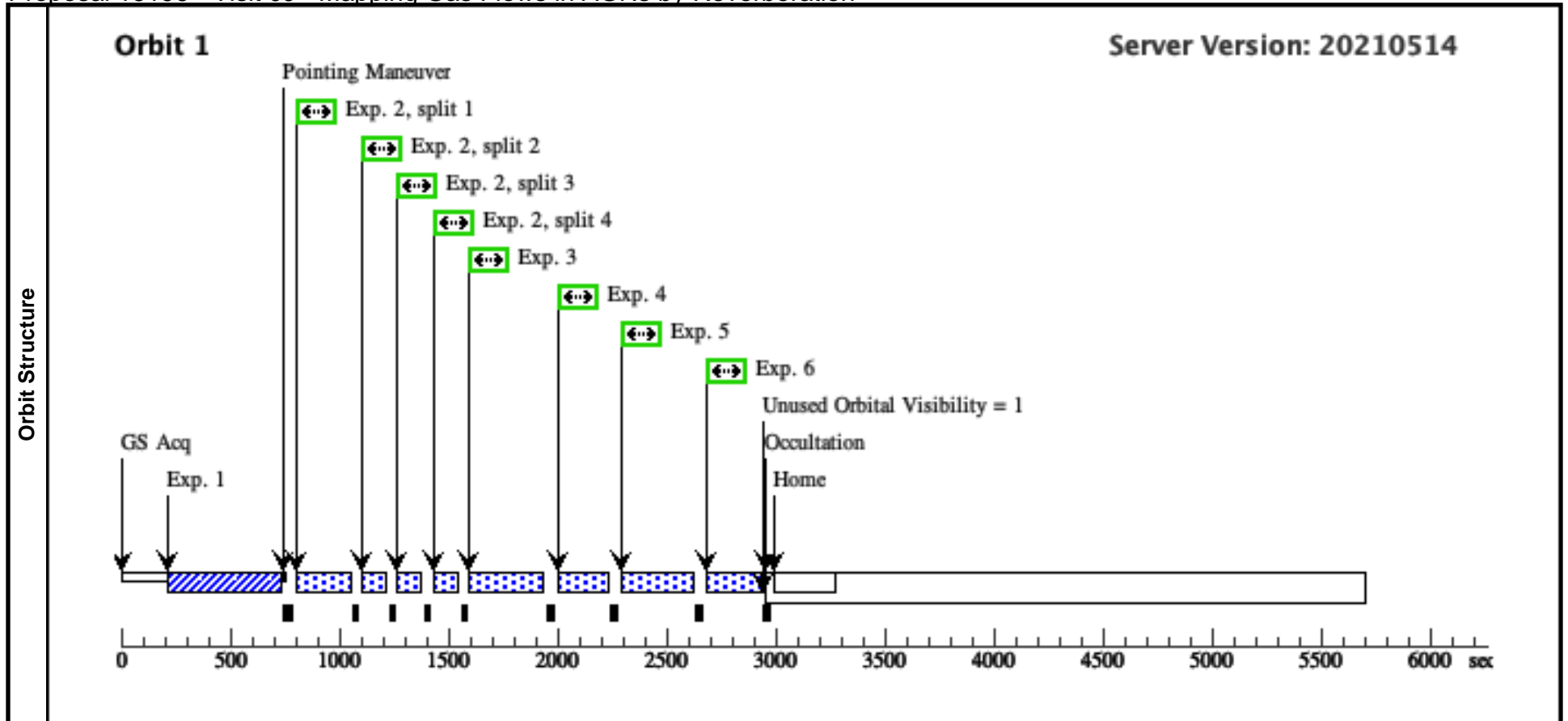
Visit	Proposal 16196, Visit 0I, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 09-DEC-2021:06:13:31 AND 10-DEC-2021:06:13:31									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 0J - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

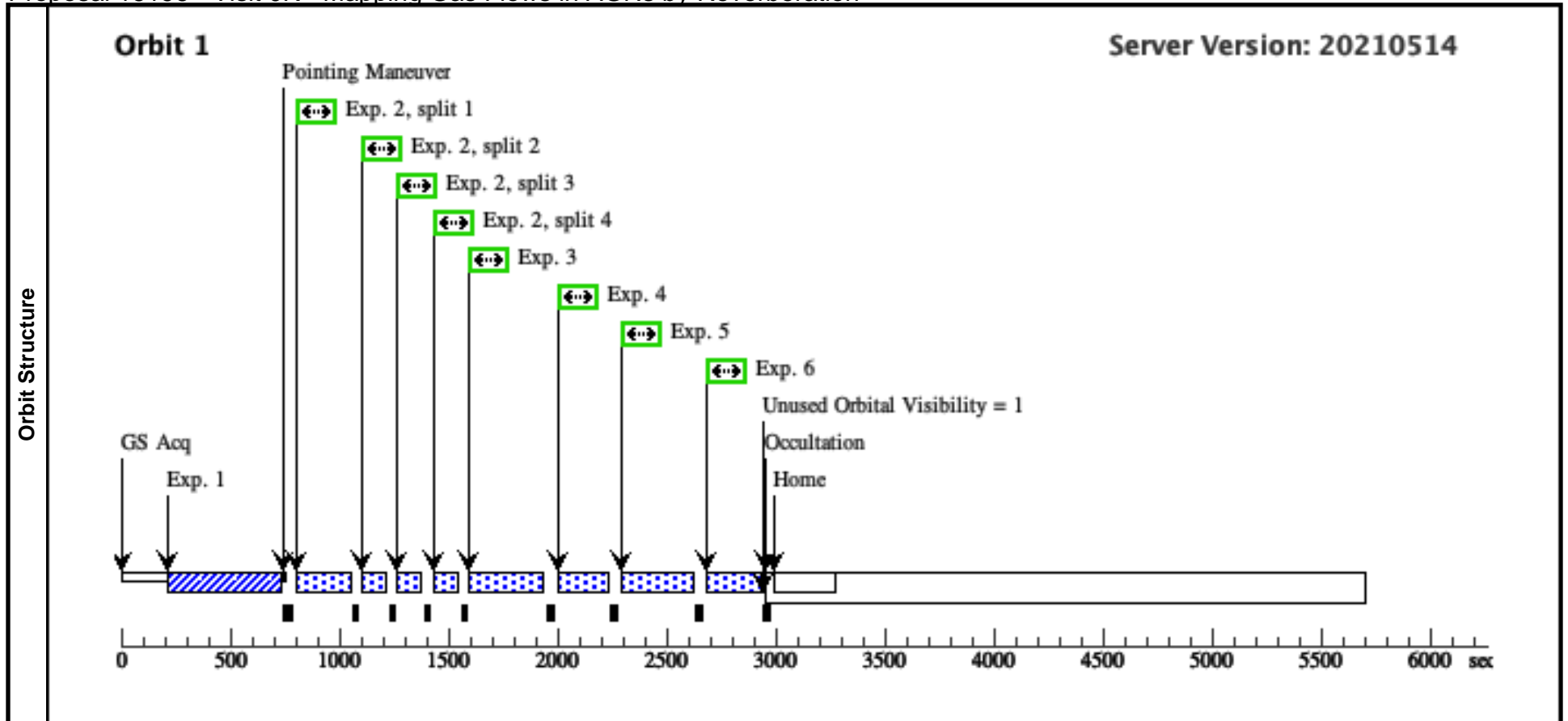
Visit	Proposal 16196, Visit 0J, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 11-DEC-2021:05:16:03 AND 12-DEC-2021:05:16:03																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																								
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																																																																								
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2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																								
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6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																								



Proposal 16196 - Visit 0K - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

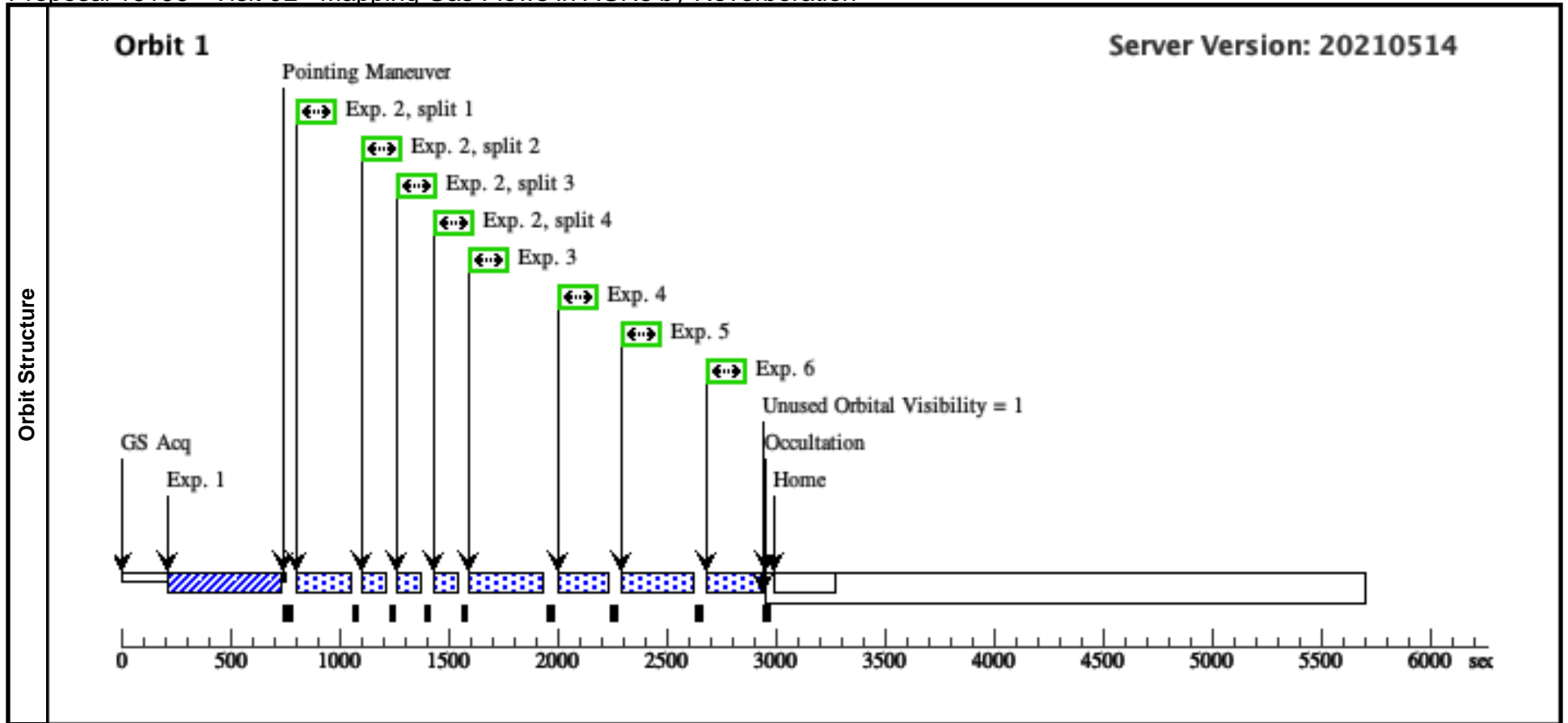
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 0L - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

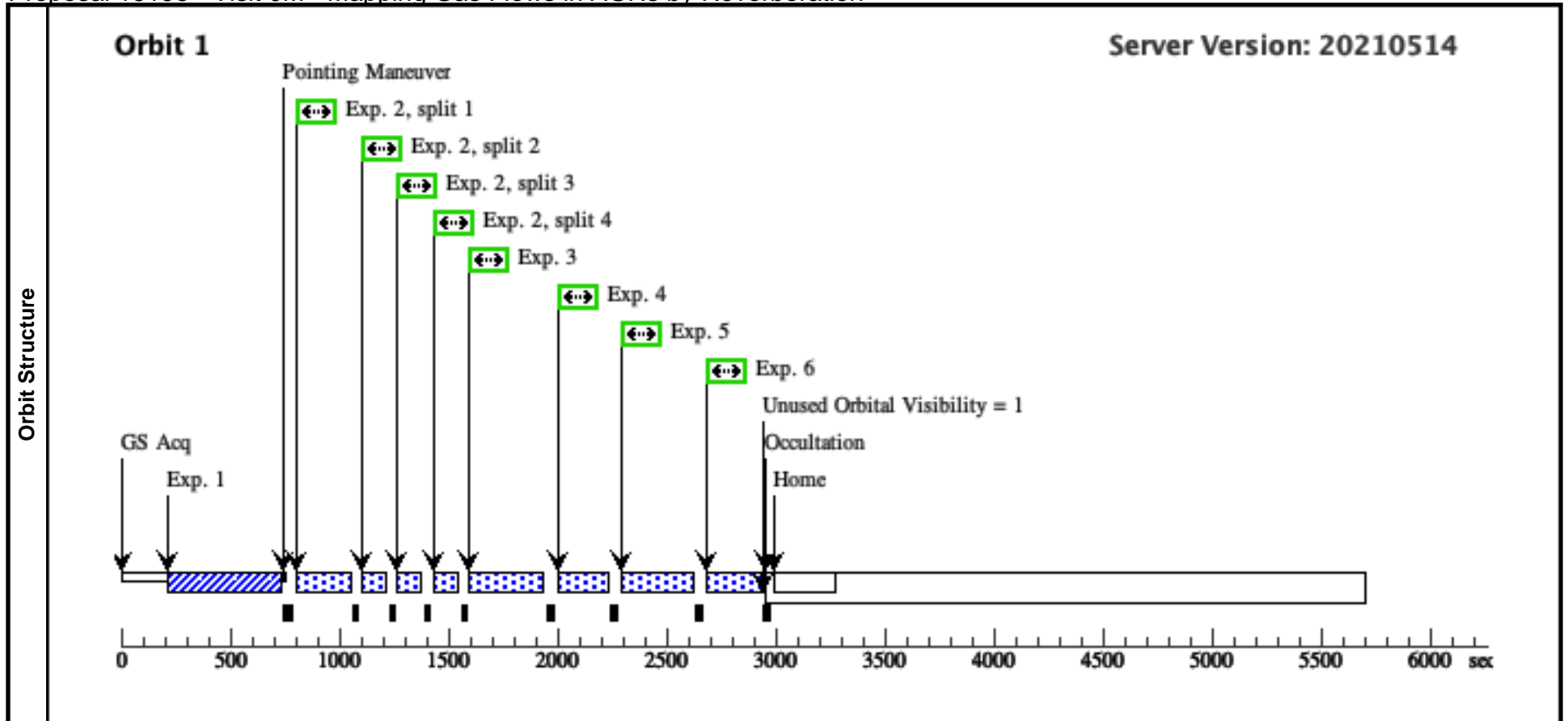
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 0M - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

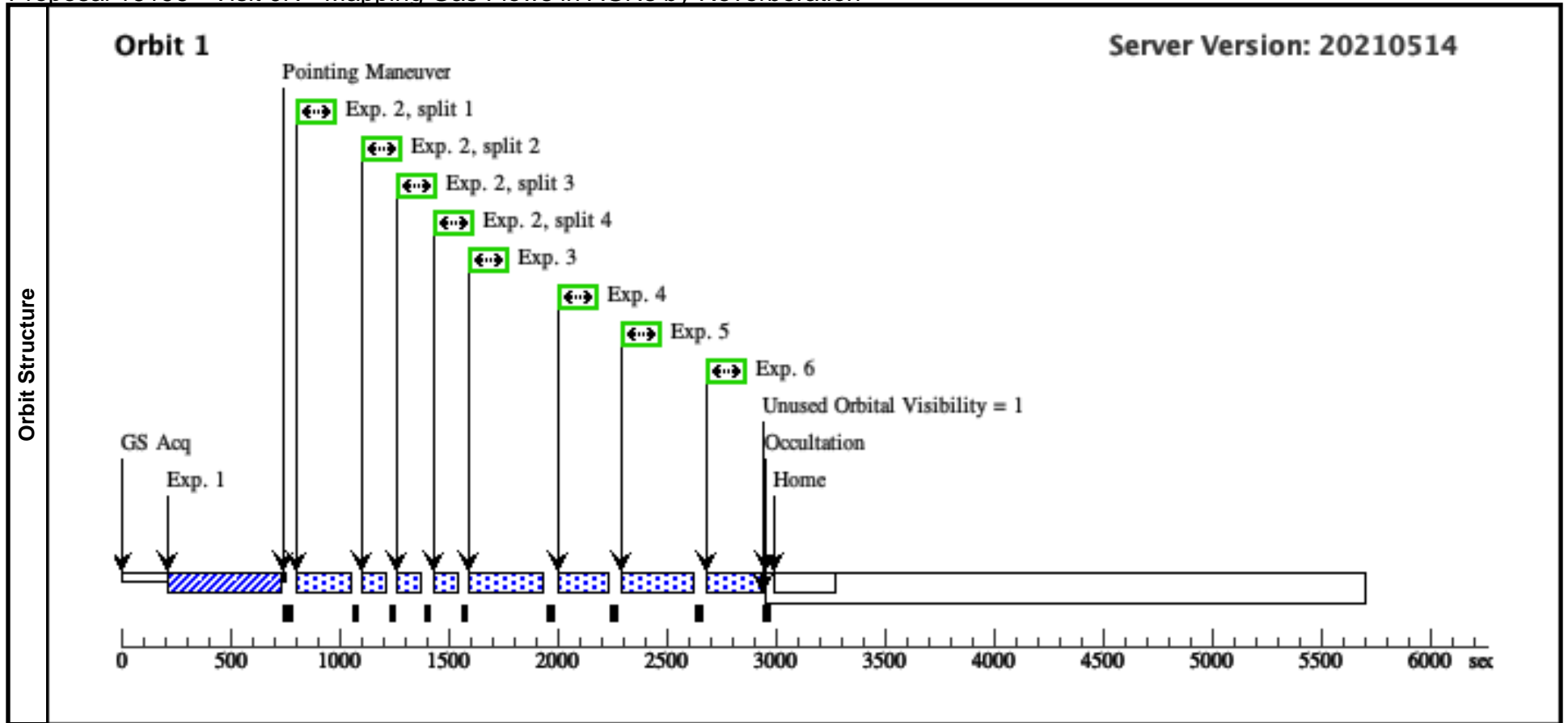
Visit		Proposal 16196, Visit 0M, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 17-DEC-2021:02:23:41 AND 18-DEC-2021:02:23:41									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 0N - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

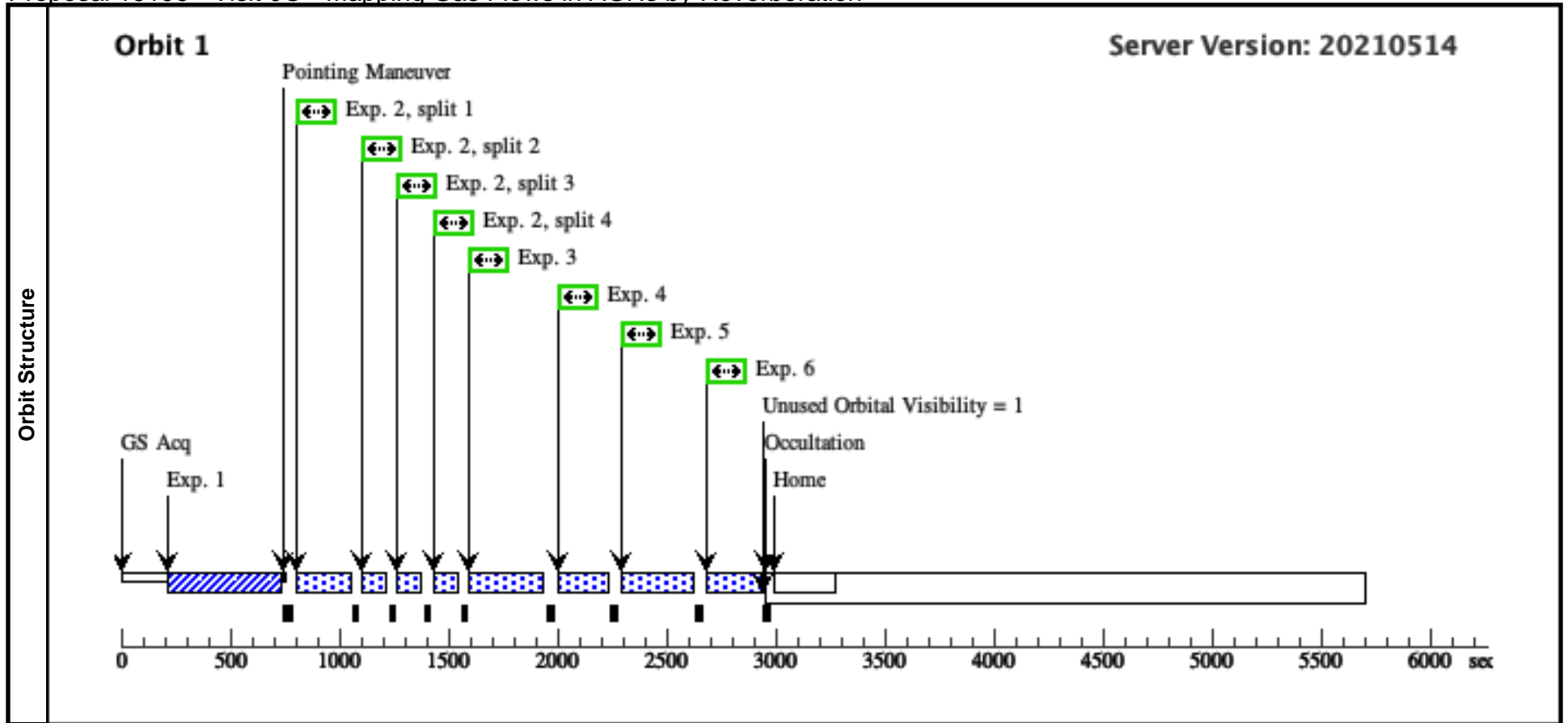
Visit	Proposal 16196, Visit 0N, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 19-DEC-2021:01:26:14 AND 20-DEC-2021:01:26:14																																																																																									
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 00 - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

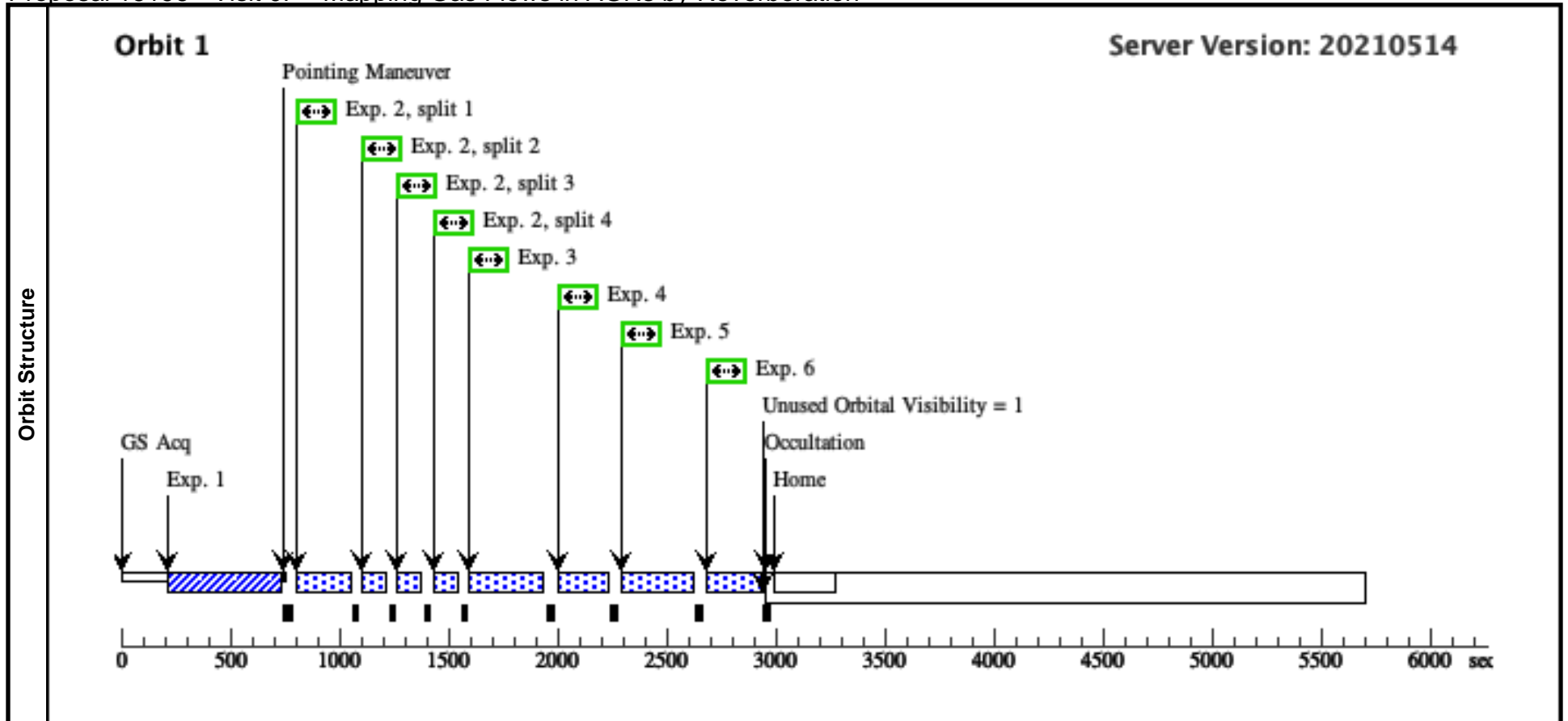
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 0P - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

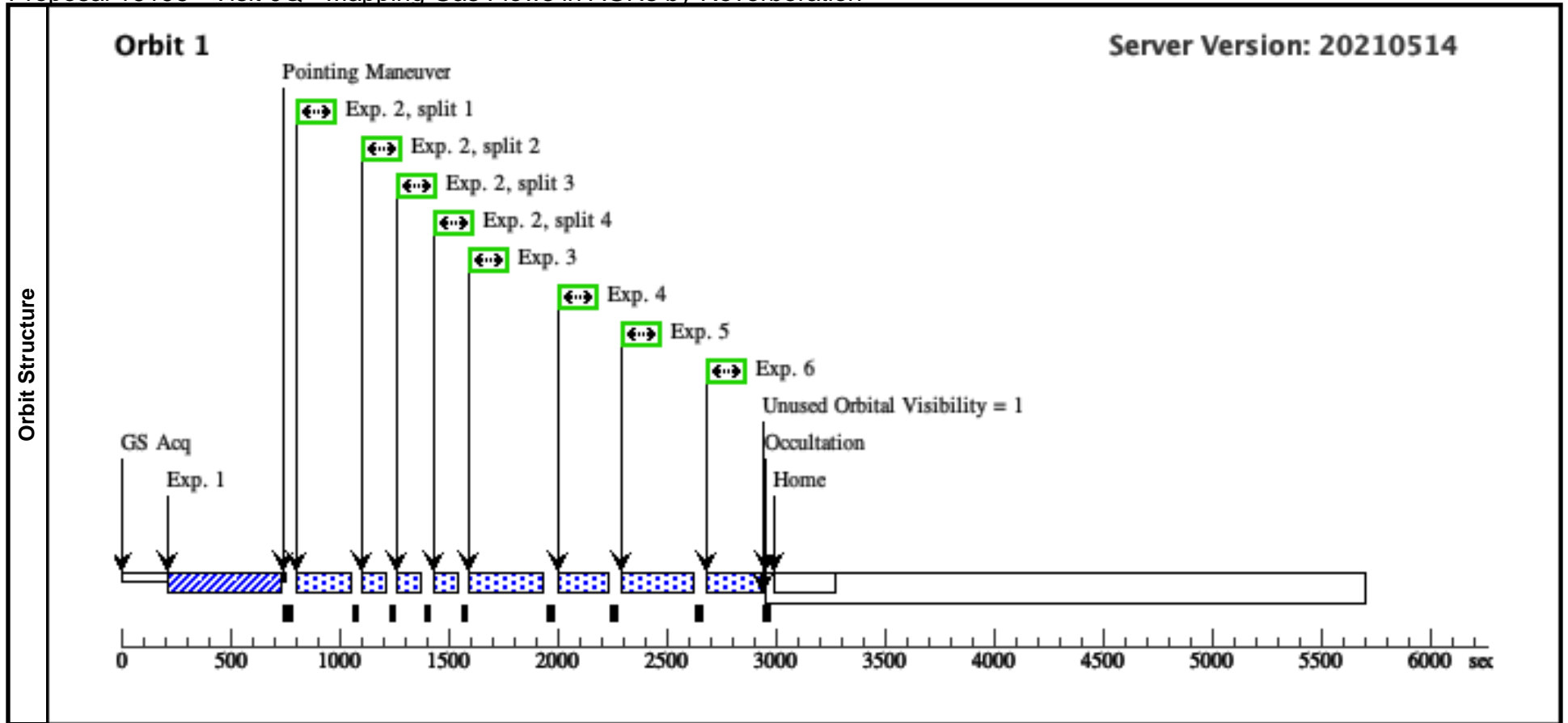
Visit		Proposal 16196, Visit 0P, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 22-DEC-2021:23:31:19 AND 23-DEC-2021:23:31:19									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 0Q - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

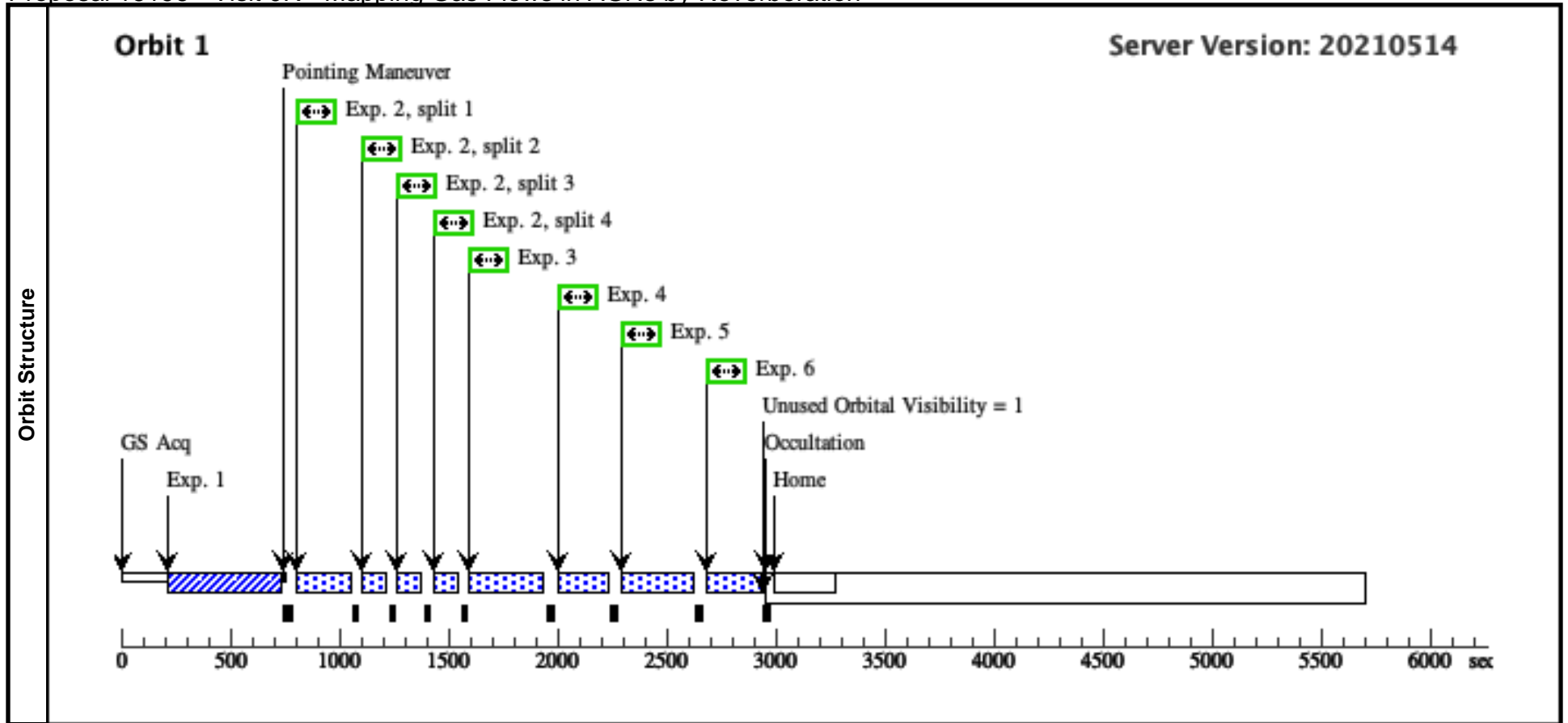
Visit		Proposal 16196, Visit 0Q, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 24-DEC-2021:22:33:52 AND 25-DEC-2021:22:33:52								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 0R - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

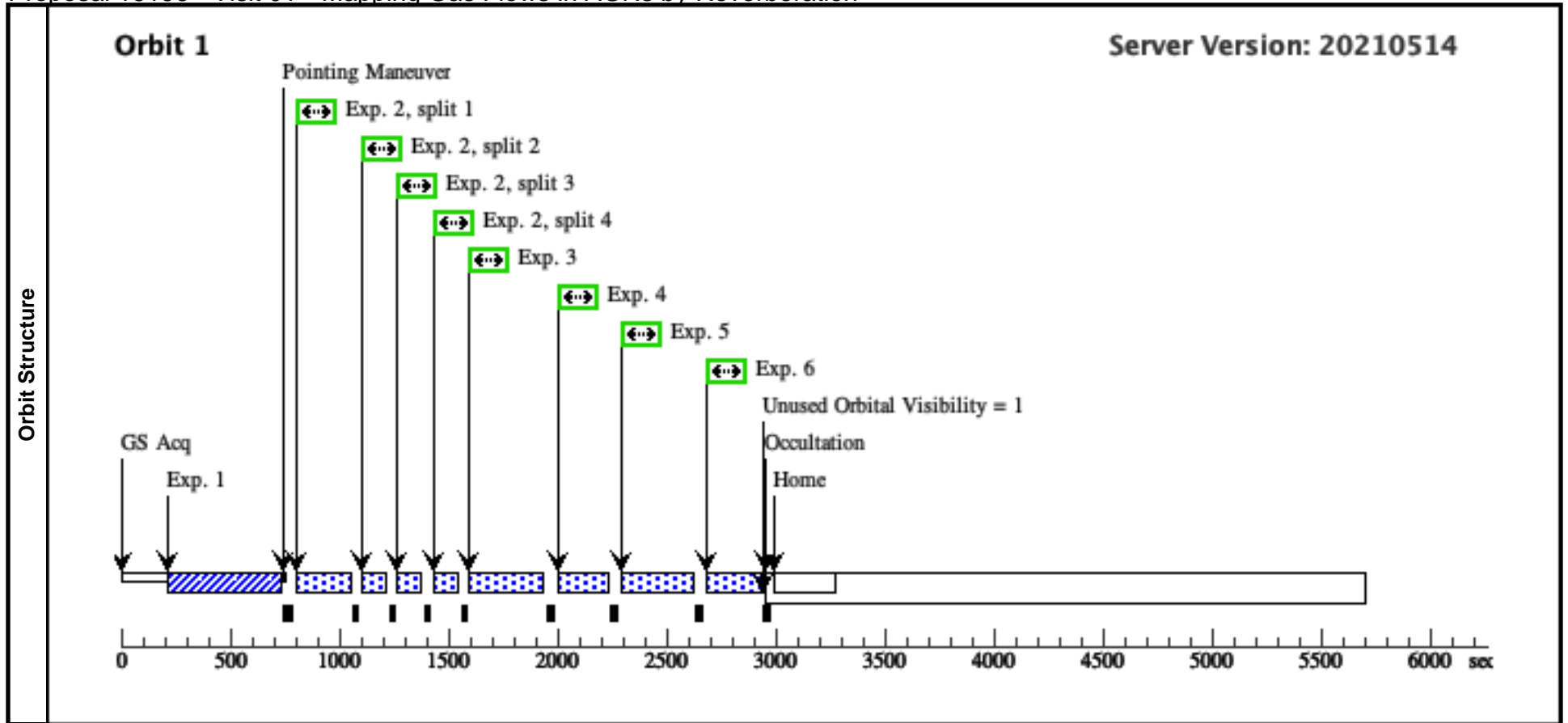
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 0T - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

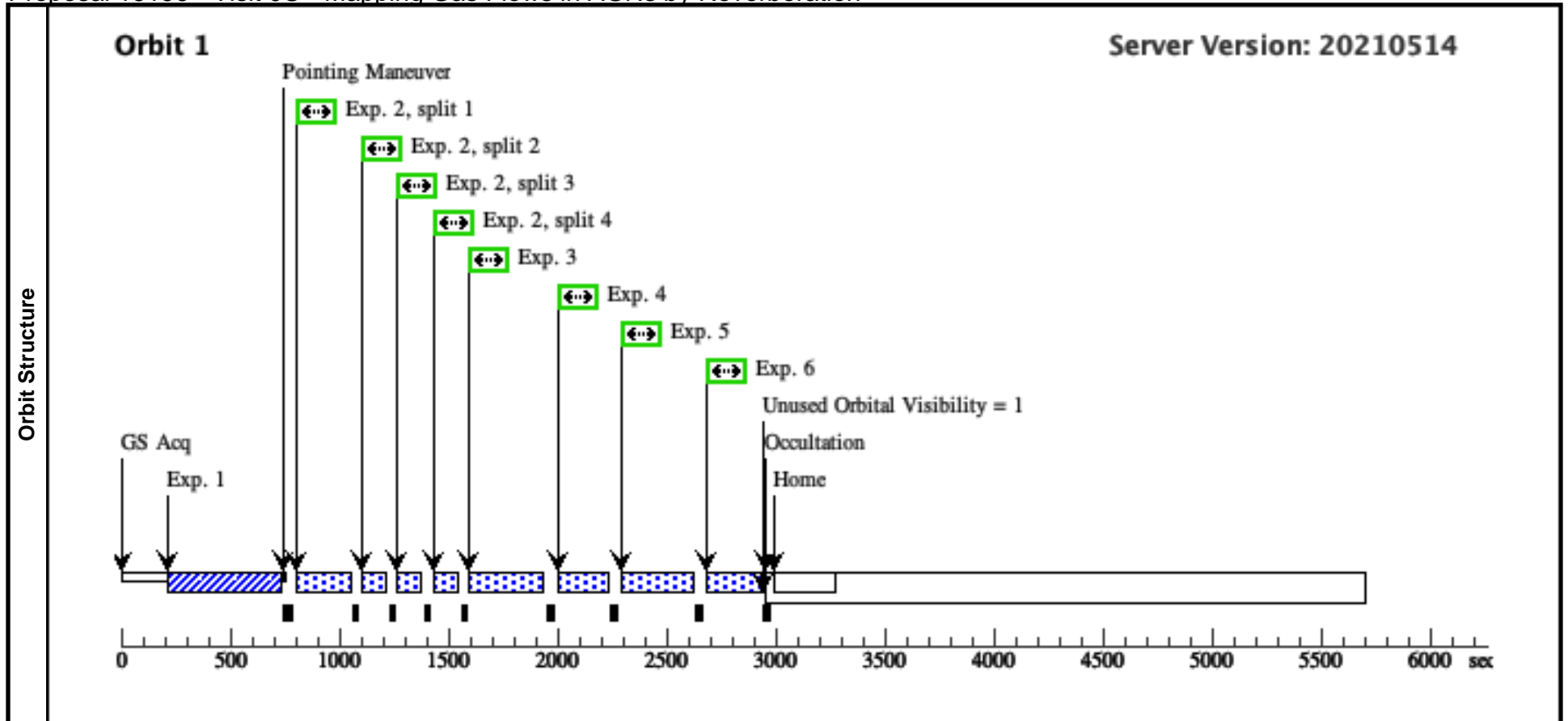
Visit	Proposal 16196, Visit 0T, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 28-DEC-2021:20:38:57 AND 29-DEC-2021:20:38:57																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																																												
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																												
Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																								
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																																																																								
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Proposal 16196 - Visit 0U - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

Visit	Proposal 16196, Visit 0U, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 30-DEC-2021:19:41:30 AND 31-DEC-2021:19:41:30									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



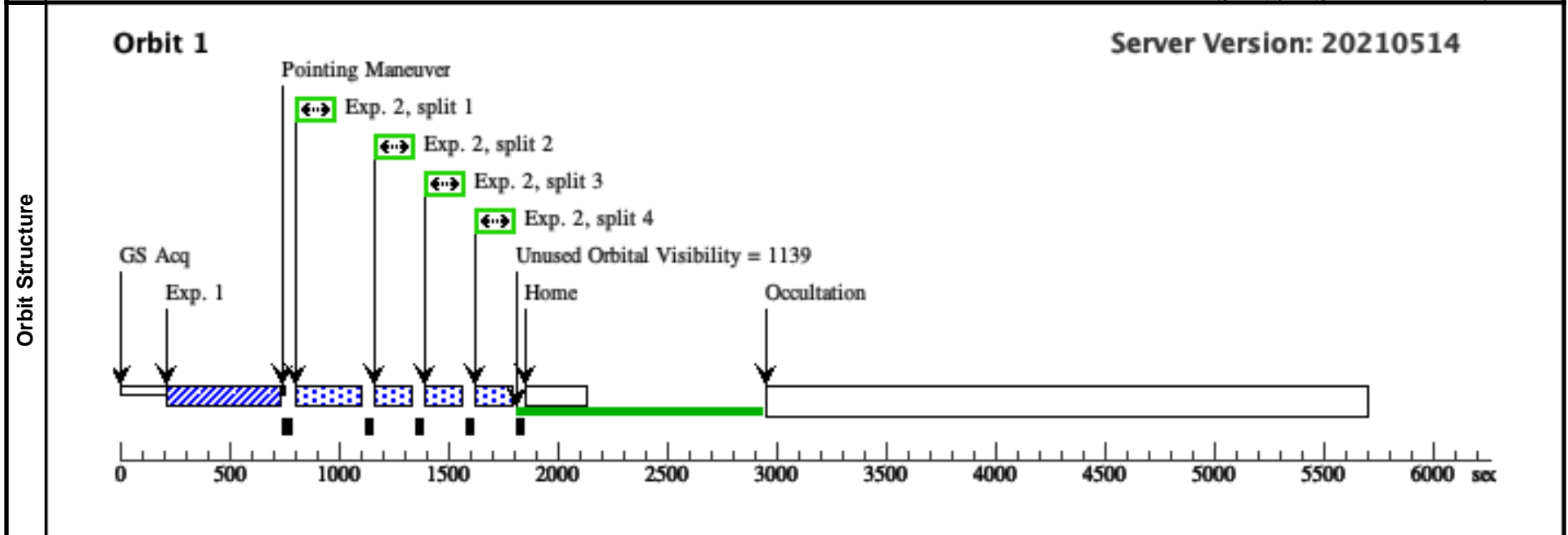
Proposal 16196 - GAP SHORT G130M (0X) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

Visit	Proposal 16196, GAP SHORT G130M (0X), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 18-JUL-2021:06:02:44 AND 19-JUL-2021:06:02:44; GROUP 0X,0Y WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			115. Secs (460 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



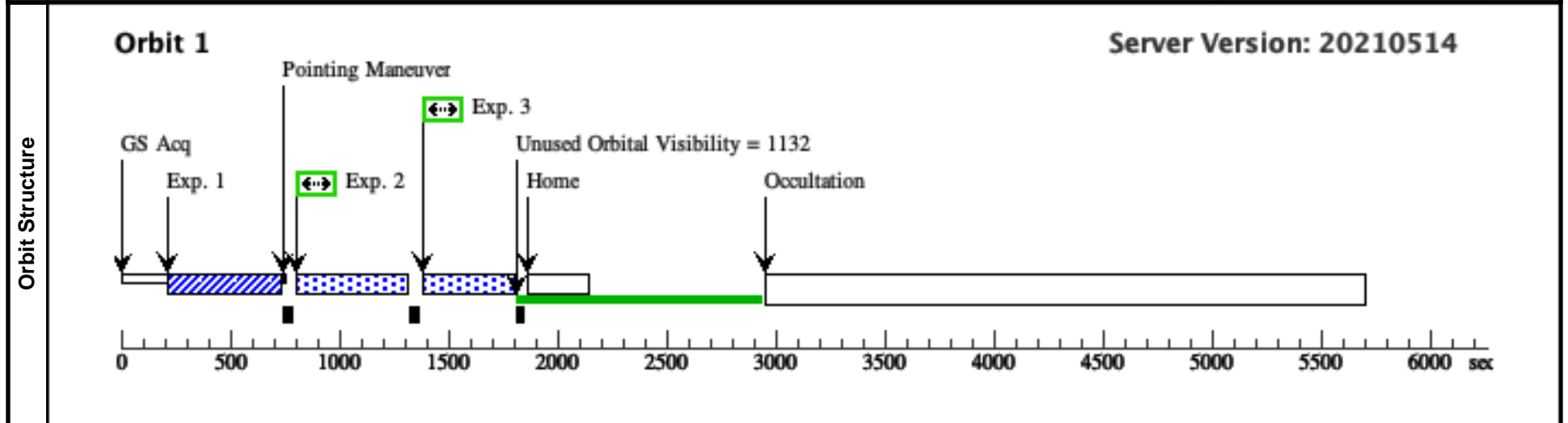
Proposal 16196 - GAP SHORT G160M (0Y) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

Visit	Proposal 16196, GAP SHORT G160M (0Y), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 18-JUL-2021:06:02:44 AND 19-JUL-2021:06:02:44; GROUP 0Y,0X WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					
	Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.										
	2	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=3			285. Secs (285 Secs) [==>]	[1]	
	3	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00.; FP-POS=3			285. Secs (285 Secs) [==>]	[1]	

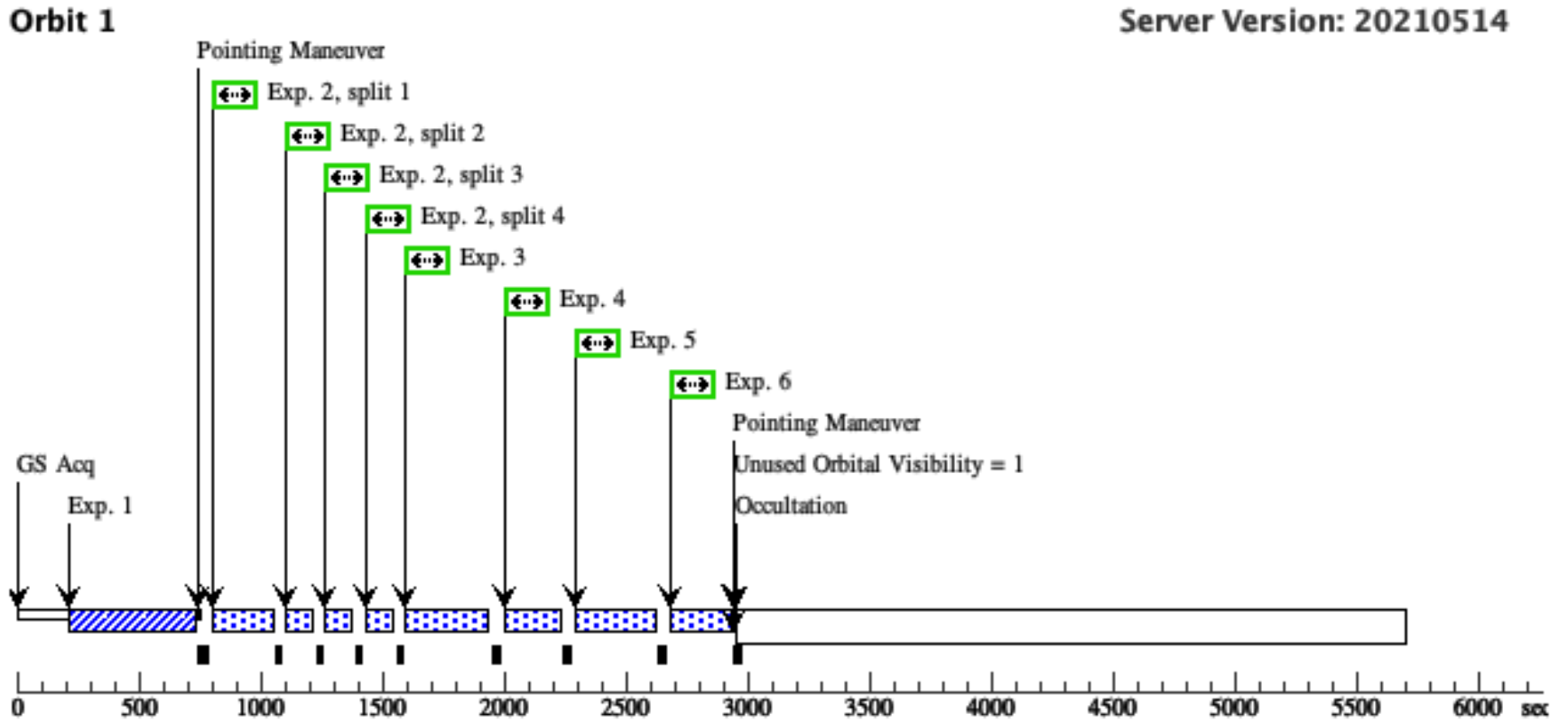


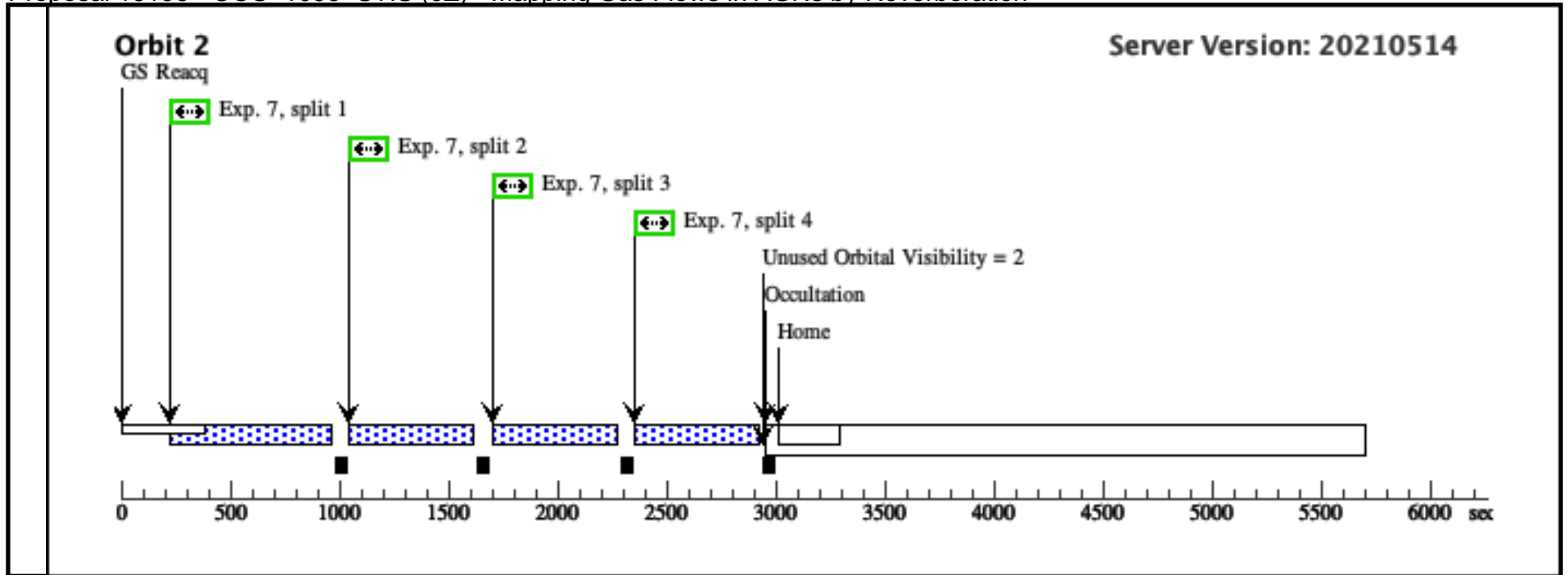
Proposal 16196 - COS+1096+STIS (OZ) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

Visit	Proposal 16196, COS+1096+STIS (OZ), failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 25-JUL-2021:01:15:27 AND 26-JUL-2021:01:15:27 Comments: This full broad band spectrum is for coordination with the XMM-Newton observation occurring on 18-19 July. Visit OZ was split into two visits, OZ and 3O to enable scheduling. Each visit uses only COS or STIS and is two orbits long.																
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit							
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]							
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.																
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]							
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]							
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]							
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]							
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]							
7	(COS.sp.147 2497)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1096 A	BUFFER-TIME=14 00; FP-POS=ALL			522. Secs (2088 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]								

