



13330 - Mapping the AGN Broad Line Region by Reverberation

Cycle: 21, Proposal Category: GO

(UV Initiative)

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
E1	(2) WD0308-565 DARK	COS/FUV COS/NUV S/C	2	09-Sep-2014 21:06:48.0	yes
E2	(3) WD1057+719 DARK	COS/FUV COS/NUV S/C	2	09-Sep-2014 21:06:51.0	yes
01	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:06:52.0	yes
02	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:06:54.0	yes
03	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:06:55.0	yes
04	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:06:56.0	yes
05	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:06:58.0	yes
06	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:06:59.0	yes
07	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:00.0	yes
08	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:01.0	yes
09	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:03.0	yes
10	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:04.0	yes
11	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:05.0	yes
12	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:06.0	yes
13	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:08.0	yes

Proposal 13330 (STScI Edit Number: 15, Created: Tuesday, September 9, 2014 8:10:35 PM EST) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
14	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:09.0	yes
15	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:10.0	yes
16	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:11.0	yes
17	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:13.0	yes
18	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:14.0	yes
19	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:15.0	yes
20	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:16.0	yes
21	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:17.0	yes
22	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:19.0	yes
23	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:20.0	yes
24	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:21.0	yes
25	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:22.0	yes
26	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:23.0	yes
27	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:24.0	yes
28	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:25.0	yes
29	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:27.0	yes
30	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:28.0	yes
31	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:29.0	yes
32	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:30.0	yes
33	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:31.0	yes
34	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:33.0	yes
35	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:34.0	yes
36	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:35.0	yes
37	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:37.0	yes
38	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:38.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
39	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:39.0	yes
40	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:40.0	yes
41	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:41.0	yes
42	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:42.0	yes
43	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:44.0	yes
44	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:45.0	yes
45	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:46.0	yes
46	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:47.0	yes
47	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:48.0	yes
48	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:49.0	yes
49	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:50.0	yes
50	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:52.0	yes
51	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:53.0	yes
52	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:54.0	yes
53	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:55.0	yes
54	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:56.0	yes
55	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:57.0	yes
56	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:07:59.0	yes
57	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:00.0	yes
58	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:01.0	yes
59	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:02.0	yes
60	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:03.0	yes
61	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:05.0	yes
62	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:06.0	yes
63	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:07.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
64	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:08.0	yes
65	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:09.0	yes
66	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:10.0	yes
67	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:11.0	yes
68	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:13.0	yes
69	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:14.0	yes
70	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:15.0	yes
71	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:16.0	yes
72	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:17.0	yes
73	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:18.0	yes
74	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:20.0	yes
75	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:21.0	yes
76	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:23.0	yes
77	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:24.0	yes
78	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:25.0	yes
79	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:26.0	yes
80	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:27.0	yes
81	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:28.0	yes
82	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:29.0	yes
83	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:30.0	yes
84	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:32.0	yes
85	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:33.0	yes
86	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:34.0	yes
87	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:35.0	yes
88	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:36.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
89	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:38.0	yes
90	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:39.0	yes
91	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:40.0	yes
92	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:41.0	yes
93	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:42.0	yes
94	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:43.0	yes
95	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:45.0	yes
96	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:46.0	yes
97	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:47.0	yes
98	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:49.0	yes
99	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:50.0	yes
0A	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:51.0	yes
0B	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:52.0	yes
0C	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:53.0	yes
0D	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:54.0	yes
0E	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:56.0	yes
0F	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:57.0	yes
0G	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:58.0	yes
0H	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:08:59.0	yes
0I	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:00.0	yes
0J	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:01.0	yes
0K	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:03.0	yes
0L	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:04.0	yes
0M	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:05.0	yes
0N	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:06.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
0O	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:07.0	yes
0P	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:09.0	yes
0Q	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:10.0	yes
0R	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:12.0	yes
0S	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:13.0	yes
0T	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:14.0	yes
0U	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:15.0	yes
0V	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:16.0	yes
0W	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:18.0	yes
0X	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:19.0	yes
0Y	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:20.0	yes
0Z	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:21.0	yes
1A	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:22.0	yes
1B	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:23.0	yes
1C	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:24.0	yes
1D	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:26.0	yes
1E	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:27.0	yes
1F	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:28.0	yes
1G	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:29.0	yes
1H	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:30.0	yes
1I	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:32.0	yes
1J	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:33.0	yes
1K	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:35.0	yes
1L	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:36.0	yes
1M	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:37.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
1N	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:38.0	yes
1O	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:39.0	yes
1P	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:40.0	yes
1Q	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:42.0	yes
1R	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:43.0	yes
1S	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:44.0	yes
1T	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:45.0	yes
1U	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:46.0	yes
1V	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:48.0	yes
1W	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:49.0	yes
1X	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:50.0	yes
1Y	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:51.0	yes
1Z	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:52.0	yes
2A	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:53.0	yes
2B	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:55.0	yes
2C	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:57.0	yes
2D	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:58.0	yes
2E	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:09:59.0	yes
2F	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:00.0	yes
2G	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:01.0	yes
2H	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:02.0	yes
2I	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:04.0	yes
2J	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:05.0	yes
2K	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:06.0	yes
2L	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:07.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
2M	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:08.0	yes
2N	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:10.0	yes
2O	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:11.0	yes
2P	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:12.0	yes
2Q	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:13.0	yes
2R	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:14.0	yes
2S	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:16.0	yes
2T	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:17.0	yes
2U	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:18.0	yes
2V	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:20.0	yes
2W	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:21.0	yes
2X	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:22.0	yes
2Y	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:24.0	yes
2Z	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:25.0	yes
3A	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:26.0	yes
3B	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:27.0	yes
3C	(1) NGC-5548	COS/FUV	1	09-Sep-2014 21:10:28.0	yes

184 Total Orbits Used

ABSTRACT

We propose to make the first reverberation map of the detailed response of the broad UV emission lines, crucial to studies of the evolution of black hole masses across cosmic time, to the variable continuum using the Seyfert 1 galaxy NGC 5548. Reverberation mapping is the only direct method for measuring black hole masses beyond the local universe, using time resolution as a substitute for spatial resolution. This program will provide the first determination of the structure of a high-ionization broad-line region. NGC 5548 is known to vary on short time scales and has a short time lag between continuum and emission-line flux variations, assuring that physically meaningful, empirical, model-independent velocity-delay maps for the strong UV lines (C IV and Lyman alpha) can be recovered reliably given our experimental design. Realistic numerical simulations based on the

known statistical properties of this source demonstrate that velocity-delay maps can be well-determined with 180 consecutive daily visits, even allowing for safing events or other occasional interruptions. Obtaining unique velocity-delay maps for strong emission lines will be a ground-breaking accomplishment for HST; these maps will clarify the nature of the broad-line region, its role in the apparently complicated accretion/outflow process, and determine definitively the veracity and accuracy of the AGN reverberation-based black hole masses that are now a key component of any study of black hole growth, evolution, and the role of feedback in the evolution of galaxies.

OBSERVING DESCRIPTION

We will use COS/FUV with the G130M and G160M gratings to observe the UV spectrum (1153-1796 Å) of the Seyfert 1 galaxy NGC 5548 for 180 consecutive visits, at a regular cadence of approximately 1 visit per day. Our proposal is coordinated with an XMM-Newton+HST program on NGC 5548 (PID 13184). One orbit of the ID 13184 program (scheduled for January, 20 - February, 1), has been fully integrated in our observing plan (visit 59, missing from the visit list), reducing the total number of visits in this program to 179. Each visit consists of 1 individual orbit. Our primary scientific goal is to recover a detailed velocity-delay map for the C IV $\lambda 1549$ emission line, but we also aim at recovering lower resolution velocity delay maps for the other UV broad emission lines: Ly α $\lambda 1215$, N V $\lambda 1240$, Si IV $\lambda 1400$, and He II $\lambda 1640$.