Orbit Structure

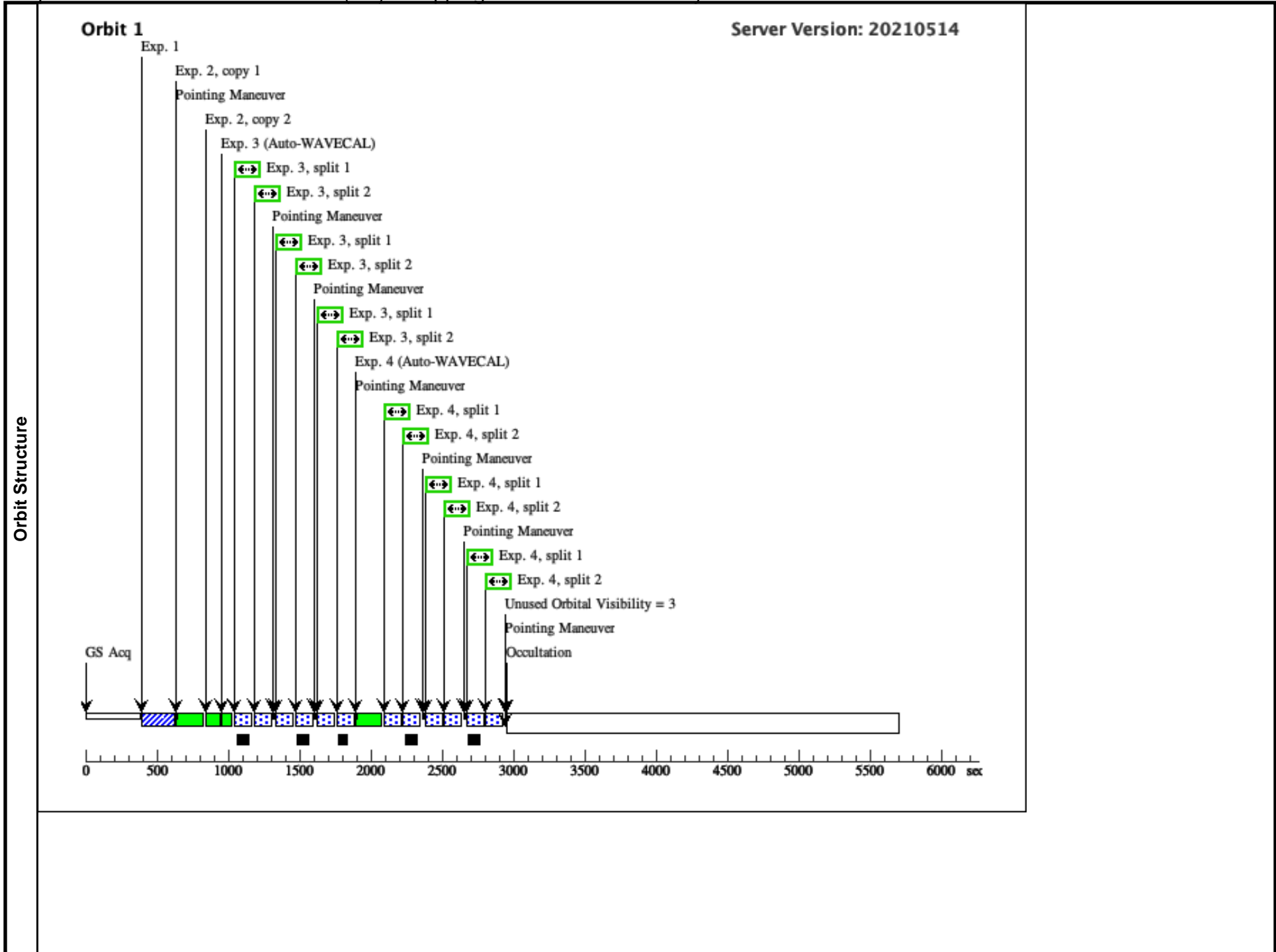


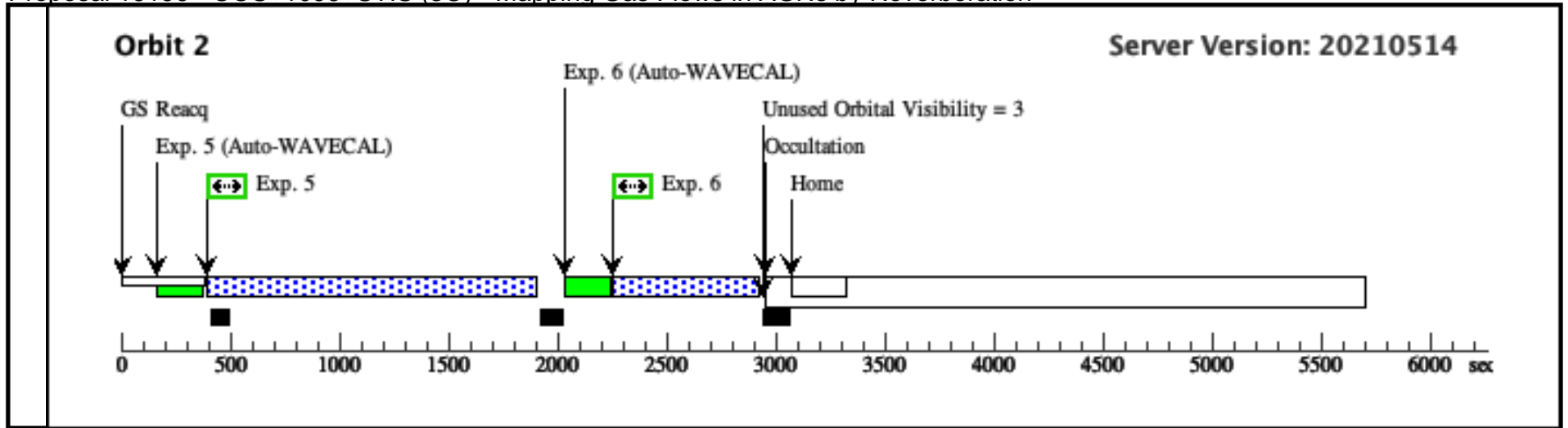


Proposal 16196 - COS+1096+STIS (3O) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:48 GMT 2022

Visit	Proposal 16196, COS+1096+STIS (3O), completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 25-JUL-2021:01:15:27 AND 26-JUL-2021:01:15:27 Comments: This full broad band spectrum is for coordination with the XMM-Newton observation occurring on 18-19 July. Visit 0Z was split into two visits, 0Z and 3O to enable scheduling. Each visit uses only COS or STIS and is two orbits long.									
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures
(1)		Pattern Type=STIS-ALONG-SLIT		Coordinate Frame=POS-TARG					(3), (4)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000		Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455		V=13.79 F(1397)=4.2e-14		Reference Frame: ICRS	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.147 0331)	(1) MRK-817	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs) [==>]	[1]
	2		CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				[==>(Copy 1)] [==>(Copy 2)]	[1]
	3	(STIS.sp.14 46706)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 1, Exps 3-3 in COS+1096+STIS (3O) (1)	175 Secs (525 Secs) [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	4	(STIS.sp.14 46705)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	CR-SPLIT=2		Pattern 1, Exps 4-4 in COS+1096+STIS (3O) (1)	175 Secs (525 Secs) [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	5	(STIS.sp.14 46702)	(1) MRK-817	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A				1500 Secs (1500 Secs) [==>]	[2]
	6	(STIS.sp.14 46702)	(1) MRK-817	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				660 Secs (660 Secs) [==>]	[2]

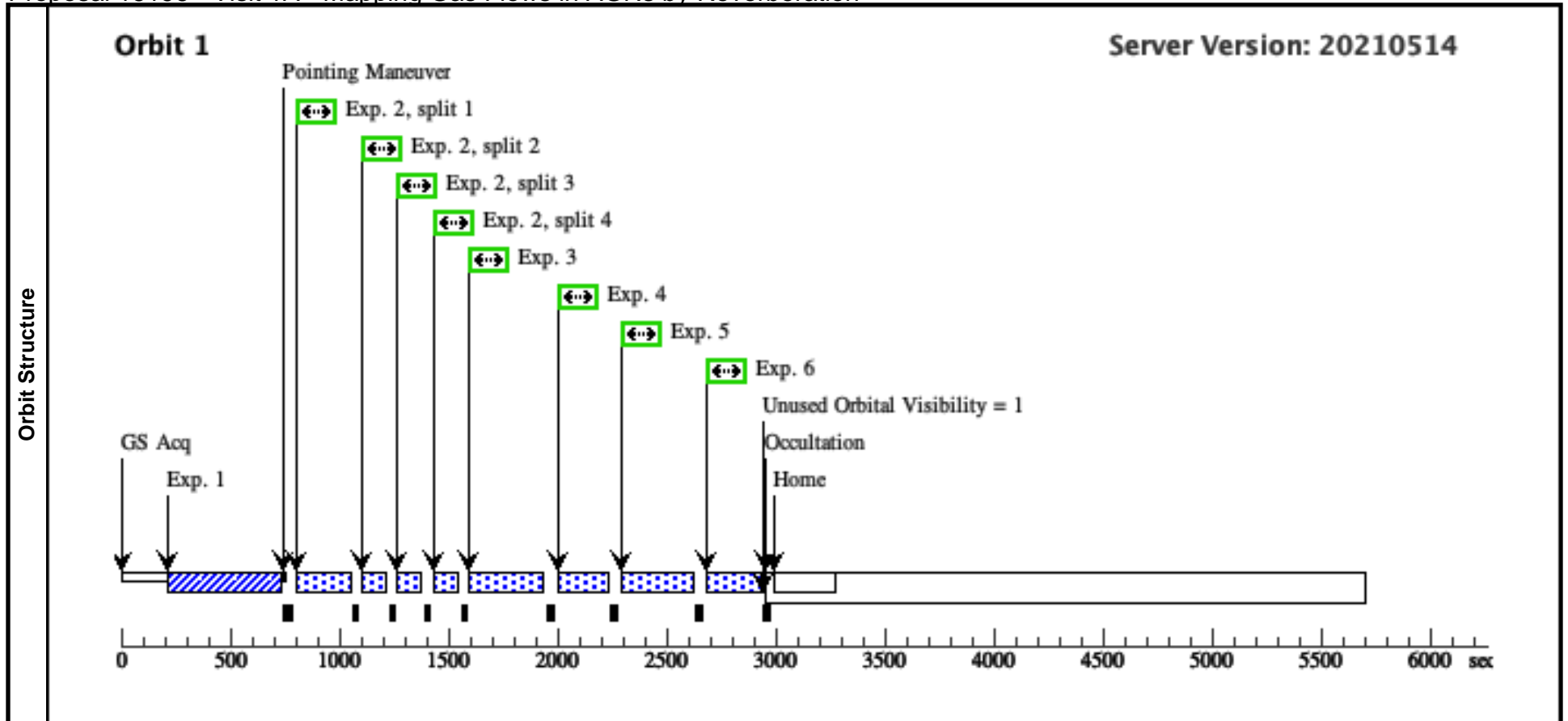




Proposal 16196 - Visit 1A - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

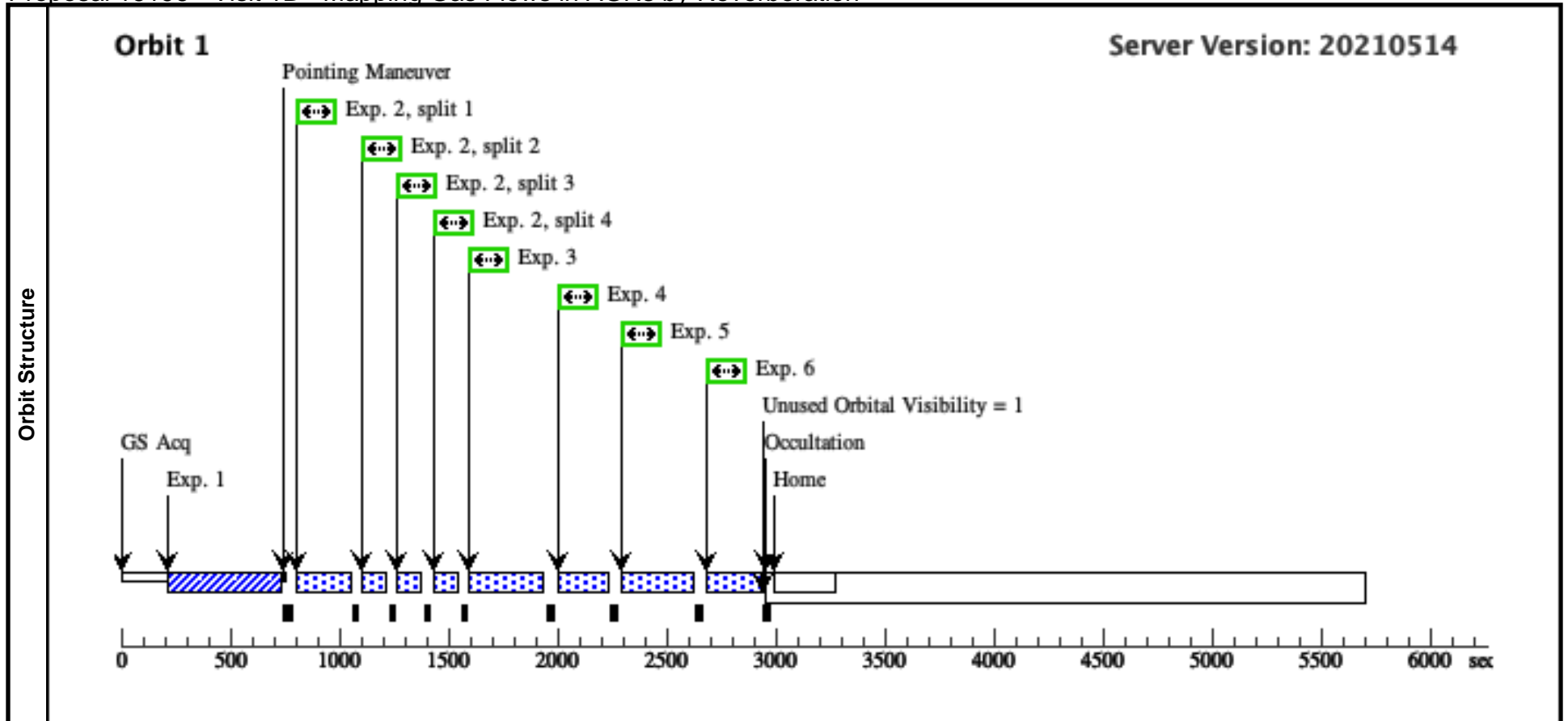
Visit	Proposal 16196, Visit 1A, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 27-JUL-2021:00:18:00 AND 28-JUL-2021:00:18:00									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 1B - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

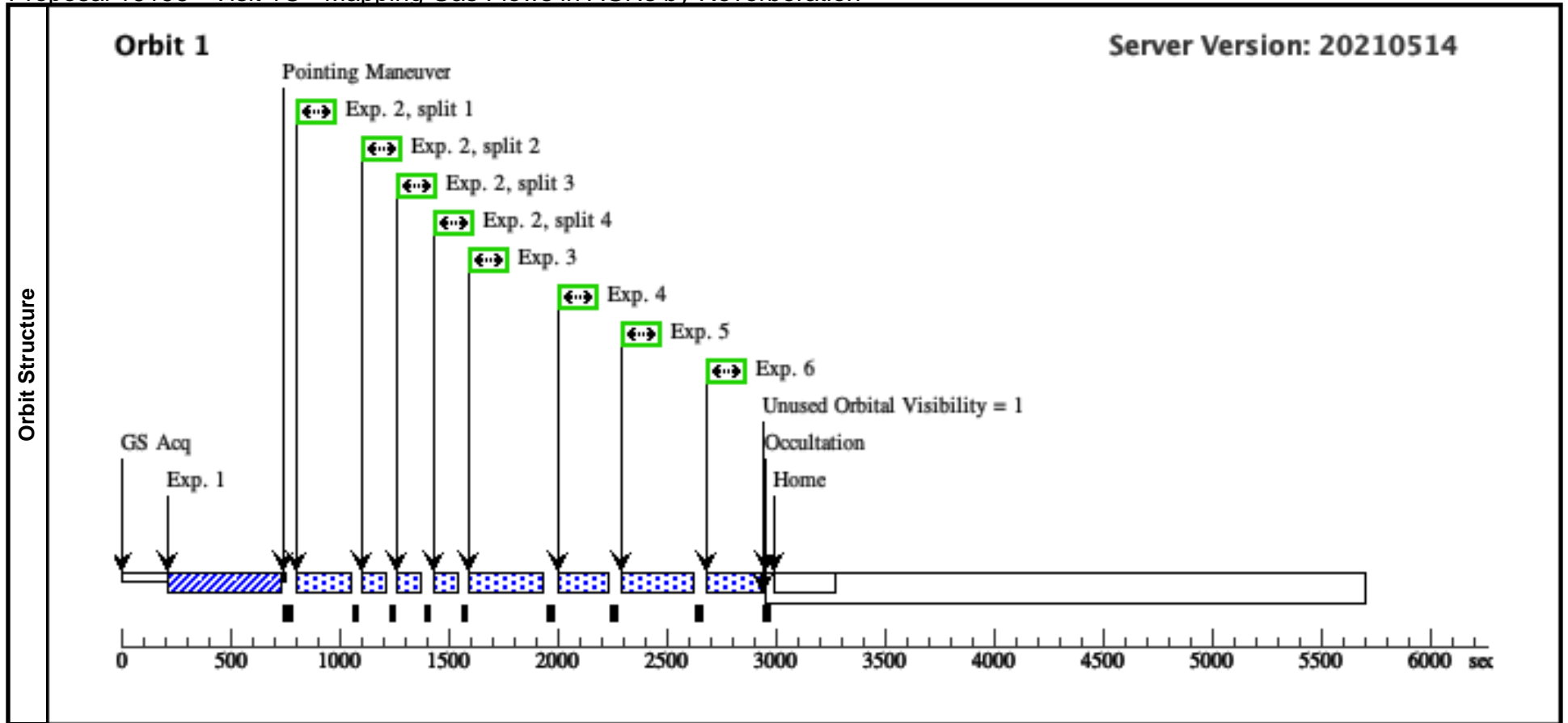
Visit	Proposal 16196, Visit 1B, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 28-JUL-2021:23:20:32 AND 29-JUL-2021:23:20:32									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 1C - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

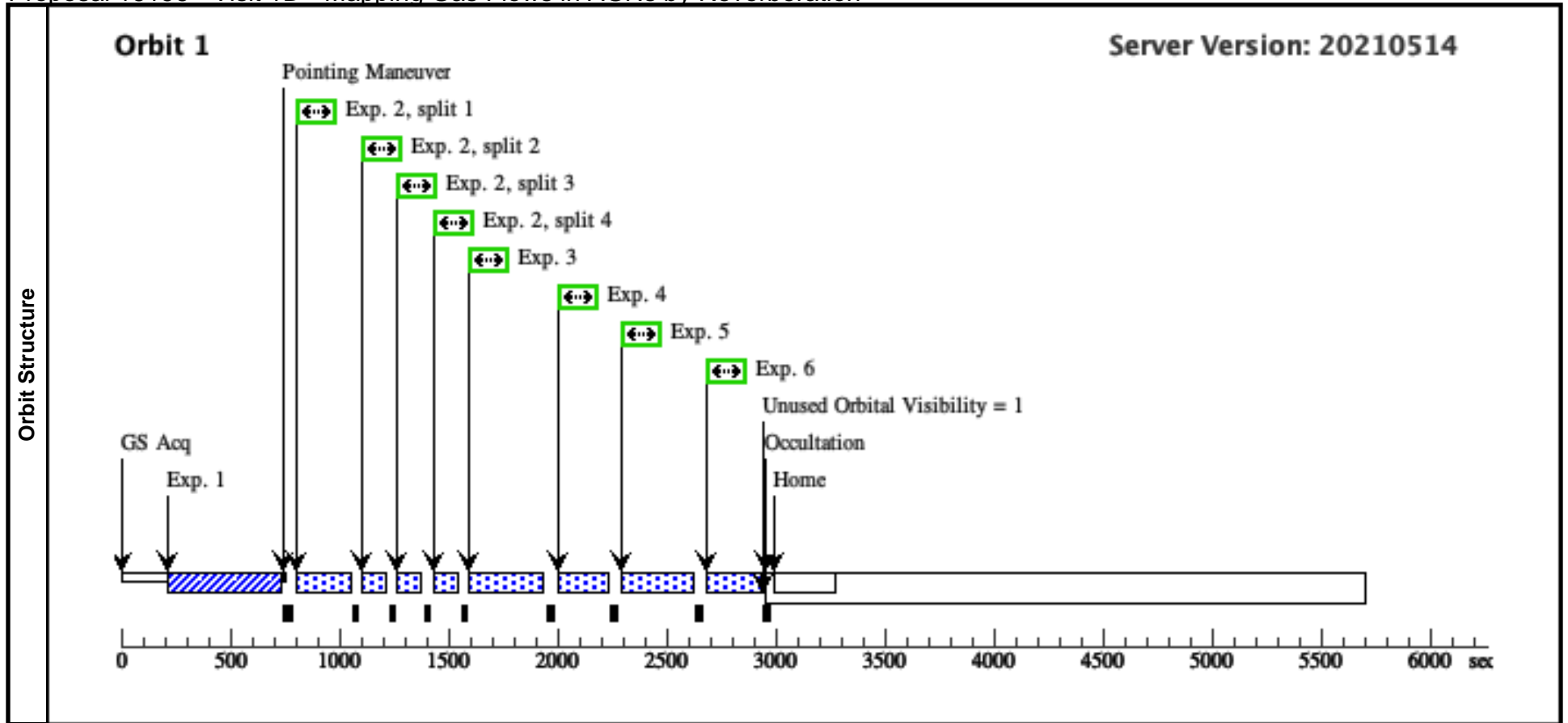
Visit	Proposal 16196, Visit 1C, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 30-JUL-2021:22:23:05 AND 31-JUL-2021:22:23:05									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 1D - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

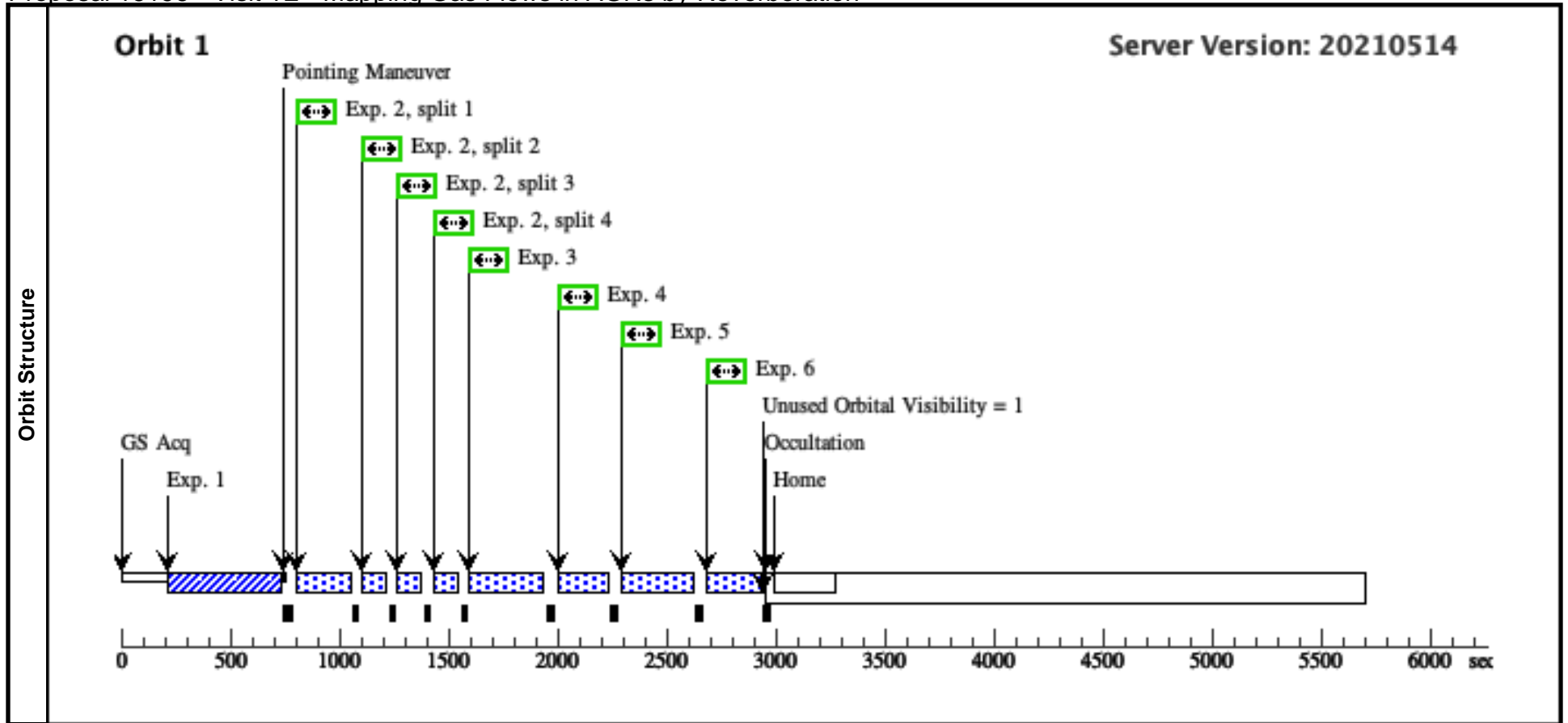
Visit		Proposal 16196, Visit 1D, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 01-AUG-2021:21:25:37 AND 02-AUG-2021:21:25:37									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 1E - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

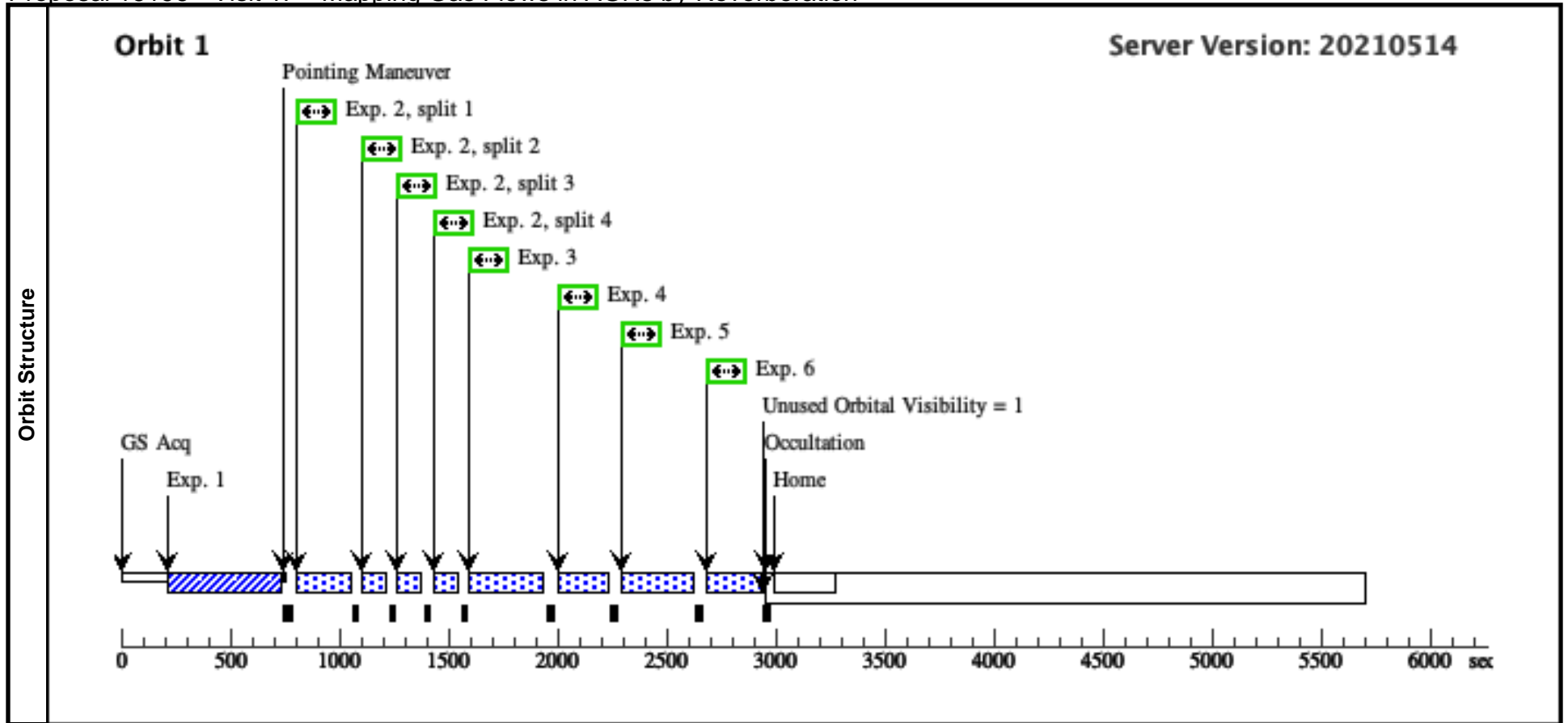
Visit	Proposal 16196, Visit 1E, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 03-AUG-2021:20:28:10 AND 04-AUG-2021:20:28:10																																																																																									
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																																	
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																																																																																	
<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>																																																																																										
2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																																	
3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																																																																																	
4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																																	
5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																																	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																																	



Proposal 16196 - Visit 1F - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

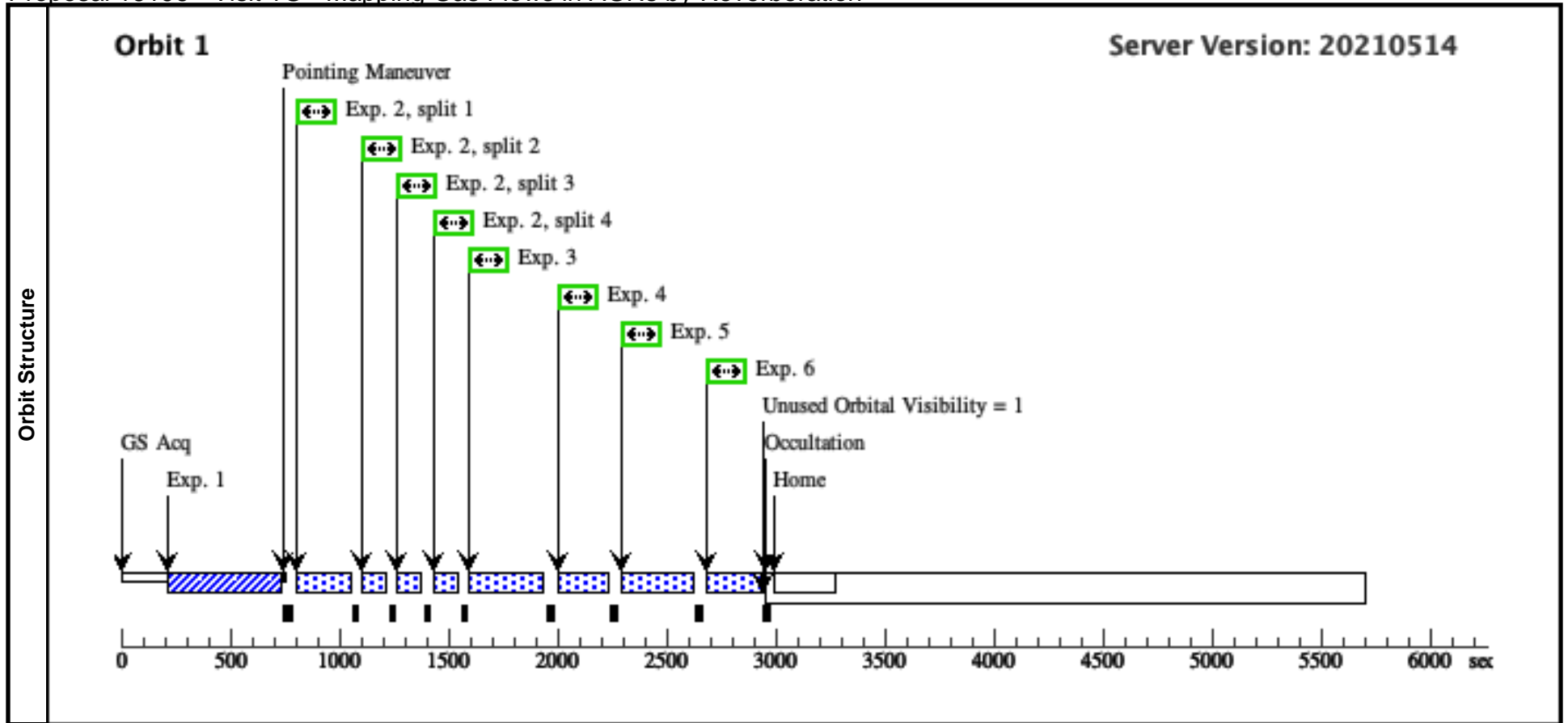
Visit		Proposal 16196, Visit 1F, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 05-AUG-2021:19:30:43 AND 06-AUG-2021:19:30:43									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 1G - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

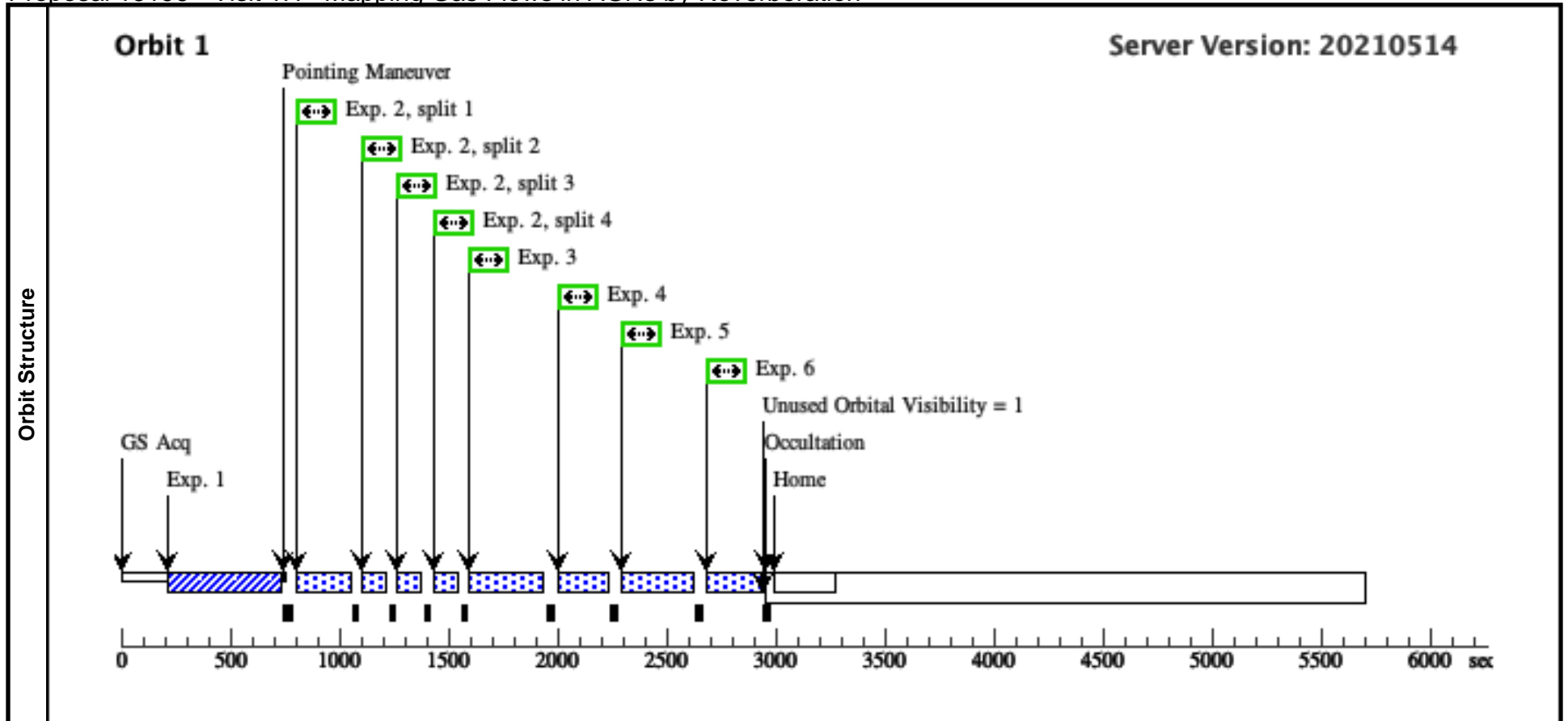
Visit		Proposal 16196, Visit 1G, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 07-AUG-2021:18:33:15 AND 08-AUG-2021:18:33:15								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 1H - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

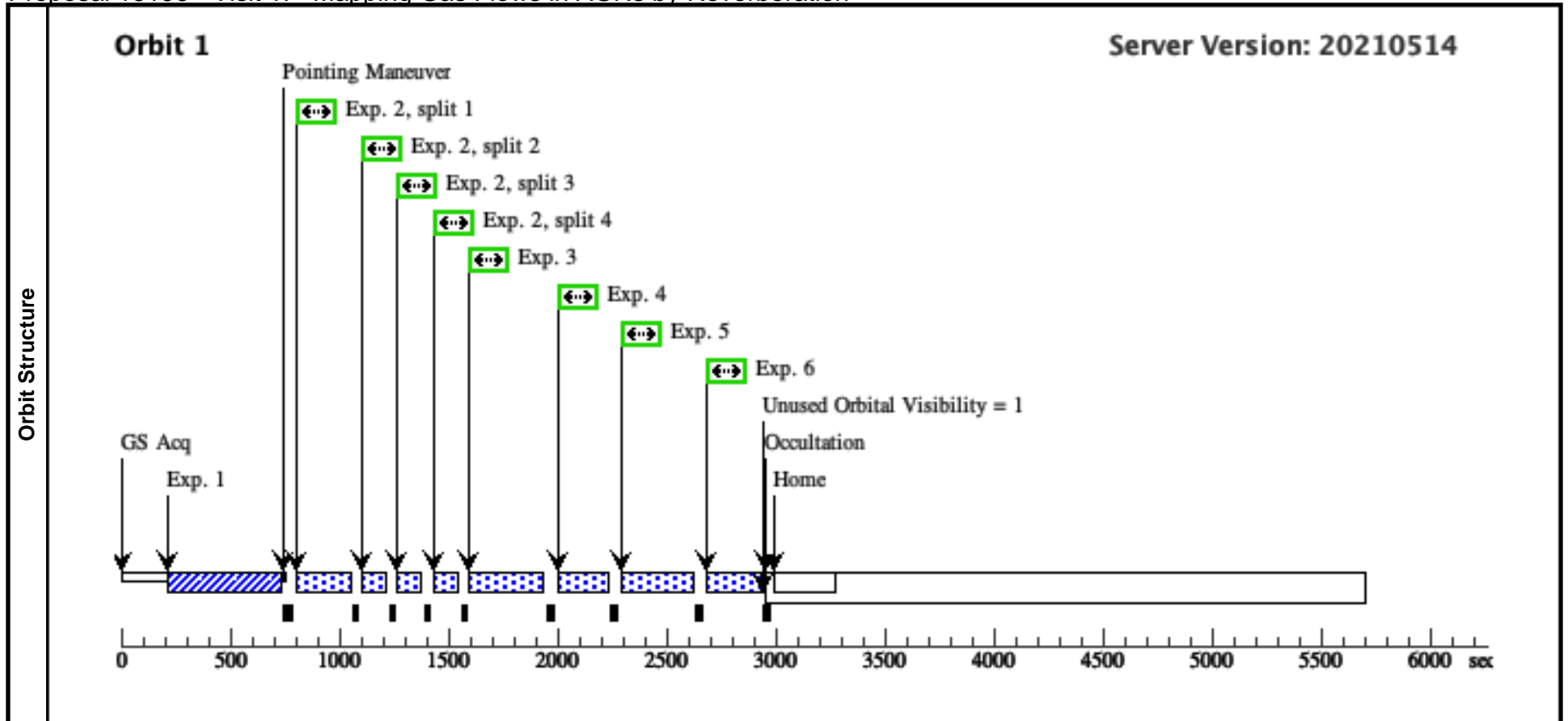
Visit		Proposal 16196, Visit 1H, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 09-AUG-2021:17:35:48 AND 10-AUG-2021:17:35:48								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 1I - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

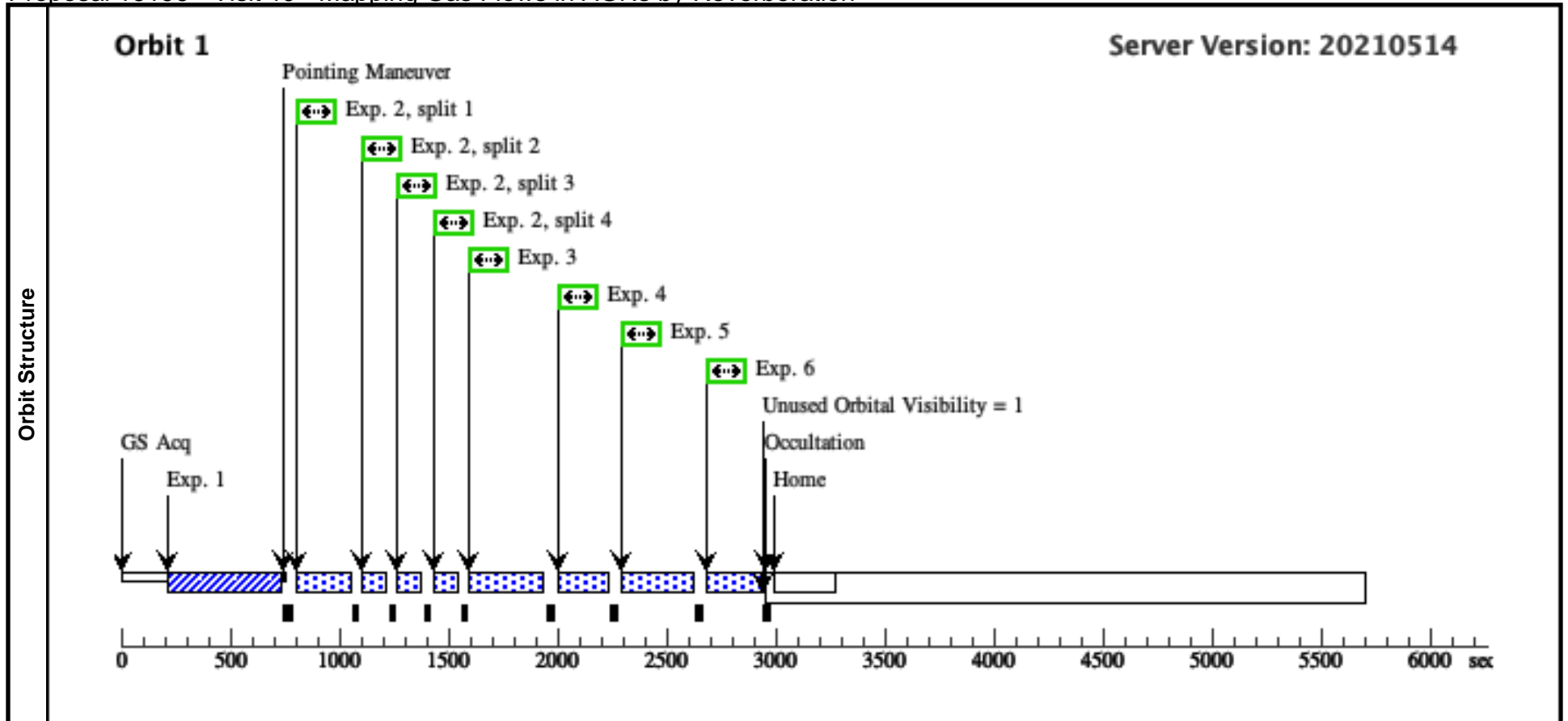
Visit	Proposal 16196, Visit 1I, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 11-AUG-2021:16:38:21 AND 12-AUG-2021:16:38:21									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 1J - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

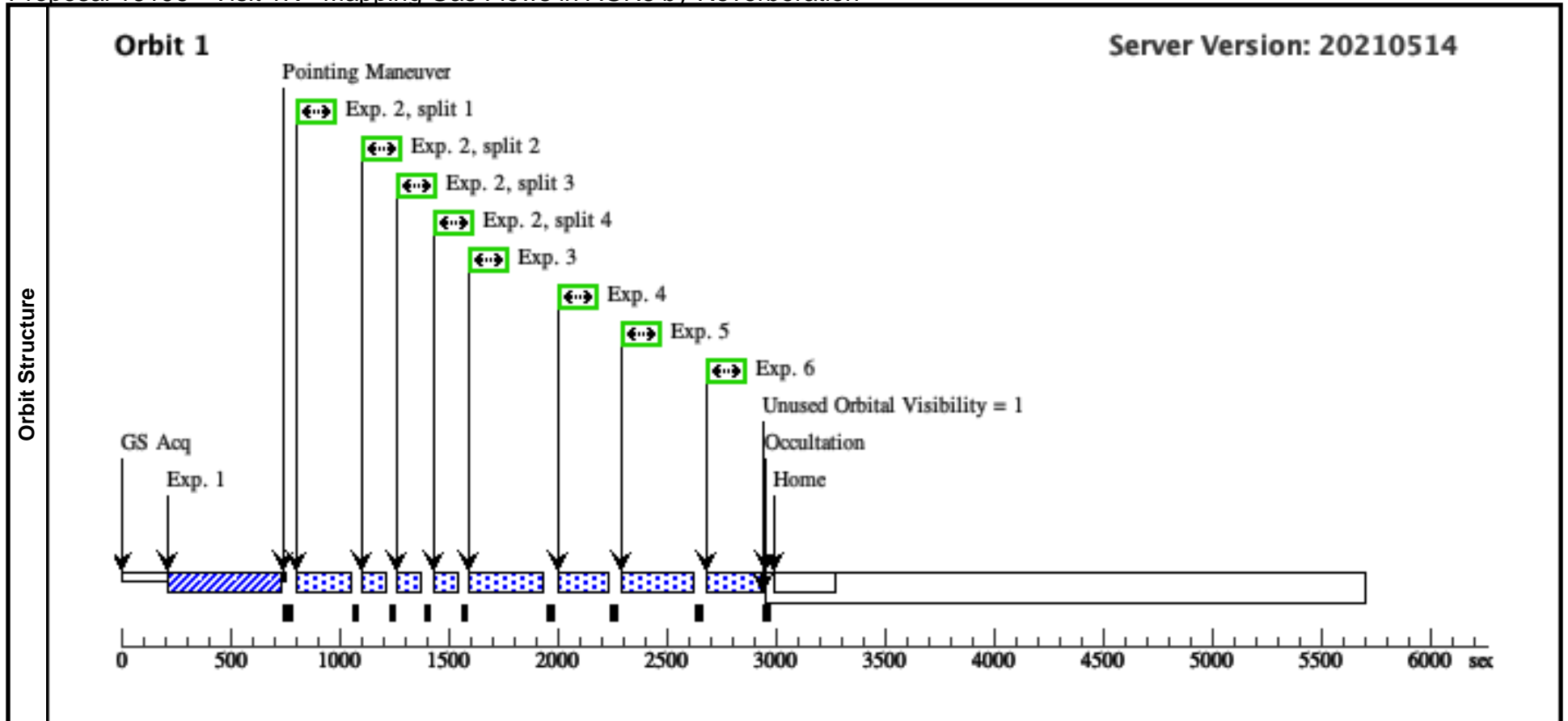
Visit	Proposal 16196, Visit 1J, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 13-AUG-2021:15:40:53 AND 14-AUG-2021:15:40:53																																																																																									
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 1K - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

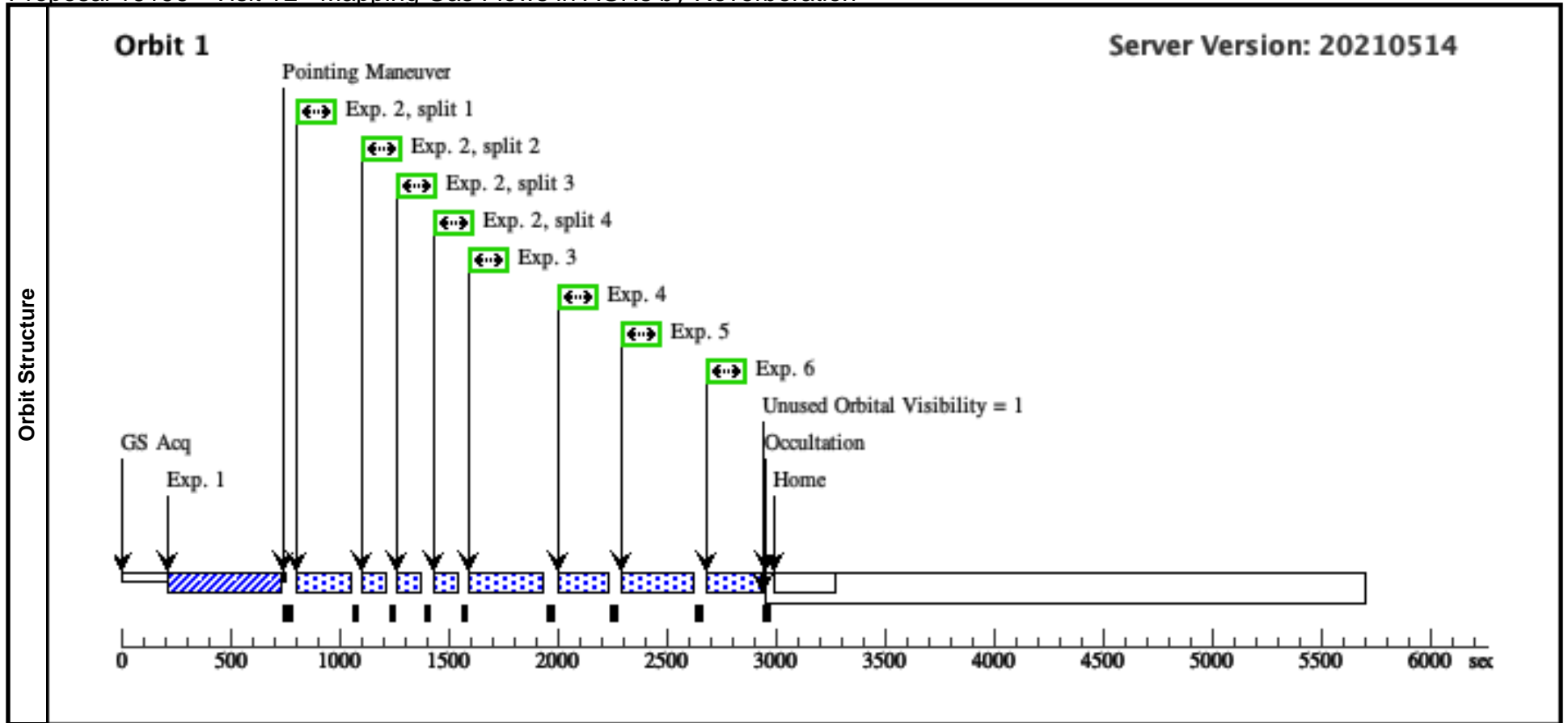
Visit	Proposal 16196, Visit 1K, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 15-AUG-2021:14:43:26 AND 16-AUG-2021:14:43:26																																																																																									
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																																	
3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																																																																																	
4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																																	
5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																																	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																																	



Proposal 16196 - Visit 1L - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

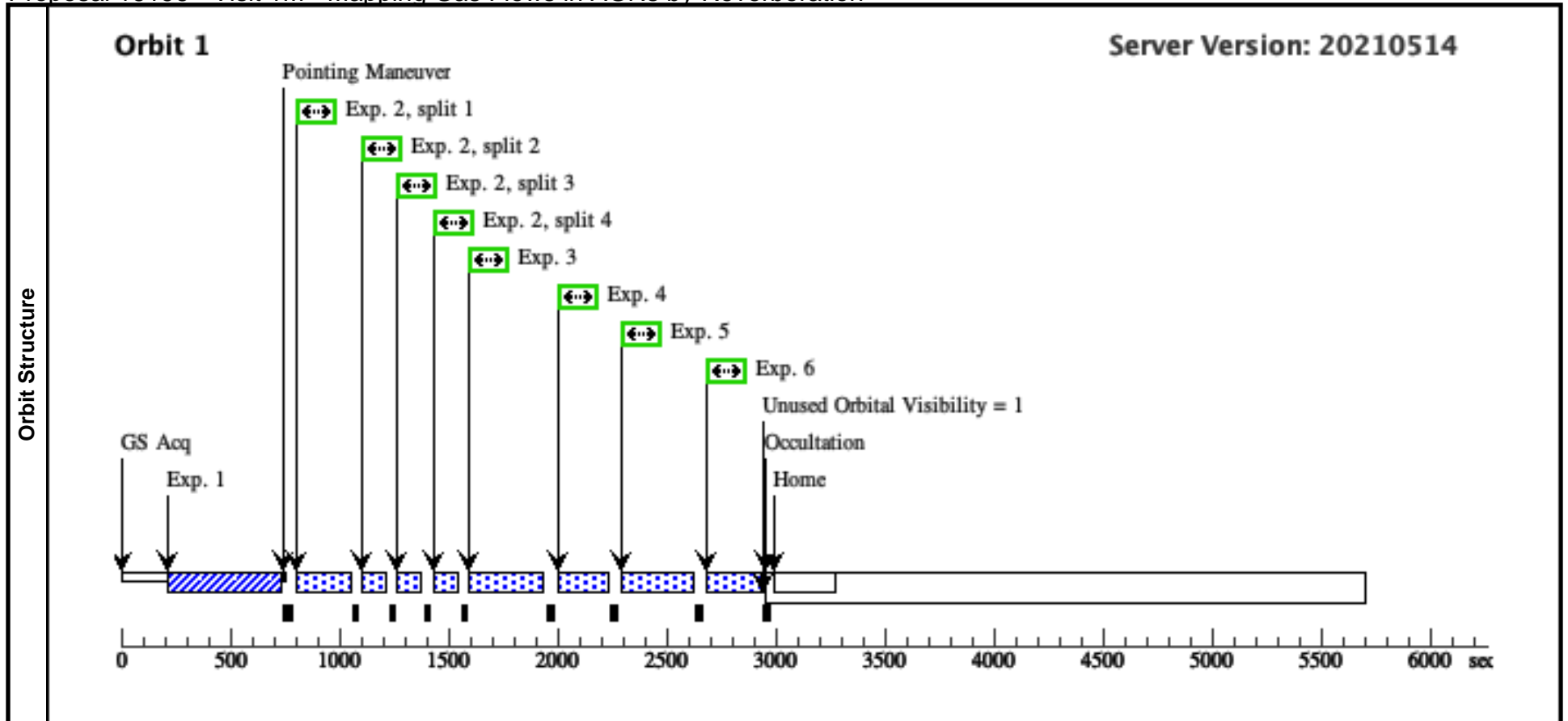
Visit		Proposal 16196, Visit 1L, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 17-AUG-2021:13:45:59 AND 18-AUG-2021:13:45:59									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 1M - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