The combination of the G130M and G160M gratings will allow us to cover the wavelength range of interest in four exposures. To succeed with our Reverberation Mapping program we need to detect continuum and emission-line variations that are intrinsically small, and therefore we require a $S/N \sim 100$ in the continuum (measured over several spectral resolution elements). The FUV continuum of NGC 5548 shows 17 to 30% rms variability, with peak to trough variations of 2-5 over 2-month time scales, and with very rare extremely low flux episodes (Dunn et al. 2006). To estimate our exposure times and expected S/N we have assumed a historical median flux F_{med} of $3.5 \times 10^{-14} \text{ erg cm}^{-2} \text{ s}^{-1} \text{ Å}^{-1}$ at 1376 Å (Dunn et al. 2006). During each of the 179 orbits we will obtain two 200-second exposures with G130M (at 1291 Å and 1327 Å) and two 590-second exposures with G160M (at 1600 Å and 1623 Å). At the median flux, this gives a $S/N \sim 12$ per resolution element for the continuum underneath the C IV emission line (we then average over >100 resolution elements to obtain continuum fluxes), and $S/N \sim 21$ per resolution element at line center.

A good temporal sampling is a key element in Reverberation Mapping. Based on our simulations for NGC 5548, observations need to be approximately one day apart for the program to be successful, but evenly spaced intervals are not required. To accomplish this while keeping the requirements as flexible as possible, we have set both the AFTER BY and PHASE constraints so that every orbit will be executed on average 23.5212 hours after the previous one, with a tolerance of ± 6 hours. All the visits have been linked to the first orbit.

Proposal 13330 (STScI Edit Number: 15, Created: Tuesday, September 9, 2014 8:10:35 PM EST) - Overview

In order to avoid bright geocoronal airglow lines (e.g. Ly alpha) and AGN emission lines (e.g. redshifted Ly alpha) to fall always on the same area of the detector, the grating settings need to vary as much as possible while keeping our exposure times untouched. To do so, we have chosen the settings of each visits such that:

** we alternate the target acquisition between the G130M/1291 and the G130M/1327 configurations. The G130M/1327 configuration is then followed by a G130M/1327/FP-POS=3 exposure, and by a G130M/1291 exposure alternating among FP-POS=1,2,4. The G130M/1291 configuration is instead followed by a G130M/1291/FP-POS=3 exposure, and by a G130M/1327 exposure alternating among FP-POS=1,2,4;

** we alternate the FP-POS for the G160M/1623 exposure between FP-POS=1 and FP-POS=2;

We could not vary the settings for the G160M/1600 and G160M/1623 more because we needed to ensure the coverage of the entire wavelength range while avoiding the detector gap to impinge on the core of the CIV emission line.

COS observations of NGC5548 have been carried out safely and successfully before (see HST PID 12212 and HST PID 13814), and they do not pose a bright object risk. To verify it, we have run ETC calculations using the ETC FOS quasar spectrum redshifted at $z=0.017175$ and normalized to the historical minum and maximum flux at 1360 Å ($\text{flam_min}=0.66\text{e-}14$, $\text{flam_max}=8.6\text{e-}14$, Dunn et al. 2006) in order to get our limiting cases:

- ACQUISITION -

Configuration	Flux	EXP time	Max cts/s/pix	Total rate	Buffer Time	COS ETC ID
G130M/1291	0.66e-14	25 s	0.098	228	3815	COS.sa.512269
G130M/1291	8.6e-14	25 s	0.124	2891	618	COS.sa.512275

- EXPOSURES -

Configuration	Flux	EXP time	Max cts/s/pix	Total rate	Buffer Time	COS ETC ID
G130M/1327	8.6e-14	200	0.124	3852	612	COS.sp.519163
G160M/1600	8.6e-14	590	0.02	1583	1489	COS.sp.519164

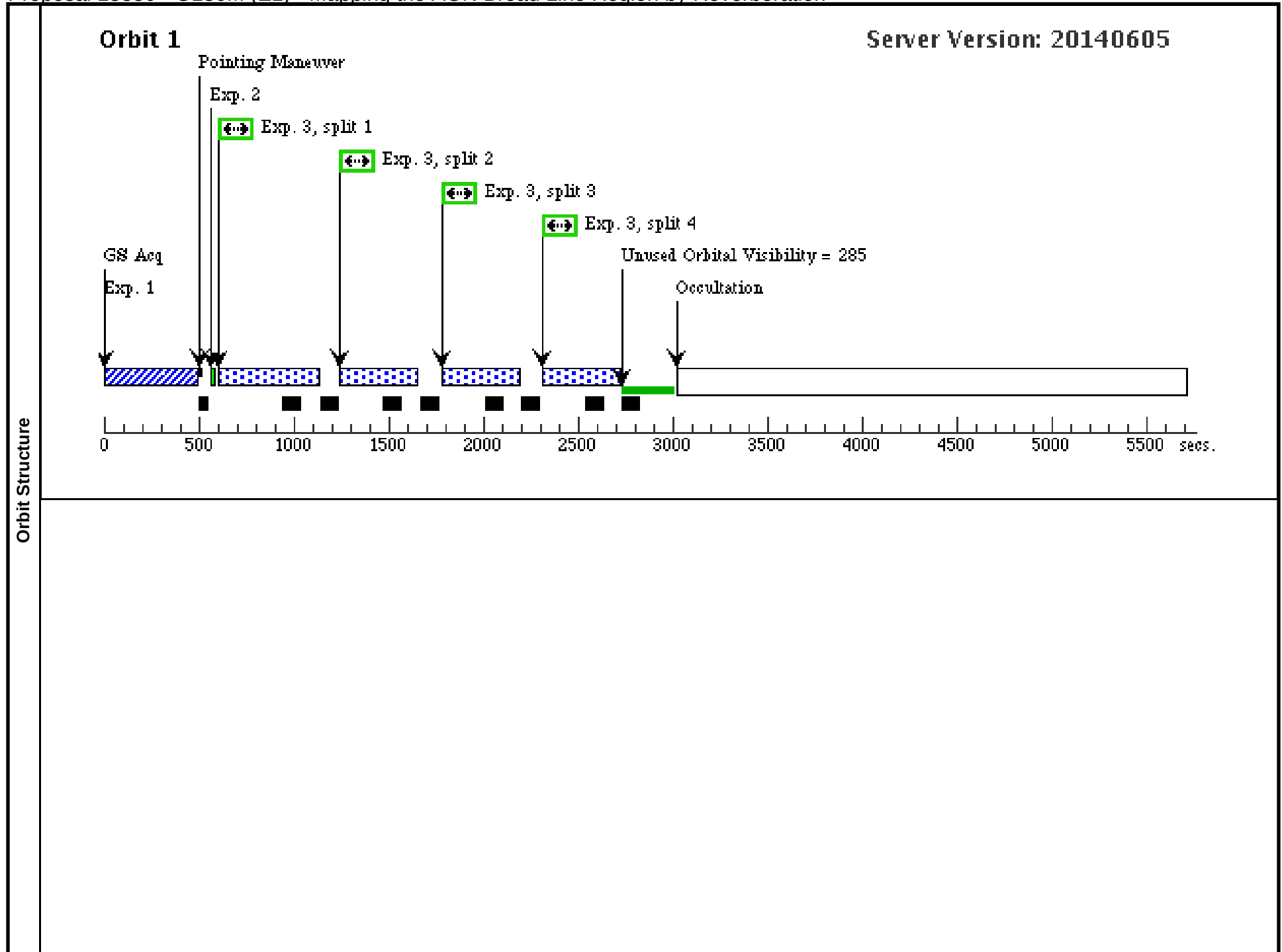
Visits E1-E2:

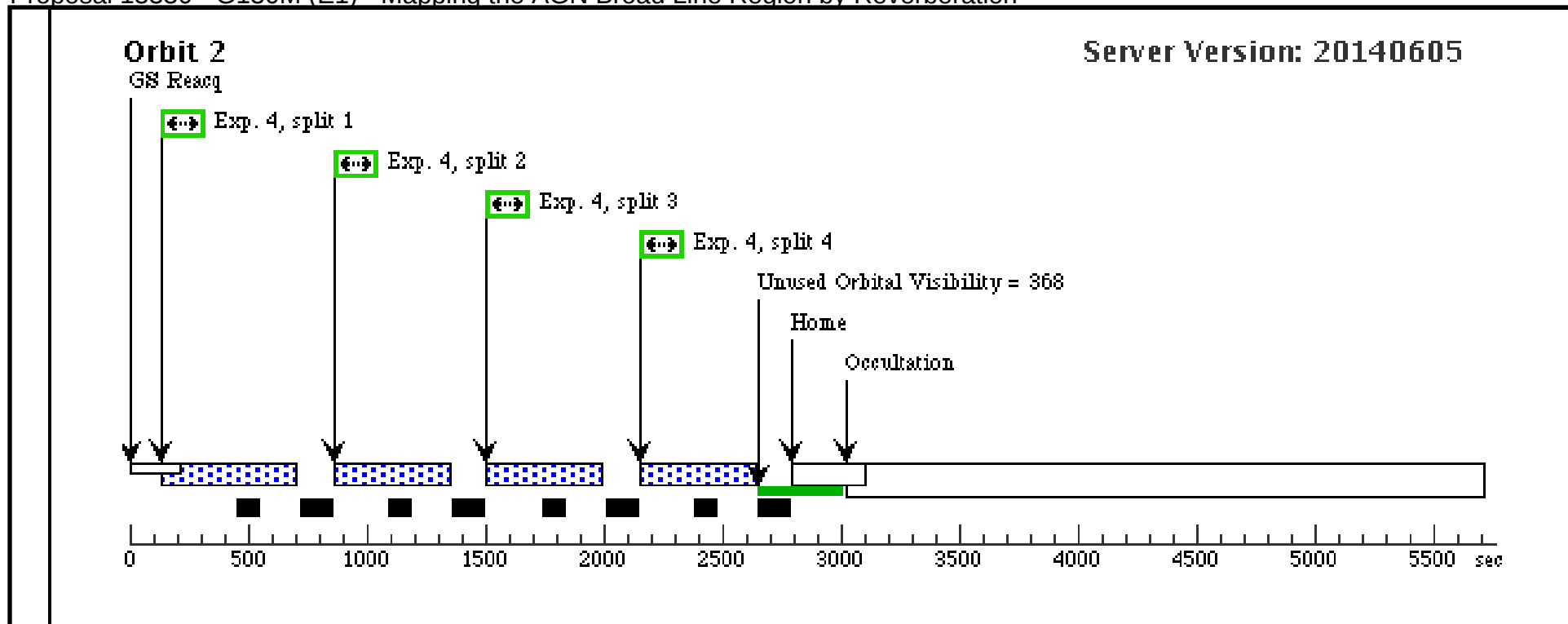
We will obtain exposures of the HST standard stars WD 0308-565 and WD 1057+719 for all

FUV grating/cenwave/fppos combinations used in the 13330 program. Visit 01 will observe WD 0308-565 using the G130M/1291 and G130M/1327 settings with all four fppos. Over two orbits, this will achieve a $S/N > 20$ per resel at the wavelength of least sensitivity for each setting. Visit 02 will observe WD 1057+719 using the G160M/1600 setting with FPPOS 1 and 2, and the G160M/1623 setting with FPPOS 1. To avoid needlessly over-exposing FUVB with the steep SED of this target, these settings will be done twice. One iteration will use short exposure times and will be focused on exposing FUVB. The second iteration will turn FUVB off, and expose for the longer times needed for FUVB. This method will achieve $S/N > 20$ at the wavelengths of least sensitivity without wasting detector lifetime.

Proposal 13330 - G130M (E1) - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, G130M (E1), scheduled								Wed Sep 10 01:10:35 GMT 2014		
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/NUV, S/C, COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 16-SEP-2014:00:00:00 AND 30-SEP-2014:00:00:00										
	Comments: Scheduling constraints for this visit are intended to place these observations close in time to visit 11 of program 13520, which is a COS time-dependent sensitivity monitoring visit. Visit 11 of 13520 is currently planned for the Sept. 22-25 window, so the current BETWEEN constraints would permit no more than 2 weeks of separation between the execution of this visit and the TDS visit. A separation of no more than 2 weeks between the visit in this program and visit 11 of 13520 would increase the utility of the observations by permitting a characterization of the sensitivity change with operational HV of the FUVB segment.										
Fixed Targets	#	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			
Comments: Coordinates from Charle's proposal											
Exposures	#	Label (ETC Run)	Target	Config.Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IM (396029)	(2) WD0308-565	COS/NUV, ACQ/IMAGE, BOA		MIRRORA				45 Secs (45 Secs)	
										[==>]	[1]
	2	Set DETHV level	DARK	S/C, DATA, NONE				SAA CONTOUR 31; SPEC COM INSTR ELHVADJPROP; QESIPARM ENDC TSA 167; QESIPARM ENDC TSB 169		39 Secs (39 Secs)	
										[==>]	[1]
	Comments: Setting DETHV to 167 for FUVA Setting DETHV to 169 for FUVB										
	3	G130M/129 1 (626949)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=ALL; BUFFER-TIME=19 5			360 Secs (1440 Secs)	
										[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
	4	G130M/132 7 (626950)	(2) WD0308-565	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=ALL; BUFFER-TIME=19 5			435 Secs (1740 Secs)	
										[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]