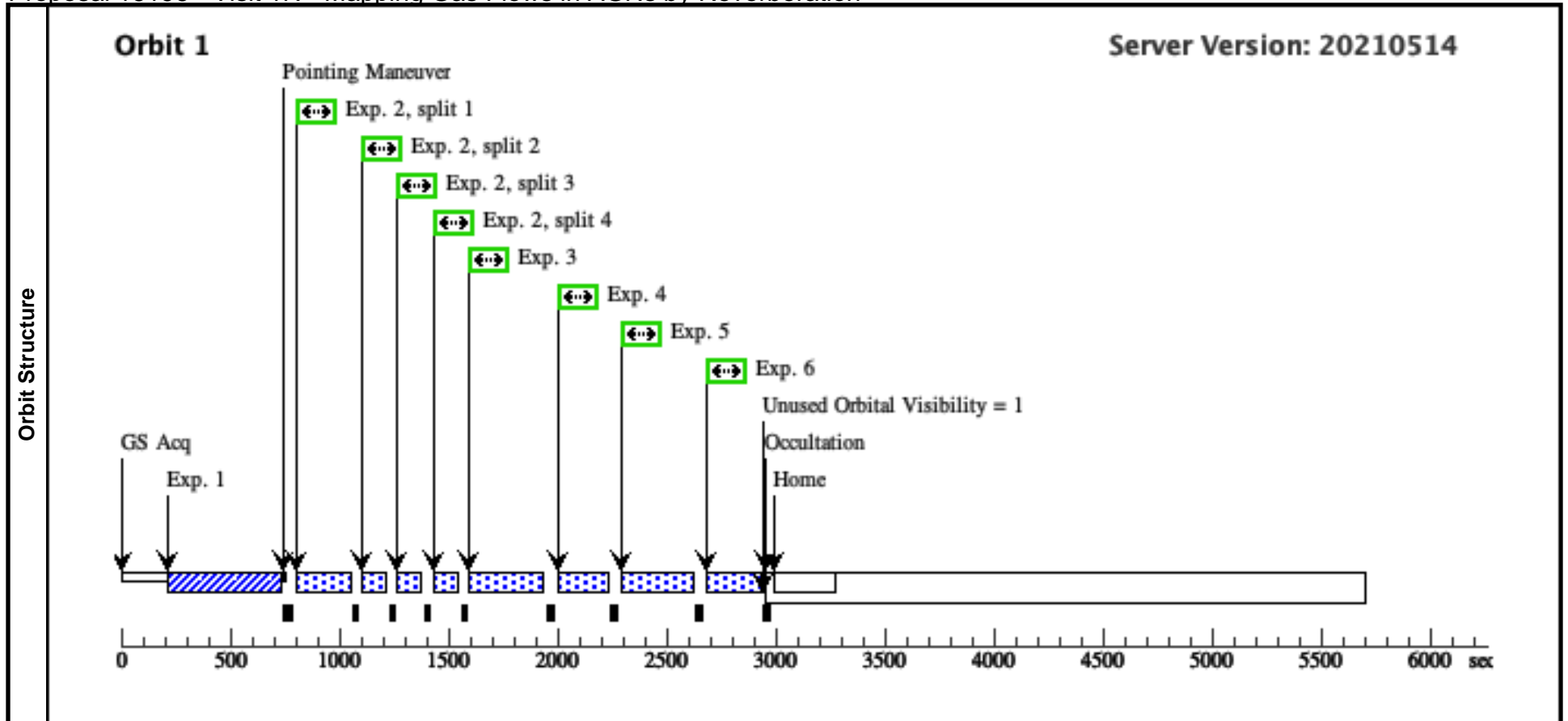
Visit	Proposal 16196, Visit 1M, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 19-AUG-2021:12:48:31 AND 20-AUG-2021:12:48:31																																																																																									
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																																	
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																																																																																	
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2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																																	
3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																																																																																	
4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																																	
5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																																	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																																	



Proposal 16196 - Visit 1N - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

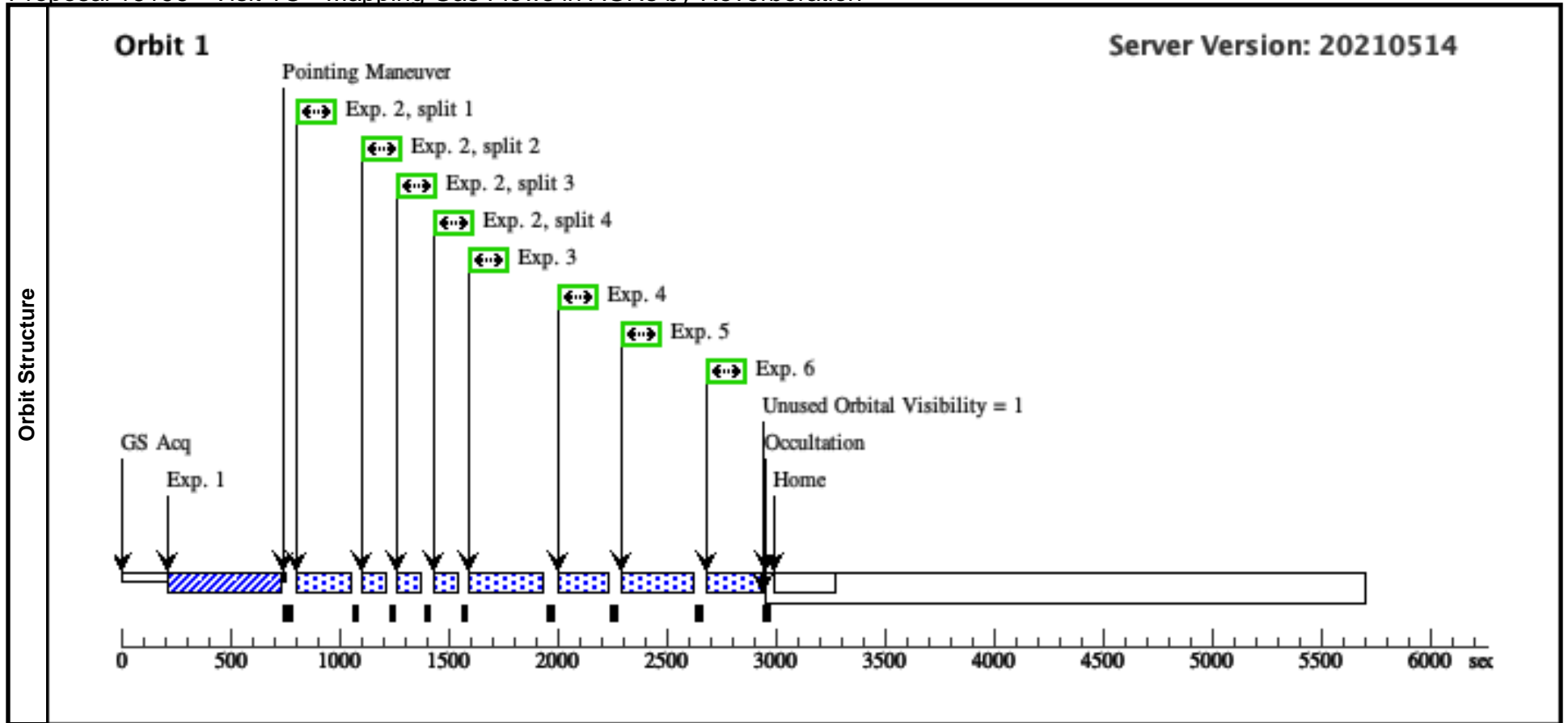
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 1O - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

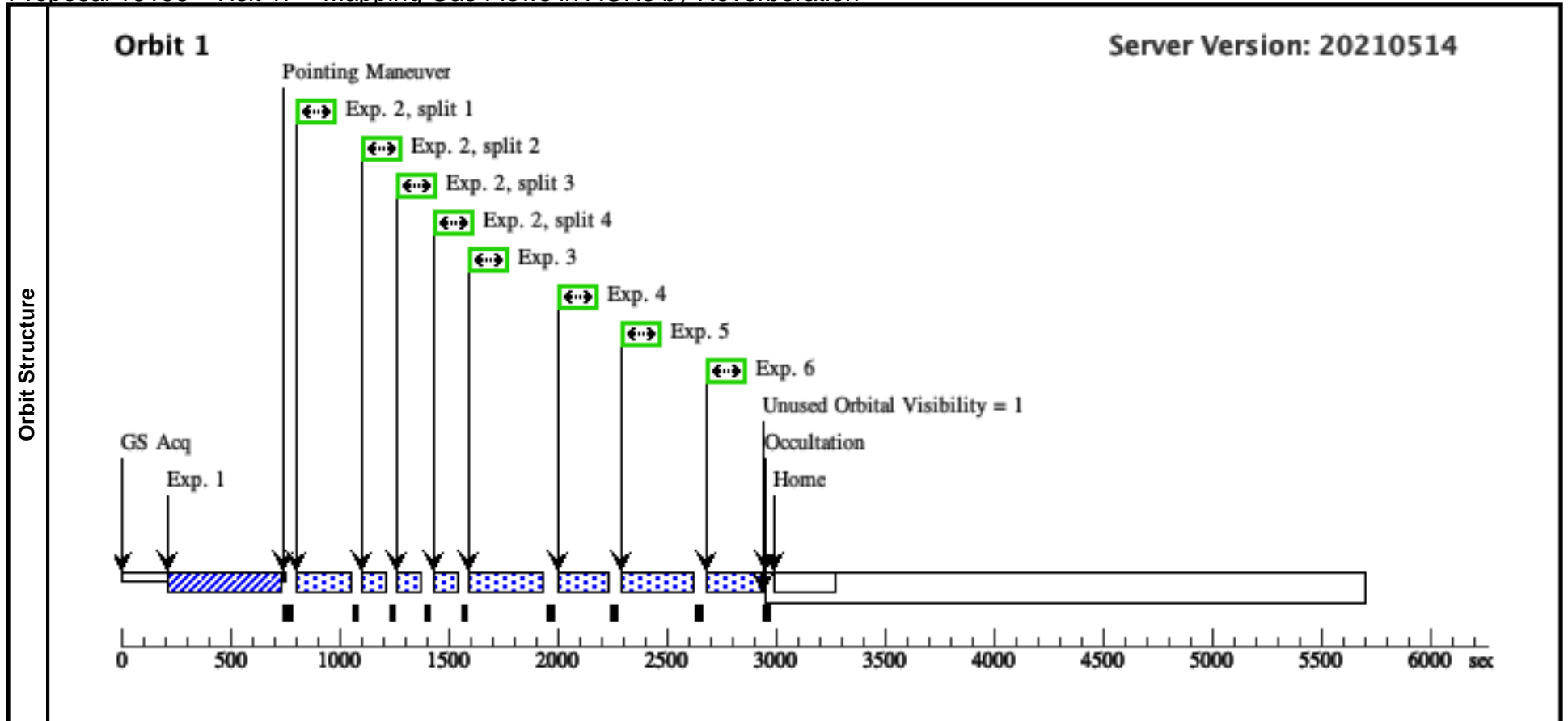
Visit		Proposal 16196, Visit 1O, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 23-AUG-2021:10:53:36 AND 24-AUG-2021:10:53:36								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 1P - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

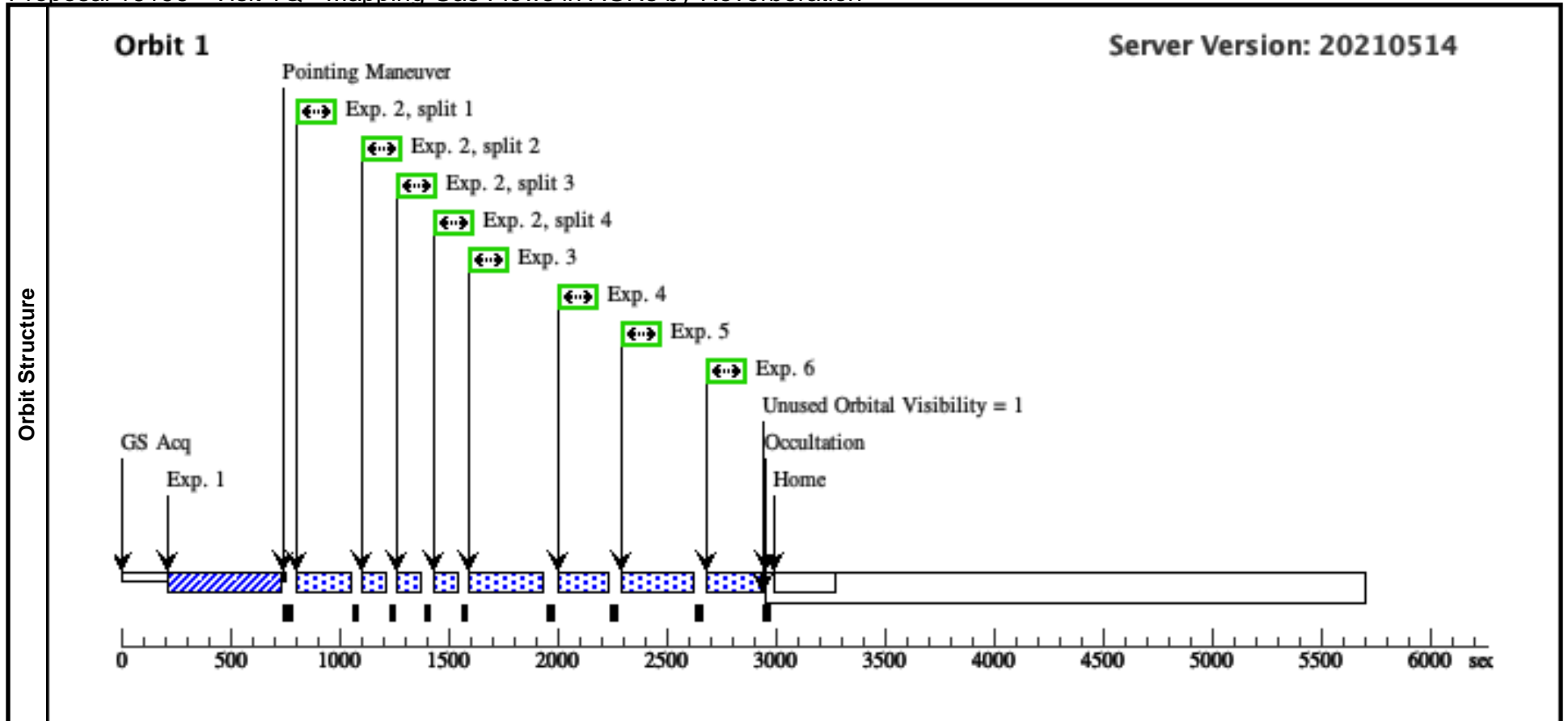
Visit		Proposal 16196, Visit 1P, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 25-AUG-2021:09:56:09 AND 26-AUG-2021:09:56:09									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 1Q - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

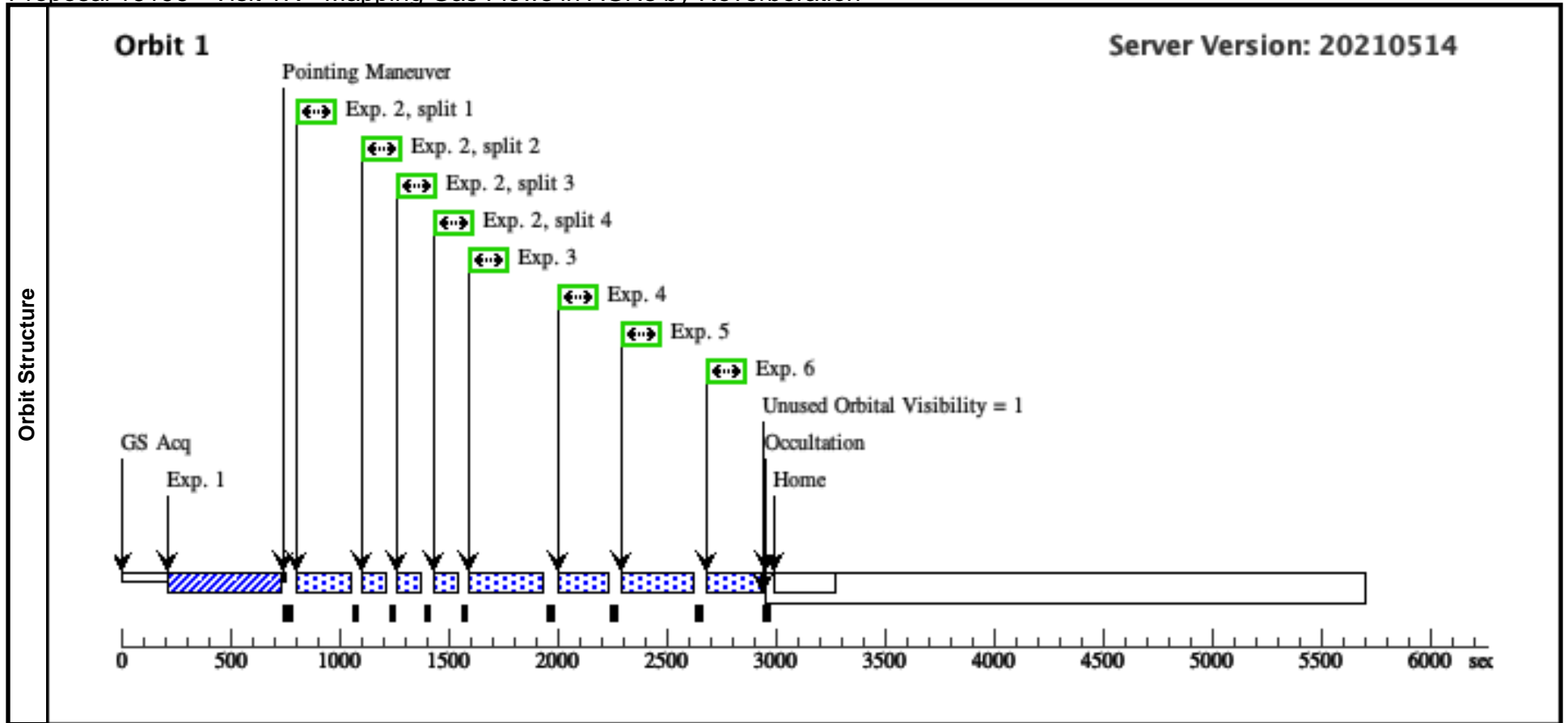
Visit		Proposal 16196, Visit 1Q, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 27-AUG-2021:08:58:42 AND 28-AUG-2021:08:58:42									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 1R - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

Visit		Proposal 16196, Visit 1R, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 29-AUG-2021:08:01:14 AND 30-AUG-2021:08:01:14									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



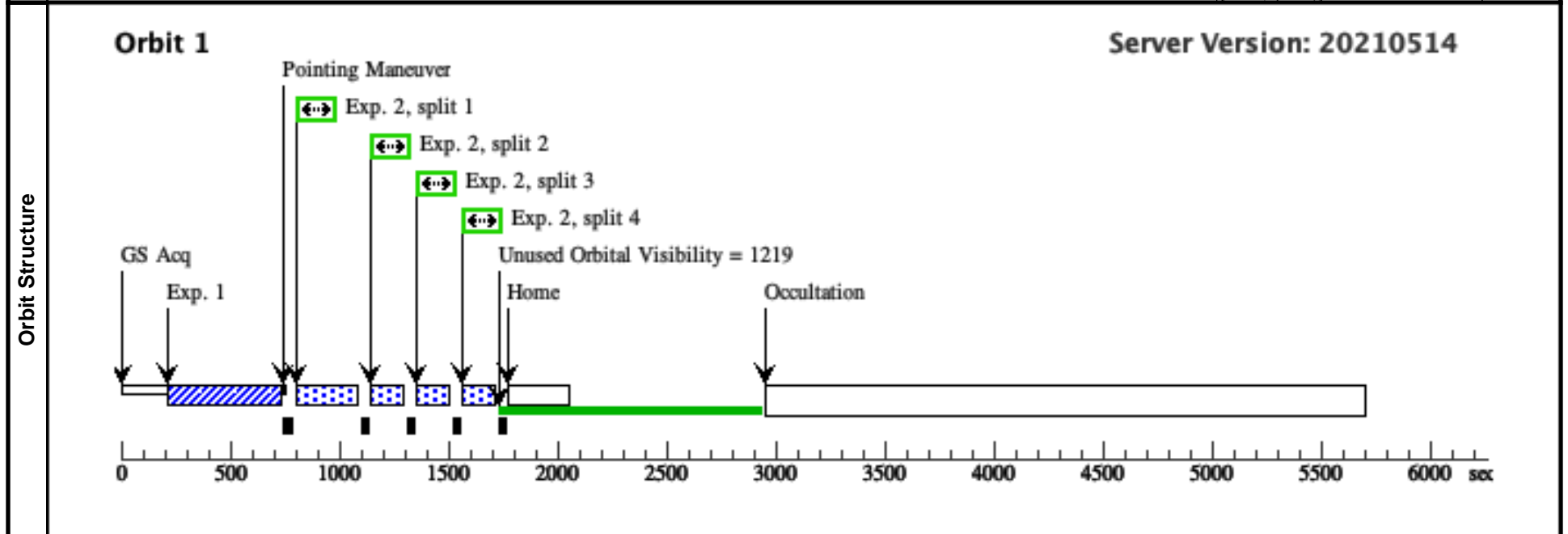
Proposal 16196 - GAP SHORT G130M (1S) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

Visit	Proposal 16196, GAP SHORT G130M (1S), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 02-SEP-2021:06:06:20 AND 03-SEP-2021:06:06:20; GROUP 1S,1T WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			95. Secs (380 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



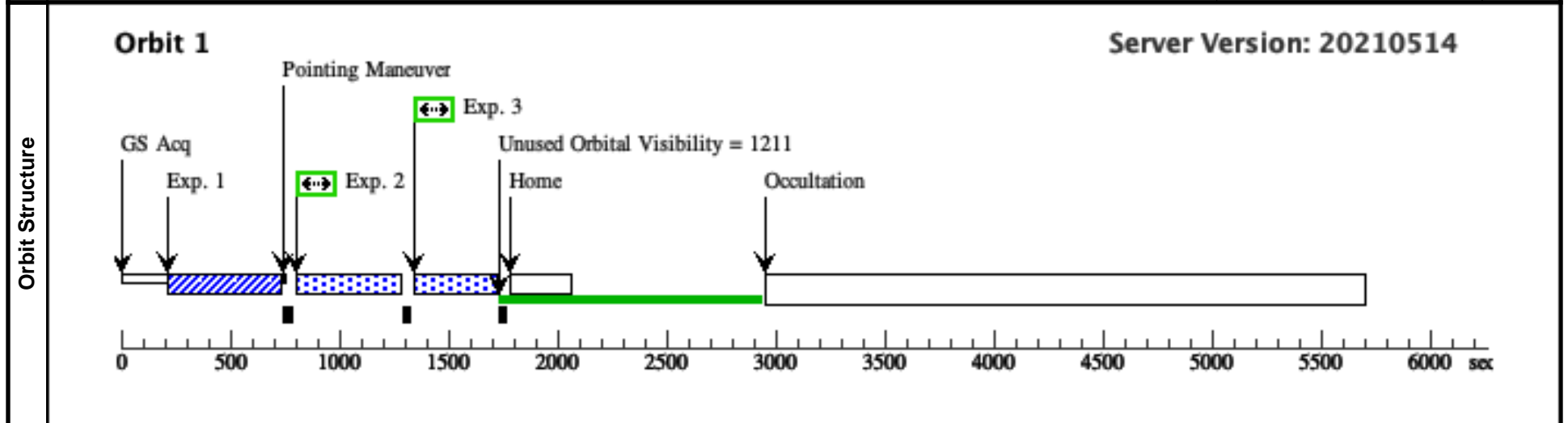
Proposal 16196 - GAP SHORT G160M (1T) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

Visit	Proposal 16196, GAP SHORT G160M (1T), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 02-SEP-2021:06:06:20 AND 03-SEP-2021:06:06:20; GROUP 1T.IS WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=3			250. Secs (250 Secs) [==>]	[1]
	3	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00.; FP-POS=3			250. Secs (250 Secs) [==>]	[1]



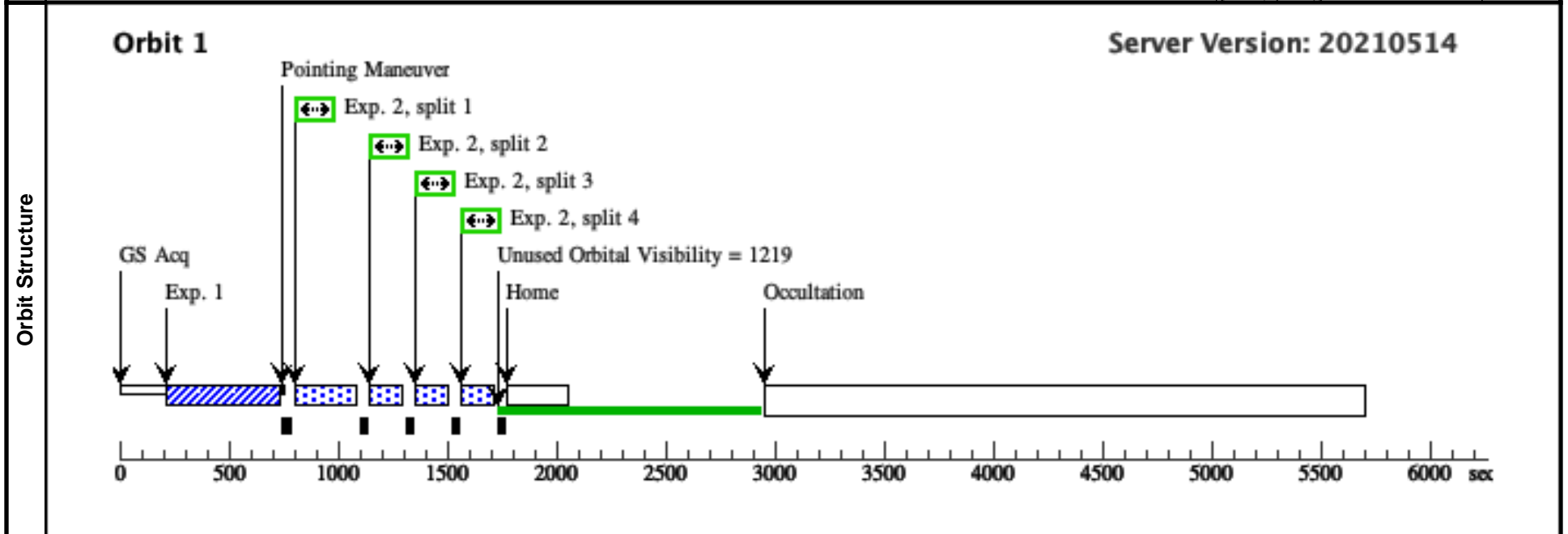
Proposal 16196 - GAP SHORT G130M (1U) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

Visit	Proposal 16196, GAP SHORT G130M (1U), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 06-SEP-2021:04:11:25 AND 07-SEP-2021:04:11:25; GROUP 1U,1V WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>					
	Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			95. Secs (380 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]



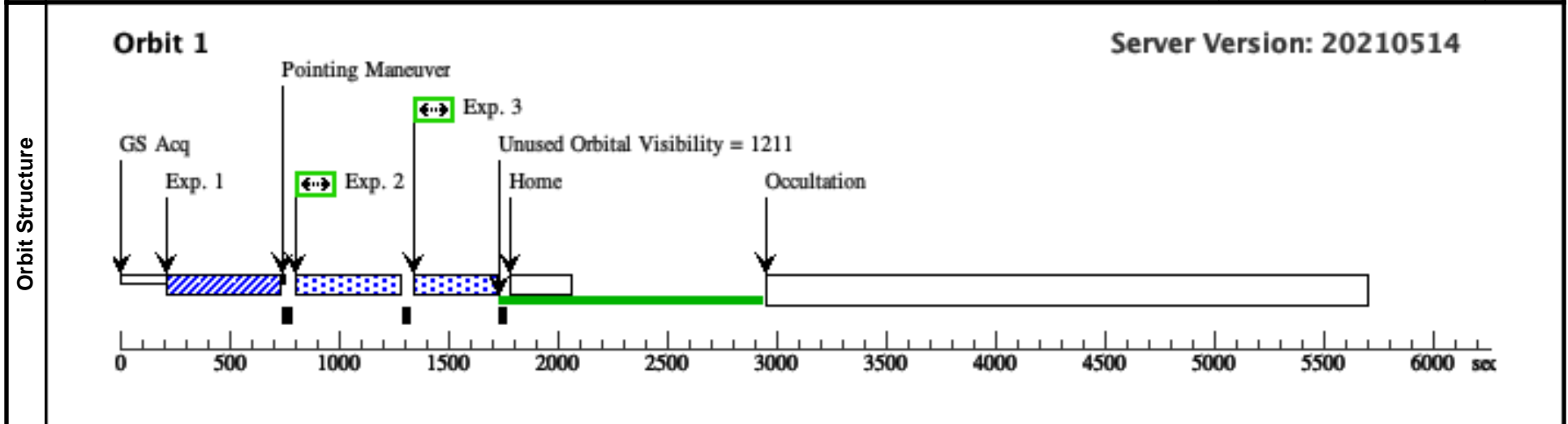
Proposal 16196 - GAP SHORT G160M (1V) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

Visit	Proposal 16196, GAP SHORT G160M (1V), completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: SCHED 100%; BETWEEN 06-SEP-2021:04:11:25 AND 07-SEP-2021:04:11:25; GROUP 1V,1U WITHIN 2 Orbits				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

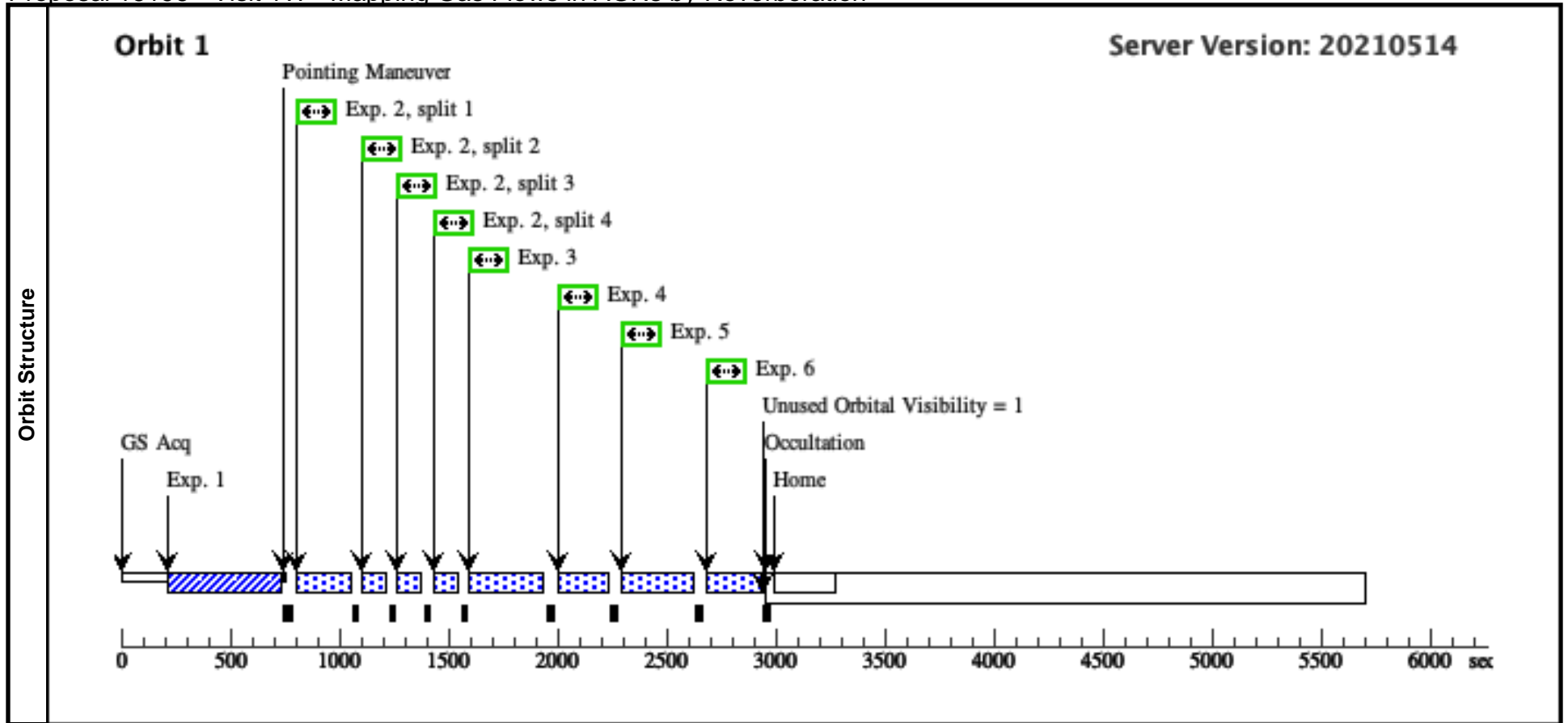
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.										
	2	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=3			250. Secs (250 Secs) [==>]	[1]	
	3	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00.; FP-POS=3			250. Secs (250 Secs) [==>]	[1]	



Proposal 16196 - Visit 1W - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

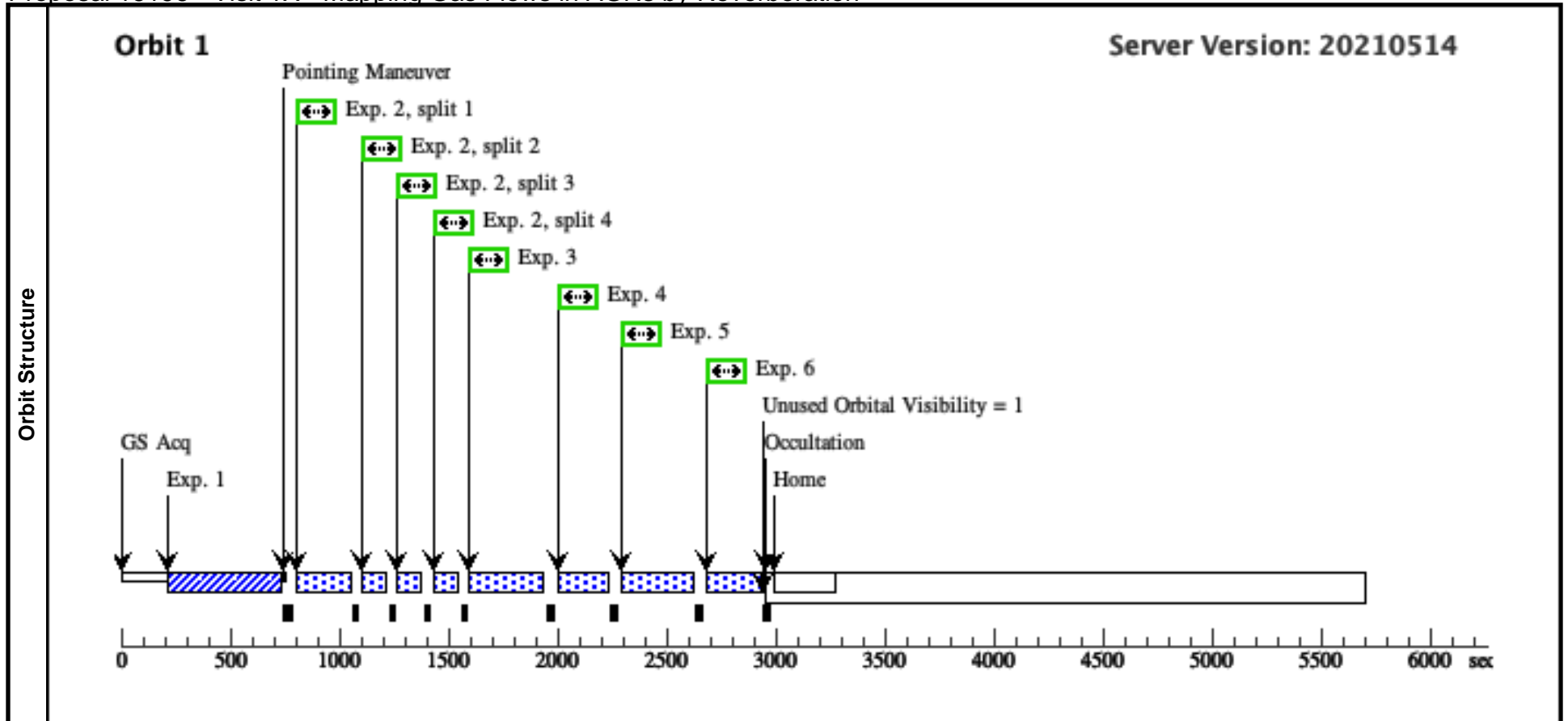
Visit	Proposal 16196, Visit 1W, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 08-SEP-2021:03:13:58 AND 09-SEP-2021:03:13:58									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 1X - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

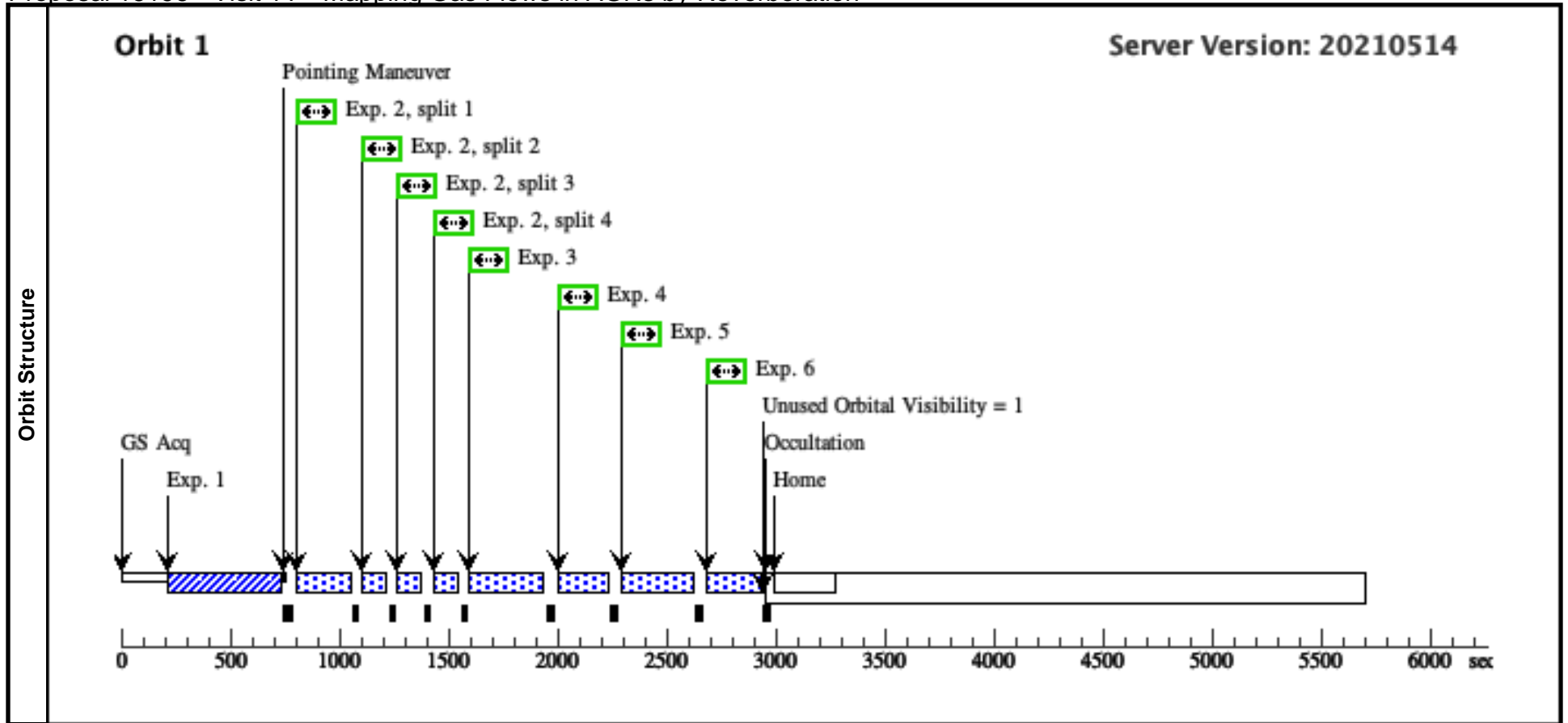
Visit	Proposal 16196, Visit 1X, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 10-SEP-2021:02:16:30 AND 11-SEP-2021:02:16:30									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 1Y - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

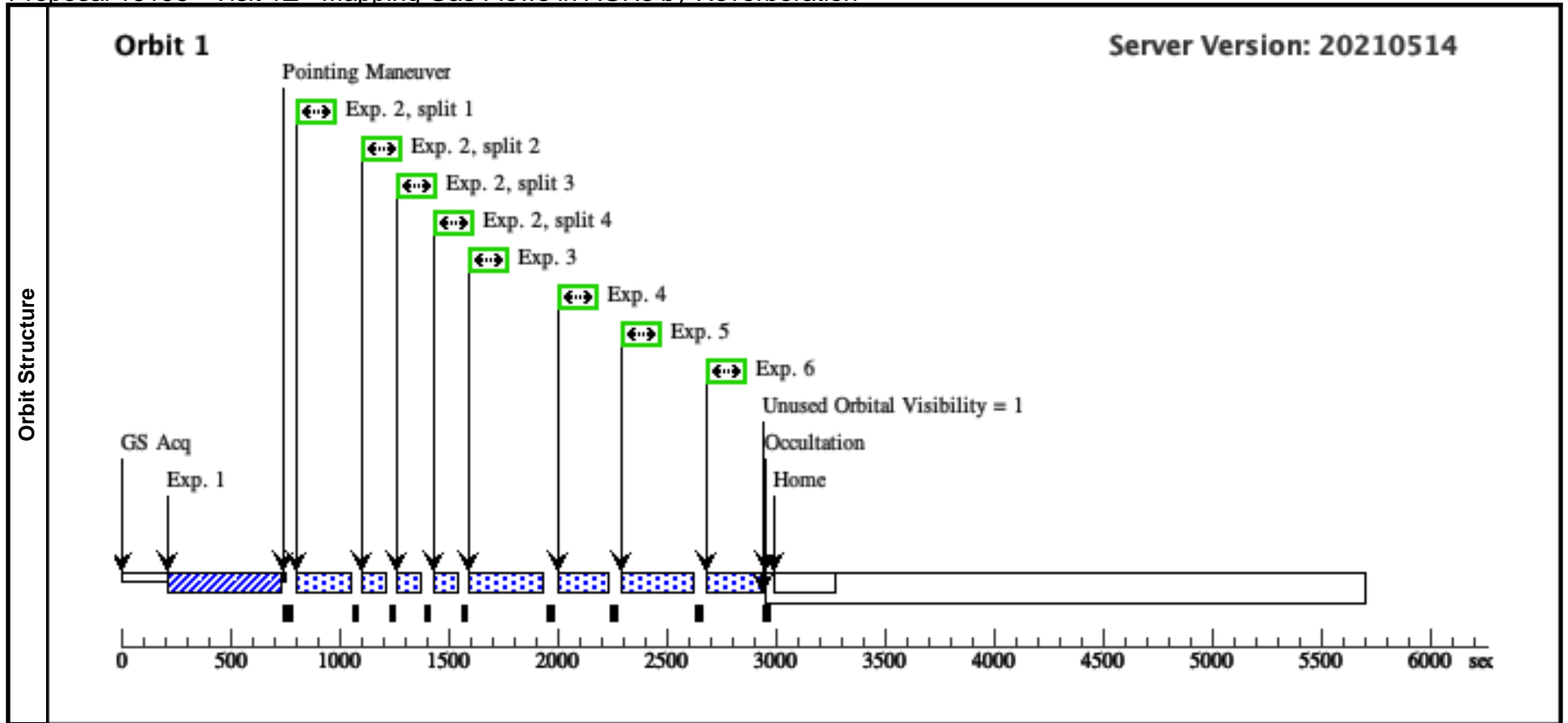
Visit	Proposal 16196, Visit 1Y, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 12-SEP-2021:01:19:03 AND 13-SEP-2021:01:19:03																																																																																									
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 1Z - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

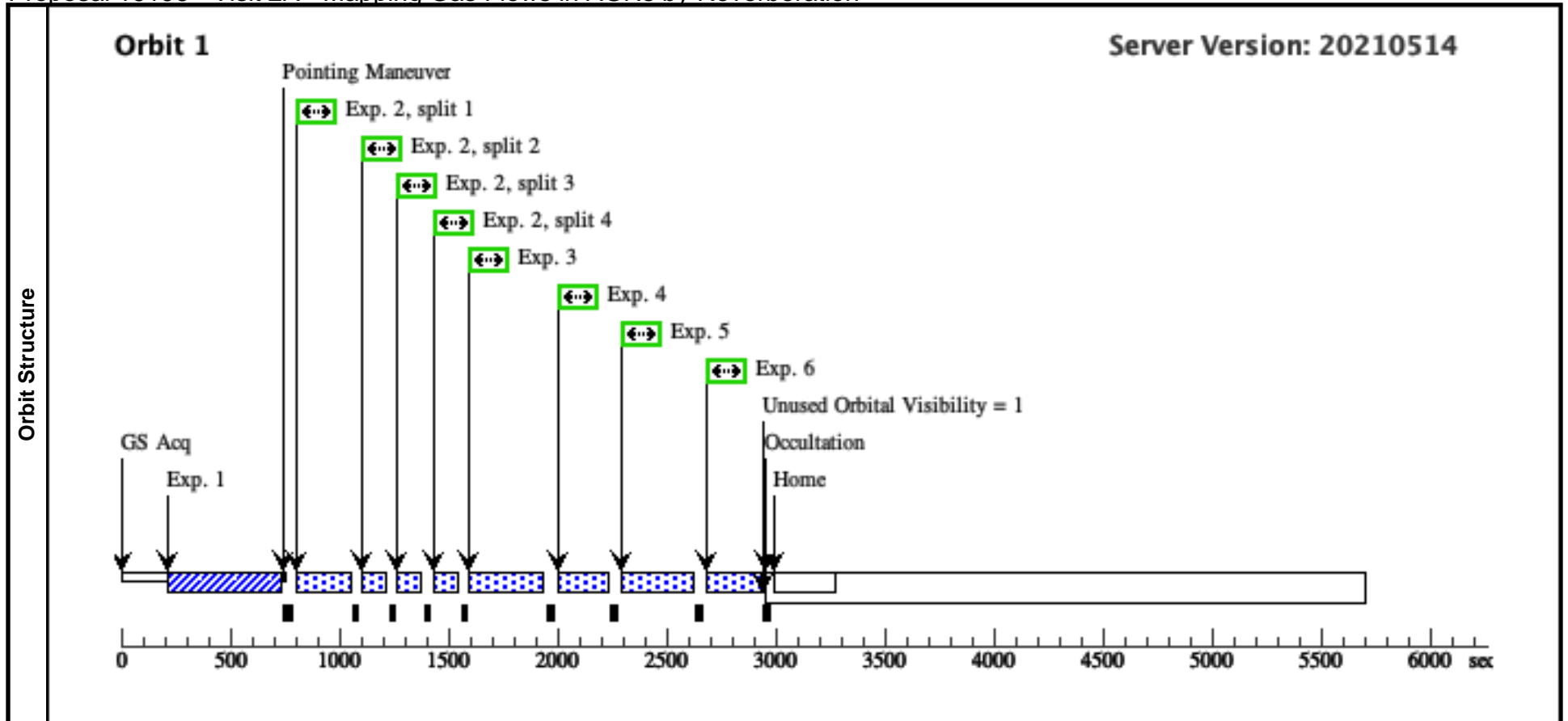
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
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	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 2A - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

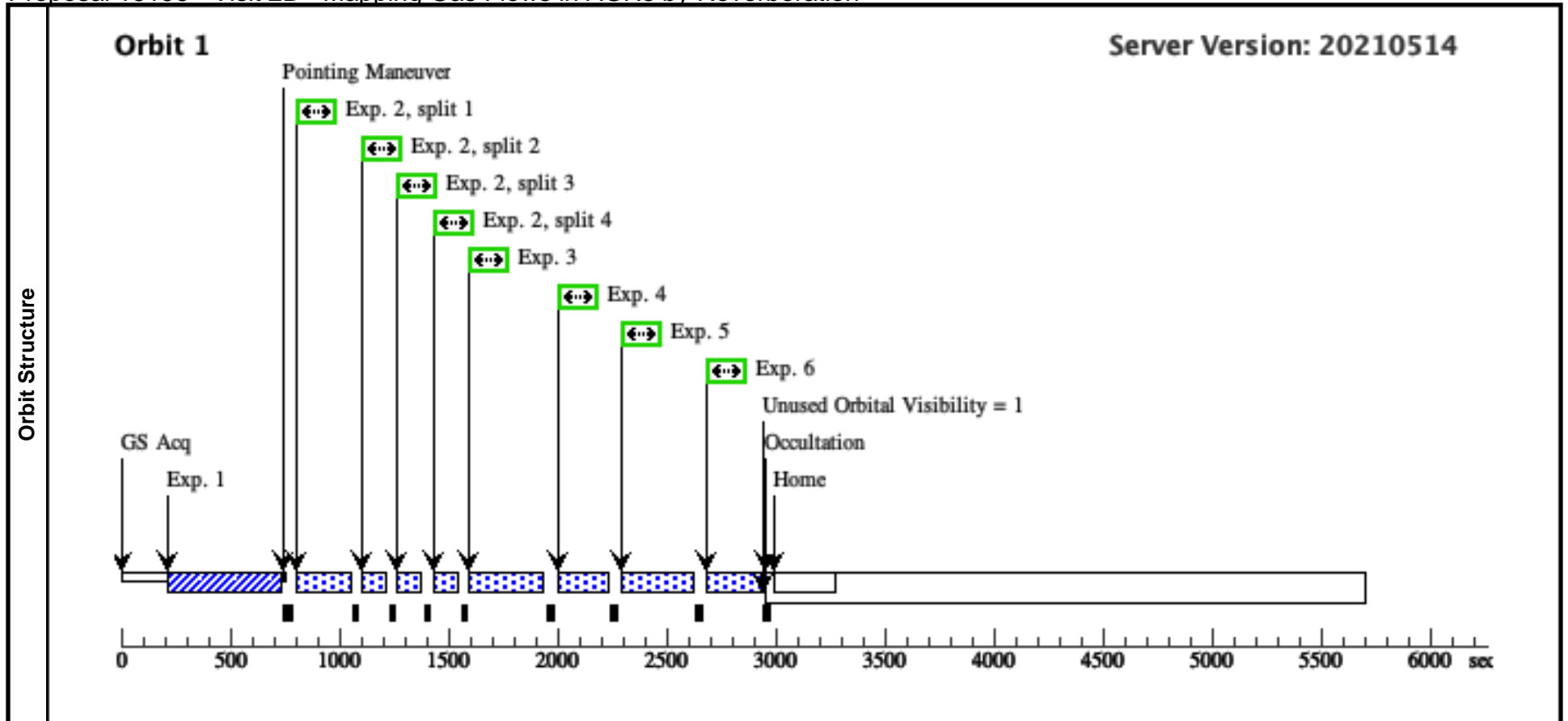
Visit	Proposal 16196, Visit 2A, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 15-SEP-2021:23:24:08 AND 16-SEP-2021:23:24:08																																																																																
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Proposal 16196 - Visit 2B - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

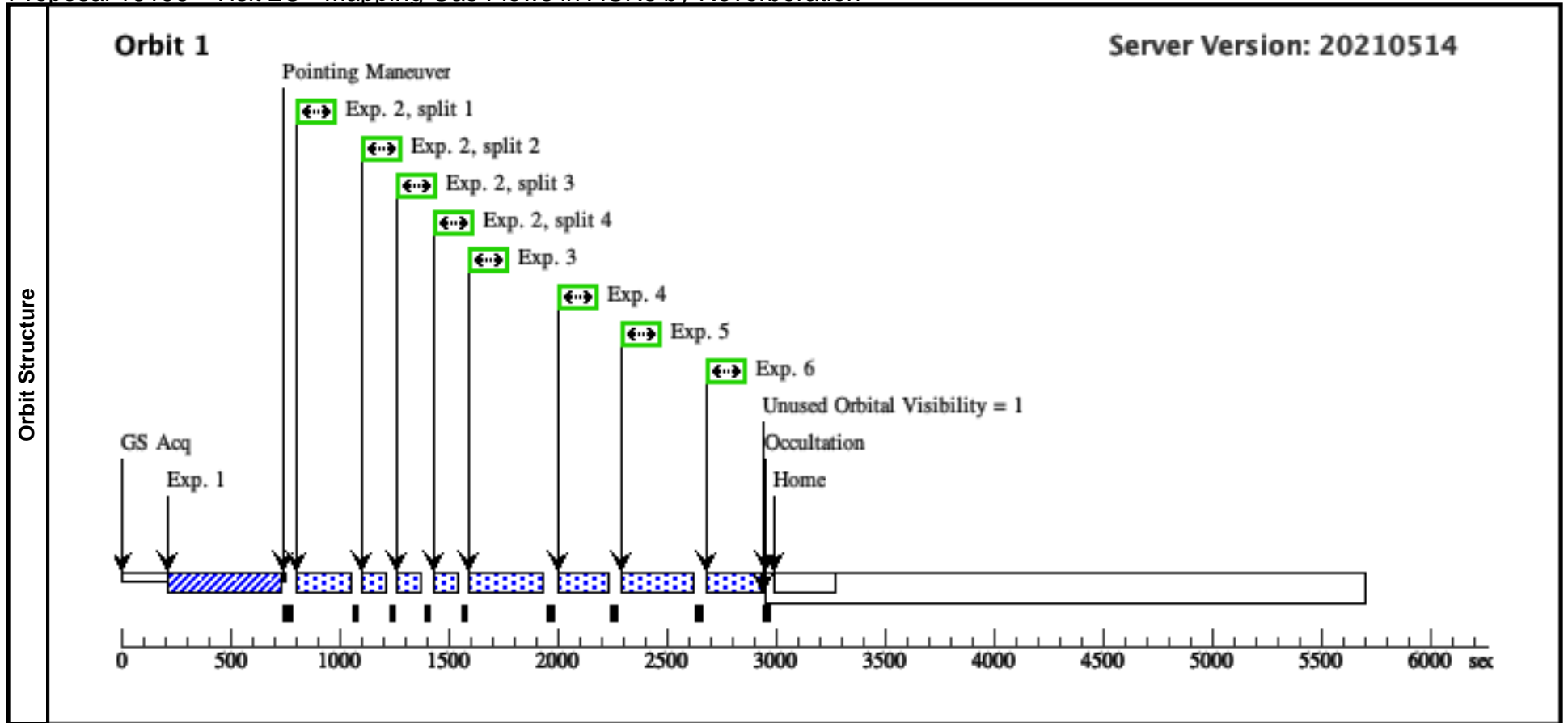
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	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
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Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 2C - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

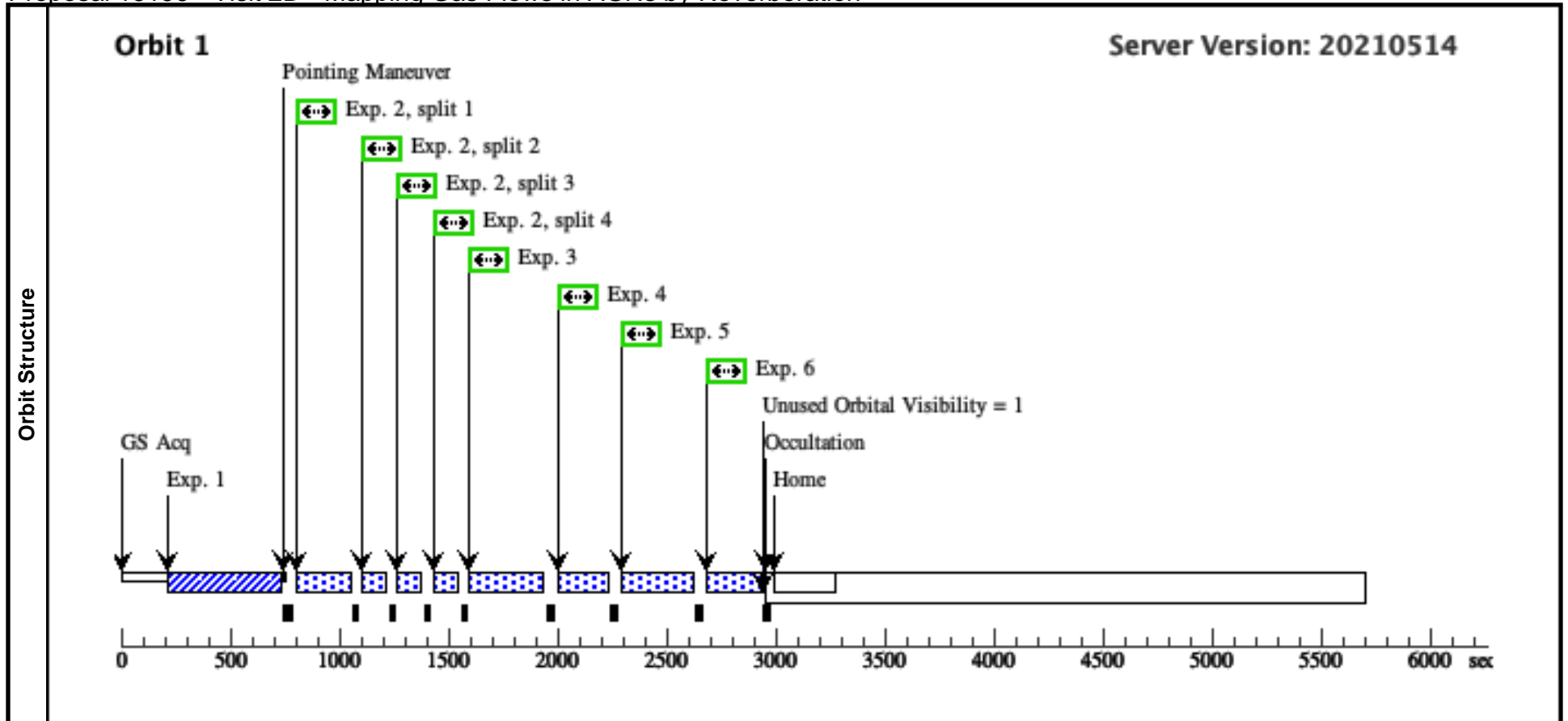
Visit	Proposal 16196, Visit 2C, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 19-SEP-2021:21:29:13 AND 20-SEP-2021:21:29:13																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - Visit 2D - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

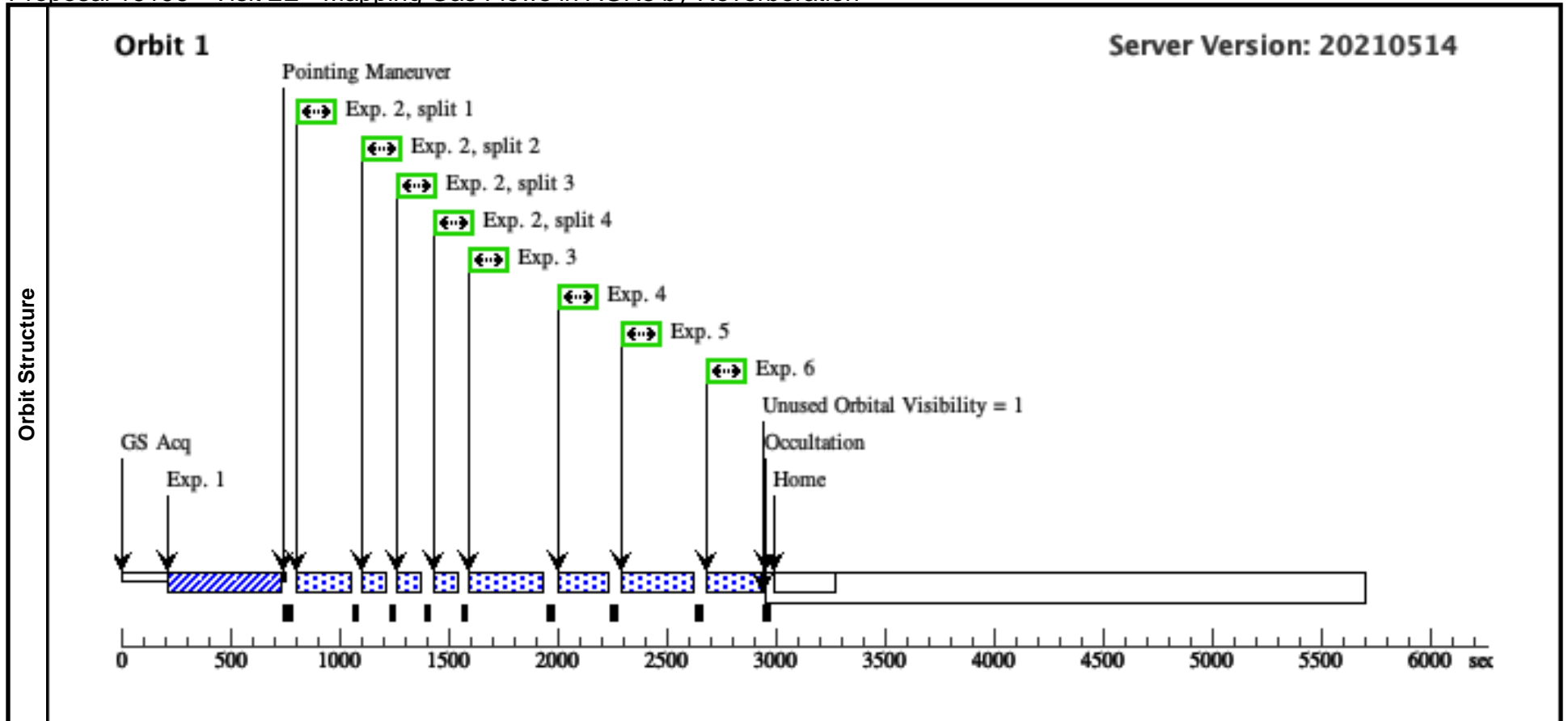
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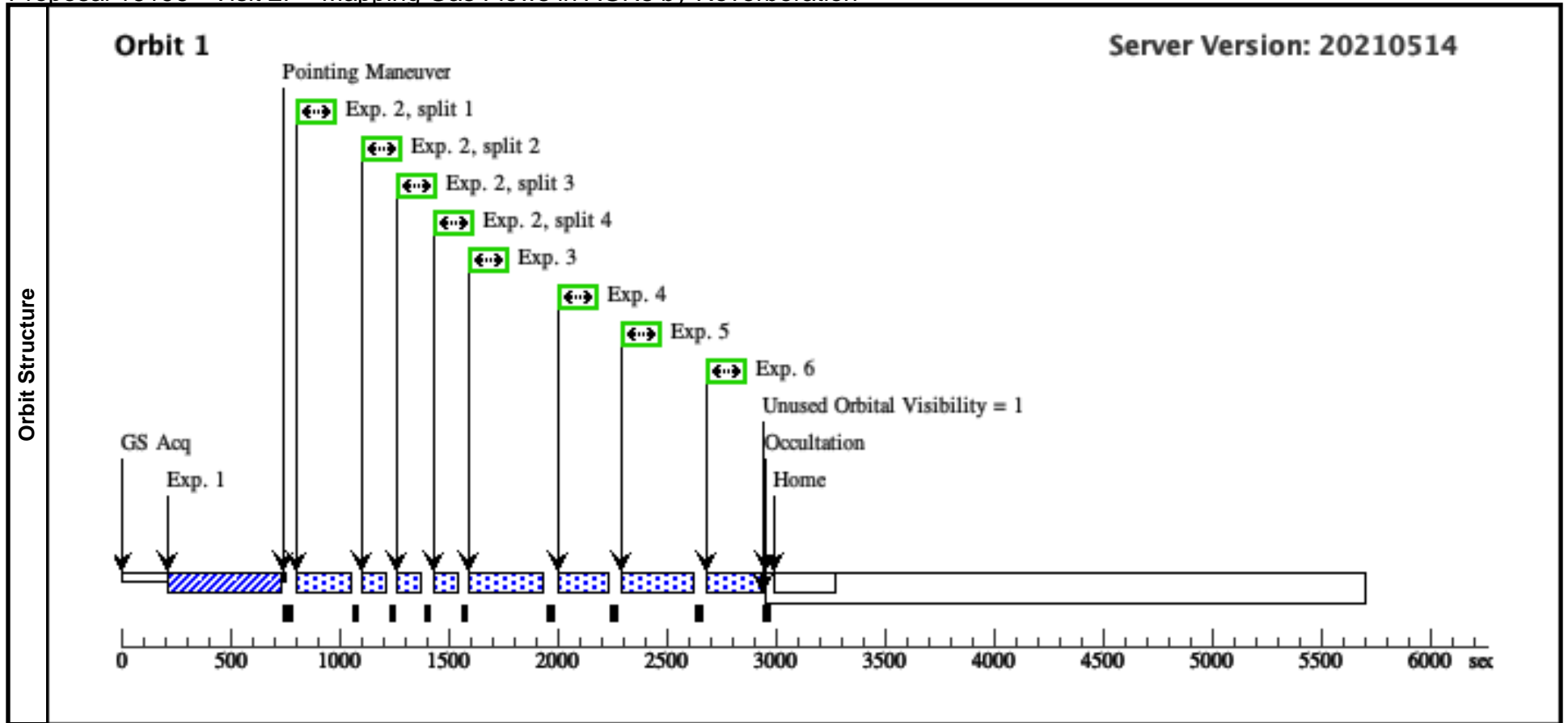
Visit	Proposal 16196, Visit 2E, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 23-SEP-2021:19:34:19 AND 24-SEP-2021:19:34:19																																																																																
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6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																								



Proposal 16196 - Visit 2F - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

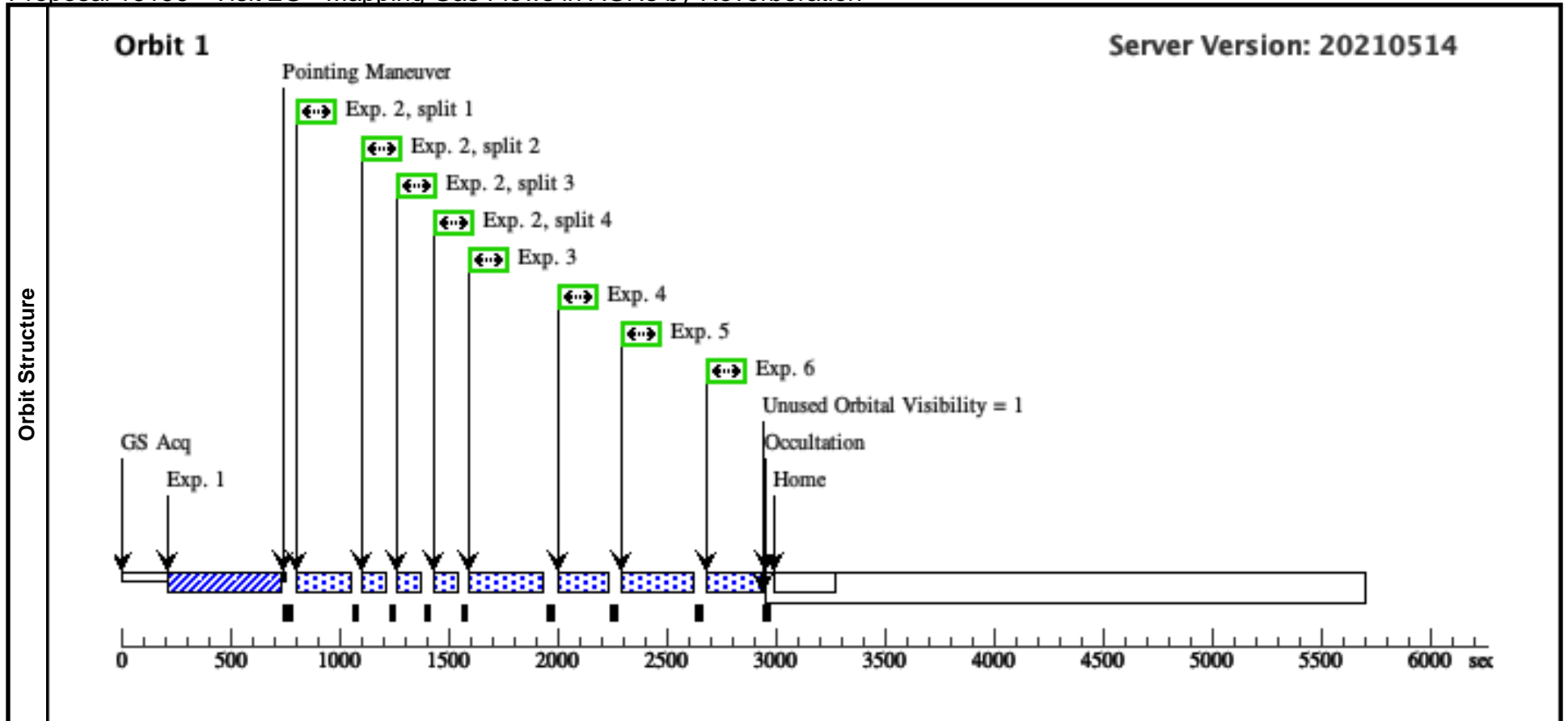
Visit	Proposal 16196, Visit 2F, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 25-SEP-2021:18:36:51 AND 26-SEP-2021:18:36:51																																																																																									
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="10"><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																																	
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2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																																	
3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																																																																																	
4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																																	
5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																																	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																																	



Proposal 16196 - Visit 2G - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

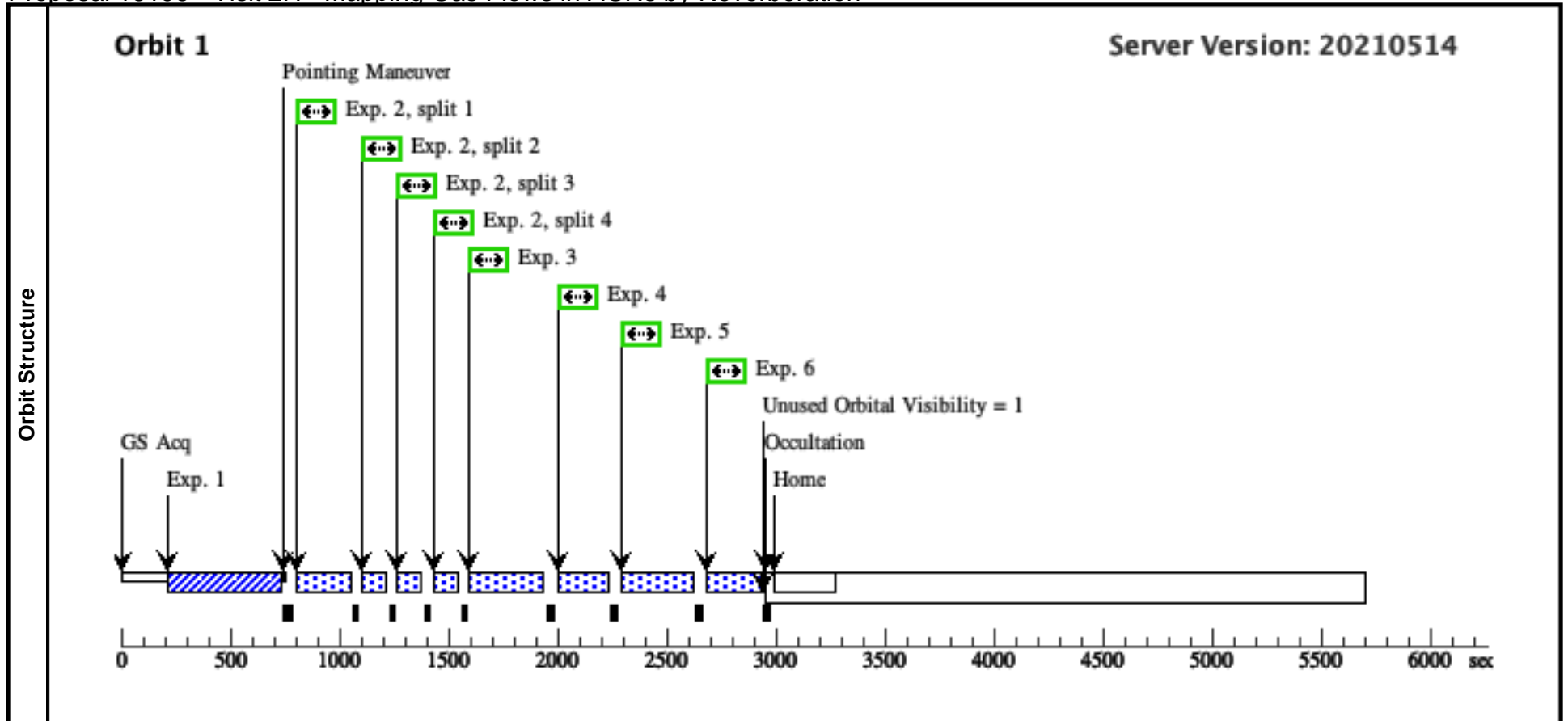
Visit	Proposal 16196, Visit 2G, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 27-SEP-2021:17:39:24 AND 28-SEP-2021:17:39:24									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 2H - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:49 GMT 2022

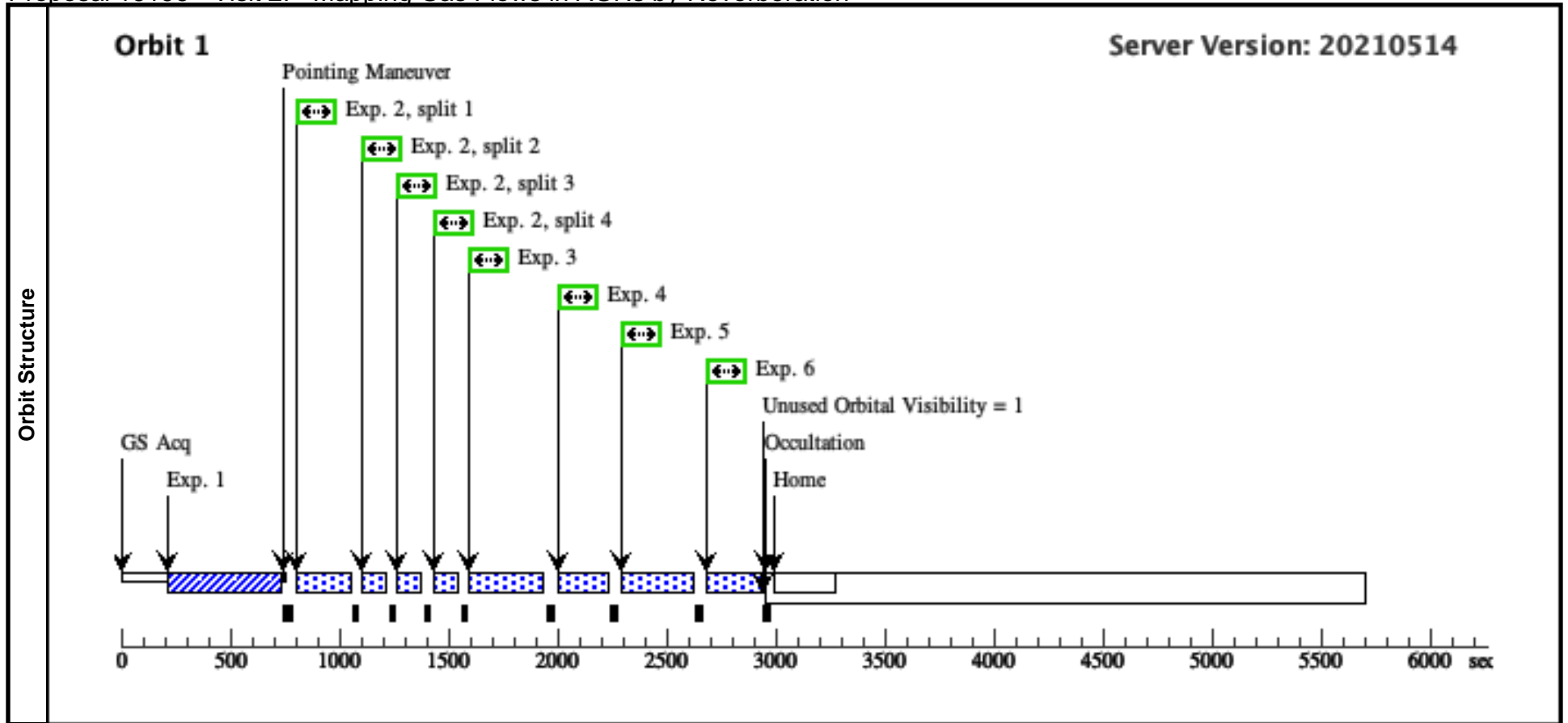
Visit		Proposal 16196, Visit 2H, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 29-SEP-2021:16:41:57 AND 30-SEP-2021:16:41:57									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 2I - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

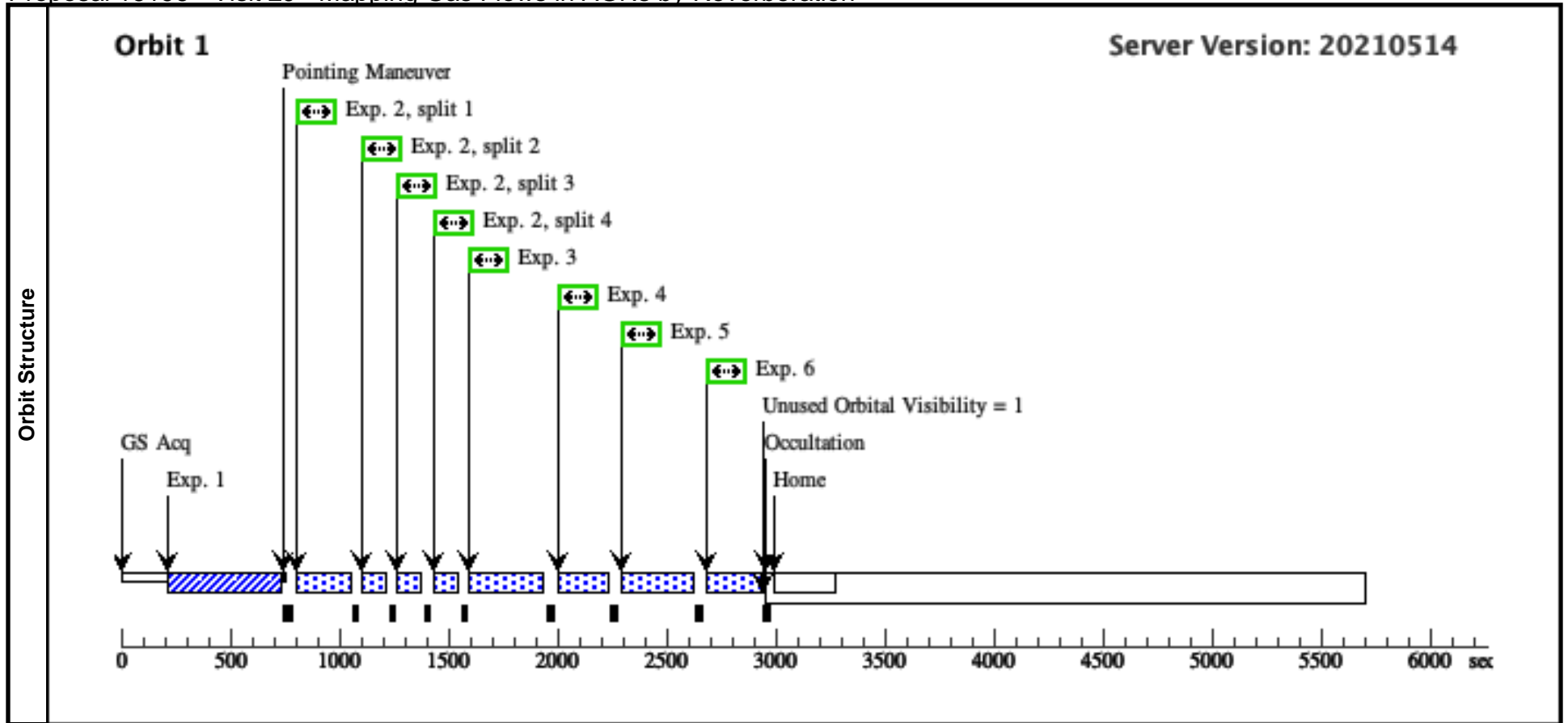
Visit	Proposal 16196, Visit 2I, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 01-OCT-2021:15:44:29 AND 02-OCT-2021:15:44:29									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 2J - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

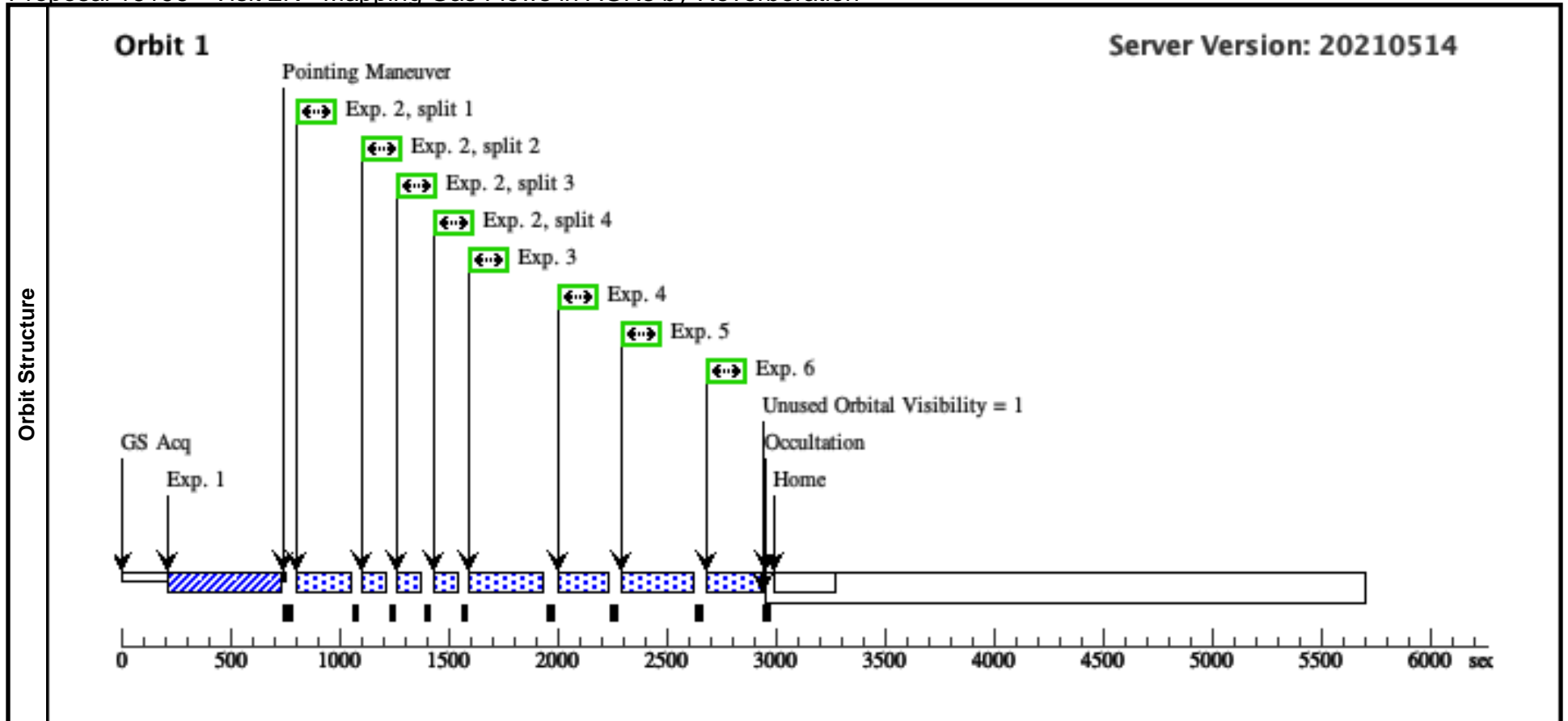
Visit		Proposal 16196, Visit 2J, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 03-OCT-2021:14:47:02 AND 04-OCT-2021:14:47:02									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 2K - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

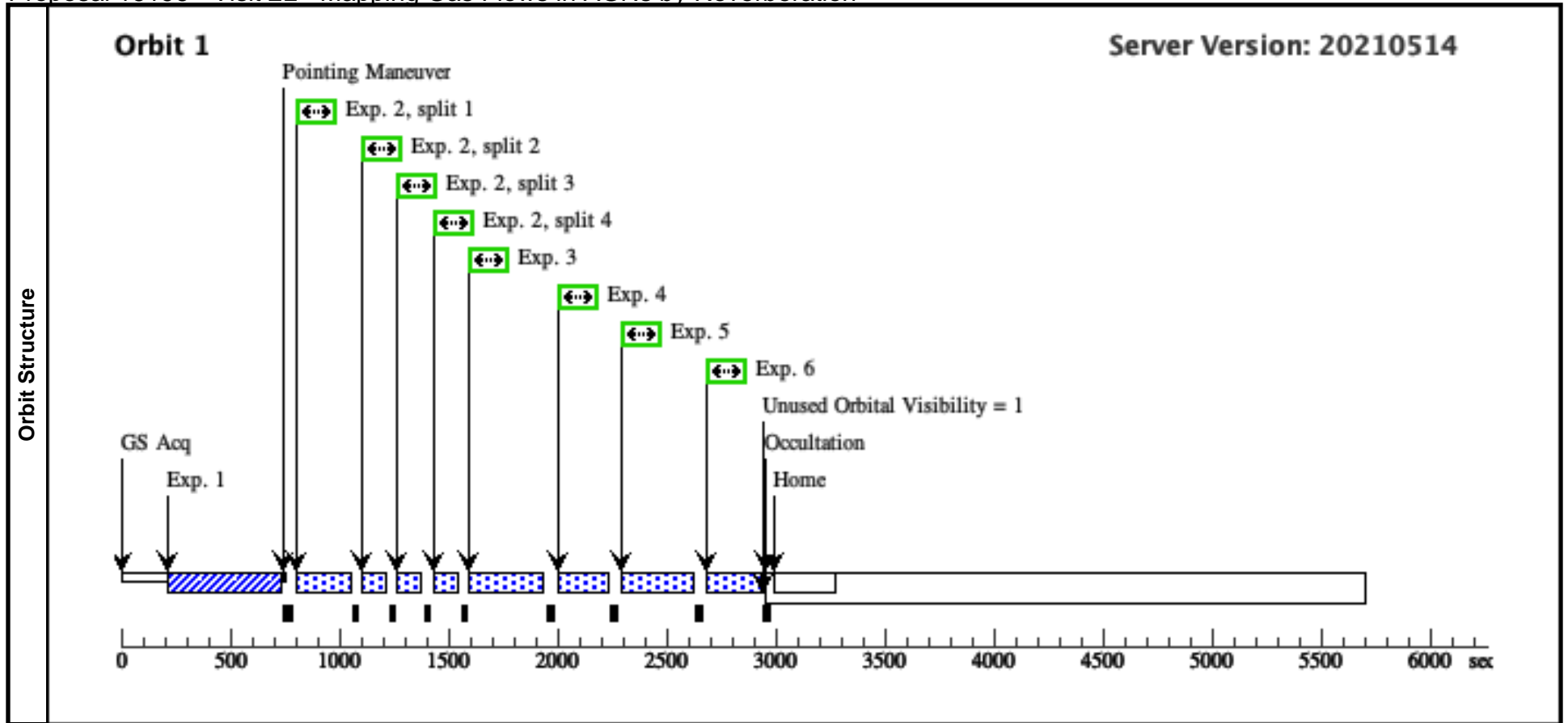
Visit	Proposal 16196, Visit 2K, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 05-OCT-2021:13:49:35 AND 06-OCT-2021:13:49:35																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO				
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																						
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																							
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																		
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>																											
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																		
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																		
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																		
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																		
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																		



Proposal 16196 - Visit 2L - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

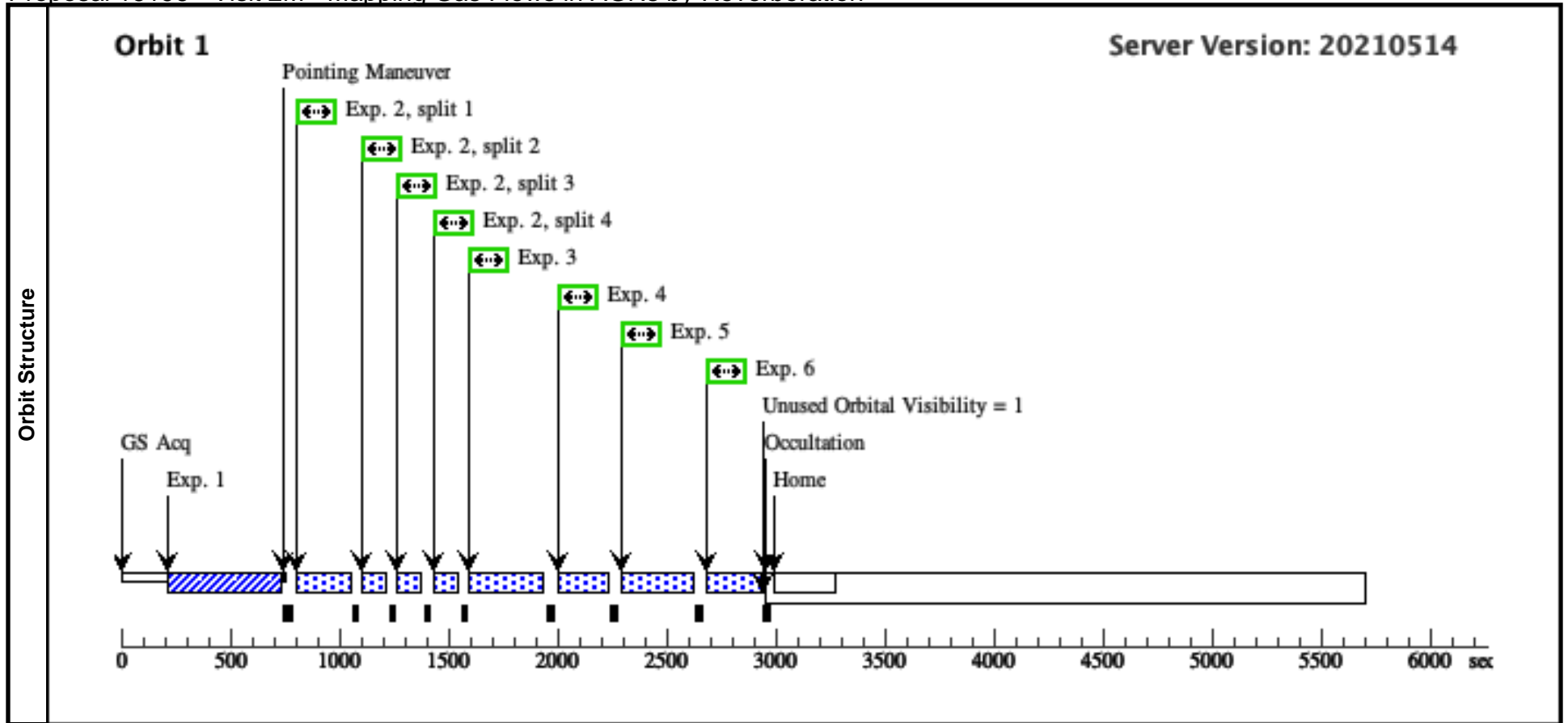
Visit		Proposal 16196, Visit 2L, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 07-OCT-2021:12:52:07 AND 08-OCT-2021:12:52:07									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]		



Proposal 16196 - Visit 2M - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

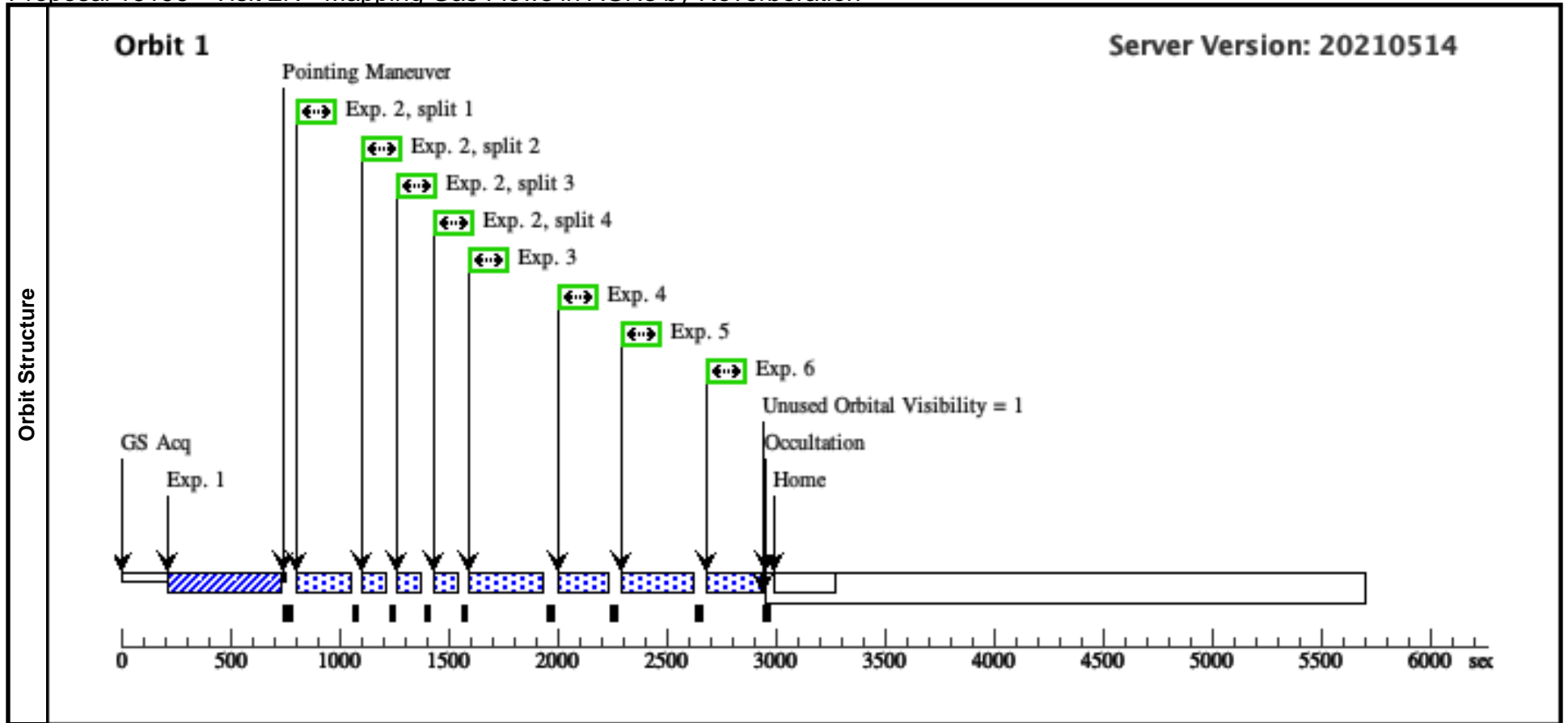
Visit	Proposal 16196, Visit 2M, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 09-OCT-2021:11:54:40 AND 10-OCT-2021:11:54:40									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 2N - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

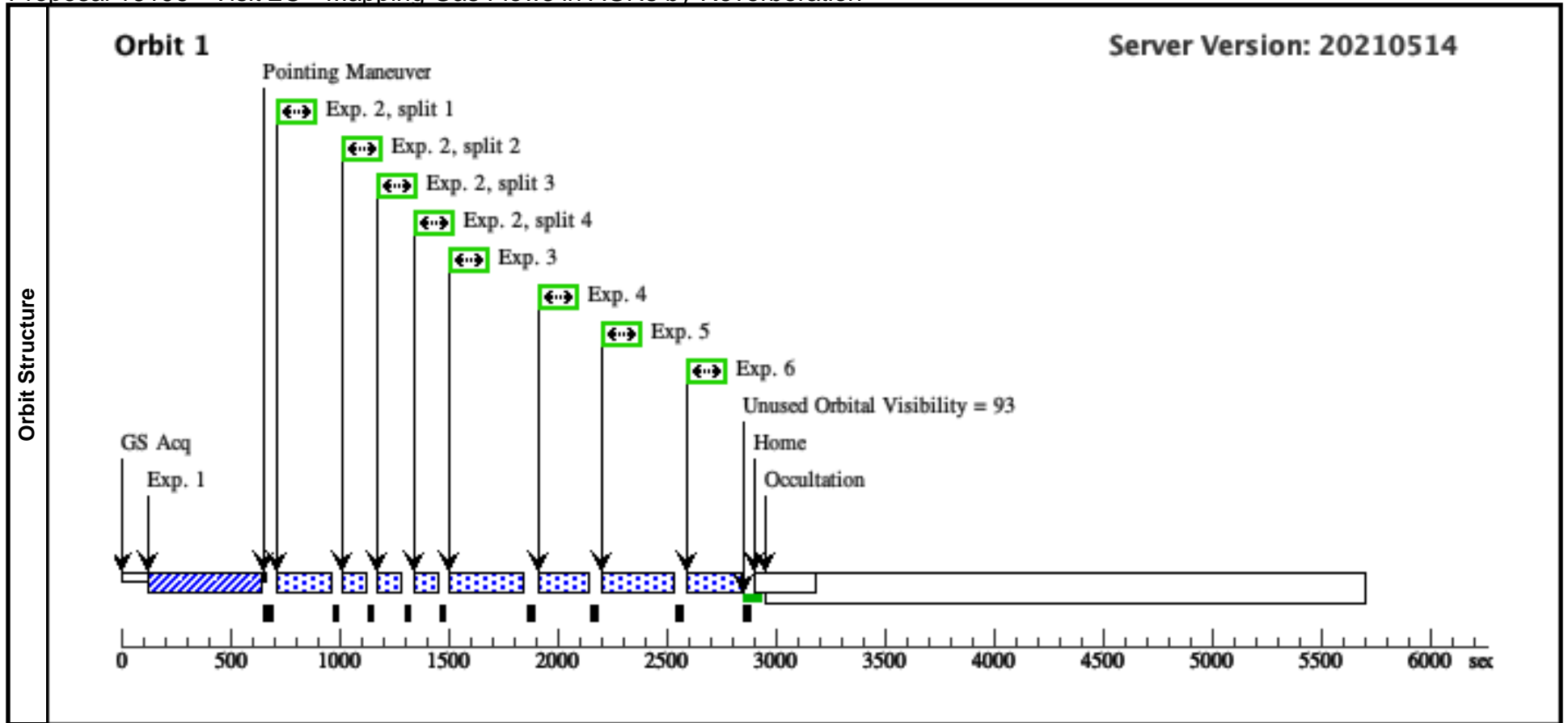
Visit	Proposal 16196, Visit 2N, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 01-JAN-2022:18:44:02 AND 02-JAN-2022:18:44:02 Comments: We accept single-guide star acquisitions																							
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO </td> </tr> </tbody> </table>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																			
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO																								
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit														
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]														
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.																							
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]														
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]														
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]														
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]														
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]														



Proposal 16196 - Visit 2O - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

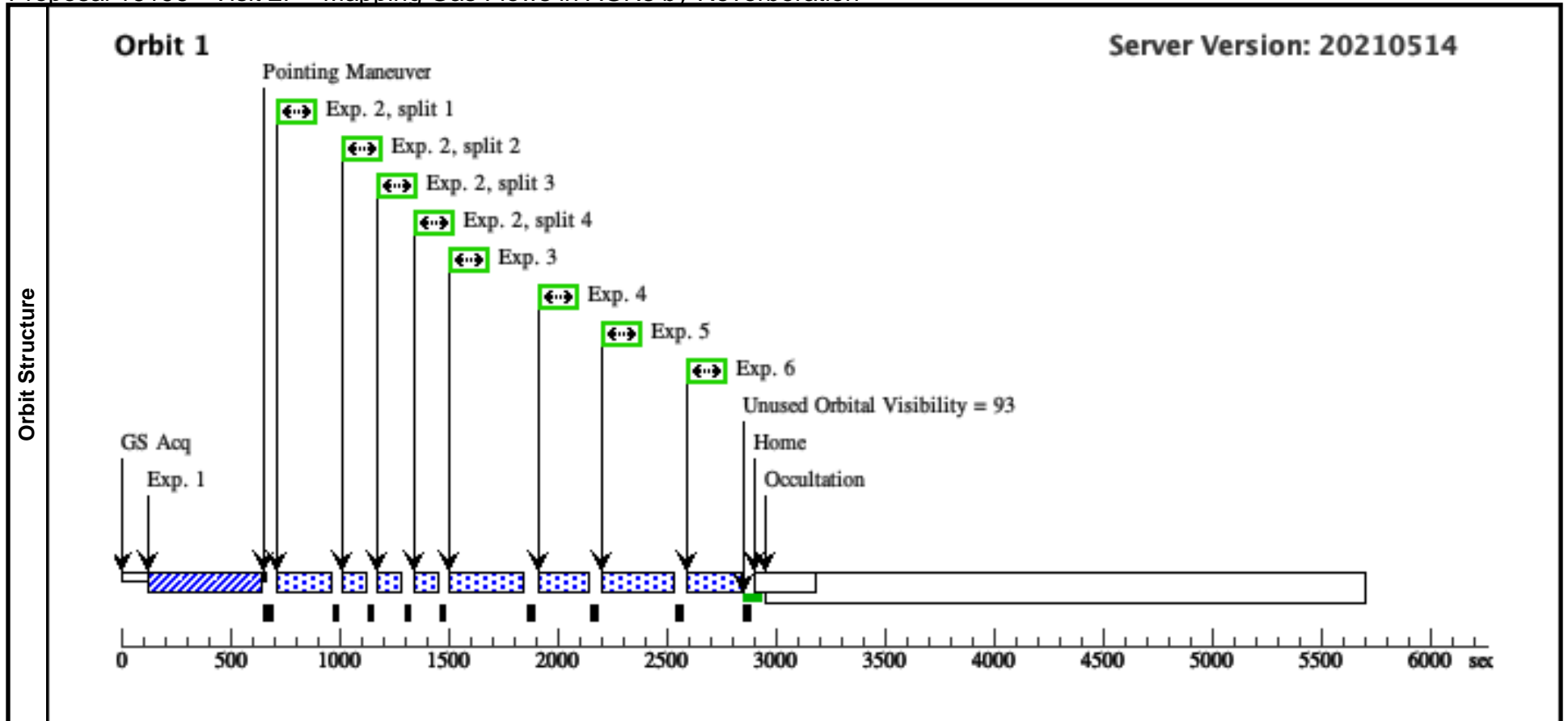
Visit	Proposal 16196, Visit 2O, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 03-JAN-2022:17:46:35 AND 04-JAN-2022:17:46:35 Comments: We accept single-guide star acquisitions																					
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																	
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit												
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O SINGLE		140 Secs (140 Secs) [==>]	[1]												
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.																					
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]												
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]												
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]												
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]												
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]												



Proposal 16196 - Visit 2P - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

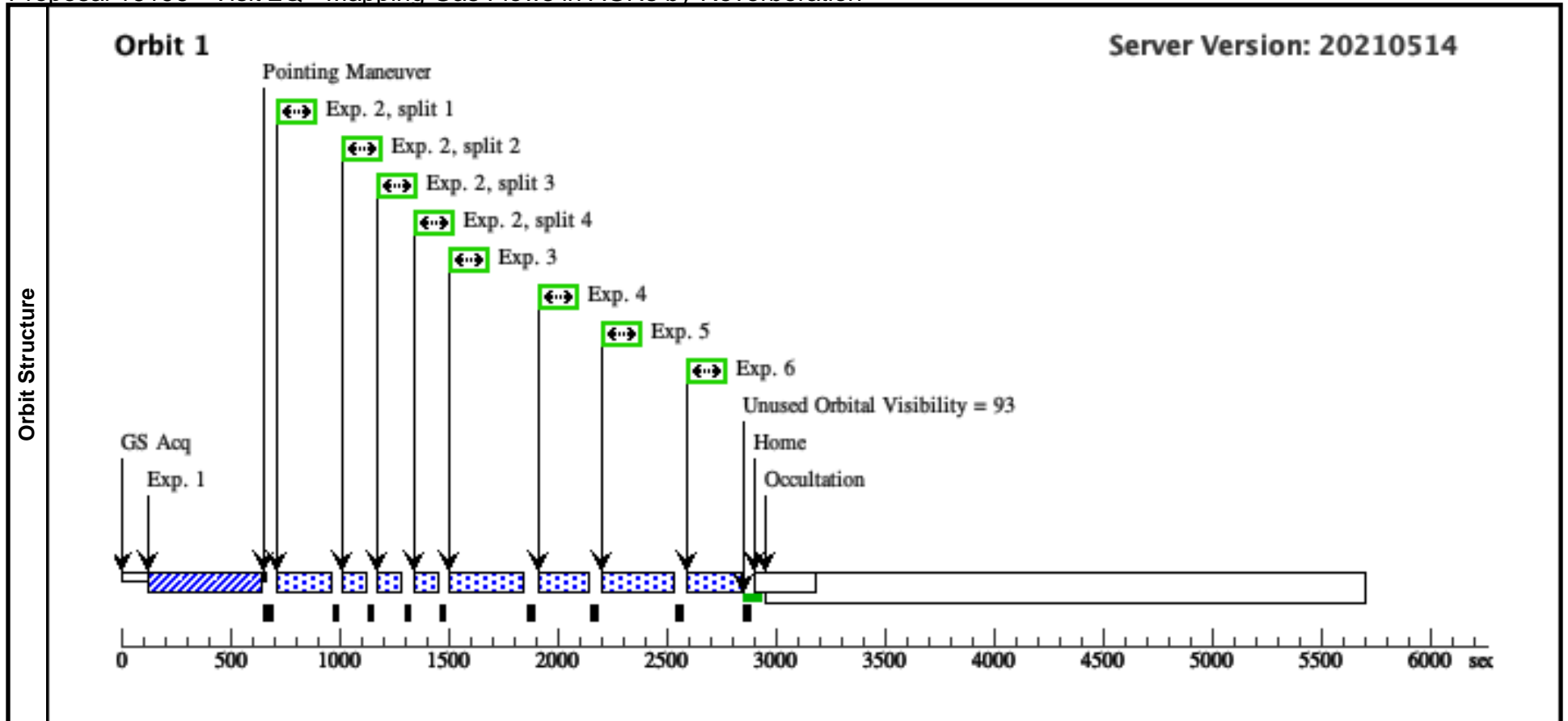
Visit	Proposal 16196, Visit 2P, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 05-JAN-2022:16:49:08 AND 06-JAN-2022:16:49:08 Comments: We accept single-guide star acquisitions									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O SINGLE		140 Secs (140 Secs) [==>]	[1]
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 2Q - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