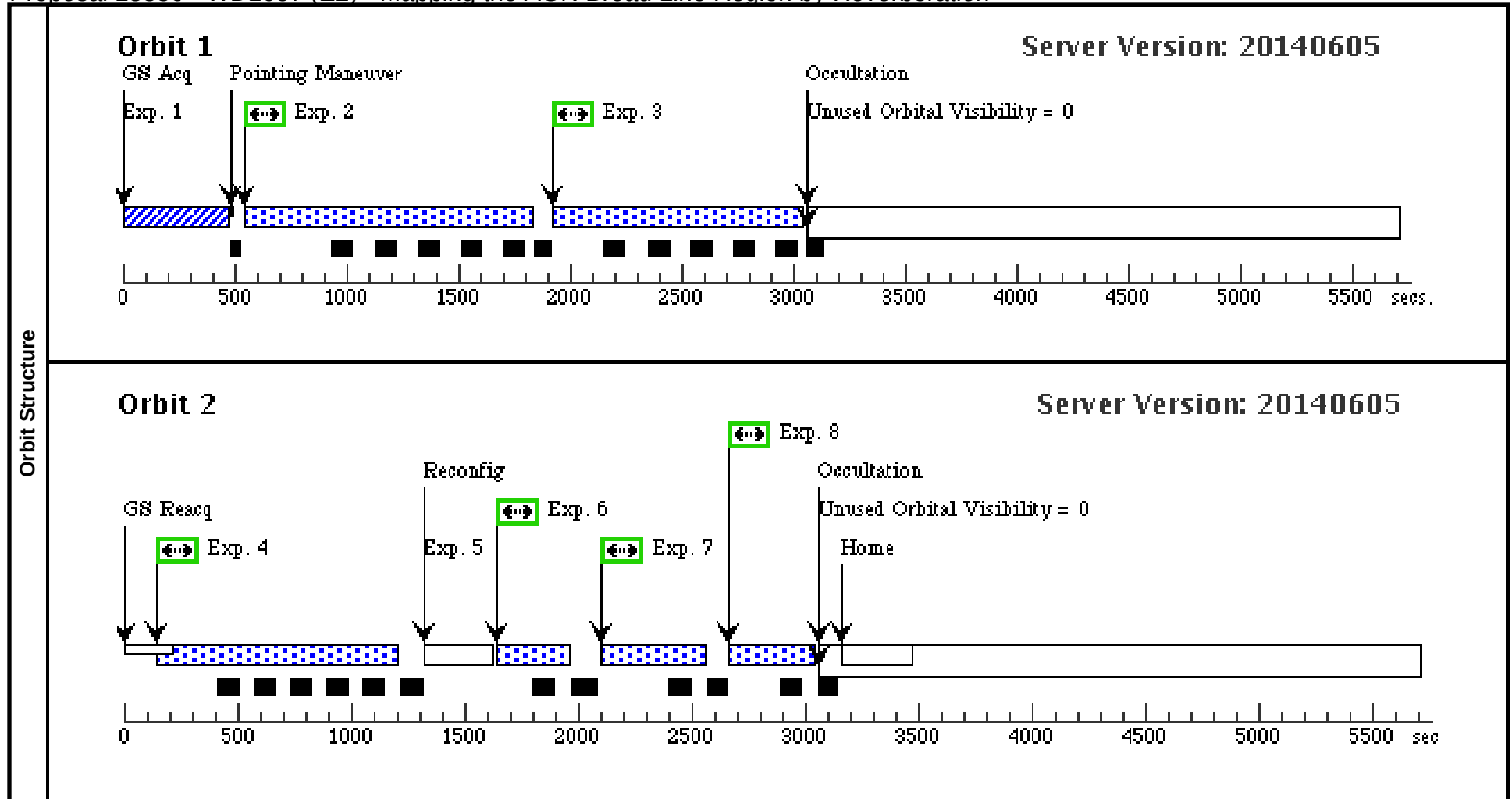


Proposal 13330 - WD1057 (E2) - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, WD1057 (E2), implementation					Wed Sep 10 01:10:36 GMT 2014
	Diagnostic Status: Warning					
	Scientific Instruments: COS/NUV, S/C, COS/FUV					
	Special Requirements: SCHED 100%; BETWEEN 16-SEP-2014:00:00:00 AND 30-SEP-2014:00:00:00					
Diagnostics	Comments: Scheduling constraints for this visit are intended to place these observations close in time to visit 11 of program 13520, which is a COS time-dependent sensitivity monitoring visit. Visit 11 of 13520 is currently planned for the Sept. 22-25 window, so the current BETWEEN constraints would permit no more than 2 weeks of separation between the execution of this visit and the TDS visit.					
	A separation of no more than 2 weeks between the visit in this program and visit 11 of 13520 would increase the utility of the observations by permitting a characterization of the sensitivity change with operational HV of the FUVB segment.					
	(WD1057 (E2)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	WD1057+719	RA: 11 00 34.2200 (165.1425833d)	Proper Motion RA: -0.00973 sec of time/yr	V=14.68+/-0.02	Reference Frame: ICRS
			Dec: +71 38 2.99 (71.63416d)	Proper Motion Dec: -0.02 arcsec/yr		
			Equinox: J2000	Epoch of Position: 2000		
	Comments: From Wolfe's TIR2009_02					

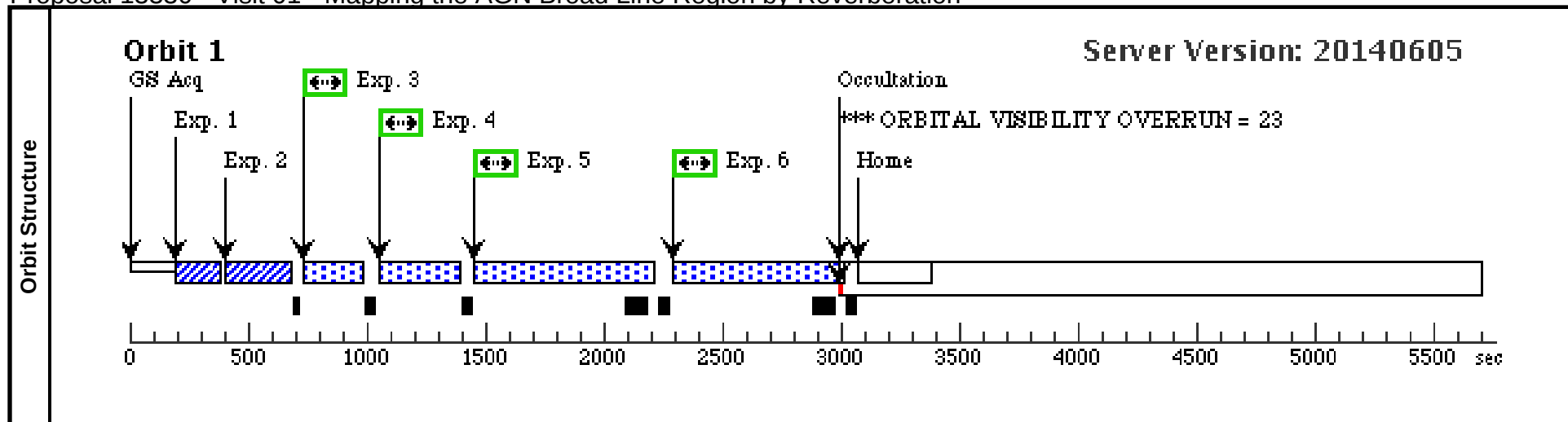
Proposal 13330 - WD1057 (E2) - Mapping the AGN Broad Line Region by Reverberation

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/IM (396032)	(3) WD1057+719	COS/NUV, ACQ/IMAGE, BOA	MIRRORA				35 Secs (35 Secs)	
									[==>]	[1]
	2	G160M/162 3/FP1/FUV A (626952)	(3) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=1; BUFFER-TIME=19 1; SEGMENT=A			1065 Secs (1065 Secs)	
									[==>]	[1]
	Comments: S/N > 20 per resel for FUV A									
	3	G160M/162 3/FP2/FUV A (626952)	(3) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=19 2; SEGMENT=A			1070 Secs (1070 Secs)	
									[==>]	[1]
	Comments: S/N > 20 per resel for FUV A									
	4	G160M/160 0/FP1/FUV A (626953)	(3) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=15 9; SEGMENT=A			905 Secs (934 Secs)	
									[==>934.0 Secs]	[2]
	Comments: S/N > 20 per resel for FUV A									
Exposures	5	Set DETHV level	DARK	S/C, DATA, NONE			SAA CONTOUR 31; SPEC COM INSTR ELHLTHVF; QASISTATES COS FUV HVLOW HVN OM; QESIPARM ENDC TSA 167; QESIPARM ENDC TSB 169		295 Secs (295 Secs)	
									[==>]	[2]
	Comments: Setting DETHV to 167 for FUV A Setting DETHV to 169 for FUV B									
	6	G160M/160 0/FP1 (626936)	(3) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=13 5			245 Secs (274 Secs)	
									[==>274.0 Secs]	[2]
	Comments: S/N of 20 at wavelength of least resistance for FUV B									
	7	G160M/162 3/FP1 (626937)	(3) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=1; BUFFER-TIME=19 0			300 Secs (329 Secs)	
									[==>329.0 Secs]	[2]
	Comments: S/N of 20 at wavelength of least resistance for FUV B									
	8	G160M/162 3/FP2 (626937)	(3) WD1057+719	COS/FUV, TIME-TAG, PSA	G160M 1623 A	FP-POS=2; BUFFER-TIME=19 0			300 Secs (329 Secs)	
									[==>329.0 Secs]	[2]
	Comments: S/N of 20 at wavelength of least resistance for FUV B									



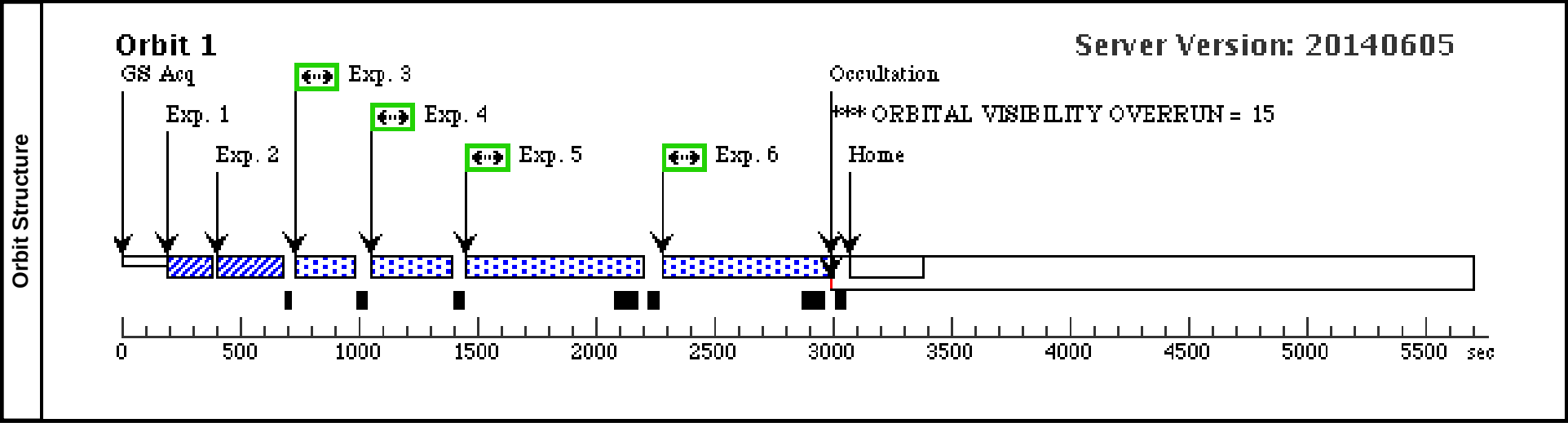
Proposal 13330 - Visit 01 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 01, completed										Wed Sep 10 01:10:36 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%											
Diagnostics	(Visit 01) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 01) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



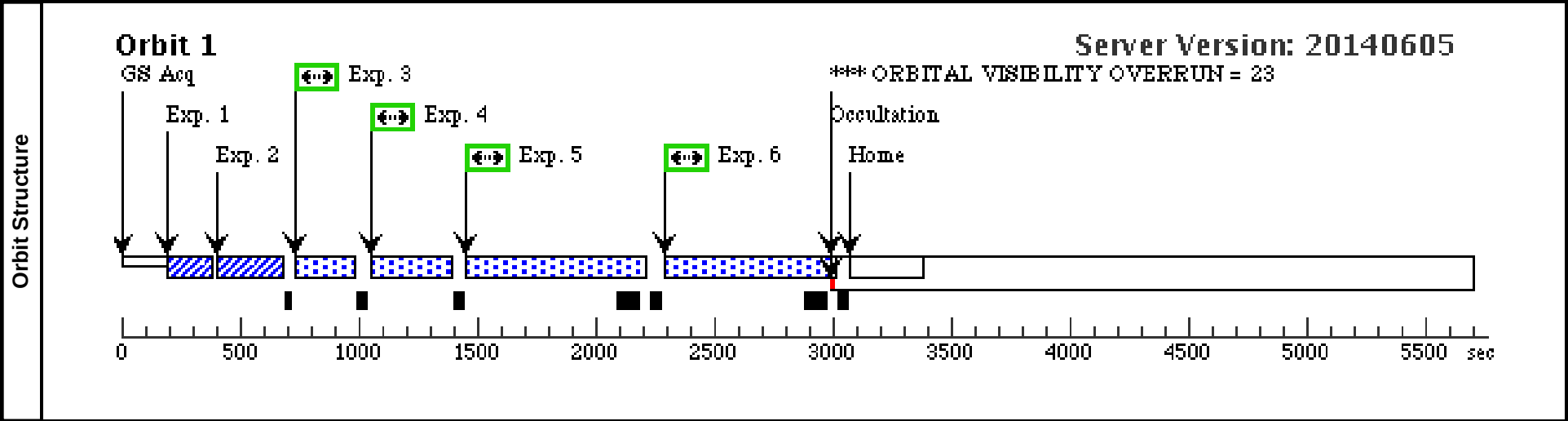
Proposal 13330 - Visit 02 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 02, completed										Wed Sep 10 01:10:36 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 17.5212 H TO 29.5212 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 02) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 02) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



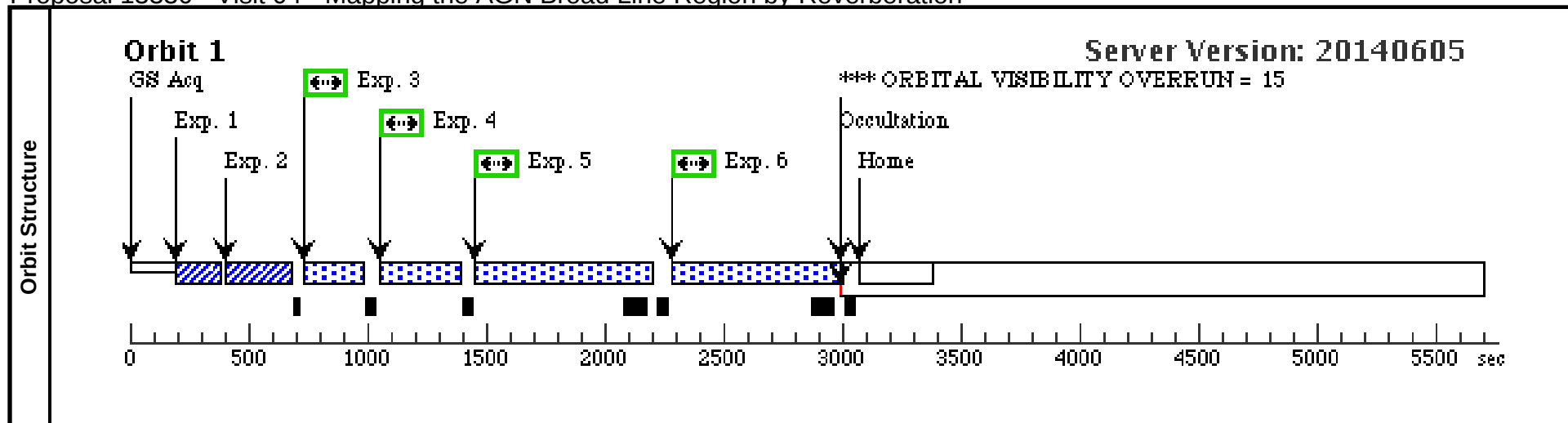
Proposal 13330 - Visit 03 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 03, completed										Wed Sep 10 01:10:36 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 41.0424 H TO 53.0424 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 03) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 03) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



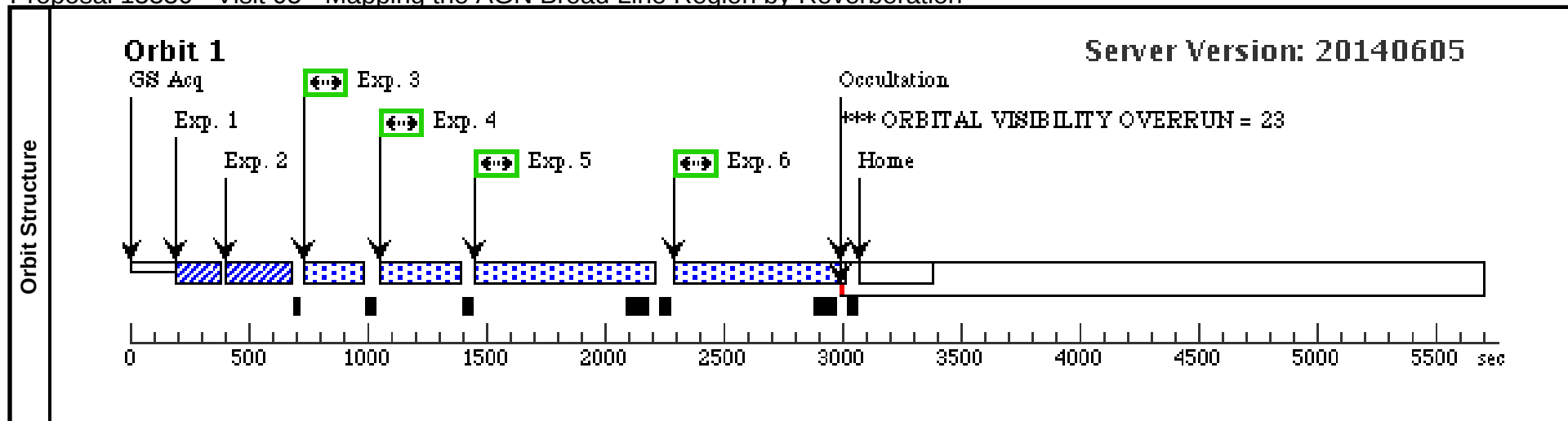
Proposal 13330 - Visit 04 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 04, completed										Wed Sep 10 01:10:36 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 64.5636 H TO 76.5636 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 04) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 04) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