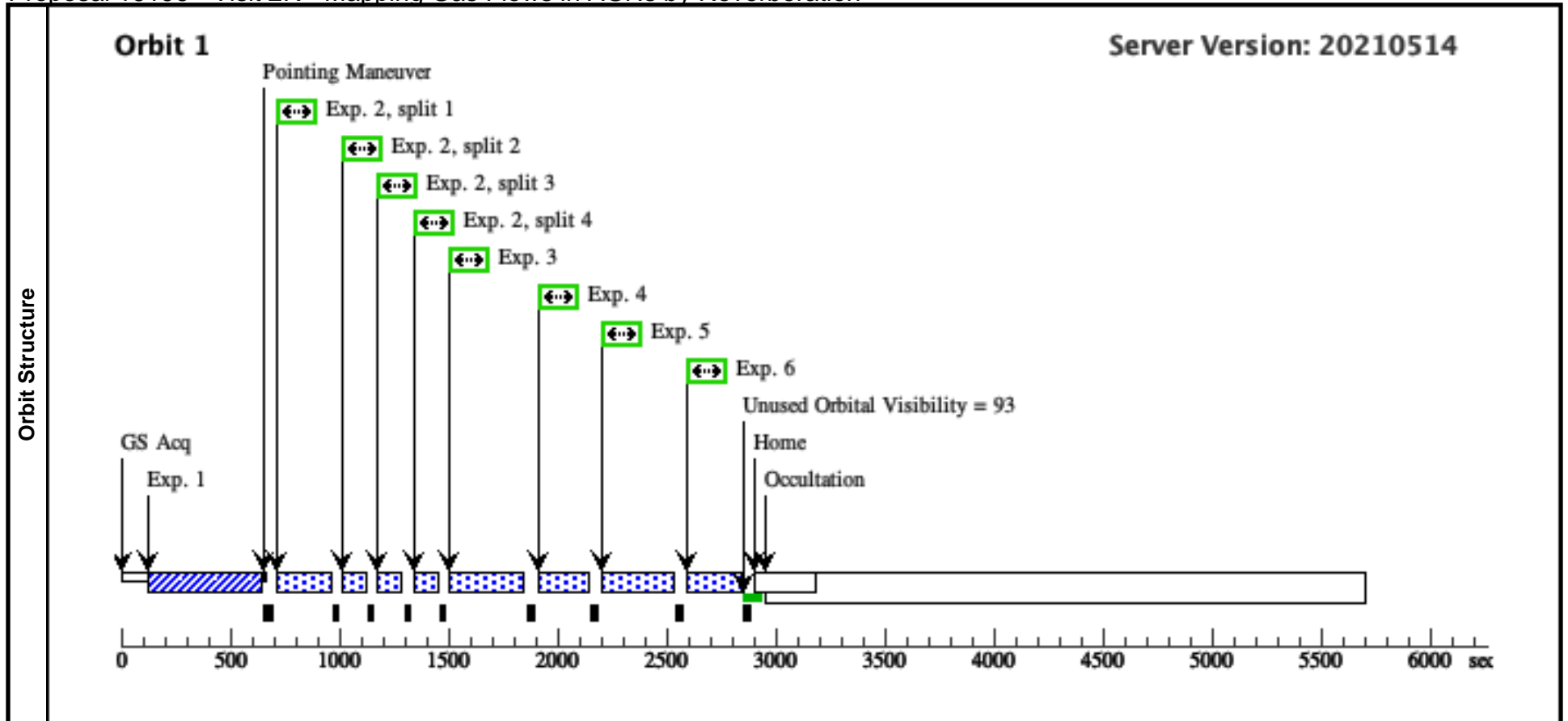
Visit	Proposal 16196, Visit 2Q, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 07-JAN-2022:15:51:40 AND 08-JAN-2022:15:51:40 Comments: We accept single-guide star acquisitions									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O SINGLE		140 Secs (140 Secs) [==>]	[1]
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 2R - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

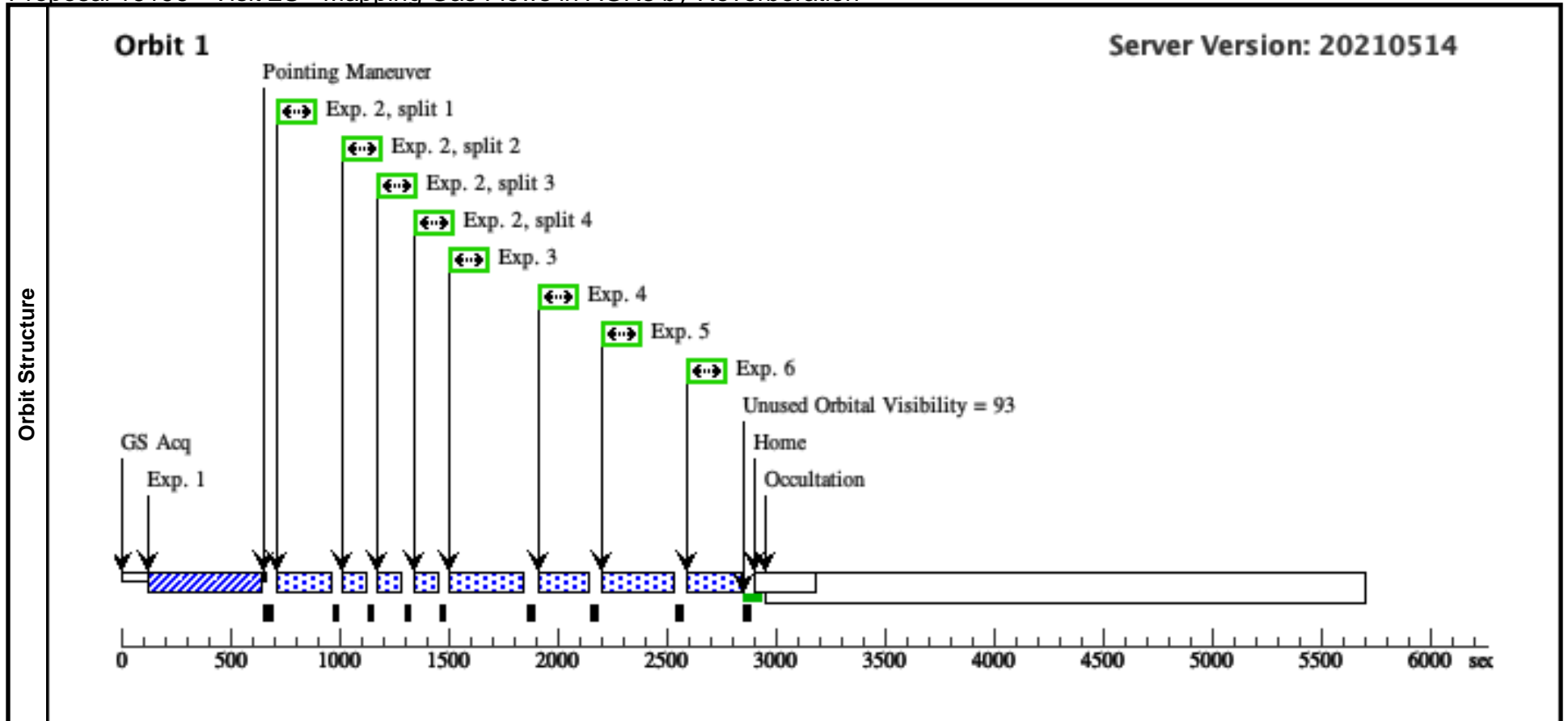
Visit	Proposal 16196, Visit 2R, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 09-JAN-2022:14:54:13 AND 10-JAN-2022:14:54:13 Comments: We accept single-guide star acquisitions																																																																																									
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Proposal 16196 - Visit 2S - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

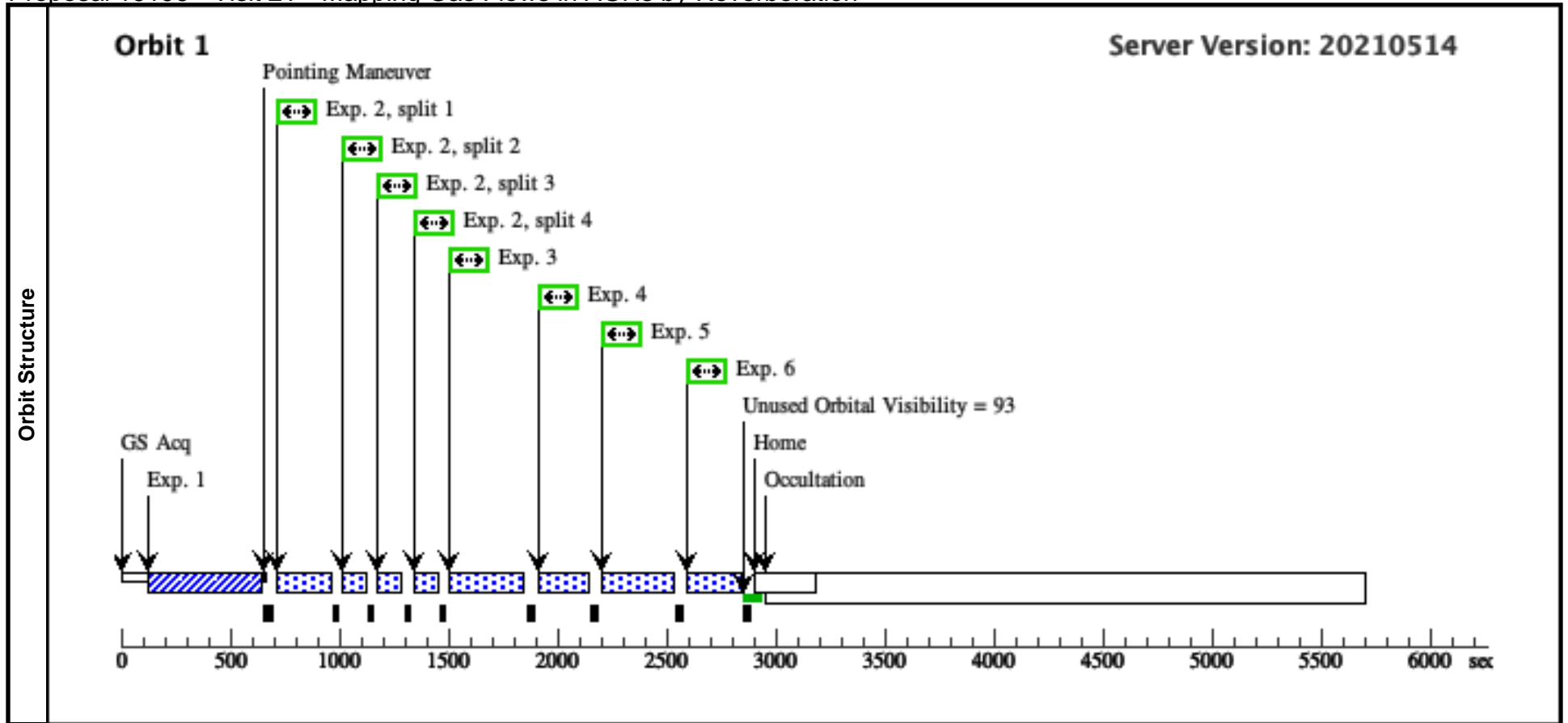
Visit	Proposal 16196, Visit 2S, scheduled Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 11-JAN-2022:13:56:46 AND 12-JAN-2022:13:56:46 Comments: <i>We accept single-guide star acquisitions</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
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Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O SINGLE		140 Secs (140 Secs) [==>]	[1]
	Comments: <i>We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
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	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]	



Proposal 16196 - Visit 2T - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

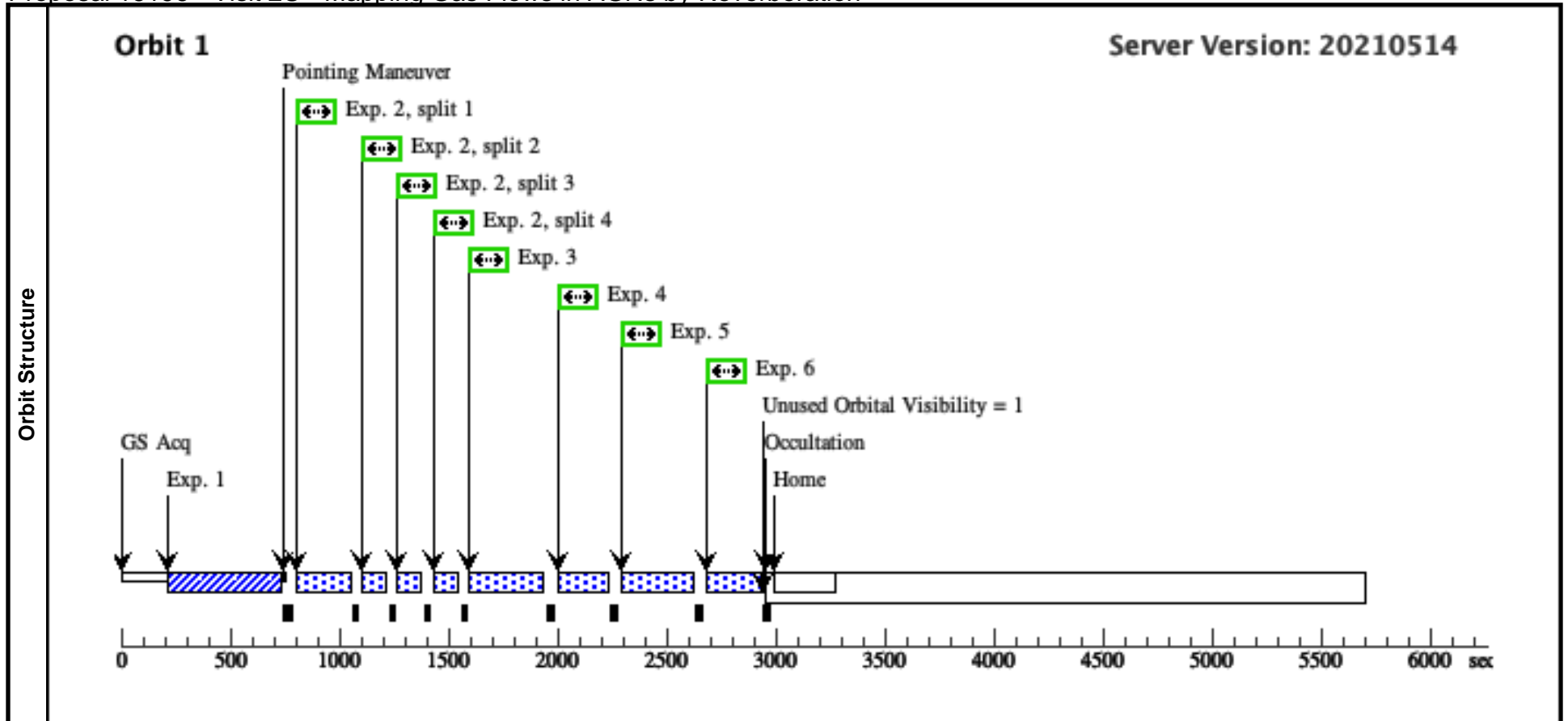
Visit	Proposal 16196, Visit 2T, scheduled Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 13-JAN-2022:12:59:18 AND 14-JAN-2022:12:59:18 Comments: We accept single-guide star acquisitions																					
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	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O SINGLE		140 Secs (140 Secs) [==>]	[1]												
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	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]												
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]												
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	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]												
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]												



Proposal 16196 - Visit 2U - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

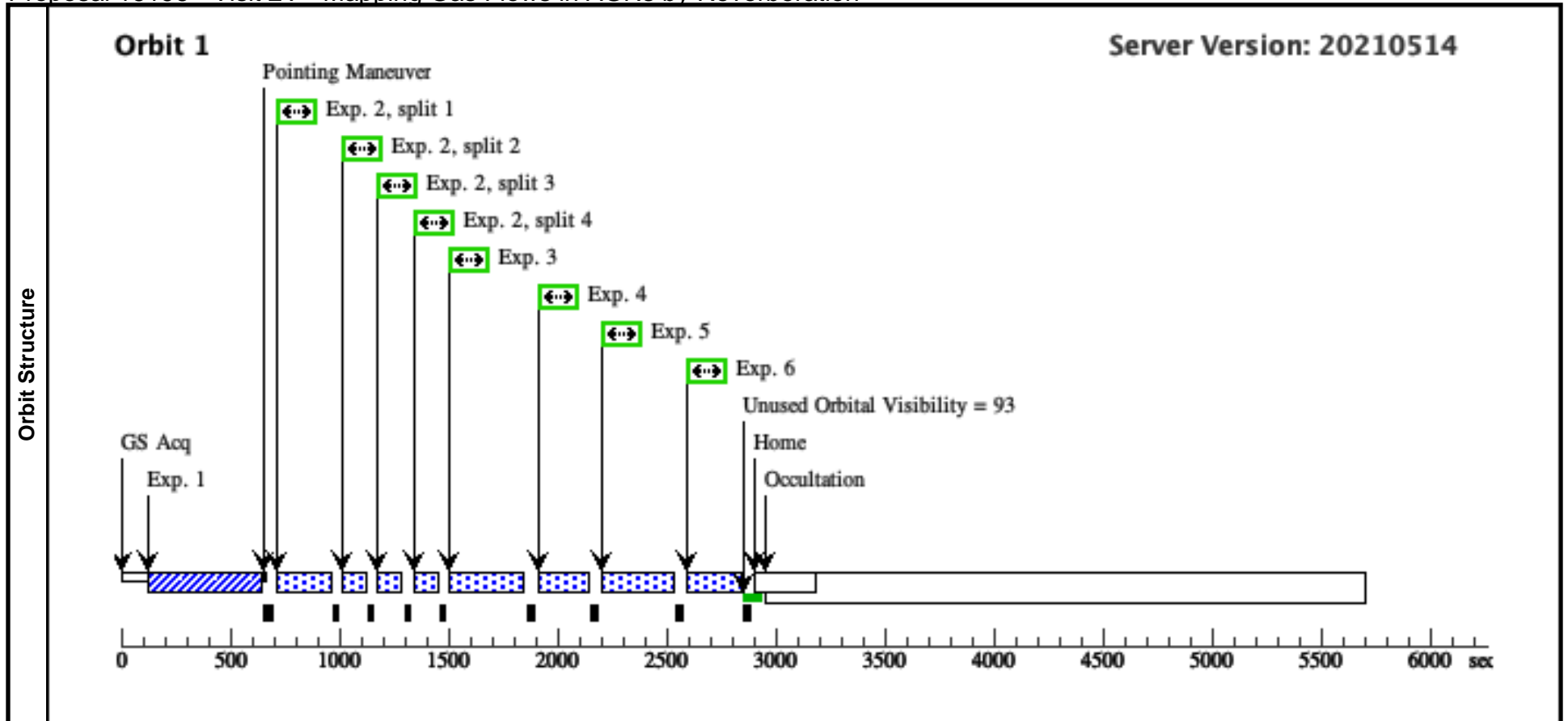
Visit	Proposal 16196, Visit 2U, scheduled Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 15-JAN-2022:12:01:51 AND 16-JAN-2022:12:01:51 Comments: 1st of 8 visits to implement HOPR 92111. Removed the HOLD on this visit, 2U, to replace the failed visit 1F.																																																																																										
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	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.																																																																																										
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																																																																																	
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]																																																																																	
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]																																																																																	
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]																																																																																	
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]																																																																																		



Proposal 16196 - Visit 2V - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

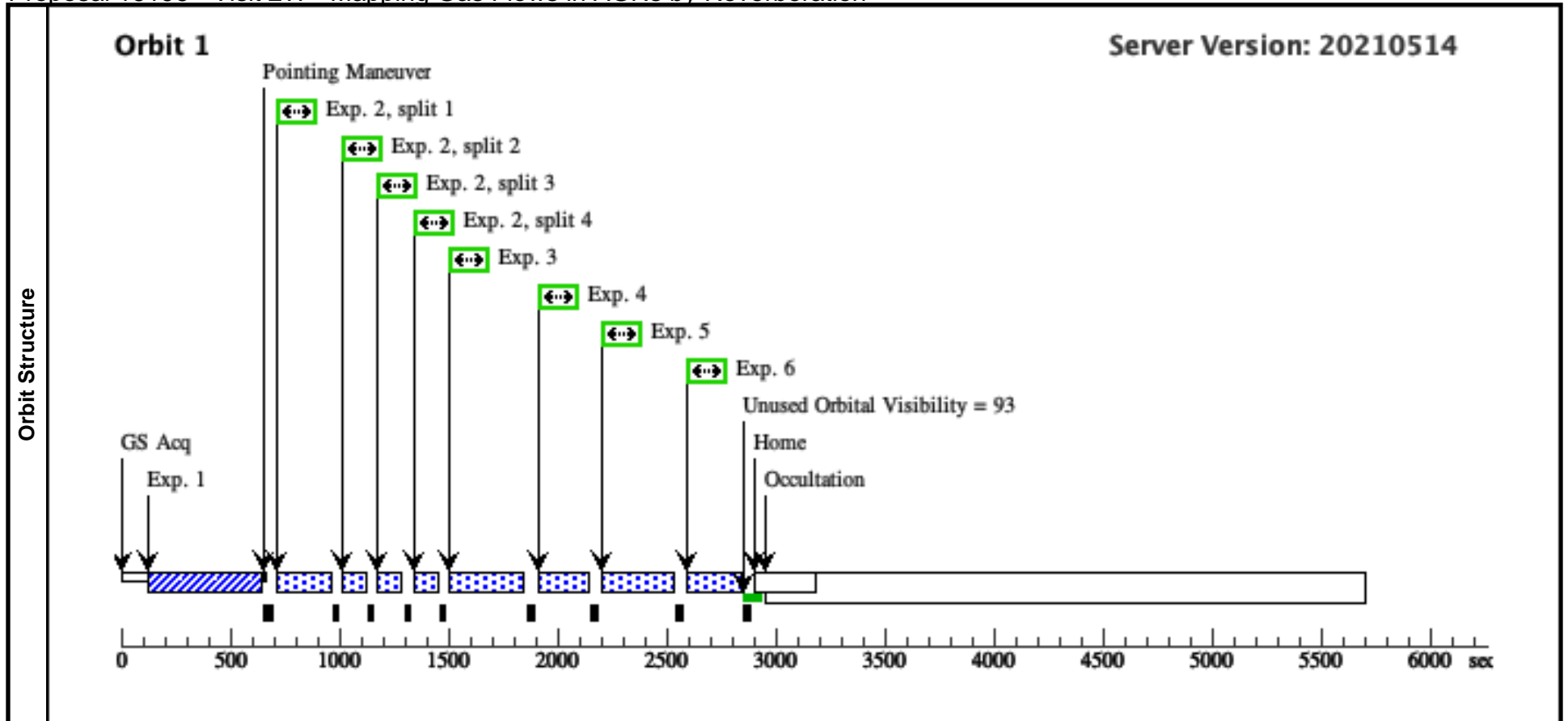
Visit	Proposal 16196, Visit 2V, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 25-OCT-2021:04:15:01 AND 26-OCT-2021:04:15:01 Comments: We accept single-guide star acquisitions																
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit							
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O SINGLE		140 Secs (140 Secs) [==>]	[1]							
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.																
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]							
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]							
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]							
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]							
6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]								



Proposal 16196 - Visit 2W - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

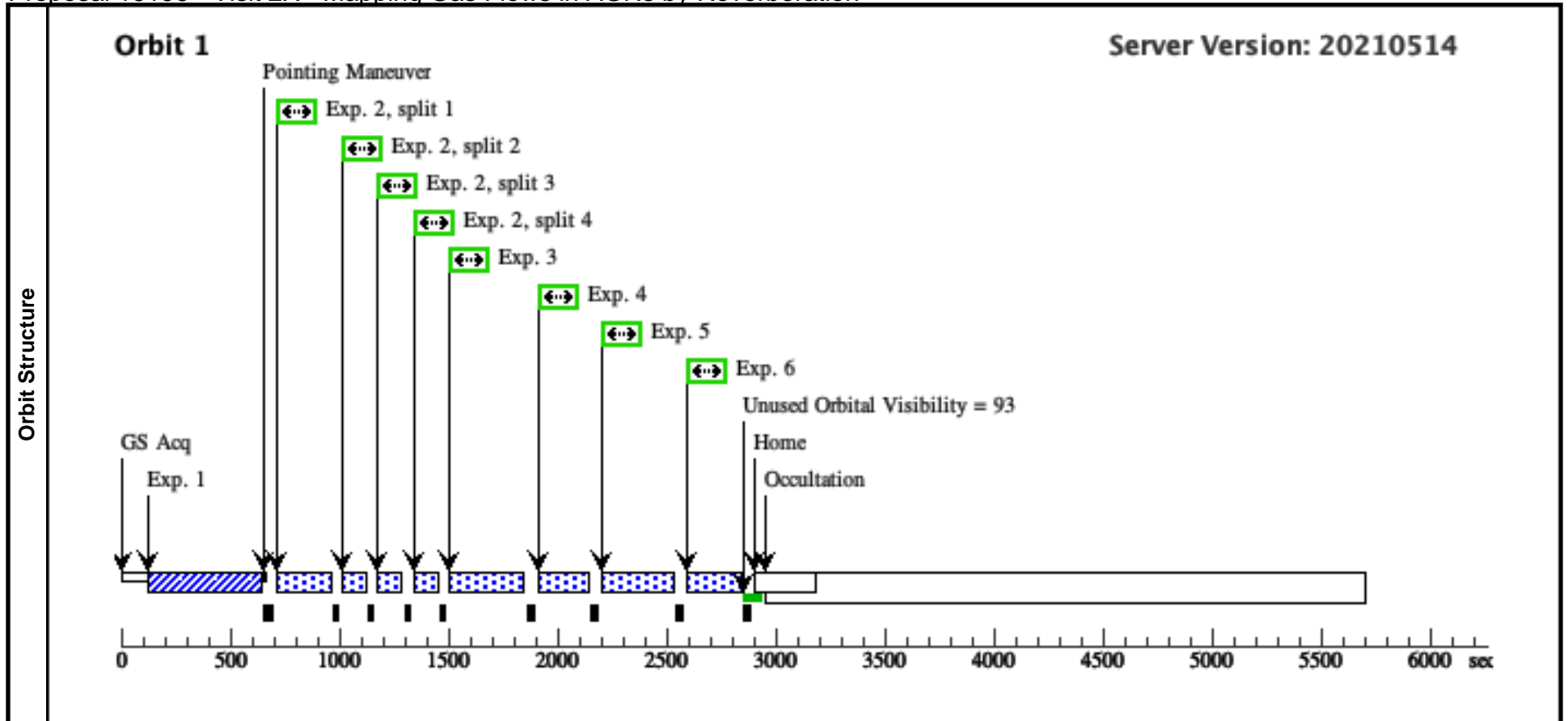
Visit	Proposal 16196, Visit 2W, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 29-OCT-2021:02:20:06 AND 30-OCT-2021:02:20:06 Comments: <i>We accept single-guide star acquisitions</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	Comments: <i>This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O SINGLE		140 Secs (140 Secs) [==>]	[1]
	Comments: <i>We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 2X - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

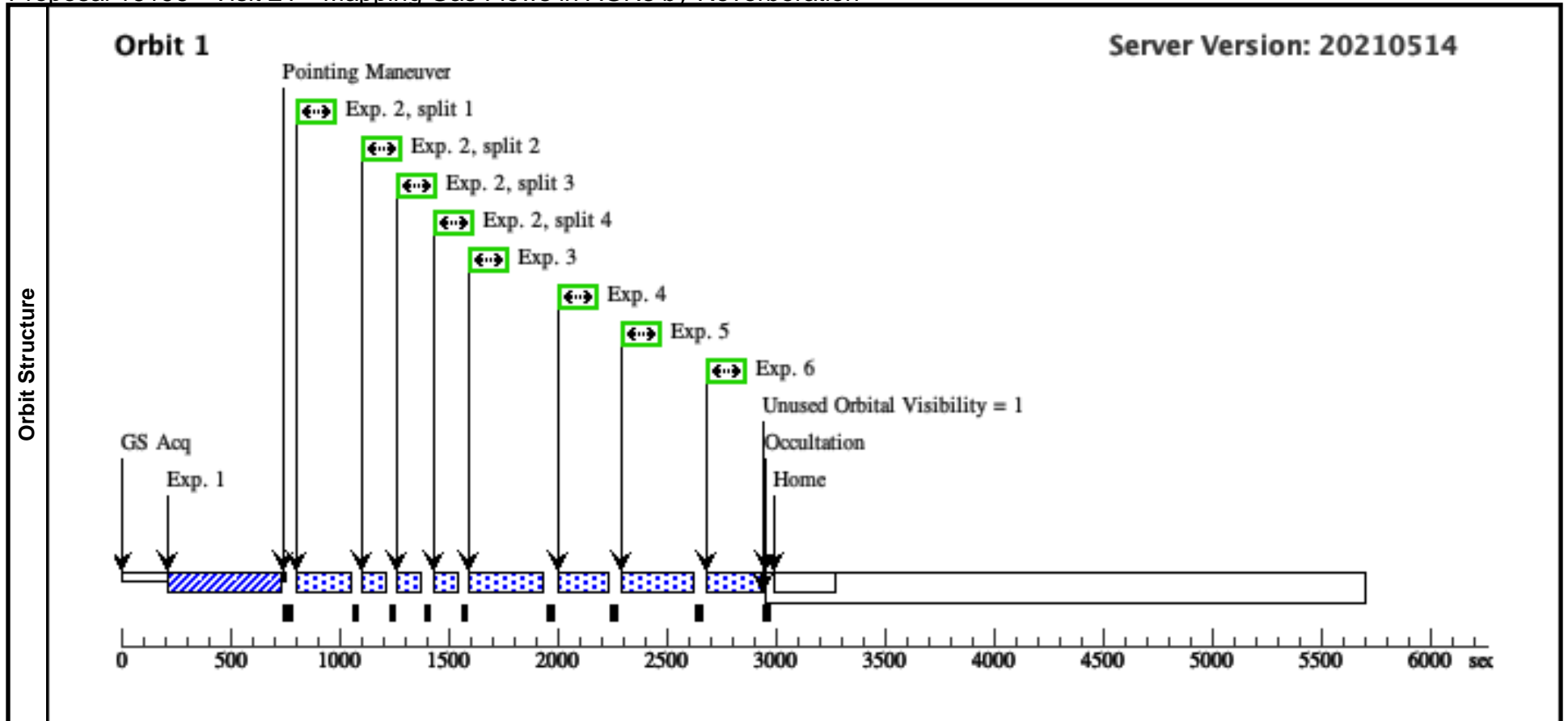
Visit	Proposal 16196, Visit 2X, failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 31-OCT-2021:01:22:39 AND 01-NOV-2021:01:22:39 Comments: <i>We accept single-guide star acquisitions</i>									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	Comments: <i>This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O SINGLE		140 Secs (140 Secs) [==>]	[1]
	Comments: <i>We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 2Y - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

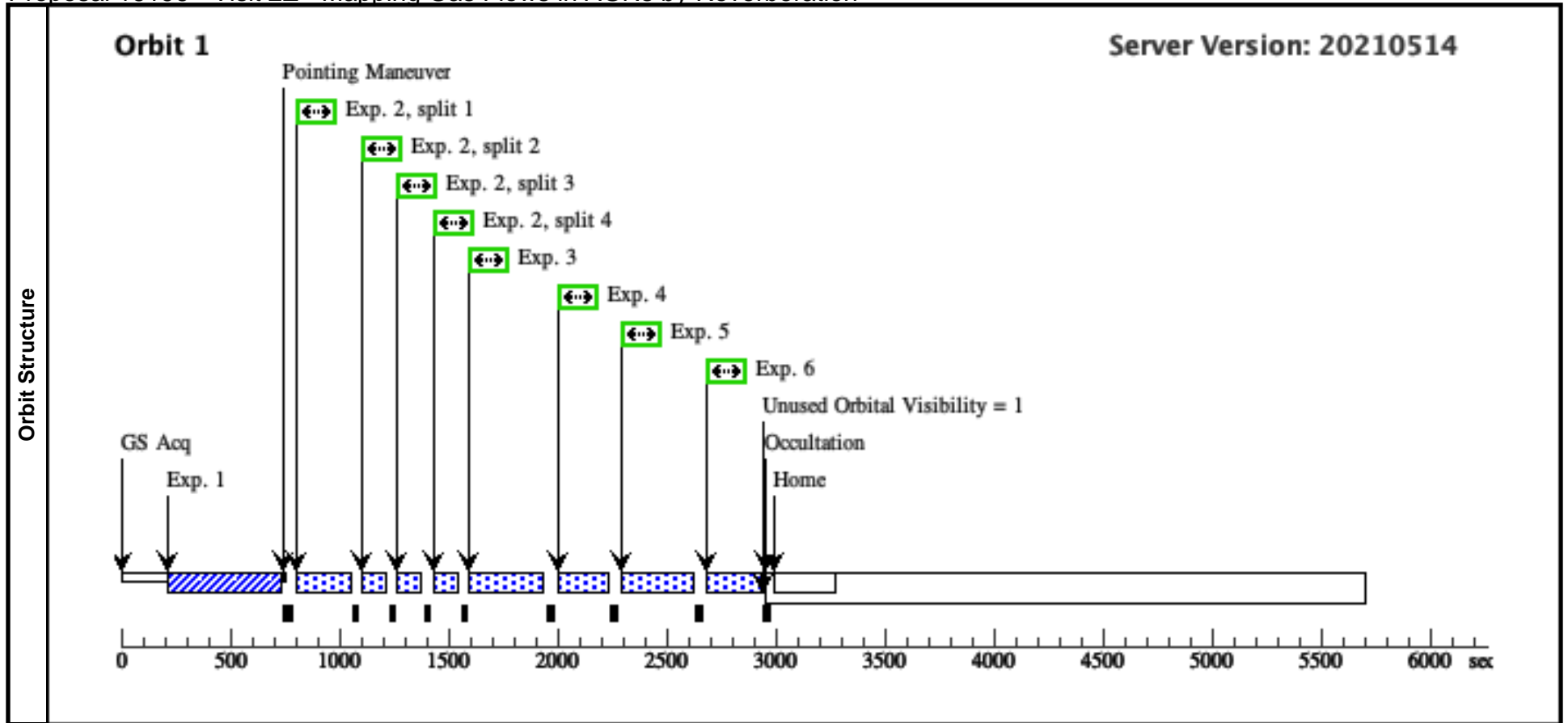
Visit	Proposal 16196, Visit 2Y, scheduled Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 17-JAN-2022:11:04:24 AND 18-JAN-2022:11:04:24 Comments: We accept single-guide star acquisitions																
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit							
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]							
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.																
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]							
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]							
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]							
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]							
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]							



Proposal 16196 - Visit 2Z - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

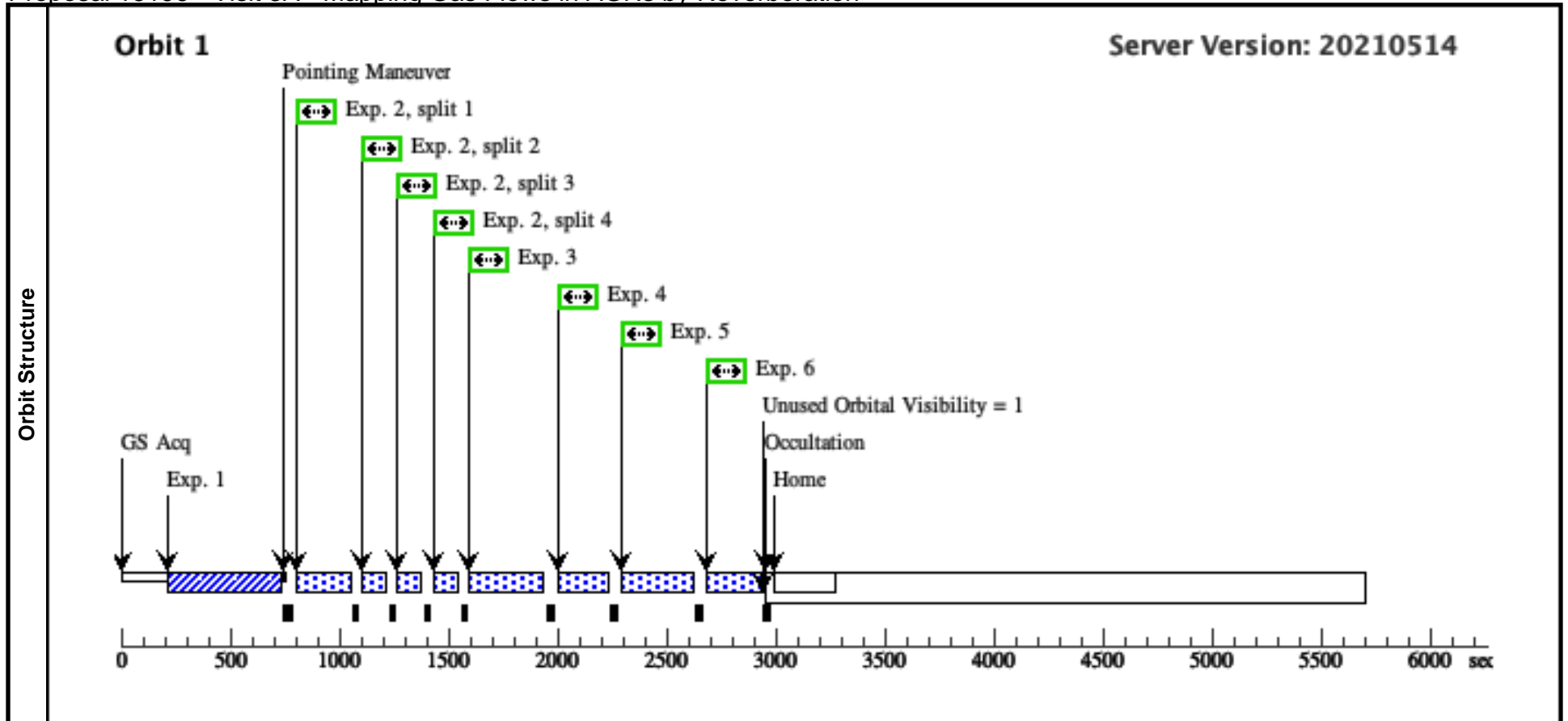
Visit	Proposal 16196, Visit 2Z, scheduled Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 19-JAN-2022:10:06:56 AND 20-JAN-2022:10:06:56 Comments: We accept single-guide star acquisitions																																																																																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO </td> </tr> </tbody> </table>											#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO																																																																			
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="11"> Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state. </td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>											#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.											2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																																		
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Proposal 16196 - Visit 3A - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

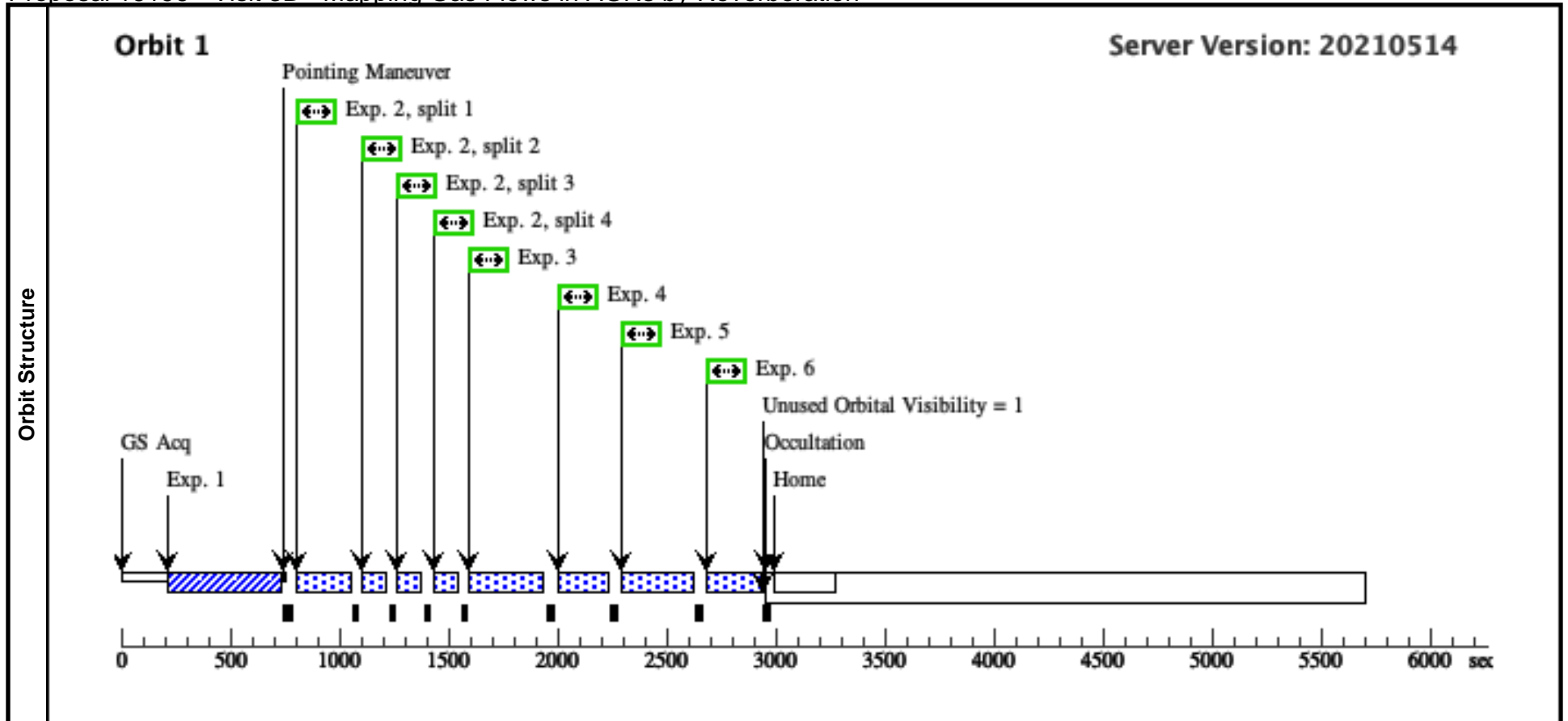
Visit	Proposal 16196, Visit 3A, scheduled Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 21-JAN-2022:09:09:29 AND 22-JAN-2022:09:09:29 Comments: We accept single-guide star acquisitions																																																																																									
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Proposal 16196 - Visit 3B - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

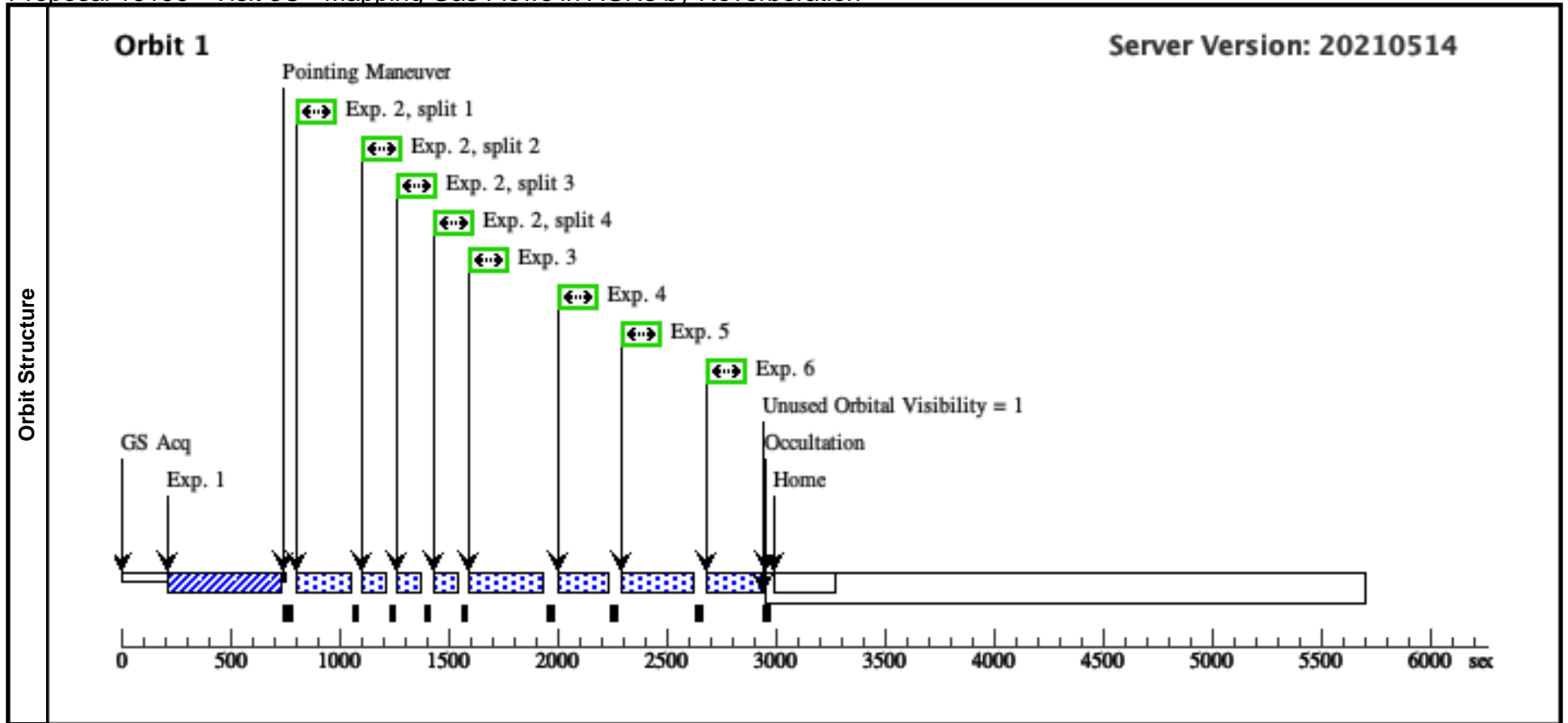
Visit	Proposal 16196, Visit 3B, scheduled Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 23-JAN-2022:08:12:01 AND 24-JAN-2022:08:12:01 <i>Comments: We accept single-guide star acquisitions</i>																																																																																
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Proposal 16196 - Visit 3C - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

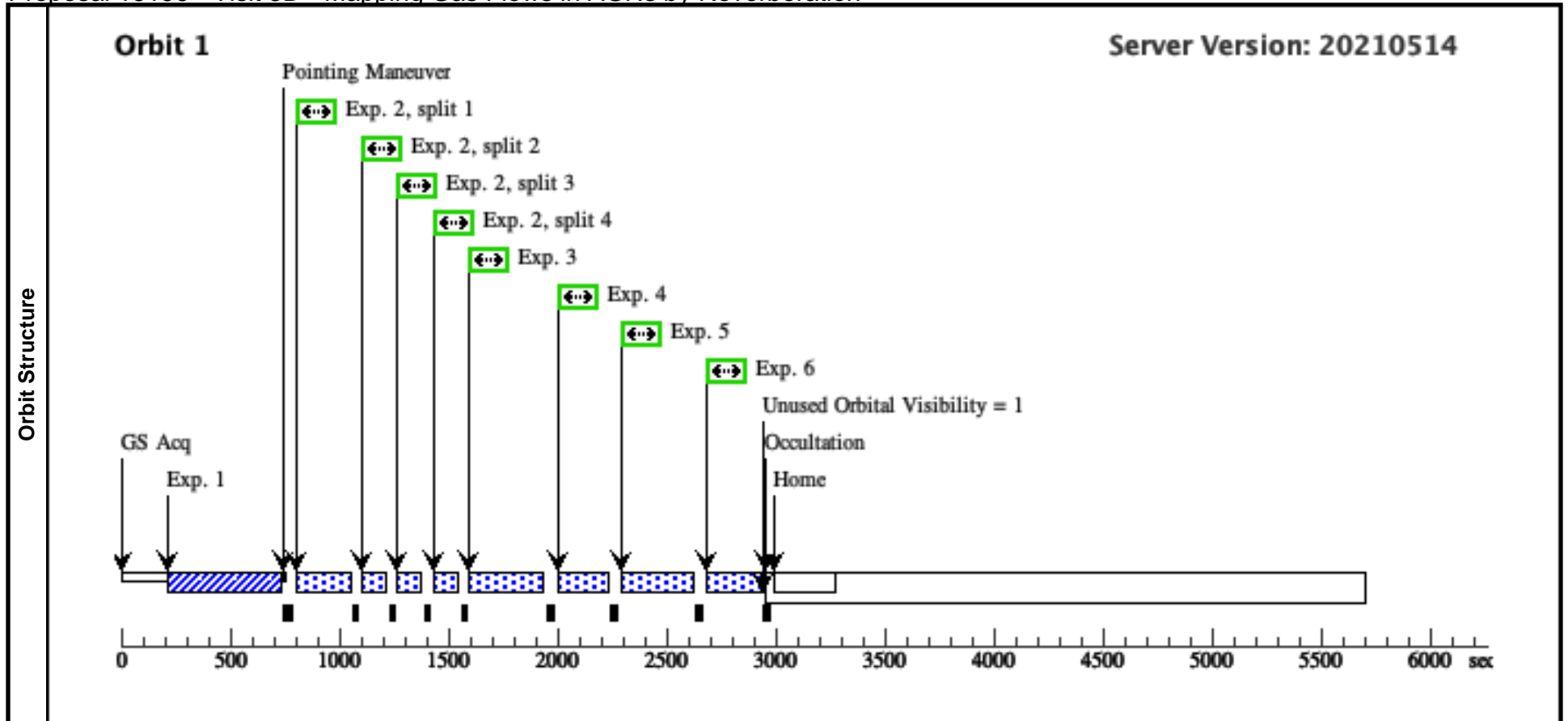
Visit	Proposal 16196, Visit 3C, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 25-JAN-2022:07:14:34 AND 26-JAN-2022:07:14:34 Comments: We accept single-guide star acquisitions									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
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Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
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Proposal 16196 - Visit 3D - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

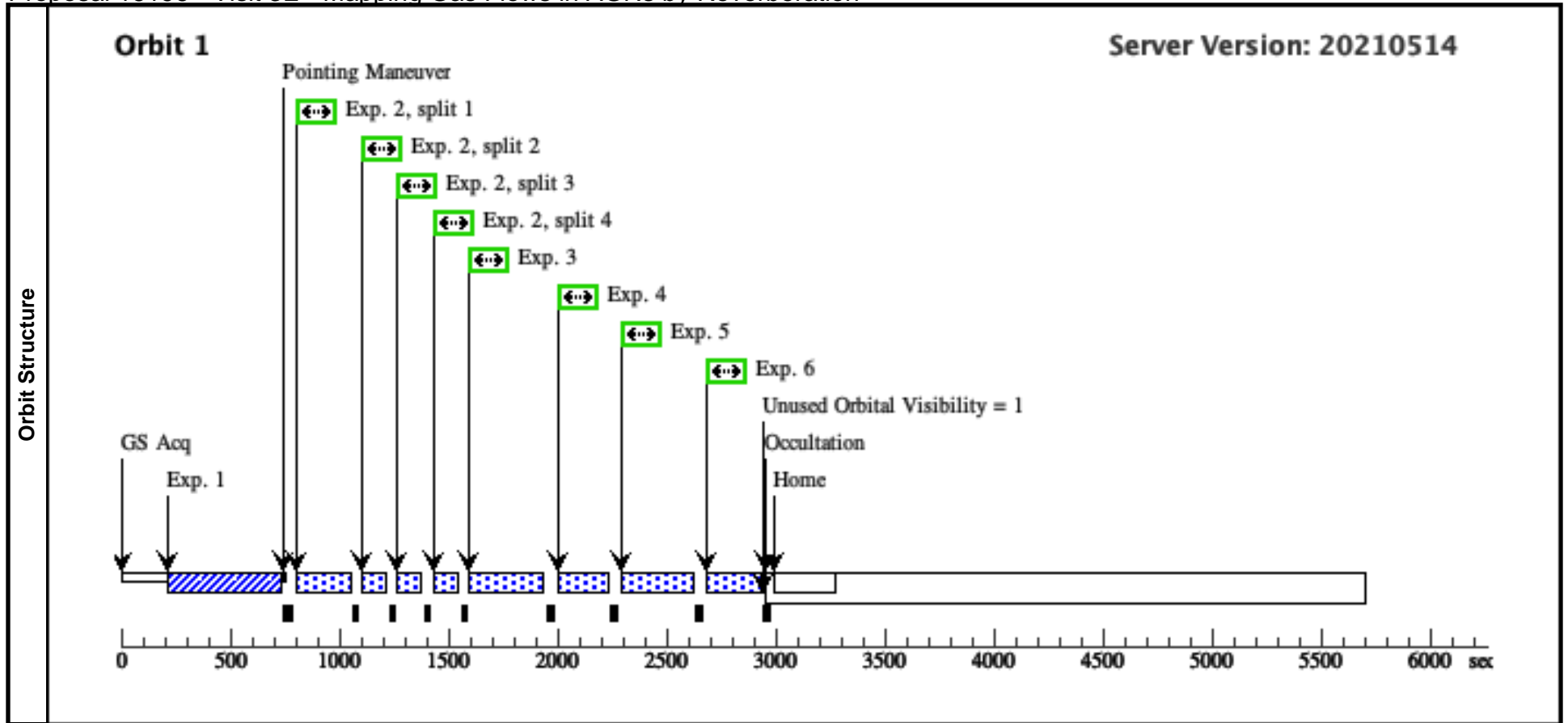
Visit	Proposal 16196, Visit 3D, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 27-JAN-2022:06:17:07 AND 28-JAN-2022:06:17:07 Comments: We accept single-guide star acquisitions																																																																																										
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Proposal 16196 - Visit 3E - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

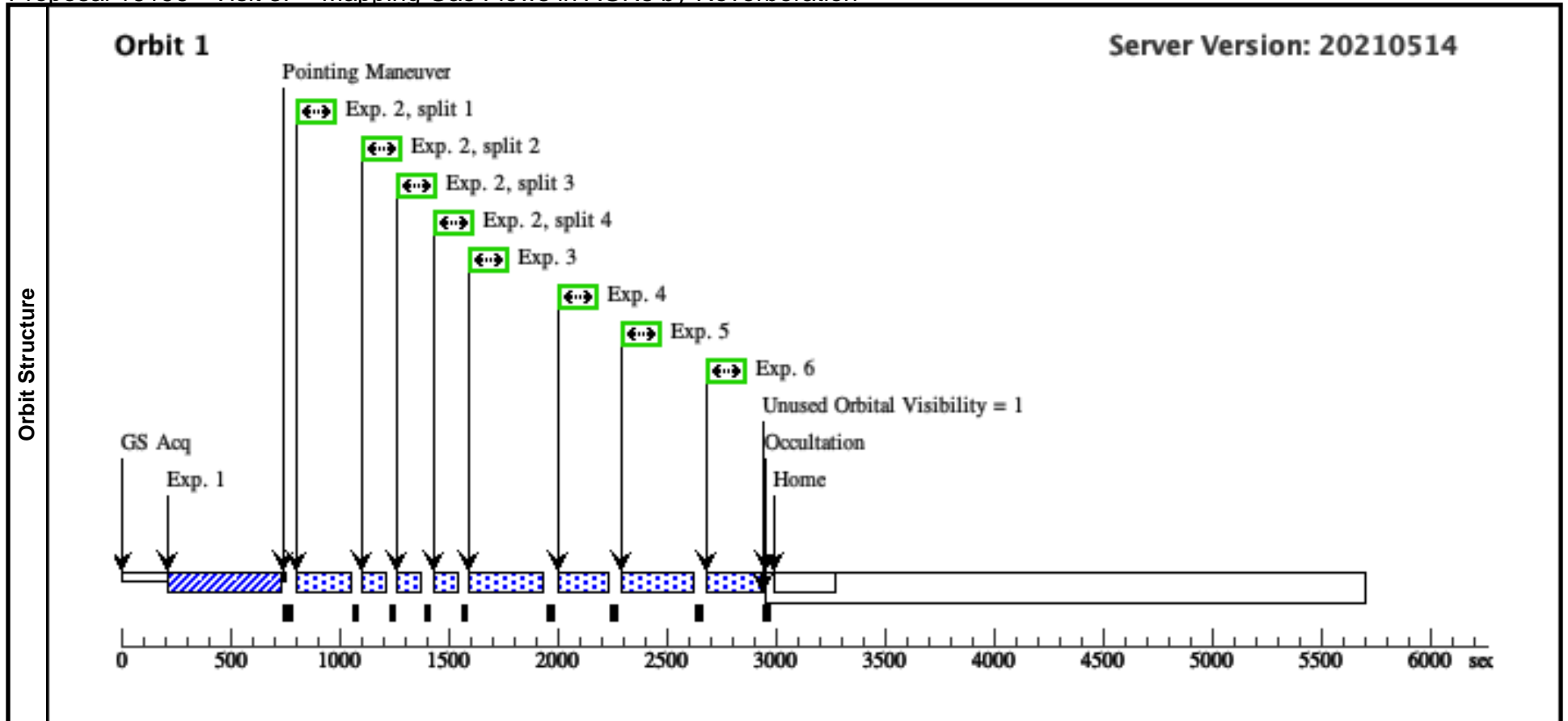
Visit	Proposal 16196, Visit 3E, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 29-JAN-2022:05:19:39 AND 30-JAN-2022:05:19:39 <i>Comments: We accept single-guide star acquisitions</i>																																																																																										
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Proposal 16196 - Visit 3F - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

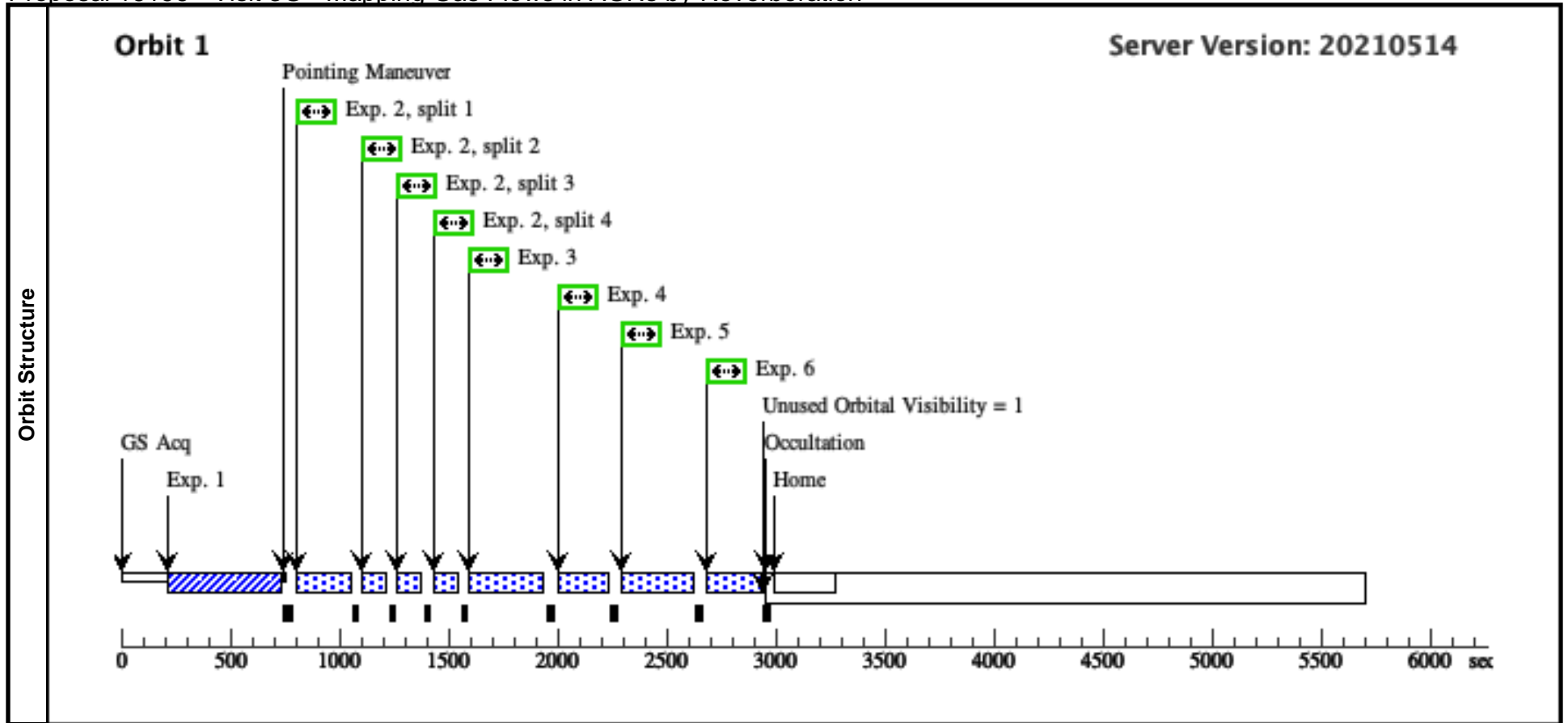
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Proposal 16196 - Visit 3G - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

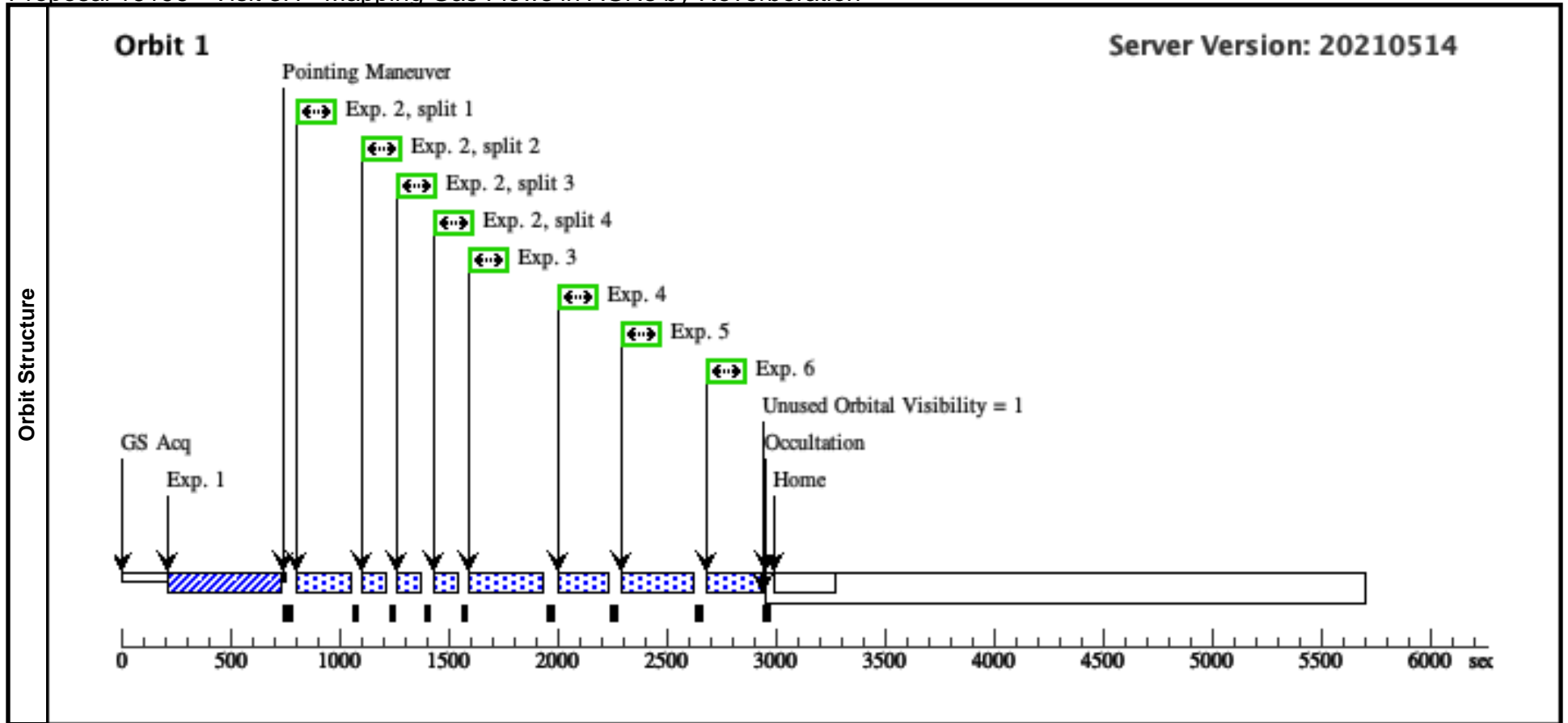
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Proposal 16196 - Visit 3H - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

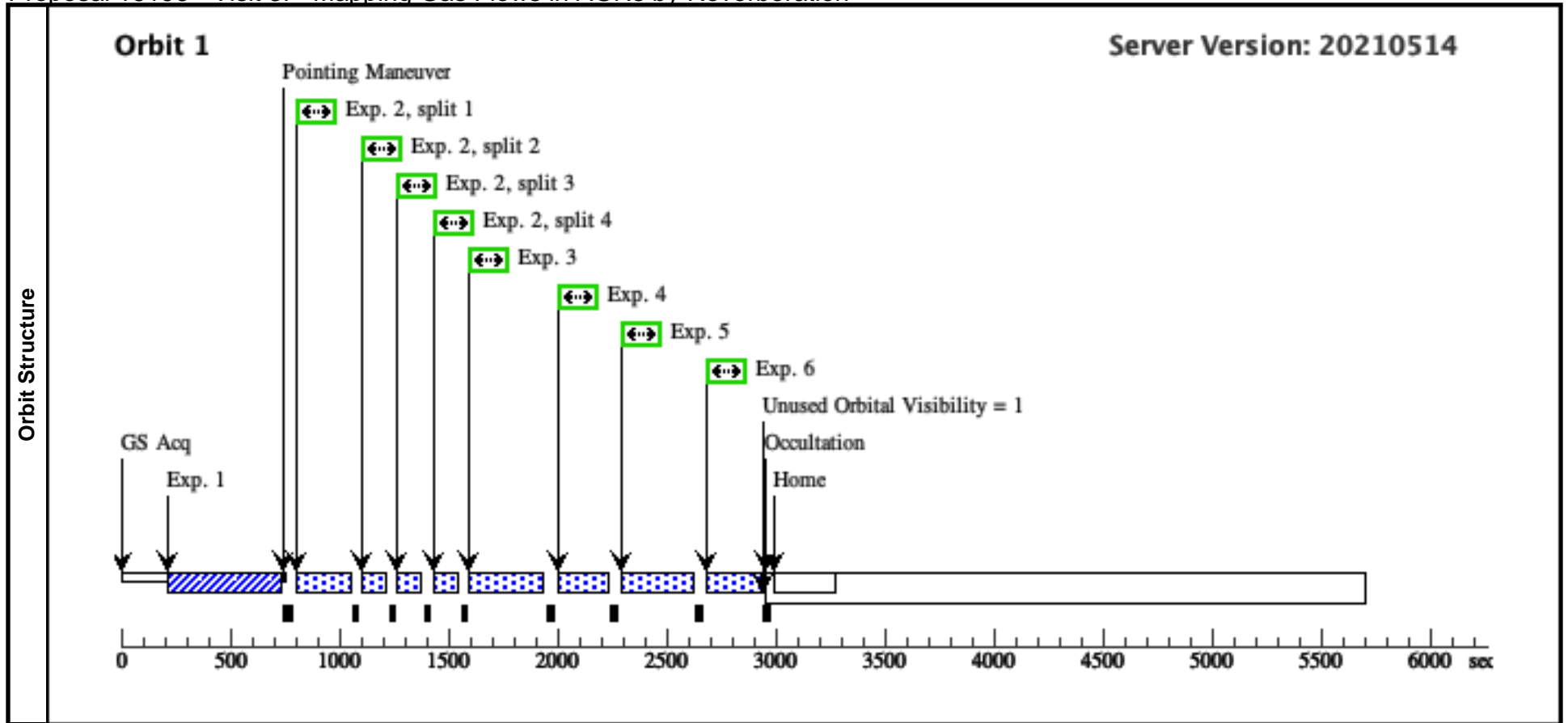
Visit	Proposal 16196, Visit 3H, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 04-FEB-2022:02:27:17 AND 05-FEB-2022:02:27:17 Comments: We accept single-guide star acquisitions									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
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Proposal 16196 - Visit 3I - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

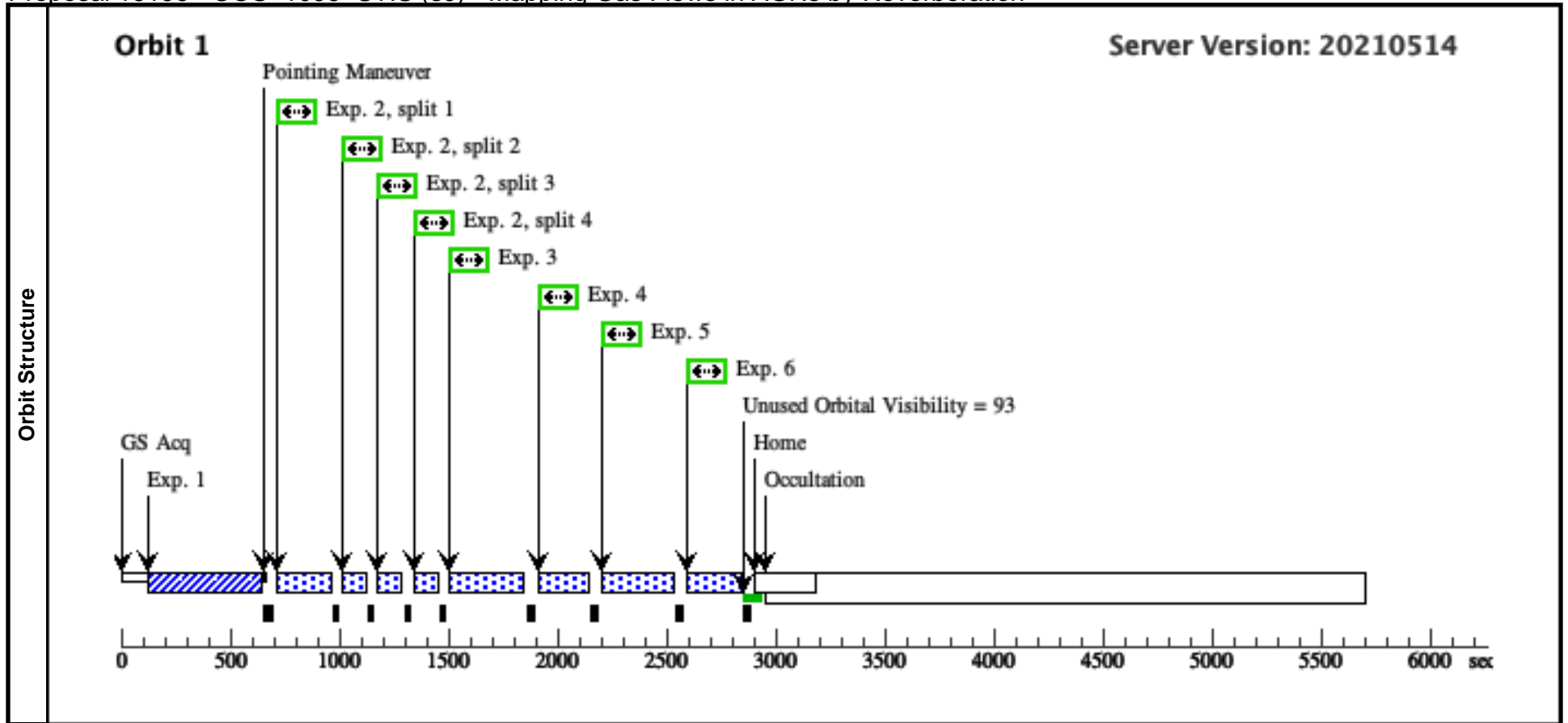
Visit	Proposal 16196, Visit 3I, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 06-FEB-2022:01:29:50 AND 07-FEB-2022:01:29:50 Comments: We accept single-guide star acquisitions																																																																																											
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td colspan="11"> Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state. </td> </tr> <tr> <td>2</td> <td>(COS.sp.144 4848)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1222 A</td> <td>BUFFER-TIME=82 0; FP-POS=ALL</td> <td></td> <td></td> <td>60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60.; FP-POS=1</td> <td></td> <td></td> <td>175. Secs (175 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>(COS.sp.144 4849)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1533 A</td> <td>BUFFER-TIME=12 60; FP-POS=2</td> <td></td> <td></td> <td>180. Secs (180 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=3</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>6</td> <td>(COS.sp.144 4850)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G160M 1577 A</td> <td>BUFFER-TIME=15 00; FP-POS=4</td> <td></td> <td></td> <td>195. Secs (195 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>											#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.											2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]
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Proposal 16196 - COS+1096+STIS (3J) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

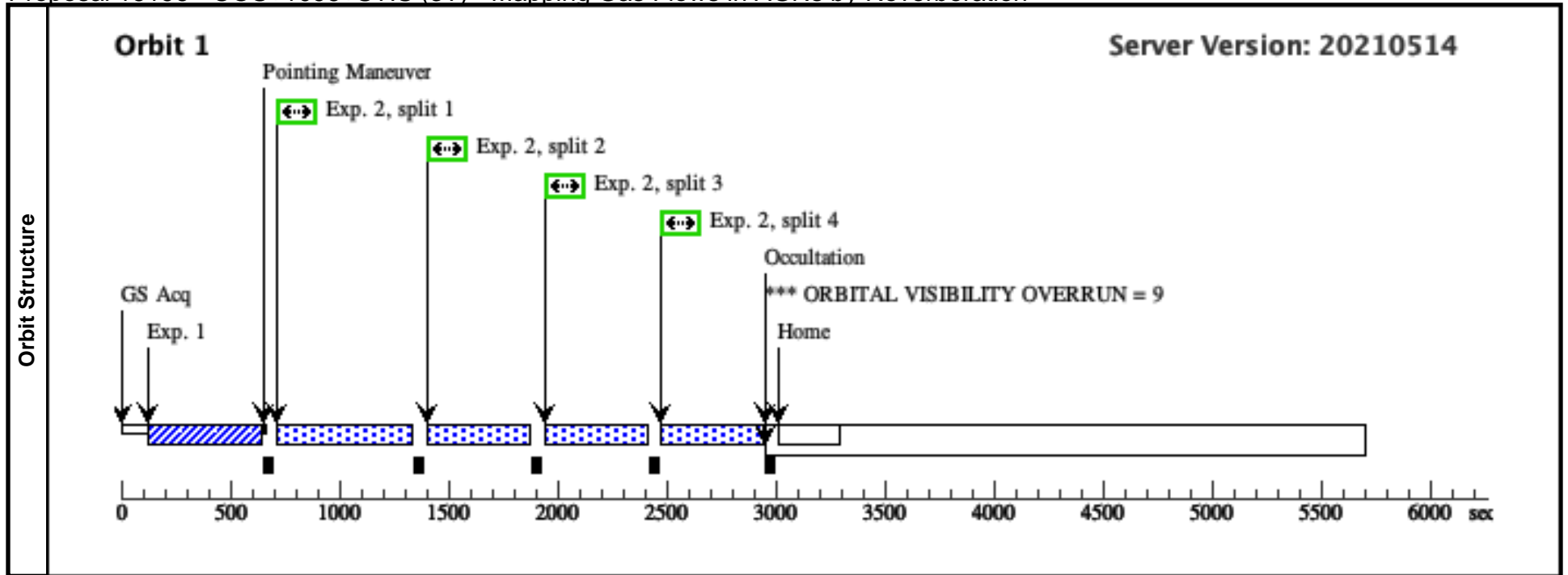
Visit	Proposal 16196, COS+1096+STIS (3J), failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 27-OCT-2021:03:17:34 AND 28-OCT-2021:03:17:34 Comments: We accept single-guide star acquisitions. This full broad band spectrum is for coordination with the XMM-Newton observation occurring on 27-28 October. Visit 3J (COS G130M/1222+G160M+G1300M/1096) is paired with visit 3K (STIS) to enable scheduling. The order of the visits does not matter, and they need not be contiguous. Each visit uses only COS or STIS and is two orbits long.									
	Fixed Targets									
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O ONEB1BE		140 Secs (140 Secs) [==>]	[1]
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - COS+1096+STIS (3T) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

Visit	<p>Proposal 16196, COS+1096+STIS (3T), failed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: SCHED 100%; BETWEEN 27-OCT-2021:03:17:34 AND 28-OCT-2021:03:17:34</p> <p><i>Comments: We accept single-guide star acquisitions. This full broad band spectrum is for coordination with the XMM-Newton observation occurring on 27-28 October. Visit 3J (COS G130M/1222+G160M+G1300M/1096) is paired with visit 3K (STIS) to enable scheduling. The order of the visits does not matter, and they need not be contiguous. Each visit uses only COS or STIS and is two orbits long.</i></p>																																							
	<p>(COS+1096+STIS (3T)) Warning (Orbit Planner): INVALID GS ACQ SCENARIO SPECIAL REQUIREMENT</p> <p>(COS+1096+STIS (3T)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p>																																							
Diagnosics																																								
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																		
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1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O ONEB1BE		140 Secs (140 Secs) [==>]	[1]																															
2	(COS.sp.147 2497)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1096 A	BUFFER-TIME=14 00; FP-POS=ALL	GS ACQ SCENARI O ONEB1BE		413 Secs (1652 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																															



Proposal 16196 - COS+1096+STIS (3K) - Mapping Gas Flows in AGNs by Reverberation

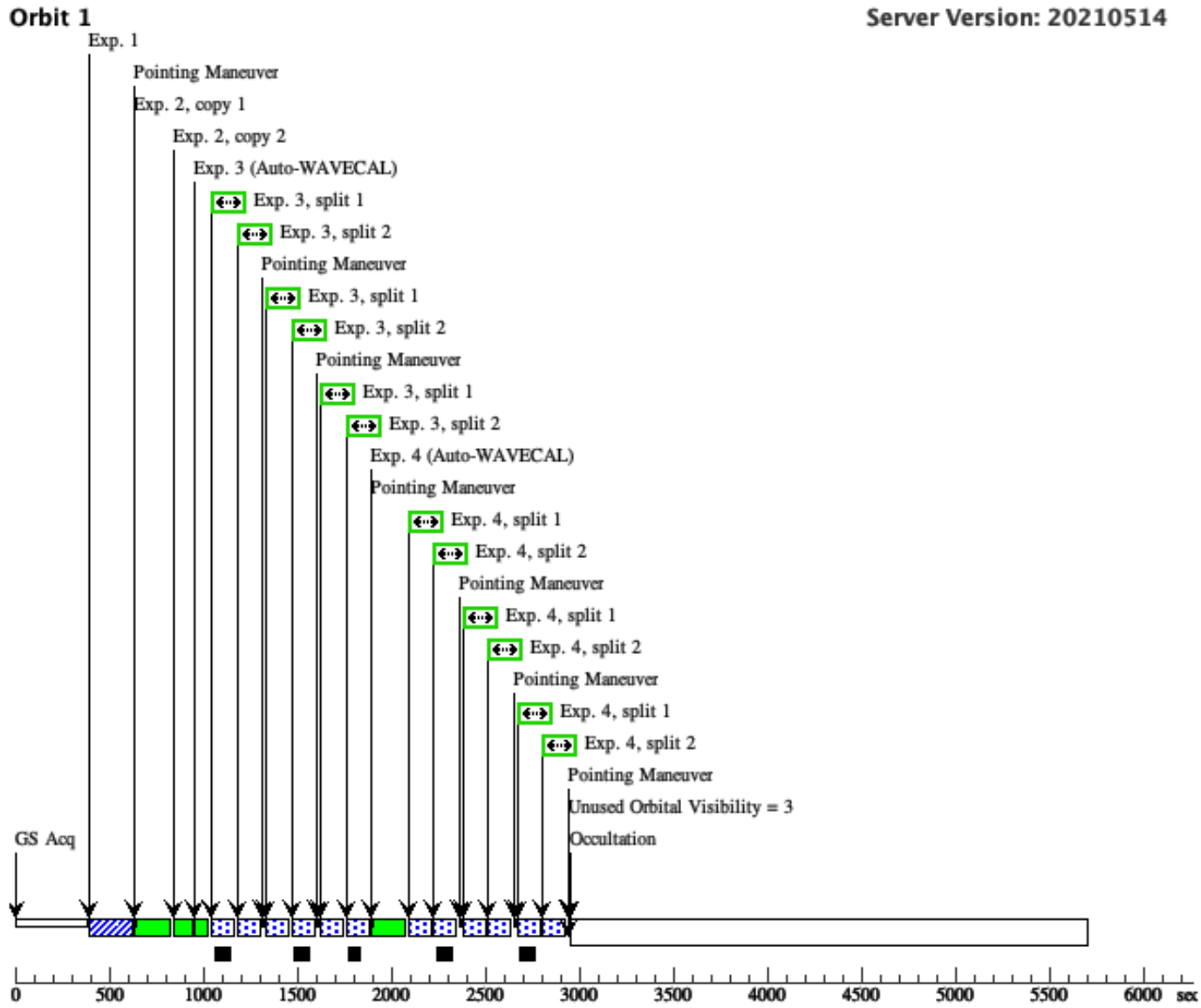
Wed Jan 12 18:05:50 GMT 2022

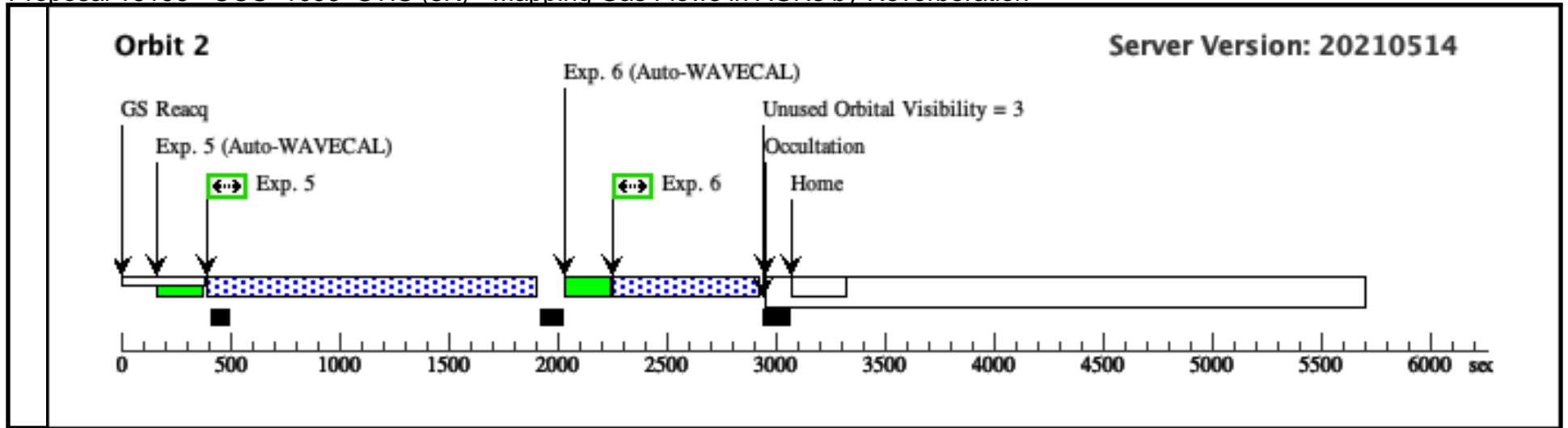
Visit	<p>Proposal 16196, COS+1096+STIS (3K), failed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA</p> <p>Special Requirements: SCHED 100%; BETWEEN 27-OCT-2021:03:17:34 AND 28-OCT-2021:03:17:34</p> <p><i>Comments: We accept single-guide star acquisitions. This full broad band spectrum is for coordination with the XMM-Newton observation occurring on 27-28 October. Visit 3J (COS G130M/1222+G160M+G1300M/1096) is paired with visit 3K (STIS) to enable scheduling. The order of the visits does not matter, and they need not be contiguous. Each visit uses only COS or STIS and is two orbits long.</i></p>					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=STIS-ALONG-SLIT Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90.0 Number Of Points=3 Angle Between Sides= Point Spacing=0.5 Center Pattern=false Line Spacing=		(3), (4)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</i></p>					

Proposal 16196 - COS+1096+STIS (3K) - Mapping Gas Flows in AGNs by Reverberation

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.147 0331)	(1) MRK-817	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs)	
									[==>]	[1]
	2		CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				[==>(Copy 1)] [==>(Copy 2)]	[1]
	3	(STIS.sp.14 46706)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 1, Exps 3-3 i n COS+1096+STIS (3K) (1)	175 Secs (525 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	4	(STIS.sp.14 46705)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	CR-SPLIT=2		Pattern 1, Exps 4-4 i n COS+1096+STIS (3K) (1)	175 Secs (525 Secs)	
								[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]	
5	(STIS.sp.14 46702)	(1) MRK-817	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A				1500 Secs (1500 Secs)		
								[==>]	[2]	
6	(STIS.sp.14 46702)	(1) MRK-817	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				660 Secs (660 Secs)		
								[==>]	[2]	

Orbit Structure

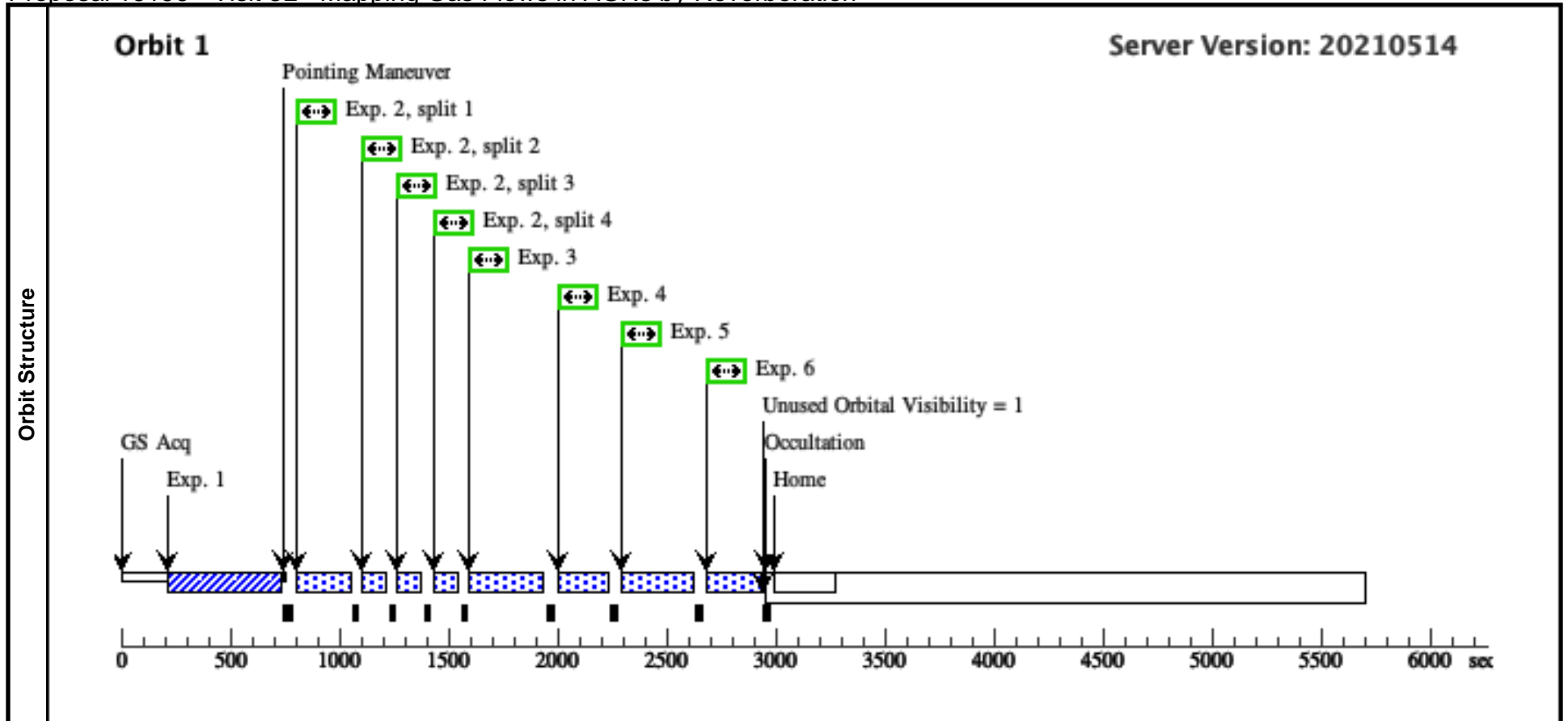




Proposal 16196 - Visit 3L - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

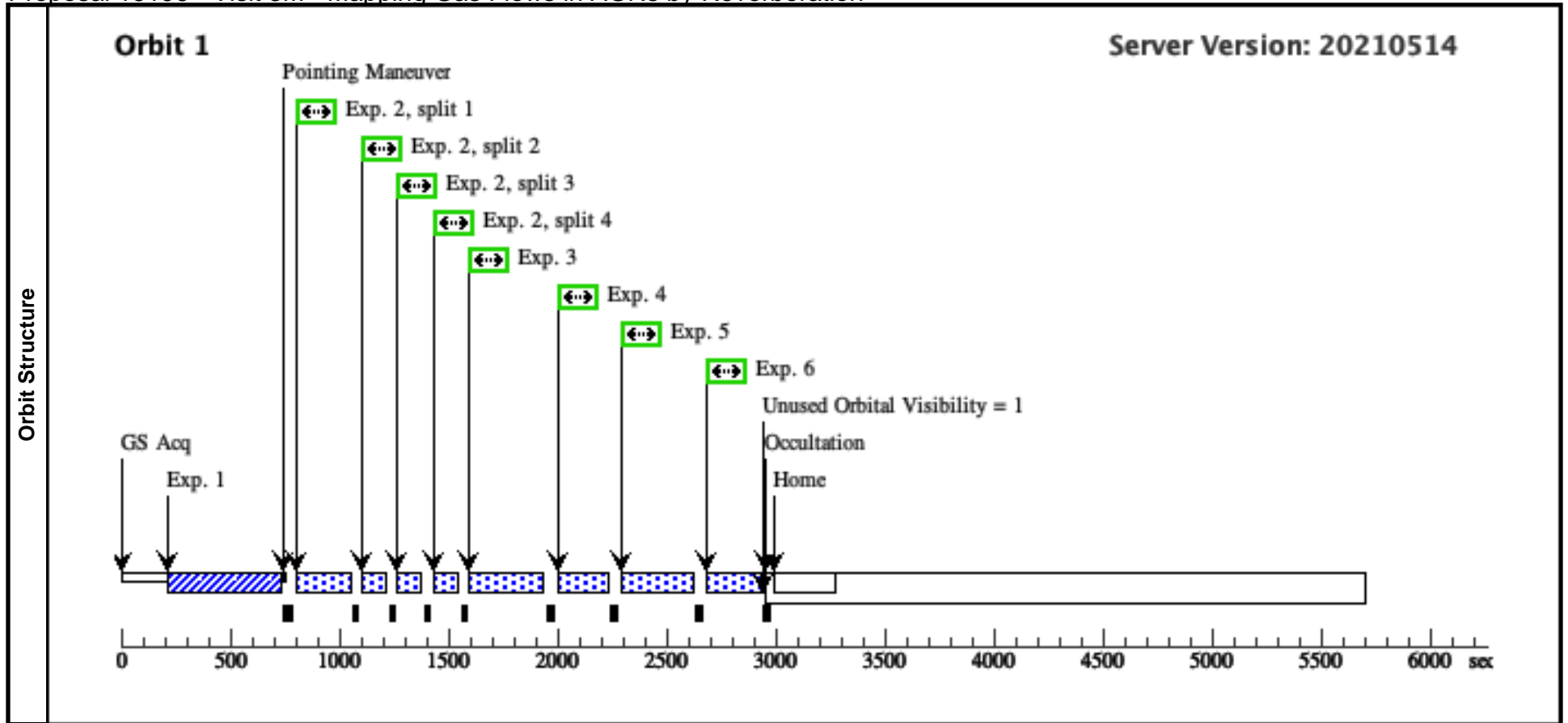
Visit	Proposal 16196, Visit 3L, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 08-FEB-2022:00:32:23 AND 09-FEB-2022:00:32:23 <i>Comments: We accept single-guide star acquisitions.</i>																						
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>											#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14
#		Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																		
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit													
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]													
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>																						
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]													
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]													
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]													
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]													
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]													



Proposal 16196 - Visit 3M - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:50 GMT 2022

Visit	Proposal 16196, Visit 3M, completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 29-NOV-2021:11:00:48 AND 30-NOV-2021:11:00:48 Comments: We accept single-guide star acquisitions.									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - COS+1096+STIS (3N) - Mapping Gas Flows in AGNs by Reverberation

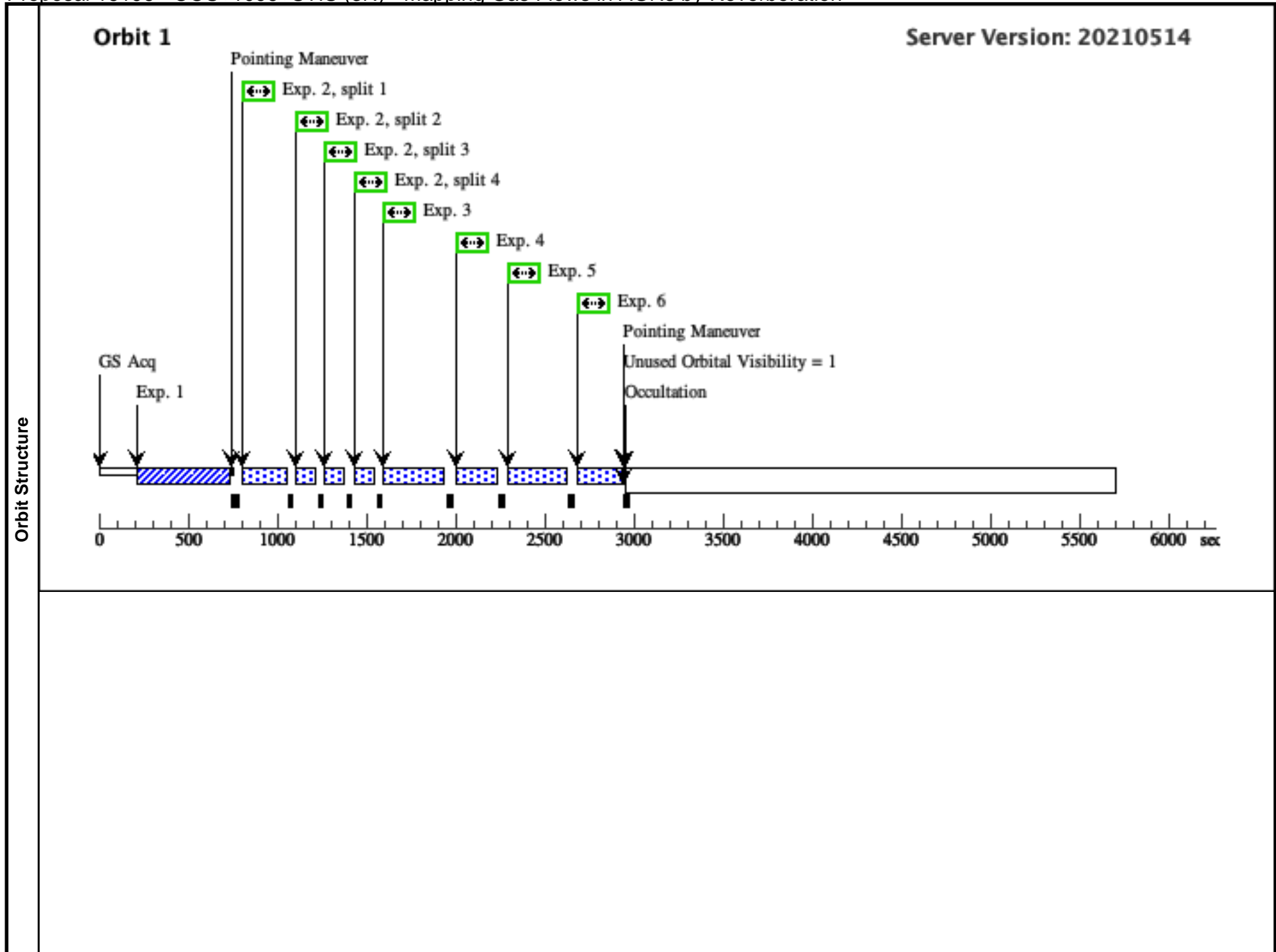
Visit	Proposal 16196, COS+1096+STIS (3N), completed Wed Jan 12 18:05:50 GMT 2022 Diagnostic Status: No Diagnostics Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 17-DEC-2020:12:00:00 AND 21-DEC-2020:12:00:00 Comments: 3-orbit visit including 2088 s with COS G130M/1096					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=STIS-ALONG-SLIT Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90.0 Number Of Points=3 Angle Between Sides= Point Spacing=0.5 Center Pattern=false Line Spacing=		(10), (11)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Proposal 16196 - COS+1096+STIS (3N) - Mapping Gas Flows in AGNs by Reverberation

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
Exposures	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA			140 Secs (140 Secs) [==>]	[1]
	<i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i>								
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL		60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1		175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2		180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3		195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4		195. Secs (195 Secs) [==>]	[1]
	7	(COS.sp.147 2497)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1096 A	BUFFER-TIME=14 00; FP-POS=ALL		522. Secs (2088 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]
	8	(STIS.ta.147 0331)	(1) MRK-817	STIS/CCD, ACQ, F28X50LP	MIRROR			1 Secs (1 Secs) [==>]	[3]
	9		CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A			[==>(Copy 1)] [==>(Copy 2)]	[3]
	10	(STIS.sp.14 46706)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2	Pattern 1, Exps 10-1 0 in COS+1096+STI S (3N) (1)	30 Secs (90 Secs) [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[3]
11	(STIS.sp.14 46705)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	CR-SPLIT=2	Pattern 1, Exps 11-1 1 in COS+1096+STI S (3N) (1)	30 Secs (90 Secs) [==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[3]	

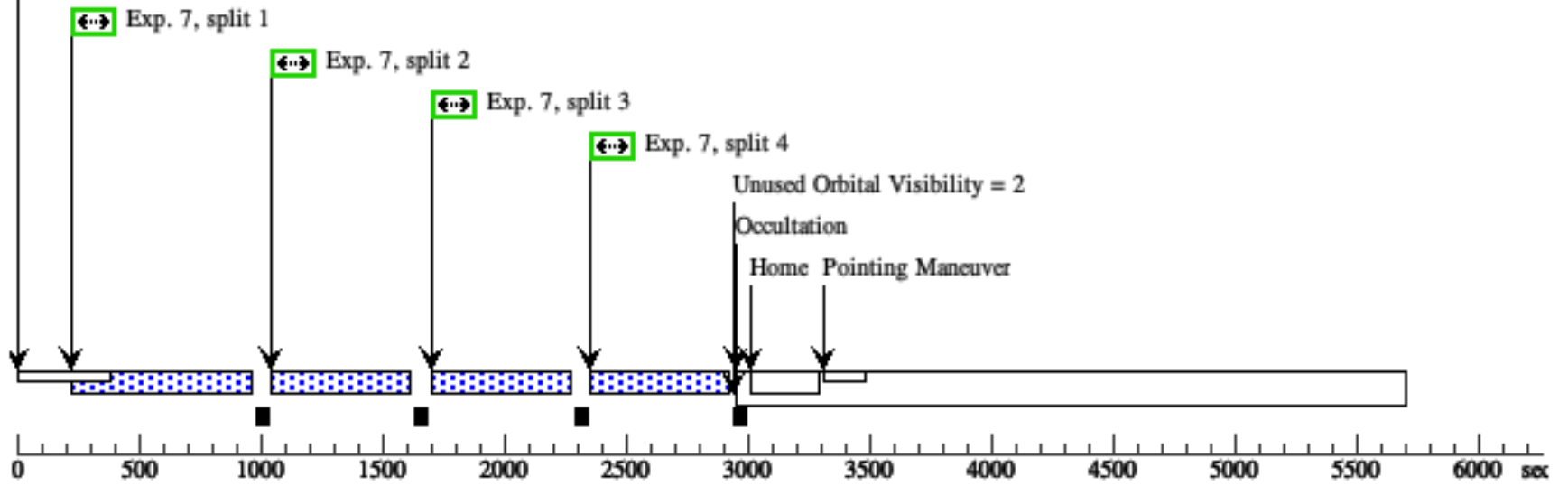
Proposal 16196 - COS+1096+STIS (3N) - Mapping Gas Flows in AGNs by Reverberation

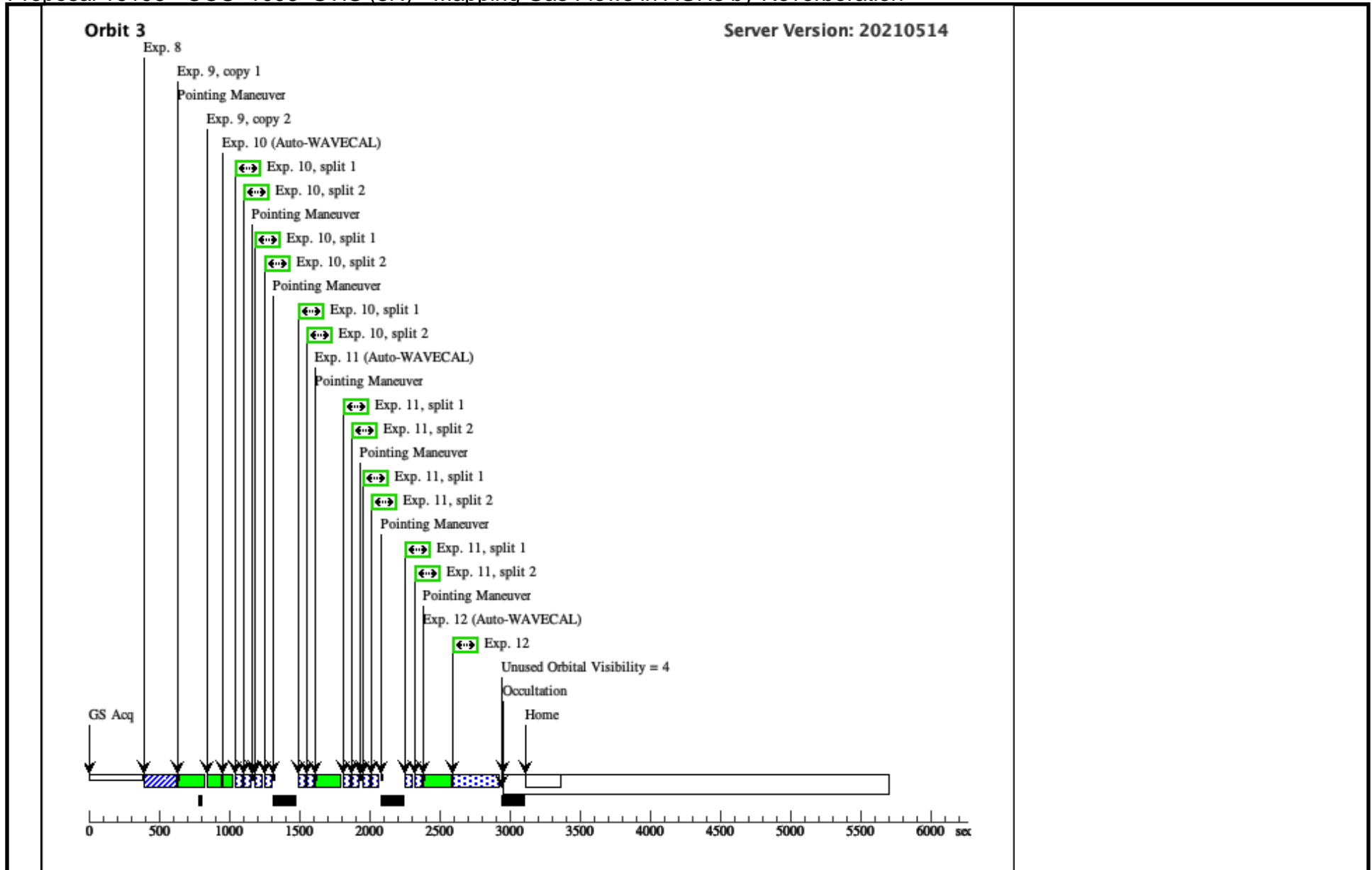
12	(STIS.sp.14 46702)	(1) MRK-817	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A	320 Secs (320 Secs)	
					[=>]	[3]