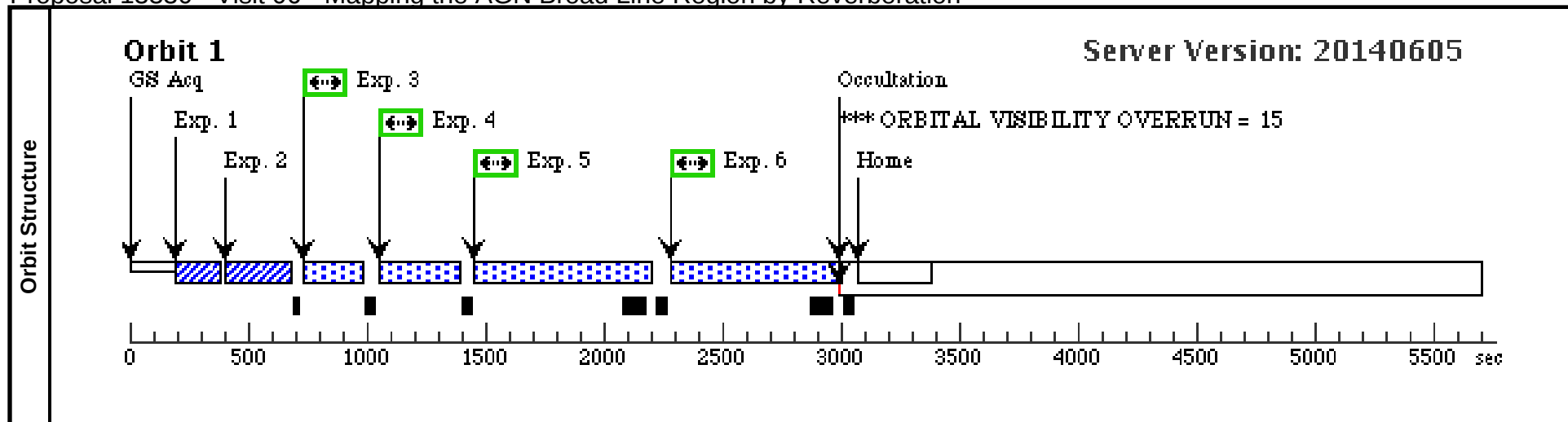
Proposal 13330 - Visit 05 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 05, failed										Wed Sep 10 01:10:36 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 88.0848 H TO 100.0848 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 05) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 05) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.7 5; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=47 8; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=47 9; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



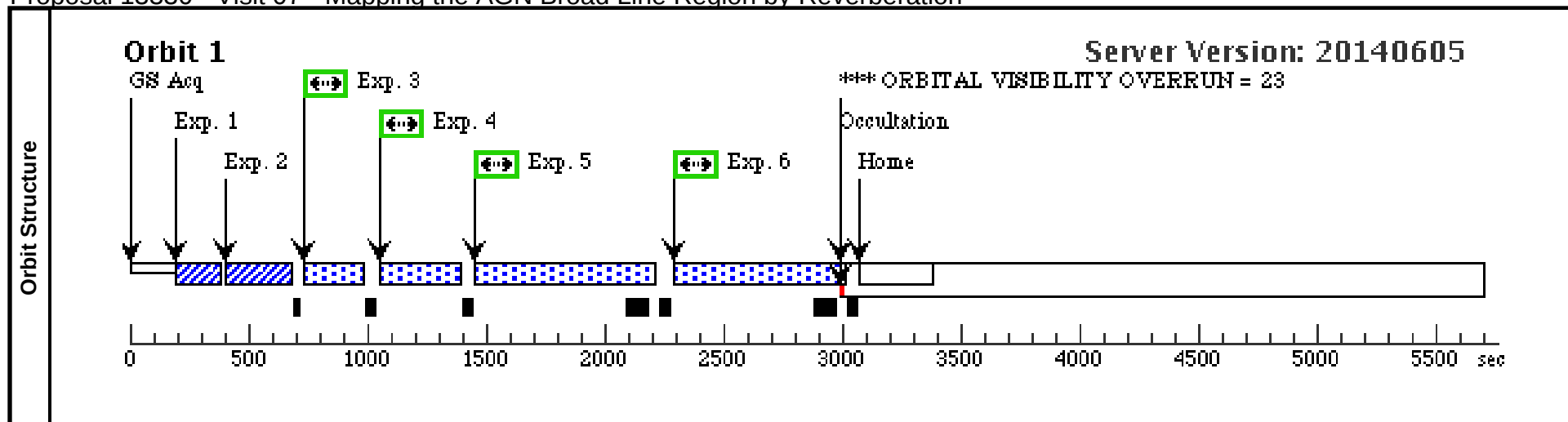
Proposal 13330 - Visit 06 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 06, completed										Wed Sep 10 01:10:36 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 111.606 H TO 123.606 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 06) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 06) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



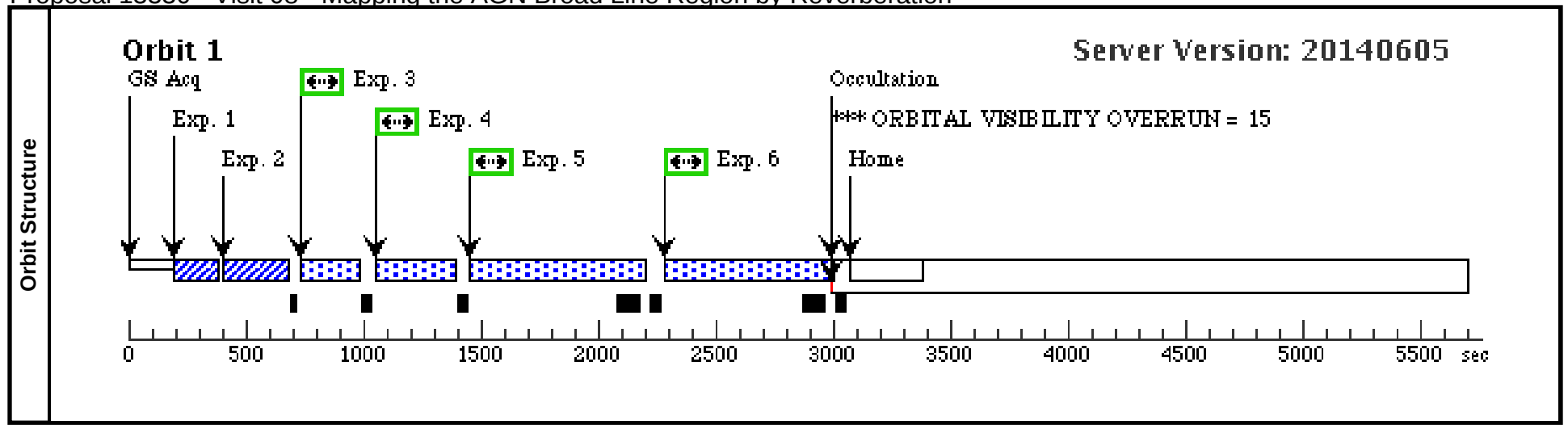
Proposal 13330 - Visit 07 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 07, completed										Wed Sep 10 01:10:36 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 135.1272 H TO 147.1272 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 07) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 07) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