Orbit 2

GS Reacq

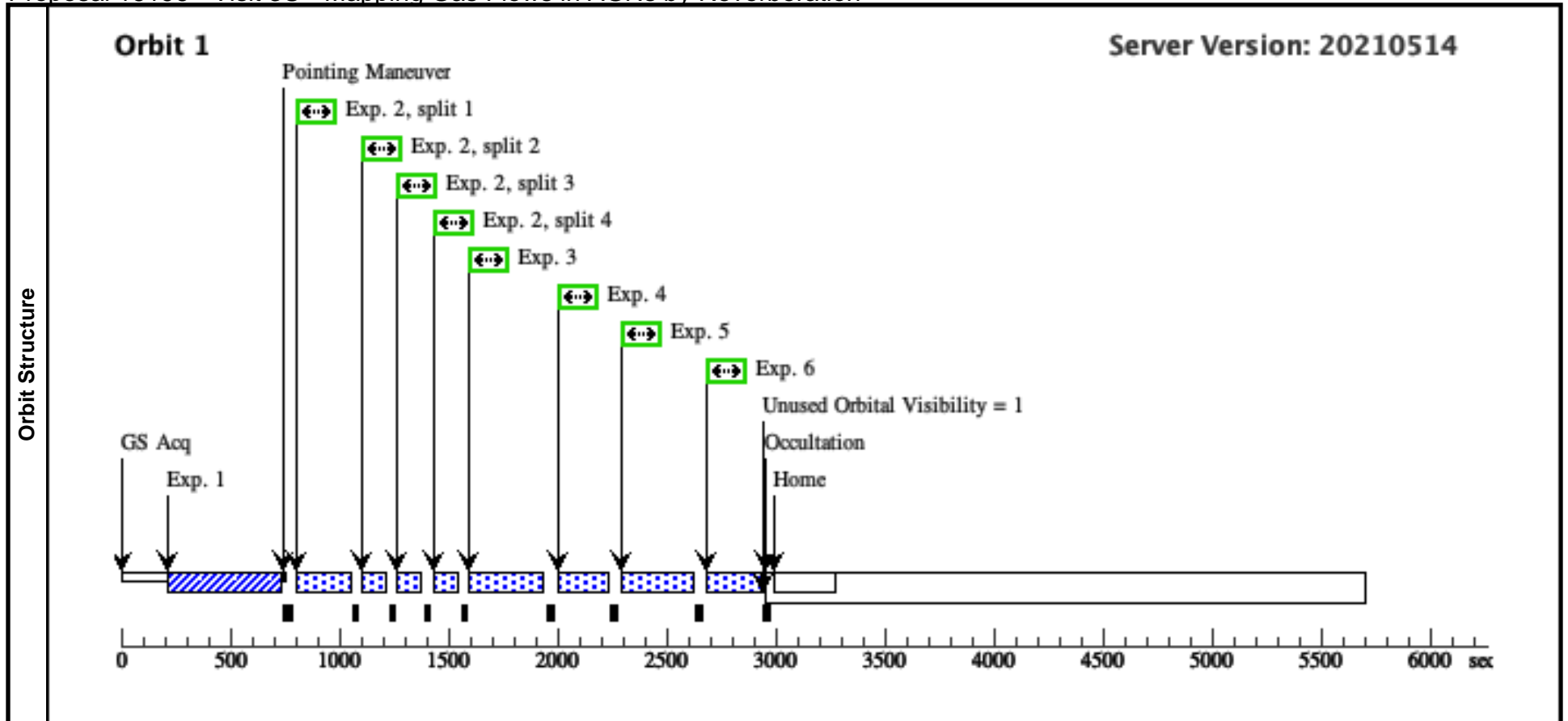




Proposal 16196 - Visit 3U - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

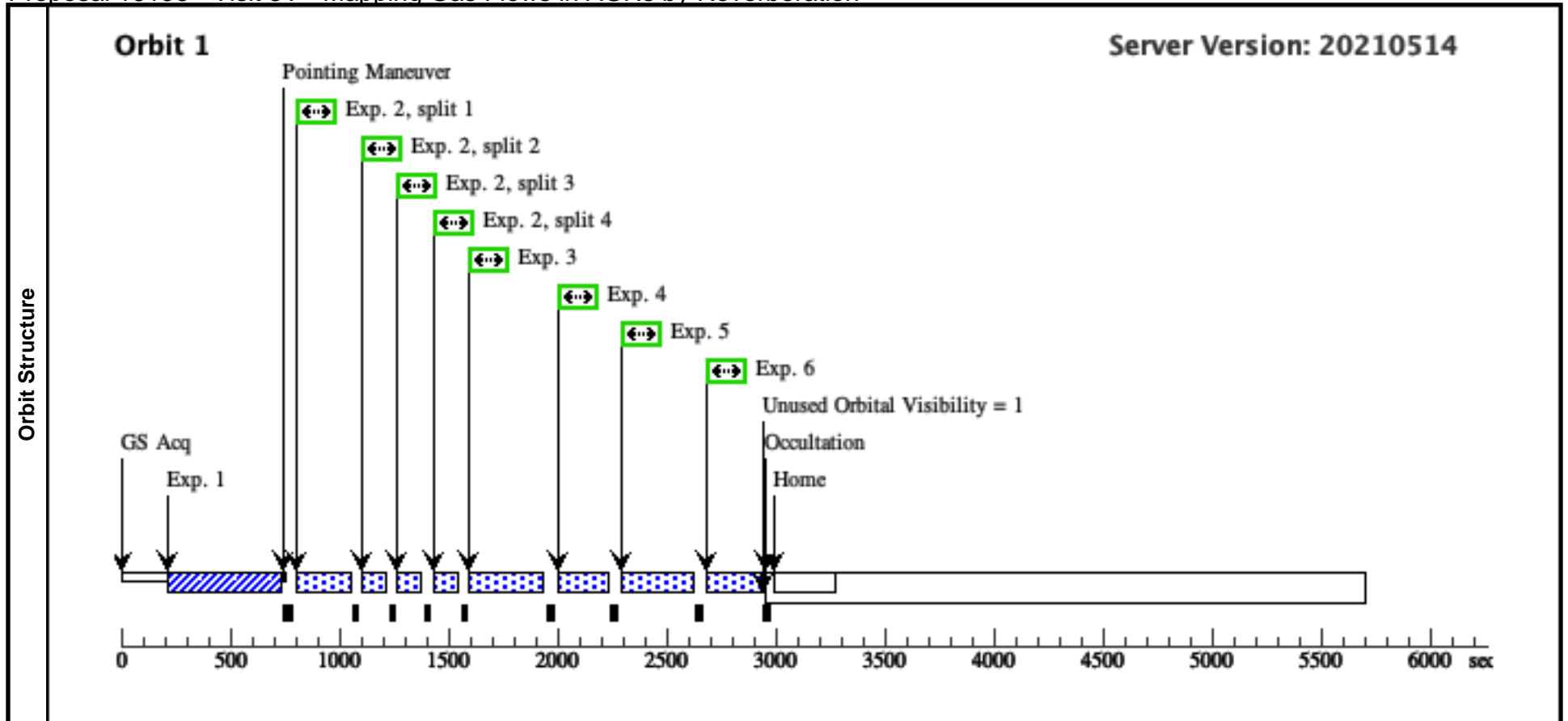
Visit	Proposal 16196, Visit 3U, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 09-FEB-2022:23:34:55 AND 10-FEB-2022:23:34:55 Comments: 2nd of 8 visits added to implement HOPR 92111. This visit, 3U, replaces failed visit 1J.																																																																																										
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO																																																																			
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	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																																																	
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Proposal 16196 - Visit 3V - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

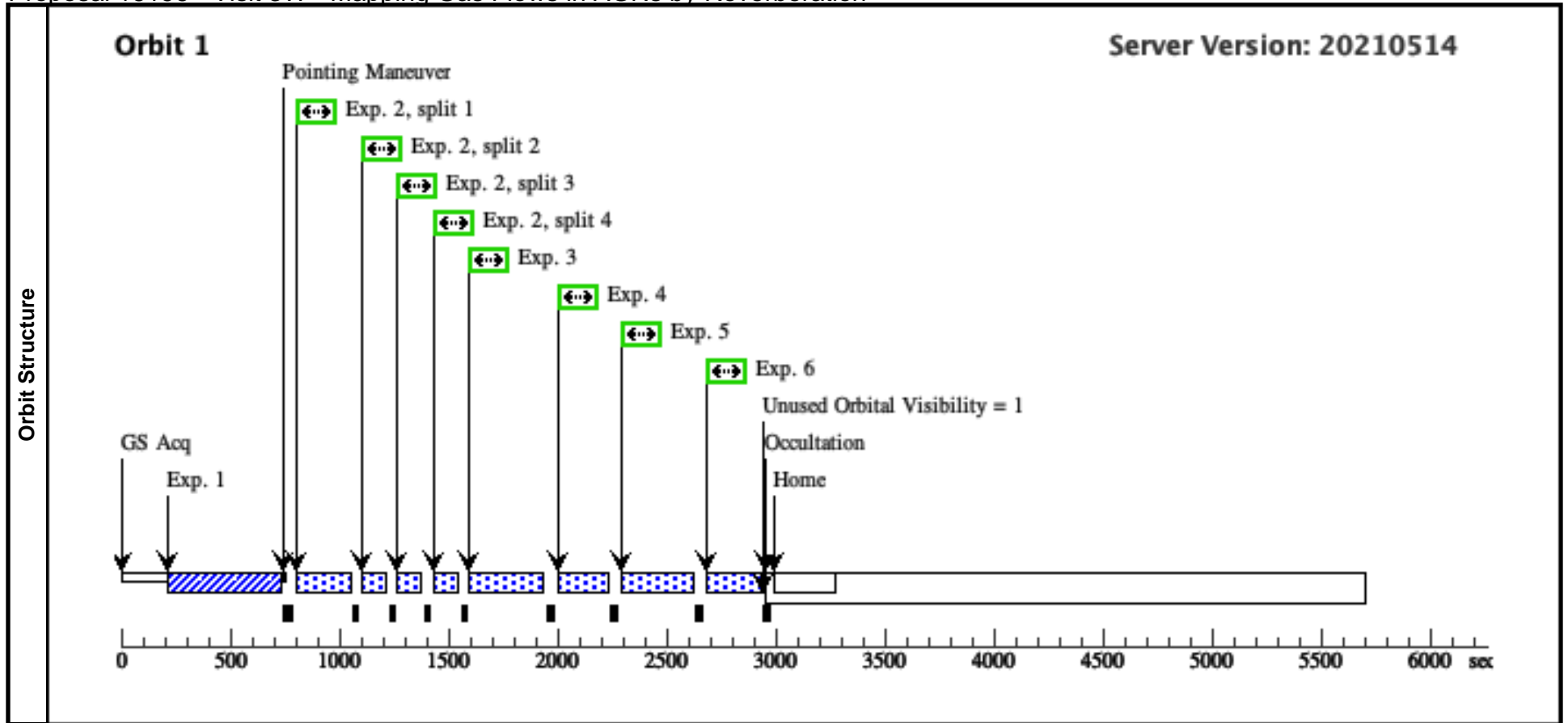
Visit	Proposal 16196, Visit 3V, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 11-FEB-2022:22:37:28 AND 12-FEB-2022:22:37:28 Comments: 3rd of 8 visits added to implement HOPR 92111, which replaces failed visit 1K.																
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14
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Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit							
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]							
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.																
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]							
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.; FP-POS=1			175. Secs (175 Secs) [==>]	[1]							
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]							
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]							
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]							



Proposal 16196 - Visit 3W - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

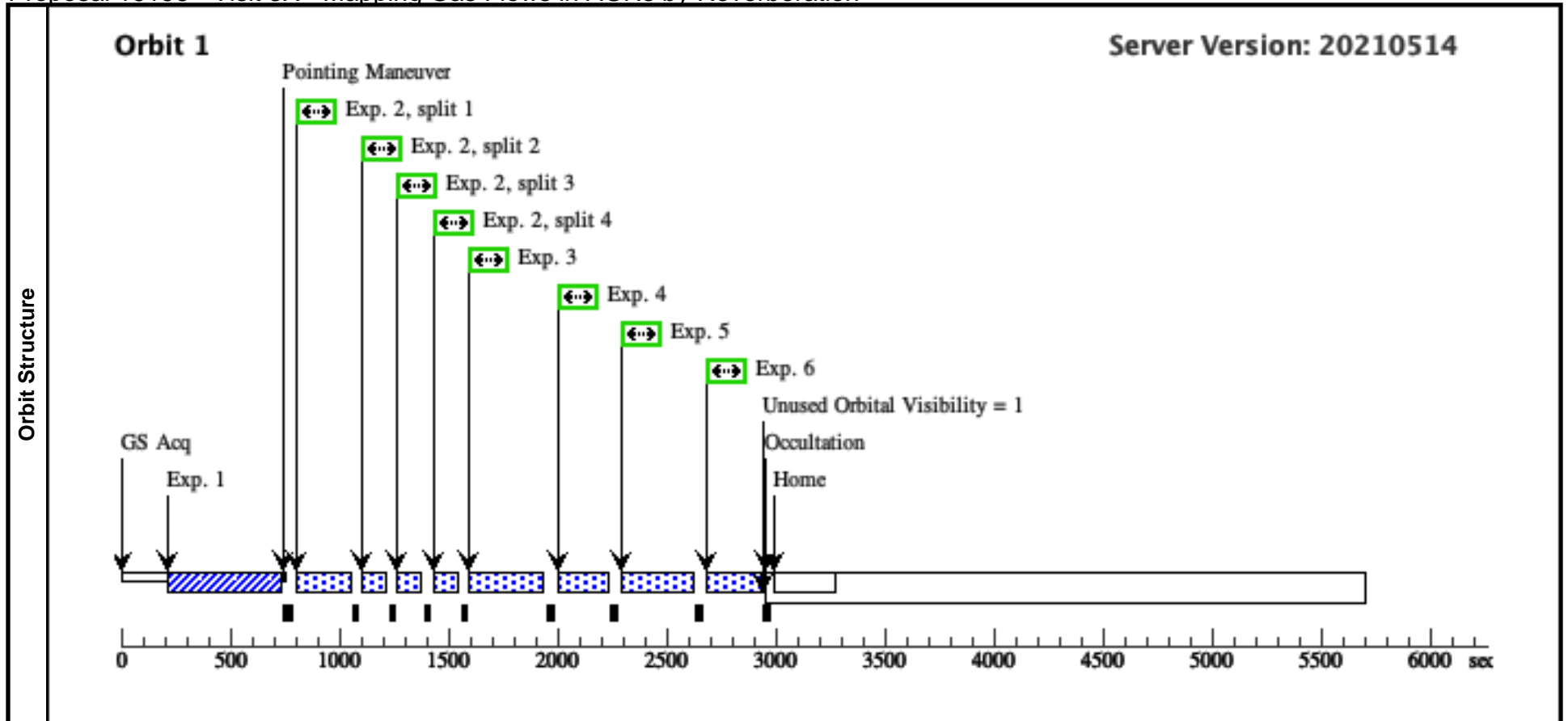
Visit	Proposal 16196, Visit 3W, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 13-FEB-2022:21:40:00 AND 14-FEB-2022:21:40:00 Comments: 4th of 8 visits added to implement HOPR 92111, which replaces failed visit 1L.									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.									
	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	3	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60.;; FP-POS=1			175. Secs (175 Secs) [==>]	[1]
	4	(COS.sp.144 4849)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=12 60; FP-POS=2			180. Secs (180 Secs) [==>]	[1]
	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - Visit 3X - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

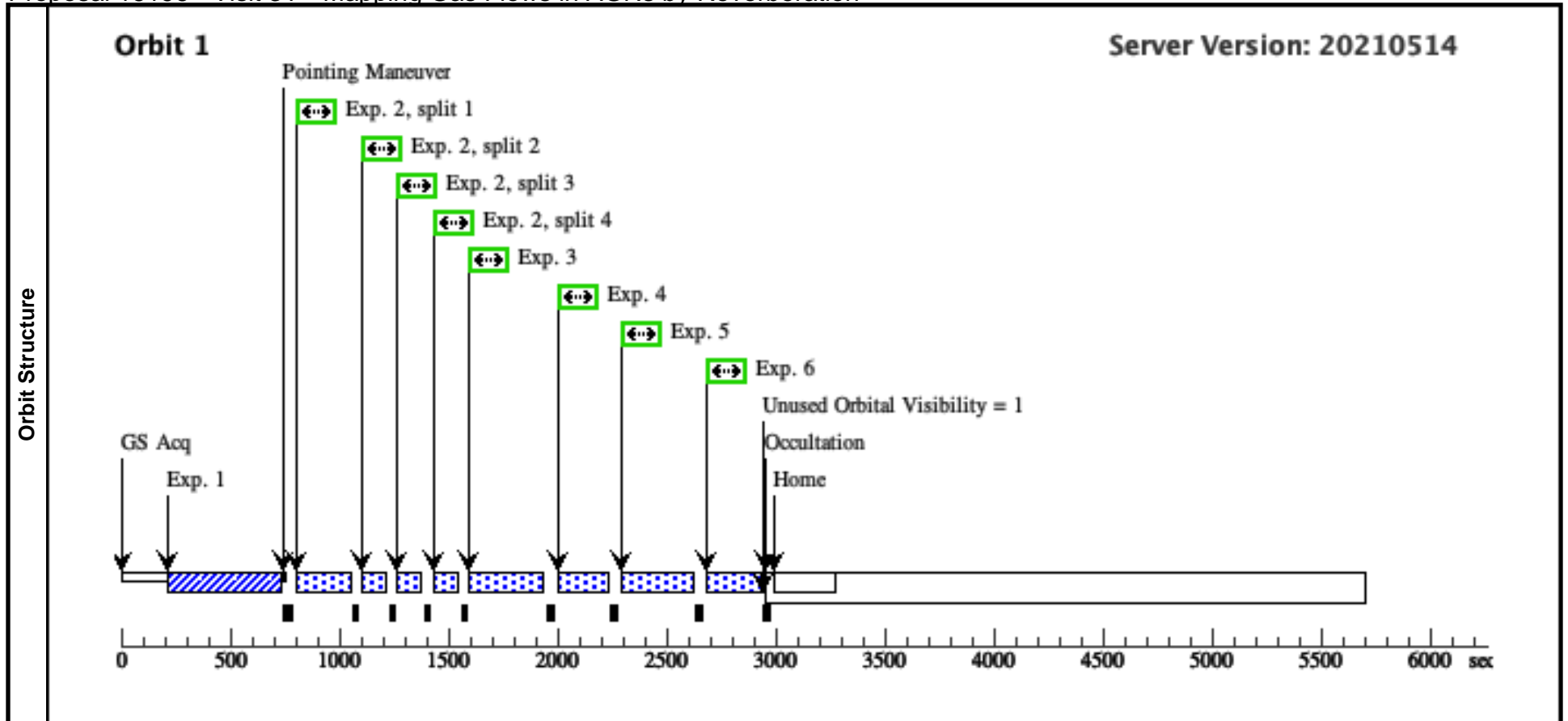
Visit	Proposal 16196, Visit 3X, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 15-FEB-2022:20:42:33 AND 16-FEB-2022:20:42:33 Comments: 5th of 8 visits added to implement HOPR 92111, which replaces failed visit 1R.																																																																																									
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Proposal 16196 - Visit 3Y - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

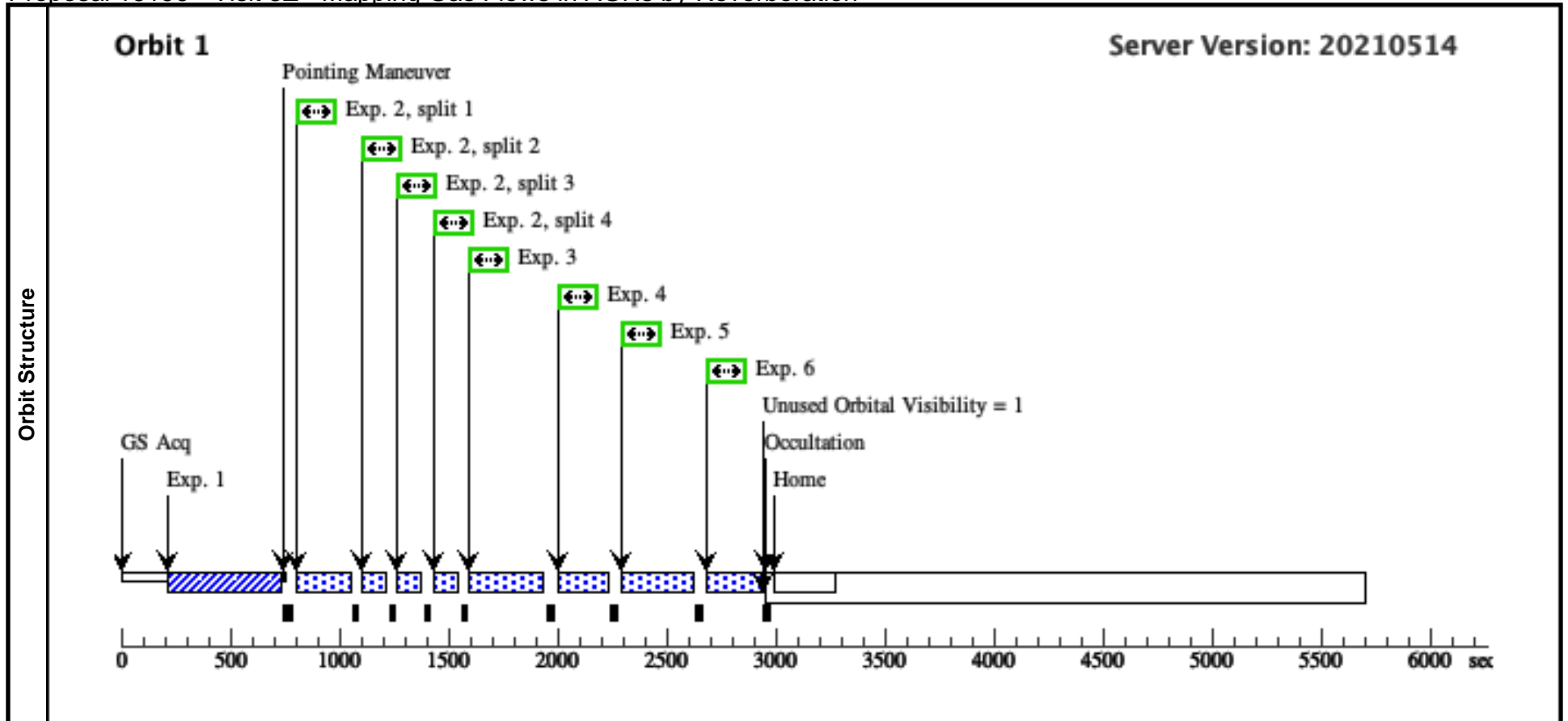
Visit	Proposal 16196, Visit 3Y, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 17-FEB-2022:19:45:06 AND 18-FEB-2022:19:45:06 Comments: 6th of 8 visits added to implement HOPR 92111, which replaces failed visit 1X.																																																																																										
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Proposal 16196 - Visit 3Z - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

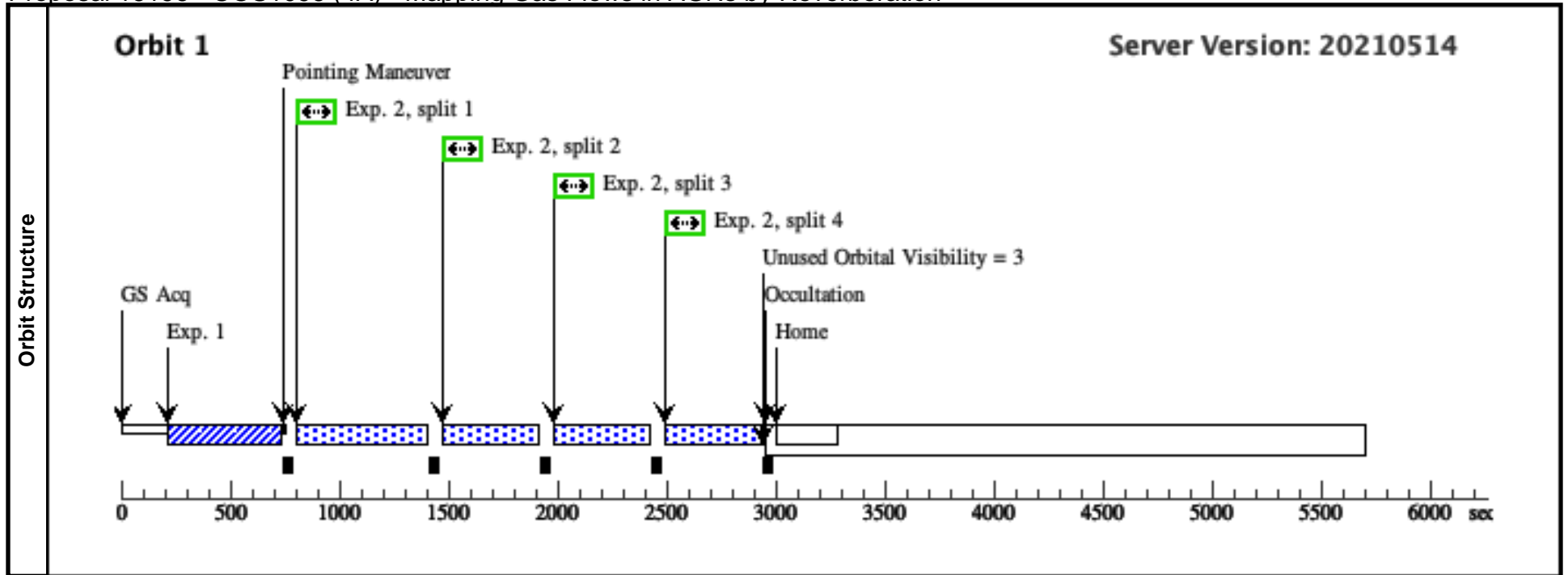
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	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS			
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	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]
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	2	(COS.sp.144 4848)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=82 0; FP-POS=ALL			60. Secs (240 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
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	5	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=3			195. Secs (195 Secs) [==>]	[1]
	6	(COS.sp.144 4850)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=15 00; FP-POS=4			195. Secs (195 Secs) [==>]	[1]



Proposal 16196 - COS1096 (4A) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

Visit	<p>Proposal 16196, COS1096 (4A), completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: SCHED 100%; BETWEEN 01-JAN-2022:18:44:02 AND 02-JAN-2022:18:44:02; GROUP 4A,2N,4B WITHIN 1D</p> <p><i>Comments: This visit replaces visit 3T, which was lost during the Oct/Nov safing. This visit is one of three grouped visits (0R, 4A, 4B) to use COS+STIS to obtain a full broad band spectrum. Pair Visit 0R (COS G130M/1222+G160M) with this visit using G130M/1096 and visit 4B (STIS) to enable scheduling. The order of the visits does not matter, and they need not be contiguous. Each visit uses only COS or STIS.</i></p>										
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
(1)		MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS					
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</i></p>											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs)		
										[==>]	[1]
<p><i>Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.</i></p>											
2	(COS.sp.147 2497)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1096 A	BUFFER-TIME=14 00; FP-POS=ALL				387 Secs (1548 Secs)		
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	



Proposal 16196 - STIS (4B) - Mapping Gas Flows in AGNs by Reverberation

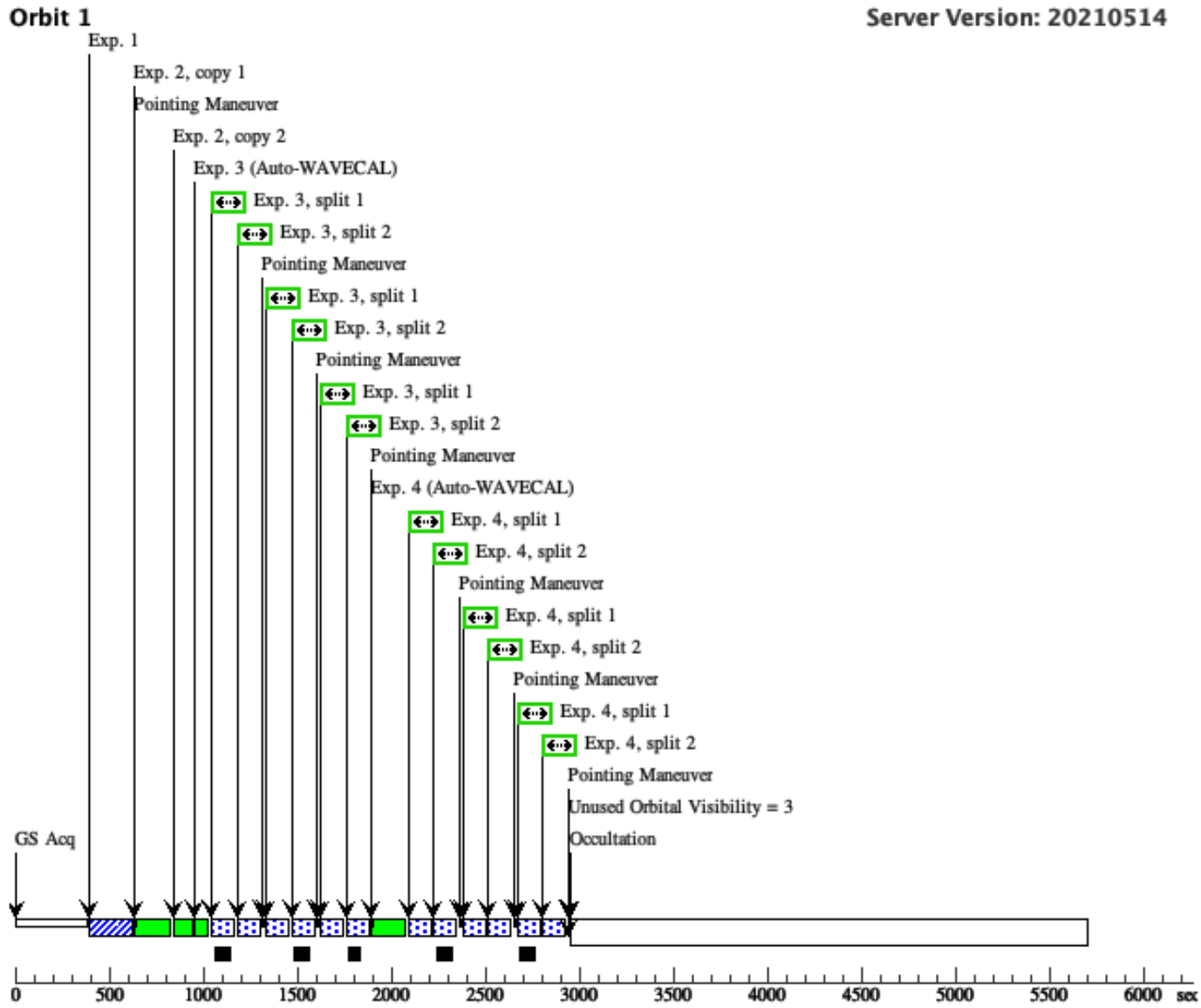
Wed Jan 12 18:05:51 GMT 2022

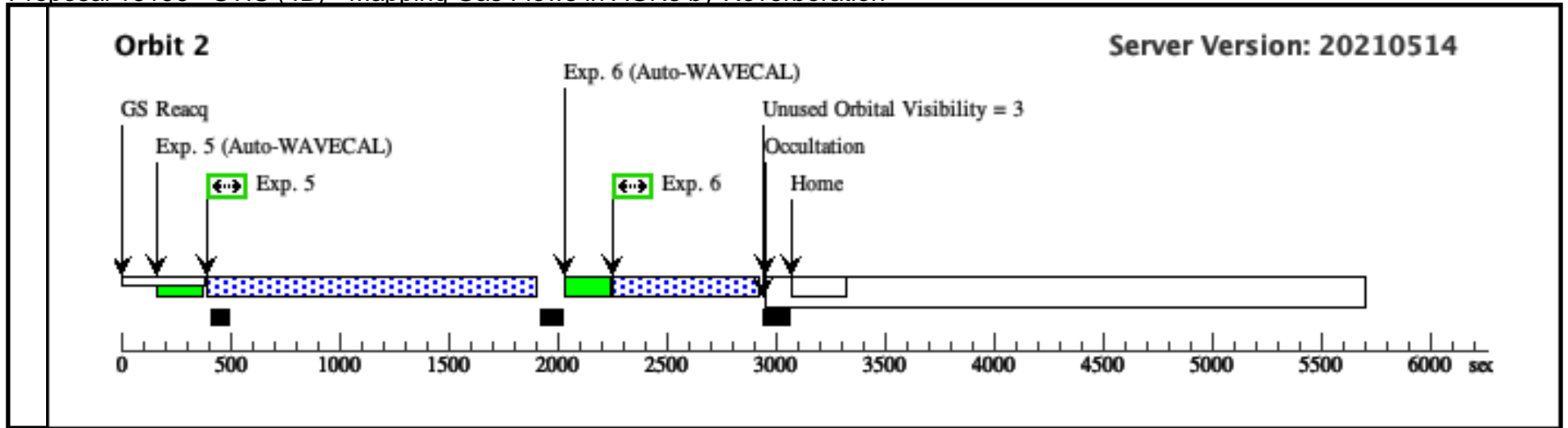
Visit	<p>Proposal 16196, STIS (4B), completed</p> <p>Diagnostic Status: No Diagnostics</p> <p>Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA</p> <p>Special Requirements: SCHED 100%; BETWEEN 01-JAN-2022:18:44:02 AND 02-JAN-2022:18:44:02; GROUP 4B,2N,4A WITHIN 1D</p> <p><i>Comments: This visit replaces visit 3K, which was lost during the Oct/Nov safing. This visit is one of three grouped visits (0R, 4A, 4B) to use COS+STIS to obtain a full broad band spectrum. Pair Visit 0R (COS G130M/1222+G160M) and 4A (G130M/1096) with this visit to enable scheduling. The order of the visits does not matter, and they need not be contiguous. Each visit uses only COS or STIS.</i></p>					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=STIS-ALONG-SLIT Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90.0 Number Of Points=3 Angle Between Sides= Point Spacing=0.5 Center Pattern=false Line Spacing=		(3), (4)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</i></p>					

Proposal 16196 - STIS (4B) - Mapping Gas Flows in AGNs by Reverberation

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.147 0331)	(1) MRK-817	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs)	
									[==>]	[1]
	2		CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				[==>(Copy 1)] [==>(Copy 2)]	[1]
	3	(STIS.sp.14 46706)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 1, Exps 3-3 i n STIS (4B) (1)	175 Secs (525 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	4	(STIS.sp.14 46705)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	CR-SPLIT=2		Pattern 1, Exps 4-4 i n STIS (4B) (1)	175 Secs (525 Secs)	
								[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]	
5	(STIS.sp.14 46702)	(1) MRK-817	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A				1500 Secs (1500 Secs)		
								[==>]	[2]	
6	(STIS.sp.14 46702)	(1) MRK-817	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				660 Secs (660 Secs)		
								[==>]	[2]	

Orbit Structure

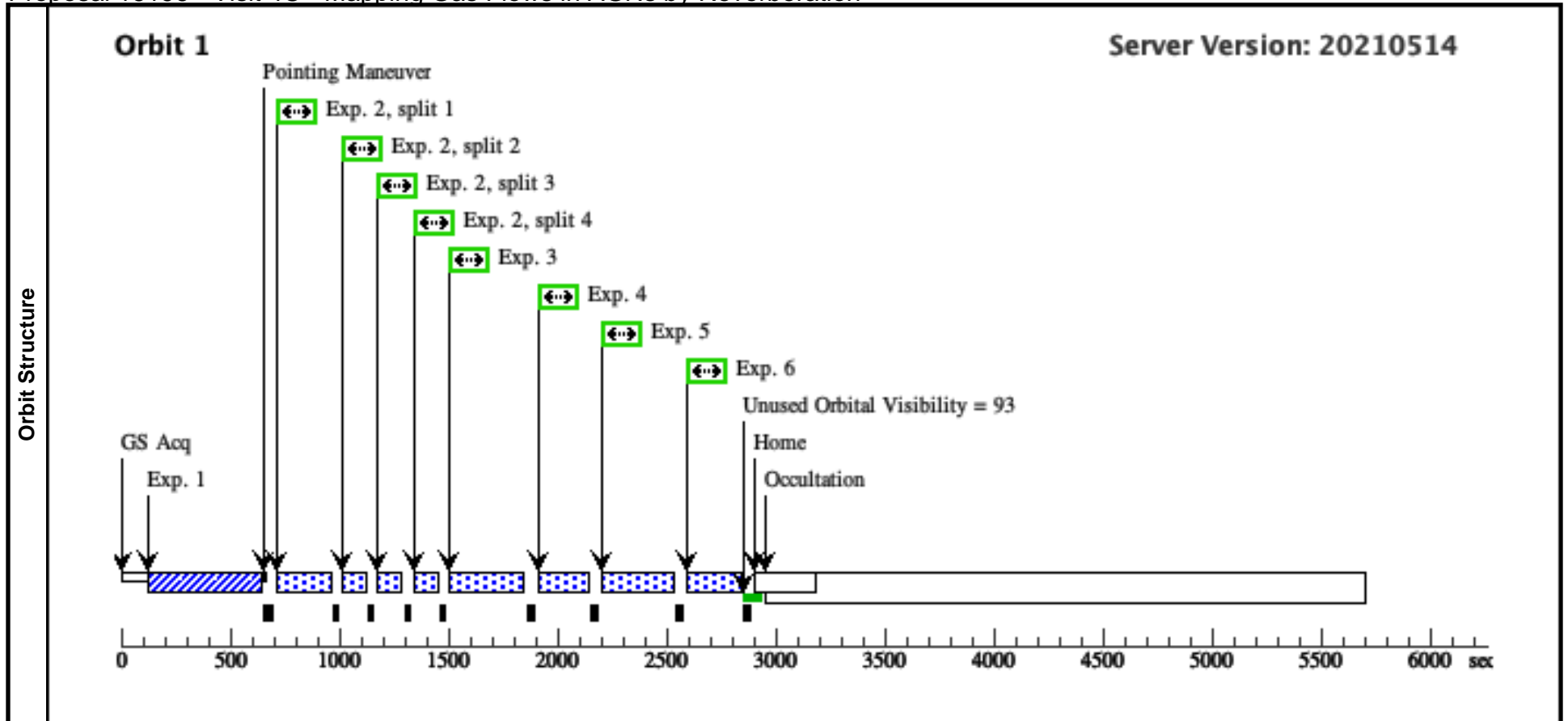




Proposal 16196 - Visit 4C - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

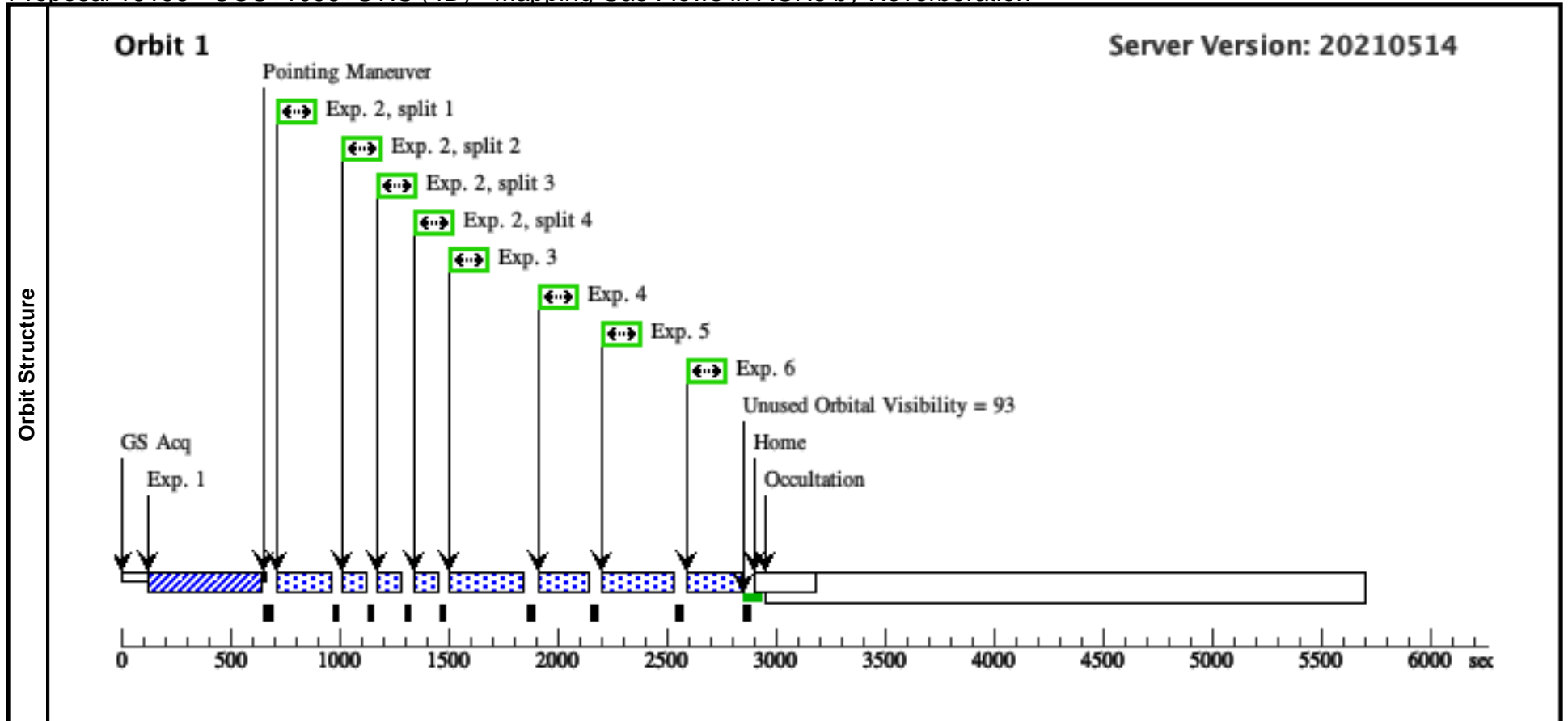
Visit	Proposal 16196, Visit 4C, scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 21-FEB-2022:17:50:11 AND 22-FEB-2022:17:50:11 <i>Comments: 8th of 8 visits added to implement HOPR 92111, which replaces failed visit 1Z.</i>																																																																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>MRK-817</td> <td>RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000</td> <td>Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455</td> <td>V=13.79 F(1397)=4.2e-14</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO</p>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS																																																																				
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Proposal 16196 - COS+1096+STIS (4D) - Mapping Gas Flows in AGNs by Reverberation

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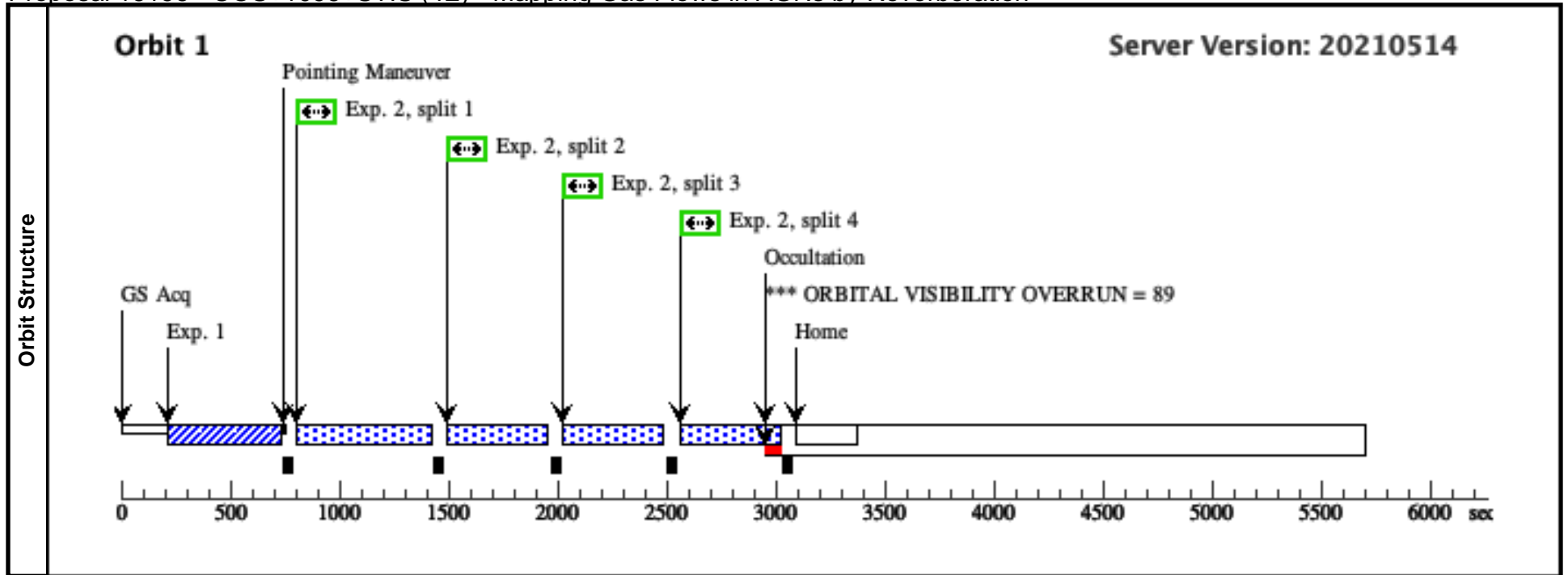
Visit	Proposal 16196, COS+1096+STIS (4D), implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 23-FEB-2022:16:52:44 AND 24-FEB-2022:16:52:44; GROUP 4D,4E,4F WITHIN 1D Comments: We accept single-guide star acquisitions. This visit replaces visit 3J, which was lost during the Oct/Nov safing. This visit is one of three grouped visits (4D, 4E, 4F) to use COS+STIS to obtain a full broad band spectrum. Pair Visit 4E (G130M/1096) with this visit and visit 4F (STIS) to enable scheduling. The order of the visits does not matter, and they need not be contiguous. Each visit uses only COS or STIS.																		
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Proposal 16196 - COS+1096+STIS (4E) - Mapping Gas Flows in AGNs by Reverberation

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Visit	Proposal 16196, COS+1096+STIS (4E), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 23-FEB-2022:16:52:44 AND 24-FEB-2022:16:52:44; GROUP 4E,4D,4F WITHIN 1D Comments: We accept single-guide star acquisitions. This visit replaces visit 3T, which was lost during the Oct/Nov safing. This visit is one of three grouped visits (4D, 4E, 4F) to use COS+STIS to obtain a full broad band spectrum. Pair Visit 4D (G130M/1222+G160M) with this visit (G130M/1096) and visit 4F (STIS) to enable scheduling. The order of the visits does not matter, and they need not be contiguous. Each visit uses only COS or STIS.																																			
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>(COS.ta.144 6747)</td> <td>(1) MRK-817</td> <td>COS/NUV, ACQ/IMAGE, BOA</td> <td>MIRRORA</td> <td></td> <td></td> <td></td> <td>140 Secs (140 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>(COS.sp.147 2497)</td> <td>(1) MRK-817</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1096 A</td> <td>BUFFER-TIME=14 00; FP-POS=ALL</td> <td></td> <td></td> <td>410 Secs (1640 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]	2	(COS.sp.147 2497)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1096 A	BUFFER-TIME=14 00; FP-POS=ALL			410 Secs (1640 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	Comments: We use a conservatively long acquisition time (based on a flux lvl of 0.6e-14, half the previously observed minimum) to guard against an acquisition failure in case the target is in an unexpectedly low-flux state.				
	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																										
1	(COS.ta.144 6747)	(1) MRK-817	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				140 Secs (140 Secs) [==>]	[1]																											
2	(COS.sp.147 2497)	(1) MRK-817	COS/FUV, TIME-TAG, PSA	G130M 1096 A	BUFFER-TIME=14 00; FP-POS=ALL			410 Secs (1640 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																											



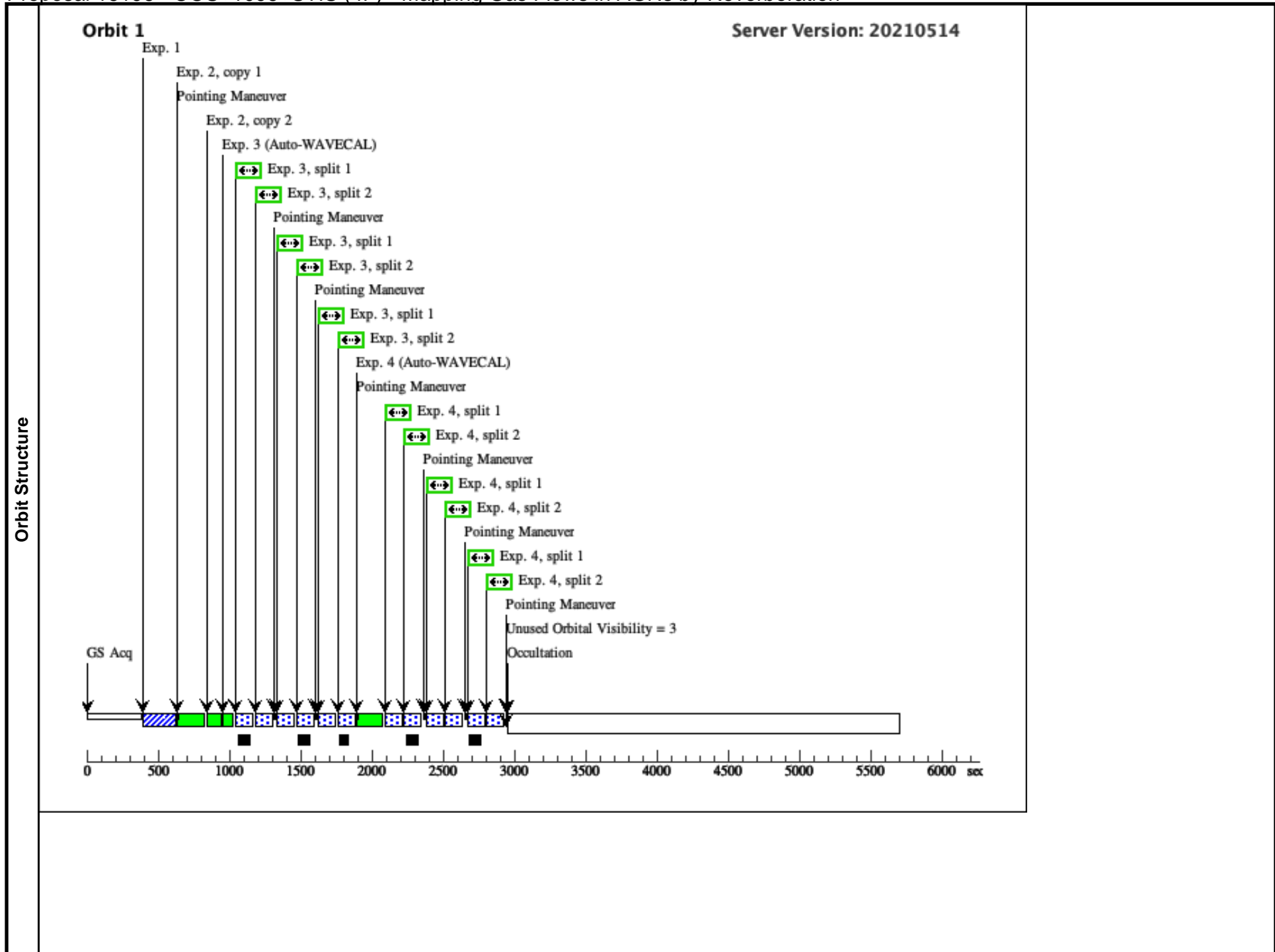
Proposal 16196 - COS+1096+STIS (4F) - Mapping Gas Flows in AGNs by Reverberation

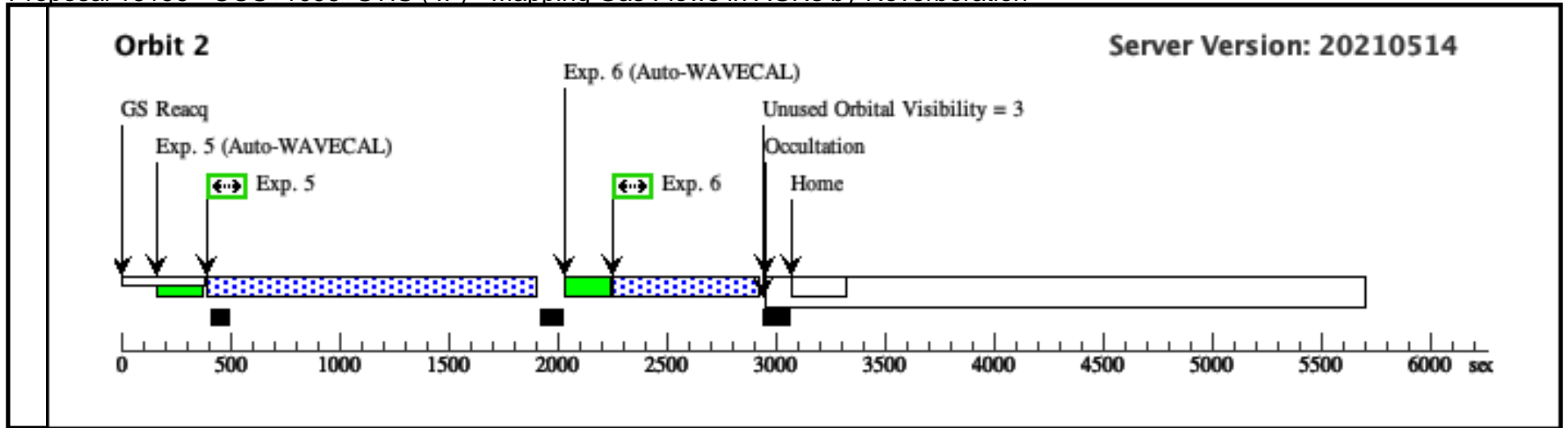
Wed Jan 12 18:05:51 GMT 2022

Visit	Proposal 16196, COS+1096+STIS (4F), implementation Diagnostic Status: No Diagnostics Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS/FUV-MAMA Special Requirements: SCHED 100%; BETWEEN 23-FEB-2022:16:52:44 AND 24-FEB-2022:16:52:44 Comments: We accept single-guide star acquisitions. This visit replaces visit 3K, which were lost during the Oct/Nov safing. This visit is one of three grouped visits (4D, 4E, 4F) to use COS+STIS to obtain a full broad band spectrum. Pair Visit 4D (G130M/1222+G160M) with this visit (STIS) and visit 4E (G130M/1096) to enable scheduling. The order of the visits does not matter, and they need not be contiguous. Each visit uses only COS or STIS.					
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures	
	(1)	Pattern Type=STIS-ALONG-SLIT Coordinate Frame=POS-TARG Purpose=DITHER Pattern Orientation=90.0 Number Of Points=3 Angle Between Sides= Point Spacing=0.5 Center Pattern=false Line Spacing=		(3), (4)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	MRK-817	RA: 14 36 22.0821 (219.0920087d) Dec: +58 47 39.39 (58.79427d) Equinox: J2000	Proper Motion RA: 5.661576547362521E-6 sec of time/yr Proper Motion Dec: -6.500006293208571E-5 arcsec/yr Epoch of Position: 2015.5 Redshift: 0.031455	V=13.79 F(1397)=4.2e-14	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[ACCRETION DISK, BLR, NUCLEUS, SEYFERT, WIND] Extended=NO					

Proposal 16196 - COS+1096+STIS (4F) - Mapping Gas Flows in AGNs by Reverberation

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(STIS.ta.147 0331)	(1) MRK-817	STIS/CCD, ACQ, F28X50LP	MIRROR				1 Secs (1 Secs)	
									[==>]	[1]
	2		CCDFLAT	STIS/CCD, ACCUM, 0.3X0.09	G750L 7751 A				[==>(Copy 1)] [==>(Copy 2)]	[1]
	3	(STIS.sp.14 46706)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G750L 7751 A	CR-SPLIT=2		Pattern 1, Exps 3-3 i n COS+1096+STIS (4F) (1)	175 Secs (525 Secs)	
									[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]
	4	(STIS.sp.14 46705)	(1) MRK-817	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A	CR-SPLIT=2		Pattern 1, Exps 4-4 i n COS+1096+STIS (4F) (1)	175 Secs (525 Secs)	
								[==>(Pattern 1, Split 1)] [==>(Pattern 1, Split 2)] [==>(Pattern 2, Split 1)] [==>(Pattern 2, Split 2)] [==>(Pattern 3, Split 1)] [==>(Pattern 3, Split 2)]	[1]	
5	(STIS.sp.14 46702)	(1) MRK-817	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A				1500 Secs (1500 Secs)		
								[==>]	[2]	
6	(STIS.sp.14 46702)	(1) MRK-817	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				660 Secs (660 Secs)		
								[==>]	[2]	