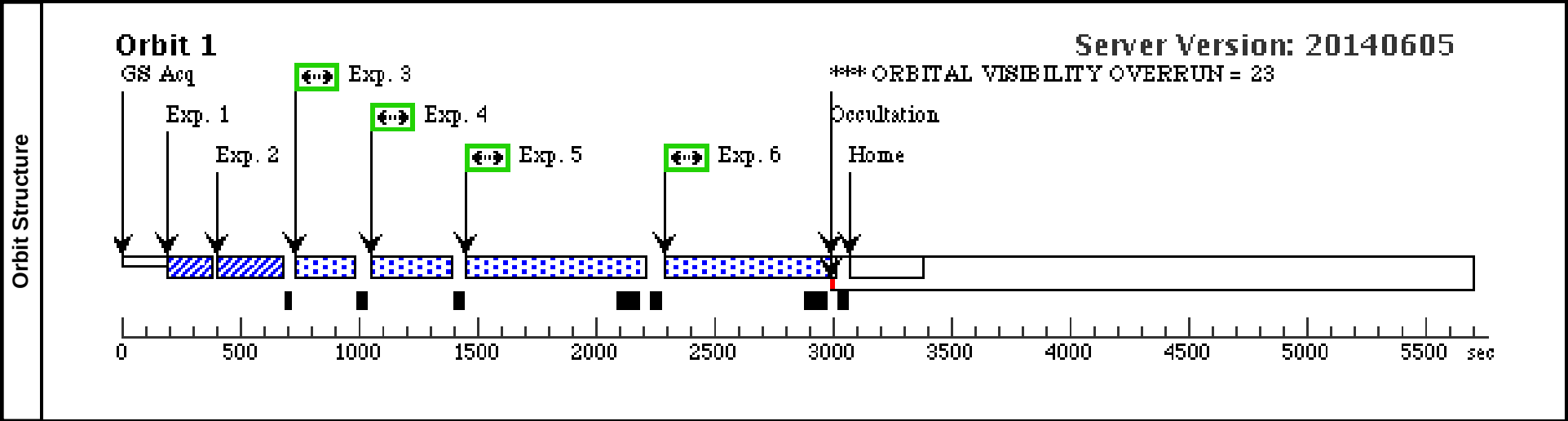
Proposal 13330 - Visit 08 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 08, completed										Wed Sep 10 01:10:36 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 158.6484 H TO 170.6484 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 08) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 08) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS					
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



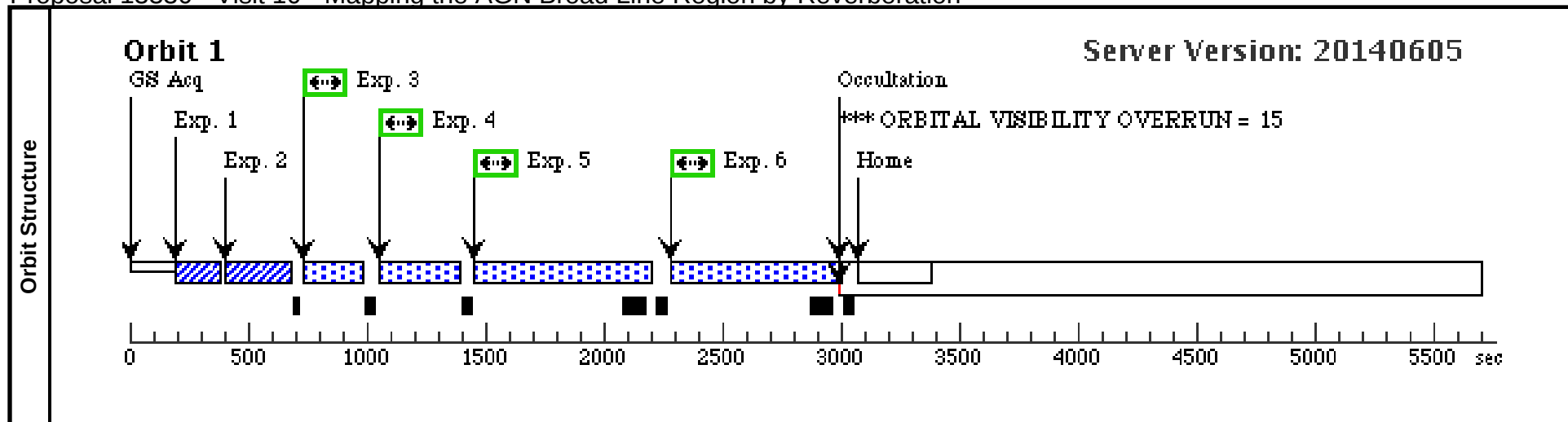
Proposal 13330 - Visit 09 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 09, completed										Wed Sep 10 01:10:37 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 182.1696 H TO 194.1696 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 09) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 09) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



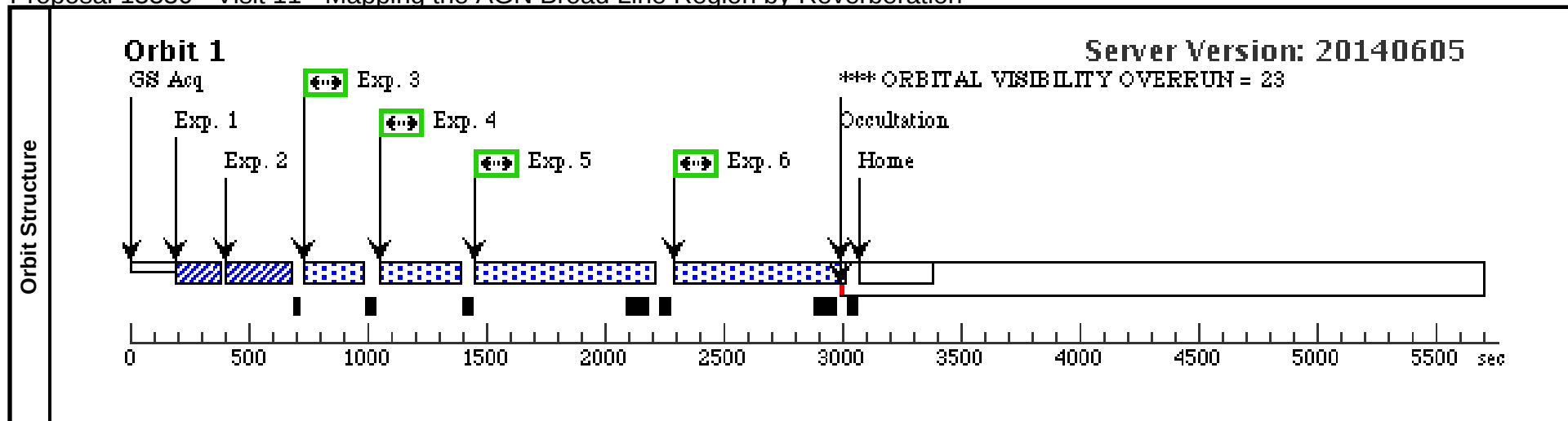
Proposal 13330 - Visit 10 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 10, completed										Wed Sep 10 01:10:37 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 205.6908 H TO 217.6908 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 10) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 10) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