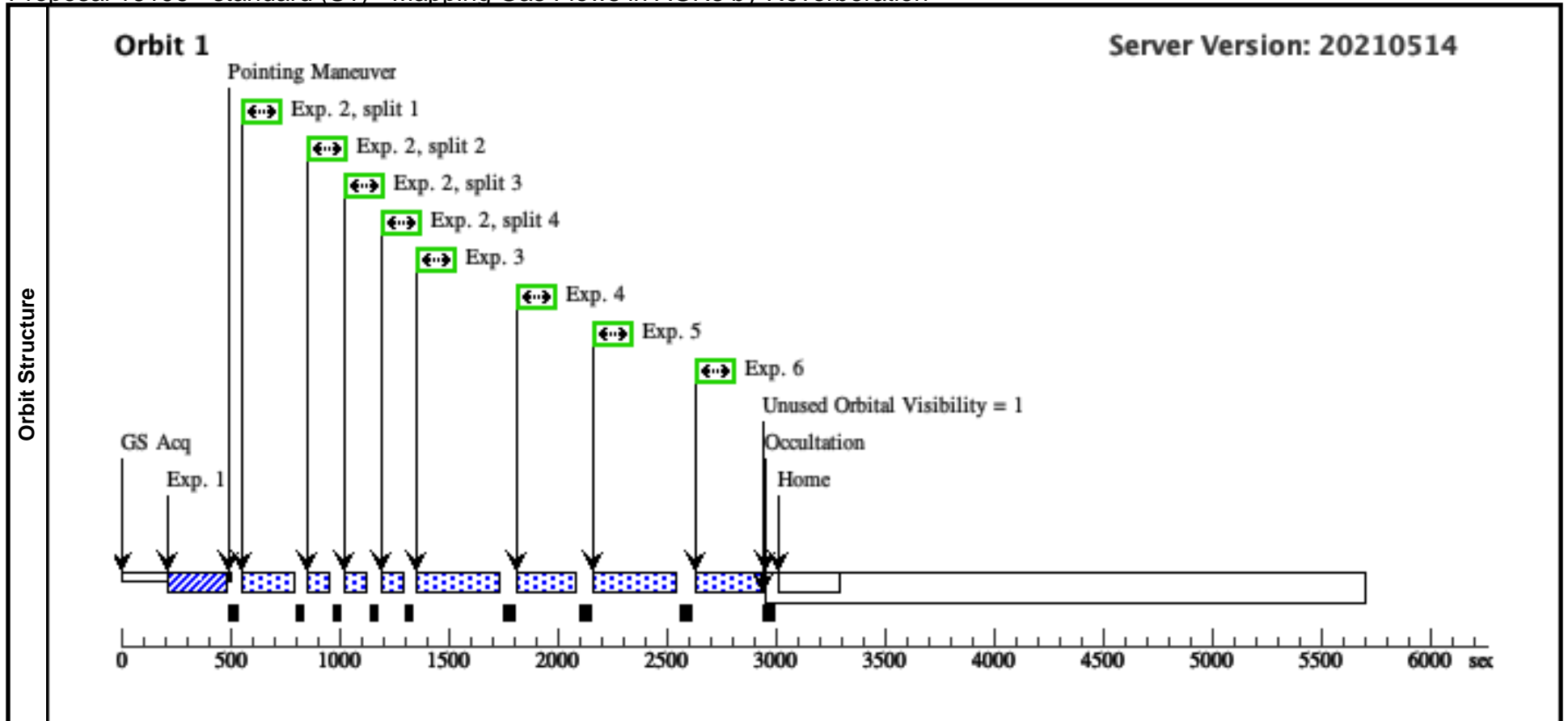




Proposal 16196 - standard (S1) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

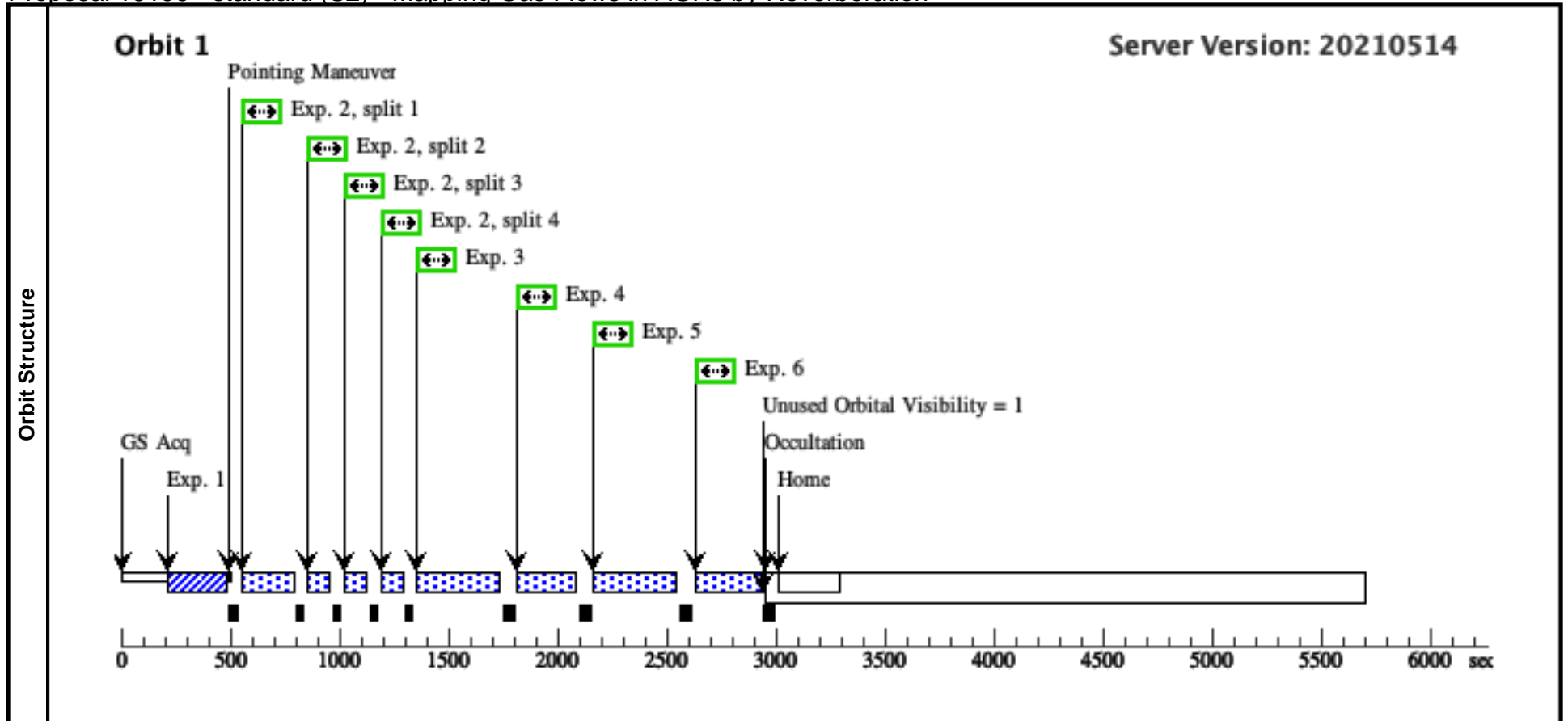
Visit	Proposal 16196, standard (S1), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 22-NOV-2020:00:00:00 AND 05-DEC-2020:00:00:00																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>WD0308-565</td> <td>RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000</td> <td>Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000</td> <td>V=14.07+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i> </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS	<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS																							
<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.144 6712)	(2) WD0308-565	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				15 Secs (15 Secs) [==>]	[1]																		
	2	(COS.sp.144 4866)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=30 0; FP-POS=ALL			52 Secs (208 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																		
	3	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=1			215 Secs (215 Secs) [==>]	[1]																		
	4	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=2			215 Secs (215 Secs) [==>]	[1]																		
	5	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=3			250 Secs (250 Secs) [==>]	[1]																		
	6	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=4			250 Secs (250 Secs) [==>]	[1]																		



Proposal 16196 - standard (S2) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

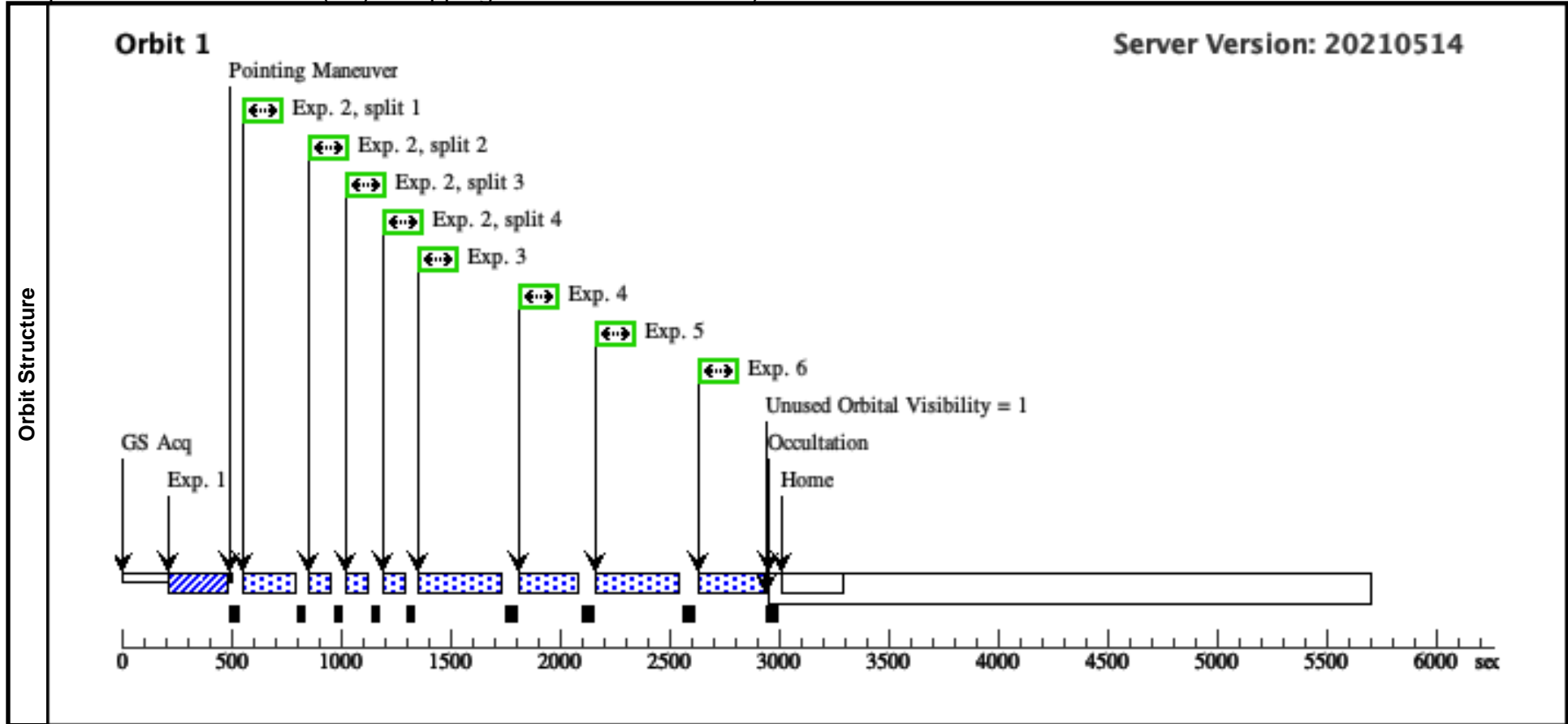
Visit	Proposal 16196, standard (S2), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 20-DEC-2020:00:00:00 AND 02-JAN-2021:00:00:00																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>WD0308-565</td> <td>RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000</td> <td>Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000</td> <td>V=14.07+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i> </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS	<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS																							
<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.144 6712)	(2) WD0308-565	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				15 Secs (15 Secs) [==>]	[1]																		
	2	(COS.sp.144 4866)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=30 0; FP-POS=ALL			52 Secs (208 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																		
	3	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=1			215 Secs (215 Secs) [==>]	[1]																		
	4	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=2			215 Secs (215 Secs) [==>]	[1]																		
	5	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=3			250 Secs (250 Secs) [==>]	[1]																		
	6	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=4			250 Secs (250 Secs) [==>]	[1]																		



Proposal 16196 - standard (S3) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

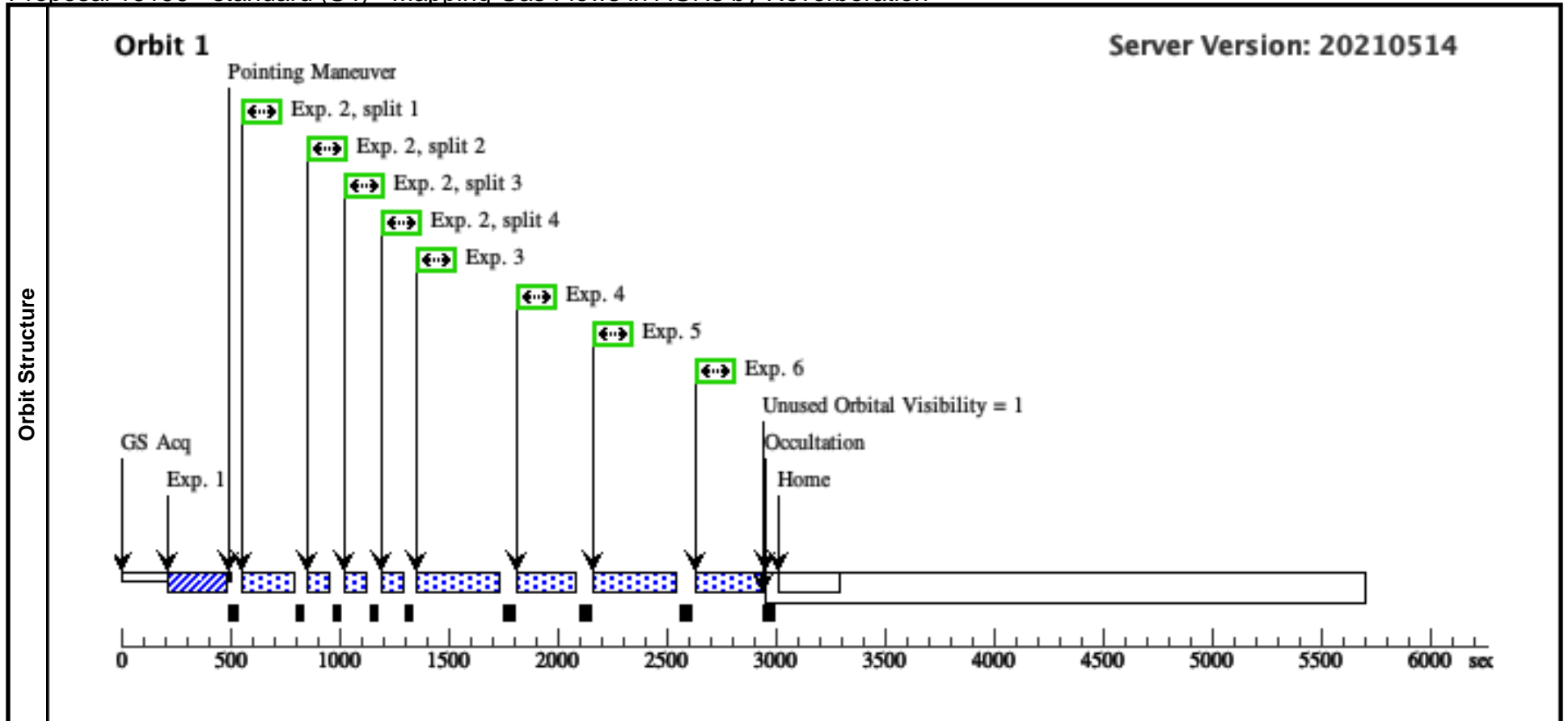
Visit	Proposal 16196, standard (S3), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 17-JAN-2021:00:00:00 AND 30-JAN-2021:00:00:00																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>WD0308-565</td> <td>RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000</td> <td>Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000</td> <td>V=14.07+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i> </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS	<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS																							
<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.144 6712)	(2) WD0308-565	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				15 Secs (15 Secs) [==>]	[1]																		
	2	(COS.sp.144 4866)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=30 0; FP-POS=ALL			52 Secs (208 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																		
	3	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=1			215 Secs (215 Secs) [==>]	[1]																		
	4	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=2			215 Secs (215 Secs) [==>]	[1]																		
	5	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=3			250 Secs (250 Secs) [==>]	[1]																		
	6	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=4			250 Secs (250 Secs) [==>]	[1]																		



Proposal 16196 - standard (S4) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

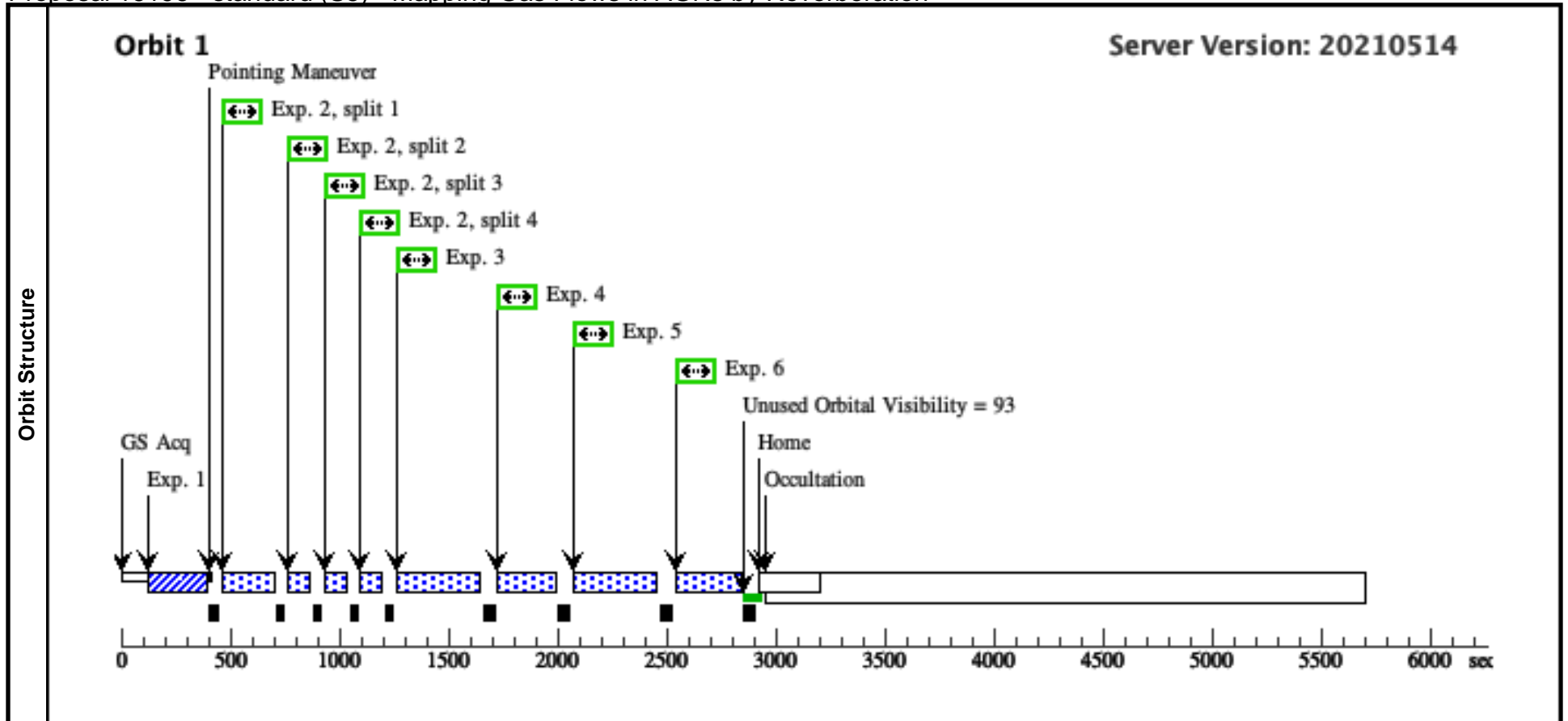
Visit	Proposal 16196, standard (S4), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 14-FEB-2021:00:00:00 AND 27-FEB-2021:00:00:00																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>WD0308-565</td> <td>RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000</td> <td>Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000</td> <td>V=14.07+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i> </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS	<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS																							
<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.144 6712)	(2) WD0308-565	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				15 Secs (15 Secs) [==>]	[1]																		
	2	(COS.sp.144 4866)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=30 0; FP-POS=ALL			52 Secs (208 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																		
	3	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=1			215 Secs (215 Secs) [==>]	[1]																		
	4	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=2			215 Secs (215 Secs) [==>]	[1]																		
	5	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=3			250 Secs (250 Secs) [==>]	[1]																		
	6	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=4			250 Secs (250 Secs) [==>]	[1]																		



Proposal 16196 - standard (S5) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

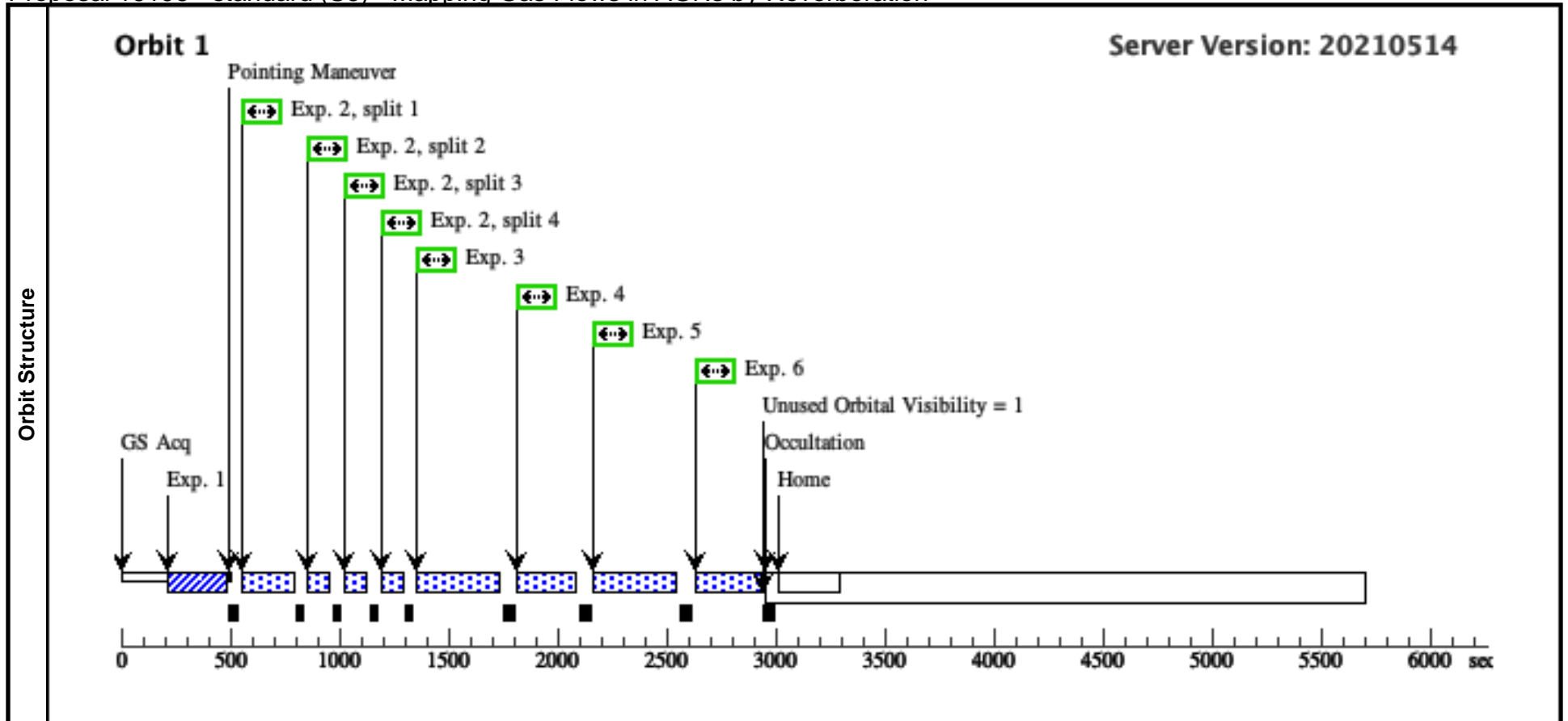
Visit	Proposal 16196, standard (S5), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 21-MAR-2021:00:00:00 AND 03-APR-2021:00:00:00																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>WD0308-565</td> <td>RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000</td> <td>Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000</td> <td>V=14.07+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i> </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS	<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS																							
<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.144 6712)	(2) WD0308-565	COS/NUV, ACQ/IMAGE, BOA	MIRRORA		GS ACQ SCENARI O SINGLE		15 Secs (15 Secs) [==>]	[1]																		
	2	(COS.sp.144 4866)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=30 0; FP-POS=ALL			52 Secs (208 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																		
	3	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=1			215 Secs (215 Secs) [==>]	[1]																		
	4	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=2			215 Secs (215 Secs) [==>]	[1]																		
	5	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=3			250 Secs (250 Secs) [==>]	[1]																		
	6	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=4			250 Secs (250 Secs) [==>]	[1]																		



Proposal 16196 - standard (S6) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

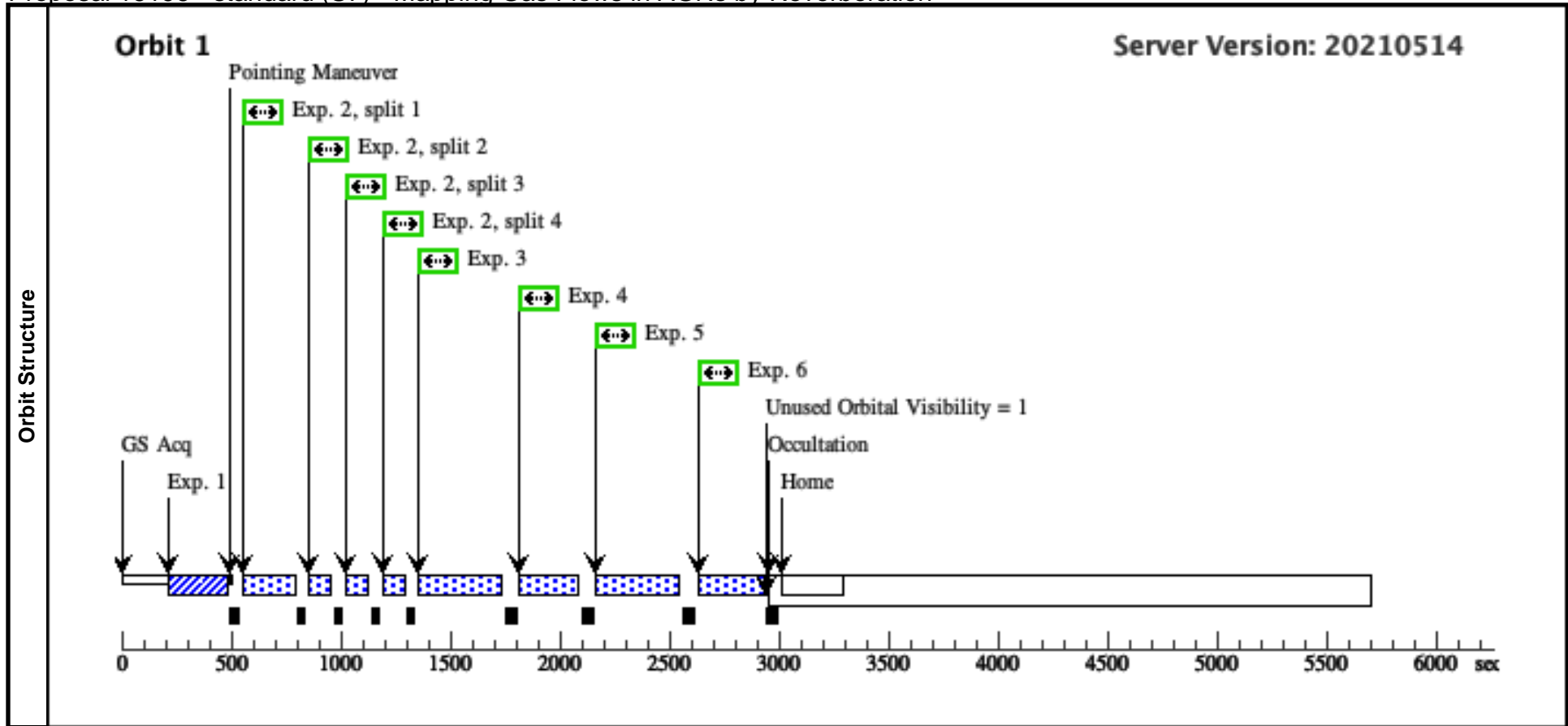
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	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>WD0308-565</td> <td>RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000</td> <td>Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000</td> <td>V=14.07+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i> </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS	<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS																							
<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.144 6712)	(2) WD0308-565	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				15 Secs (15 Secs) [==>]	[1]																		
	2	(COS.sp.144 4866)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=30 0; FP-POS=ALL			52 Secs (208 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																		
	3	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=1			215 Secs (215 Secs) [==>]	[1]																		
	4	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=2			215 Secs (215 Secs) [==>]	[1]																		
	5	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=3			250 Secs (250 Secs) [==>]	[1]																		
	6	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=4			250 Secs (250 Secs) [==>]	[1]																		



Proposal 16196 - standard (S7) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

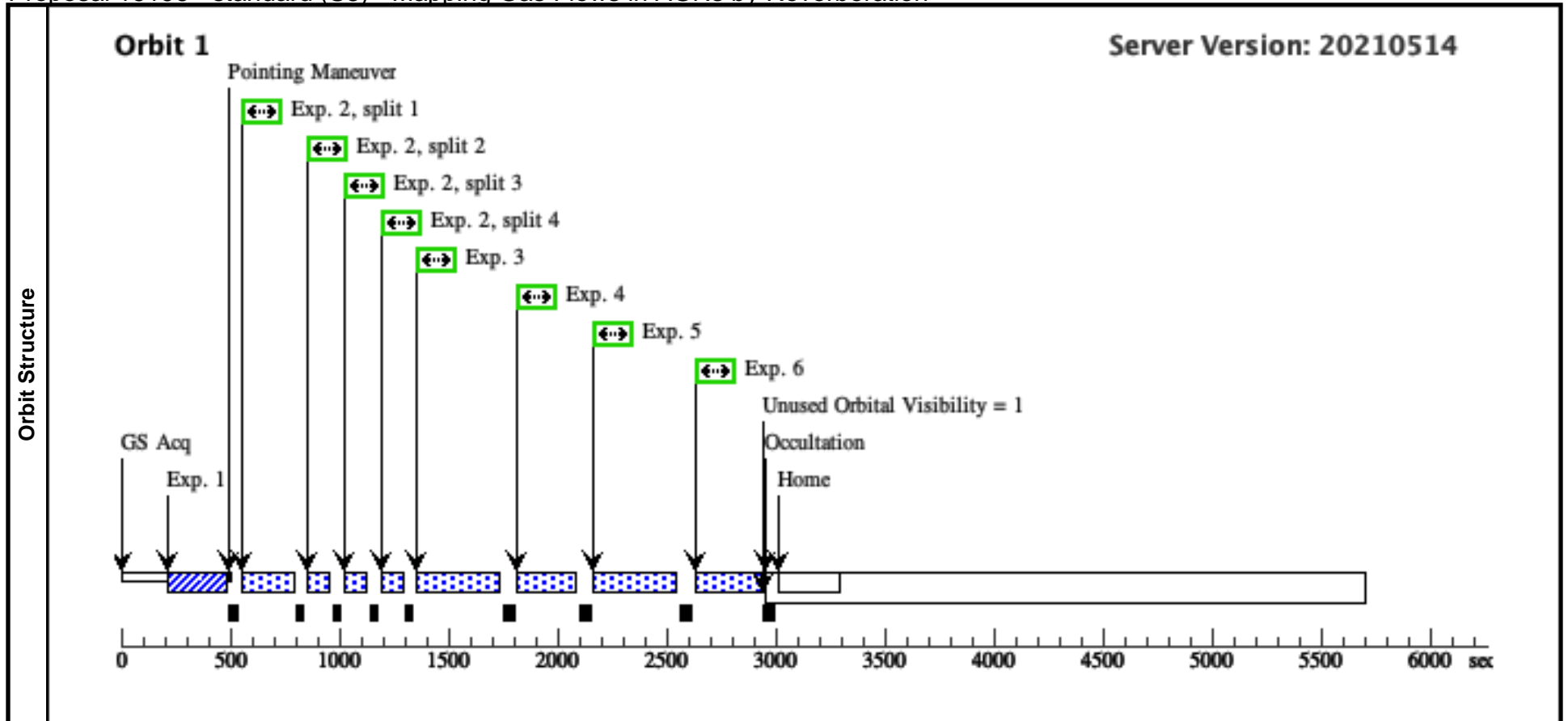
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	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>WD0308-565</td> <td>RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000</td> <td>Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000</td> <td>V=14.07+/-0.02</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i> </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS	<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS																							
<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.144 6712)	(2) WD0308-565	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				15 Secs (15 Secs) [==>]	[1]																		
	2	(COS.sp.144 4866)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=30 0; FP-POS=ALL			52 Secs (208 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																		
	3	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=1			215 Secs (215 Secs) [==>]	[1]																		
	4	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=2			215 Secs (215 Secs) [==>]	[1]																		
	5	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=3			250 Secs (250 Secs) [==>]	[1]																		
	6	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=4			250 Secs (250 Secs) [==>]	[1]																		

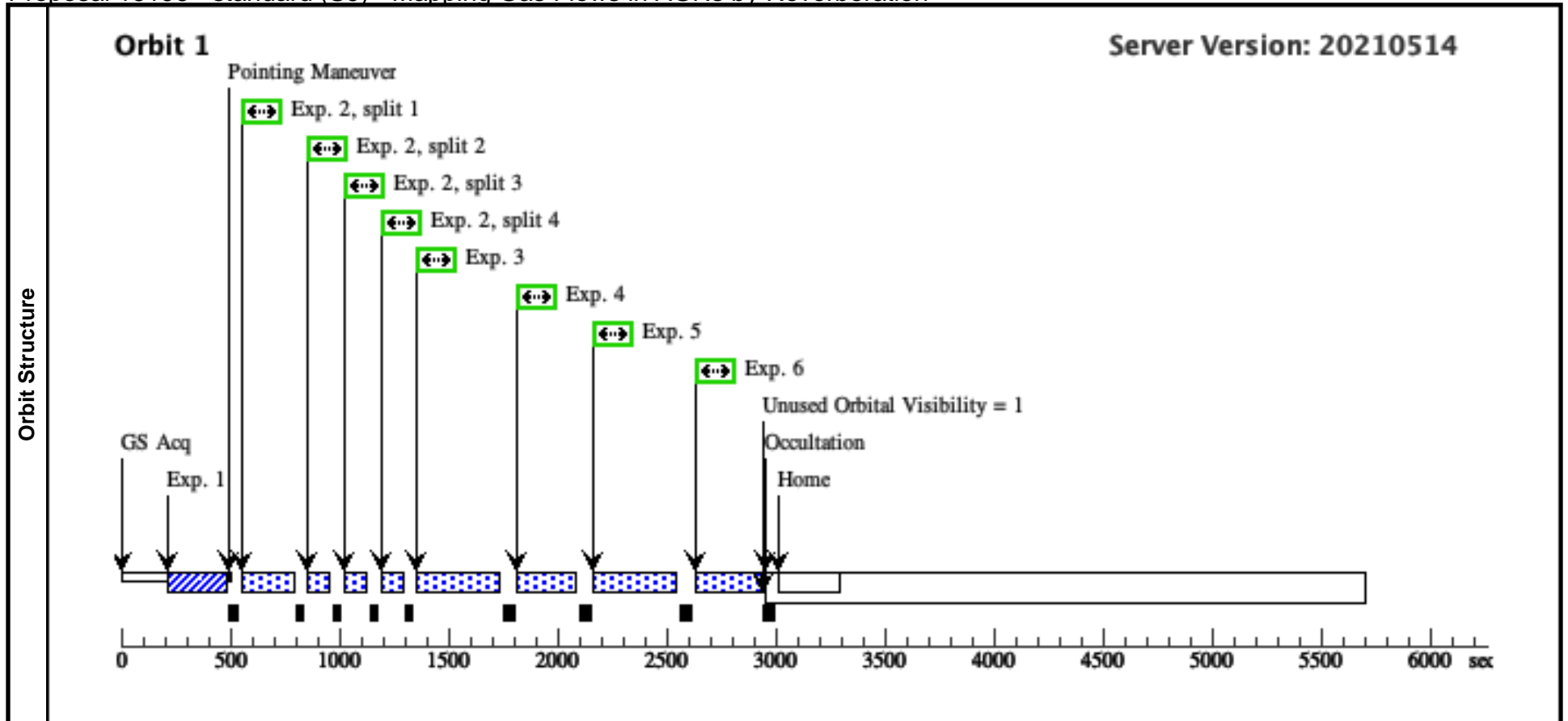


Proposal 16196 - standard (S8) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

Visit	Proposal 16196, standard (S8), implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 20-DEC-2021:00:00:00 AND 26-DEC-2021:00:00:00																											
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#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS																							
<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.144 6712)	(2) WD0308-565	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				15 Secs (15 Secs) [==>]	[1]																		
	2	(COS.sp.144 4866)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=30 0; FP-POS=ALL			52 Secs (208 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																		
	3	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=1			215 Secs (215 Secs) [==>]	[1]																		
	4	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=2			215 Secs (215 Secs) [==>]	[1]																		
	5	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=3			250 Secs (250 Secs) [==>]	[1]																		
	6	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=4			250 Secs (250 Secs) [==>]	[1]																		

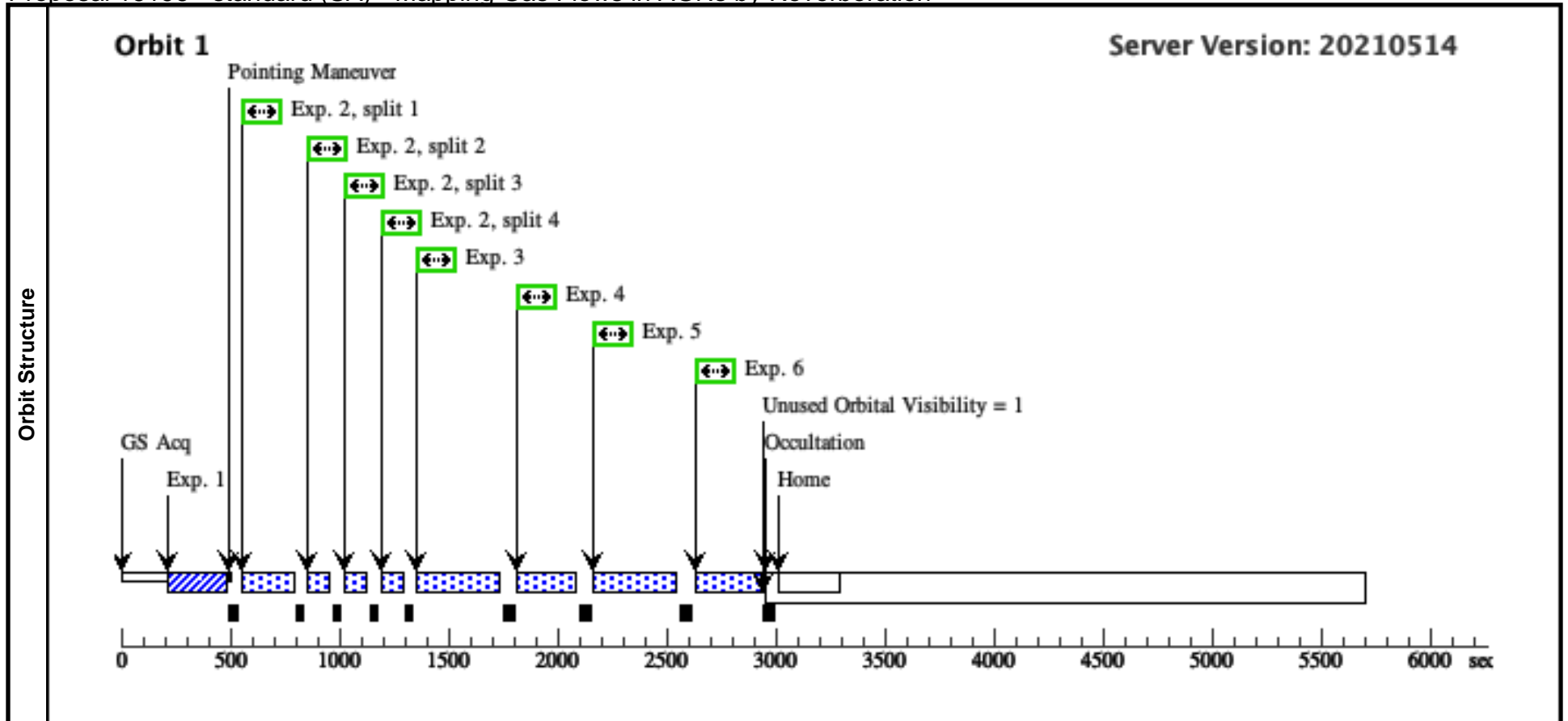




Proposal 16196 - standard (SA) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

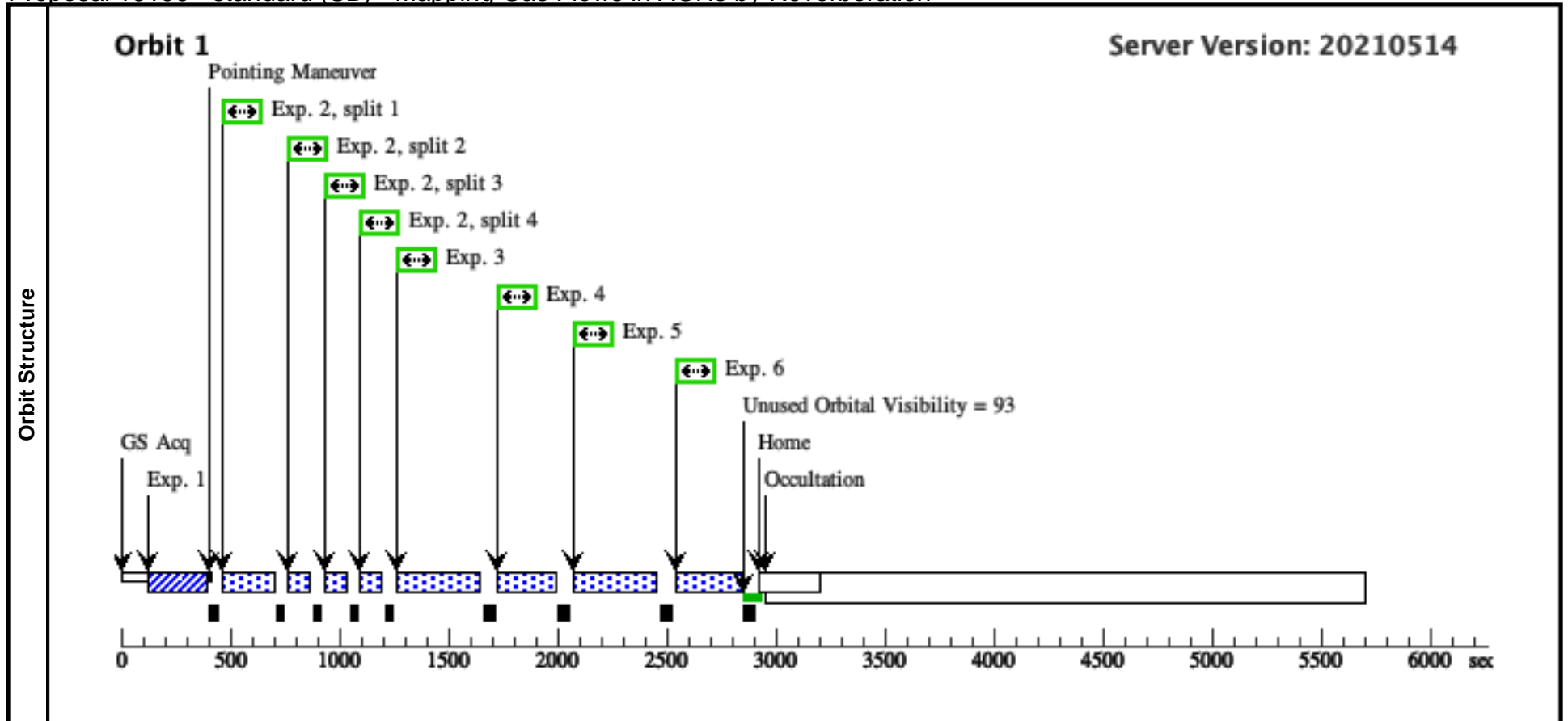
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#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(2)	WD0308-565	RA: 03 09 47.9200 (47.4496667d) Dec: -56 23 49.41 (-56.39706d) Equinox: J2000	Proper Motion RA: 0.018141 sec of time/yr Proper Motion Dec: 0.0643 arcsec/yr Epoch of Position: 2000	V=14.07+/-0.02	Reference Frame: ICRS																							
<i>Comments: Coordinates and PM copied from COS FUV Calibration proposal 15535.</i> <i>Category=CALIBRATION</i> <i>Description=[DETECTOR SENSITIVITY TEST, INSTRUMENT SENSITIVITY TEST]</i> <i>Extended=NO</i>																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.144 6712)	(2) WD0308-565	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				15 Secs (15 Secs) [==>]	[1]																		
	2	(COS.sp.144 4866)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=30 0; FP-POS=ALL			52 Secs (208 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]																		
	3	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=1			215 Secs (215 Secs) [==>]	[1]																		
	4	(COS.sp.144 4868)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1533 A	BUFFER-TIME=49 0; FP-POS=2			215 Secs (215 Secs) [==>]	[1]																		
	5	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=3			250 Secs (250 Secs) [==>]	[1]																		
	6	(COS.sp.144 4869)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=59 0; FP-POS=4			250 Secs (250 Secs) [==>]	[1]																		

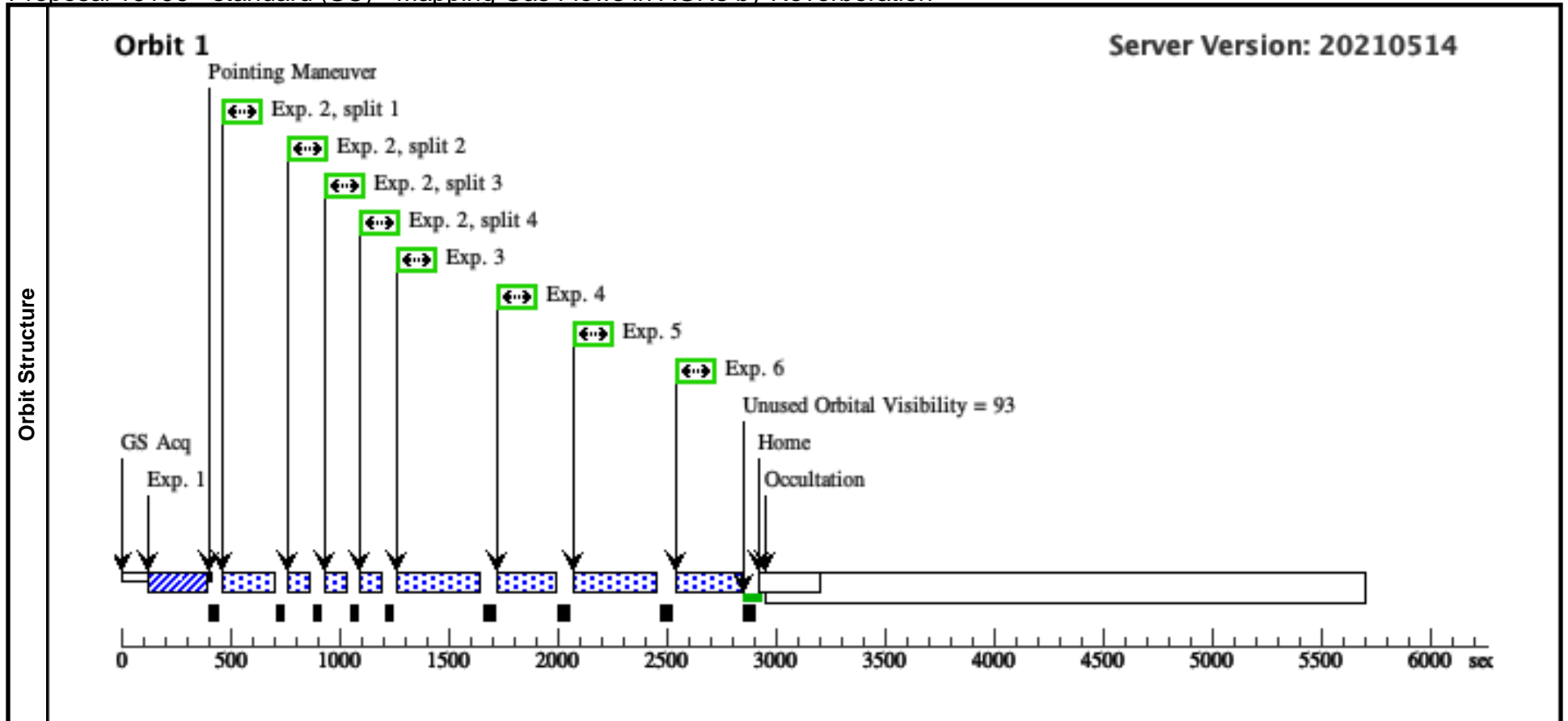


Proposal 16196 - standard (SB) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

Visit	Proposal 16196, standard (SB), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 19-SEP-2021:00:00:00 AND 02-OCT-2021:00:00:00																																																																															
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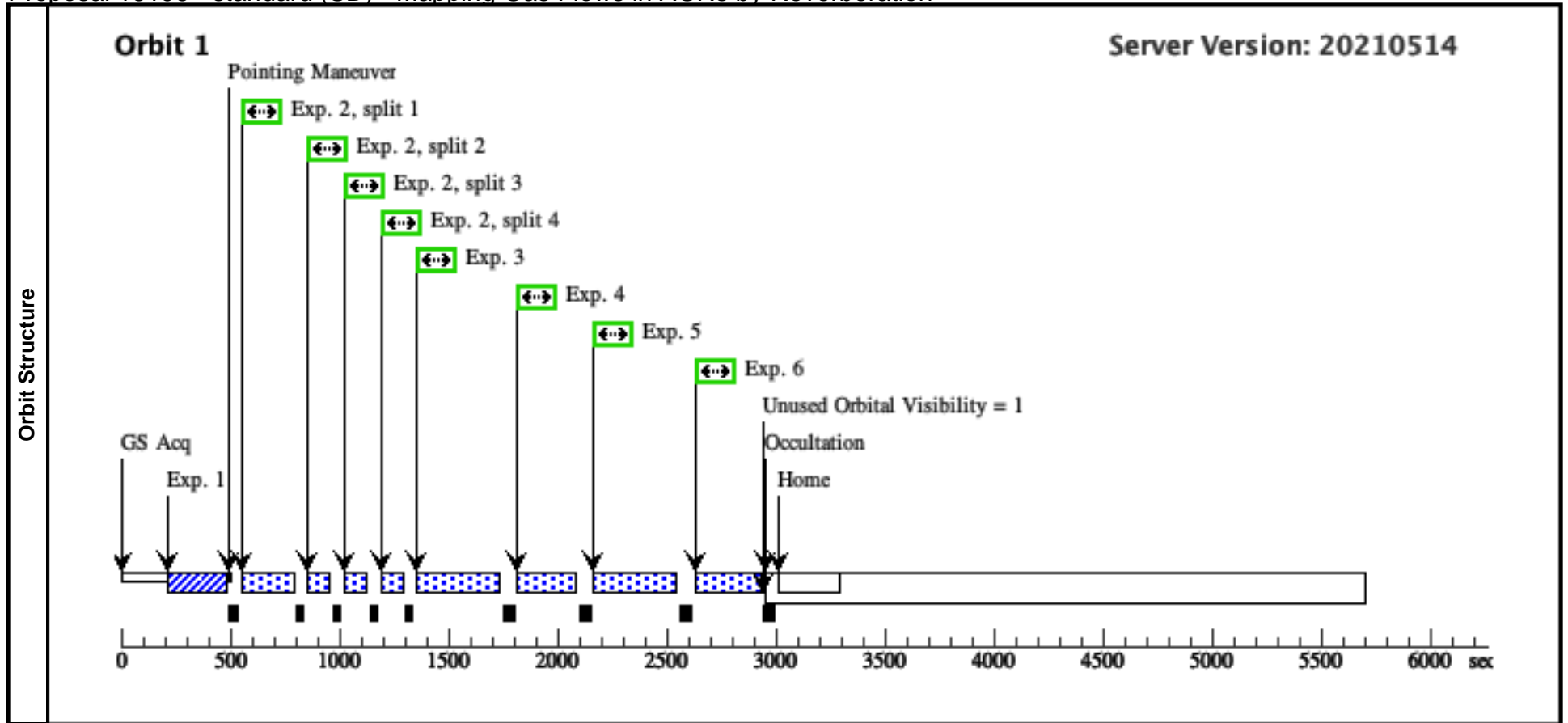




Proposal 16196 - standard (SD) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

Visit	Proposal 16196, standard (SD), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 21-NOV-2021:00:00:00 AND 04-DEC-2021:00:00:00																											
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Proposal 16196 - standard (SE) - Mapping Gas Flows in AGNs by Reverberation

Wed Jan 12 18:05:51 GMT 2022

Visit	Proposal 16196, standard (SE), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%; BETWEEN 26-JAN-2022:00:00:00 AND 03-FEB-2022:00:00:00; ON HOLD <i>On Hold Comments: Not sure this is needed given current COS calibration plans.</i>																											
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