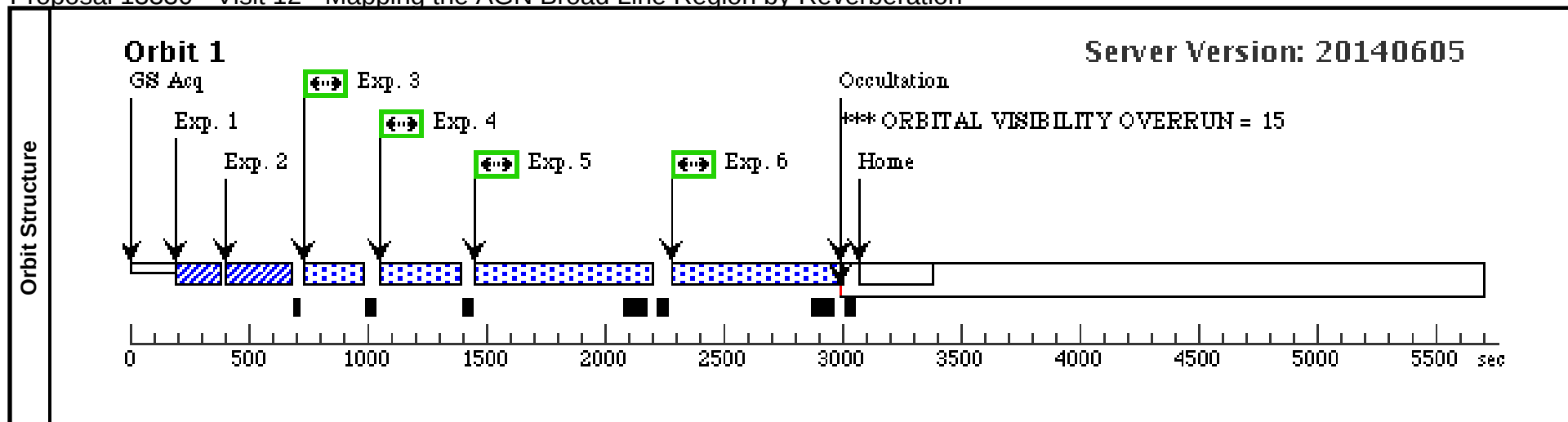
Proposal 13330 - Visit 11 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 11, completed										Wed Sep 10 01:10:37 GMT 2014			
	Diagnostic Status: Warning													
	Scientific Instruments: COS/FUV													
	Special Requirements: SCHED 100%; AFTER 01 BY 229.212 H TO 241.212 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125													
Diagnostics	(Visit 11) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.													
	(Visit 11) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d)				V=13.7		Reference Frame: ICRS					
			Dec: +25 08 12.44 (25.13679d)				flam=4.39e-14 at 1360 A (historical mean)							
			Equinox: J2000											
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]		
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.													
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]		
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.													
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]		
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]		
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]		
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]		



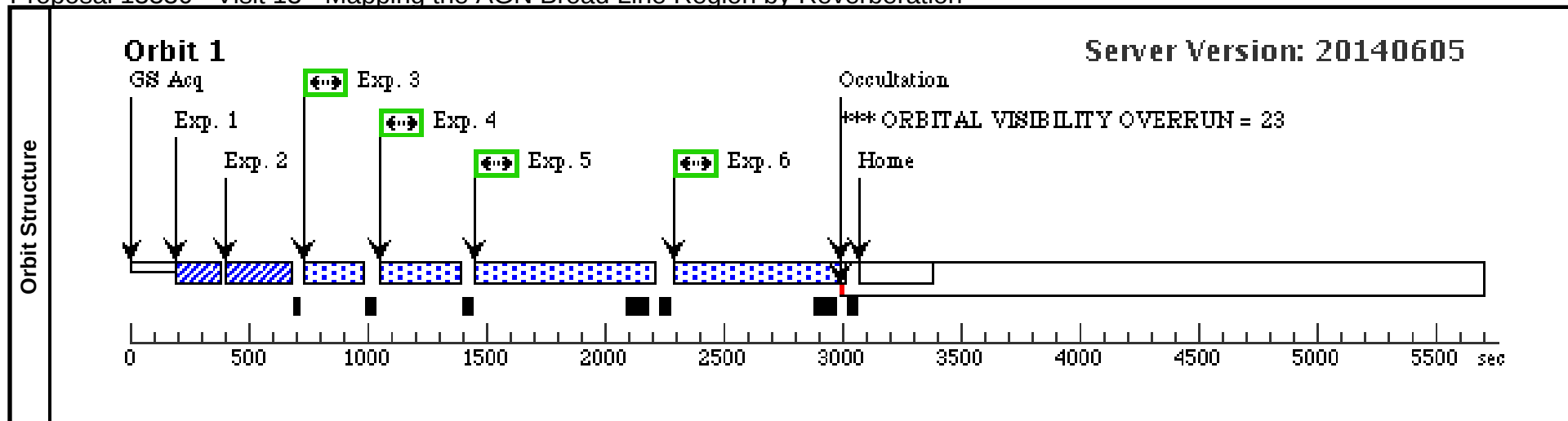
Proposal 13330 - Visit 12 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 12, completed										Wed Sep 10 01:10:37 GMT 2014			
	Diagnostic Status: Warning													
	Scientific Instruments: COS/FUV													
	Special Requirements: SCHED 100%; AFTER 01 BY 252.7332 H TO 264.7332 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125													
Diagnostics	(Visit 12) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
	(Visit 12) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.													
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS					
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit			
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)					
									[==>]		[1]			
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.													
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)					
									[==>]		[1]			
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.													
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)					
									[==>]		[1]			
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)					
									[==>]		[1]			
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)						
								[==>]		[1]				
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)						
								[==>]		[1]				



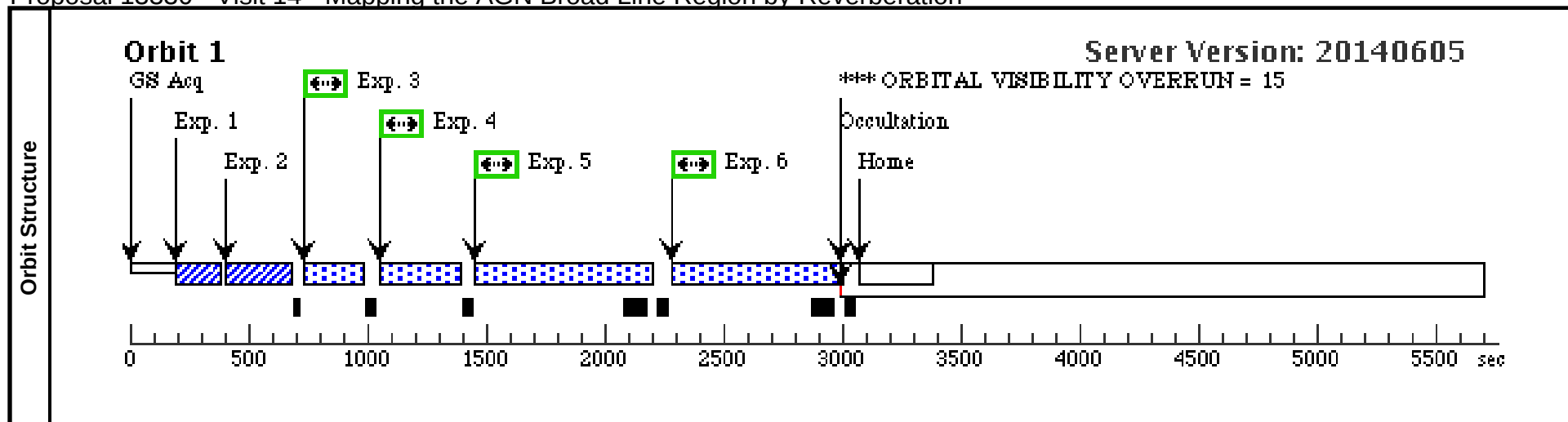
Proposal 13330 - Visit 13 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 13, completed										Wed Sep 10 01:10:37 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 276.2544 H TO 288.2544 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 13) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 13) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)			
								[==>]		[1]	
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)			
								[==>]		[1]	



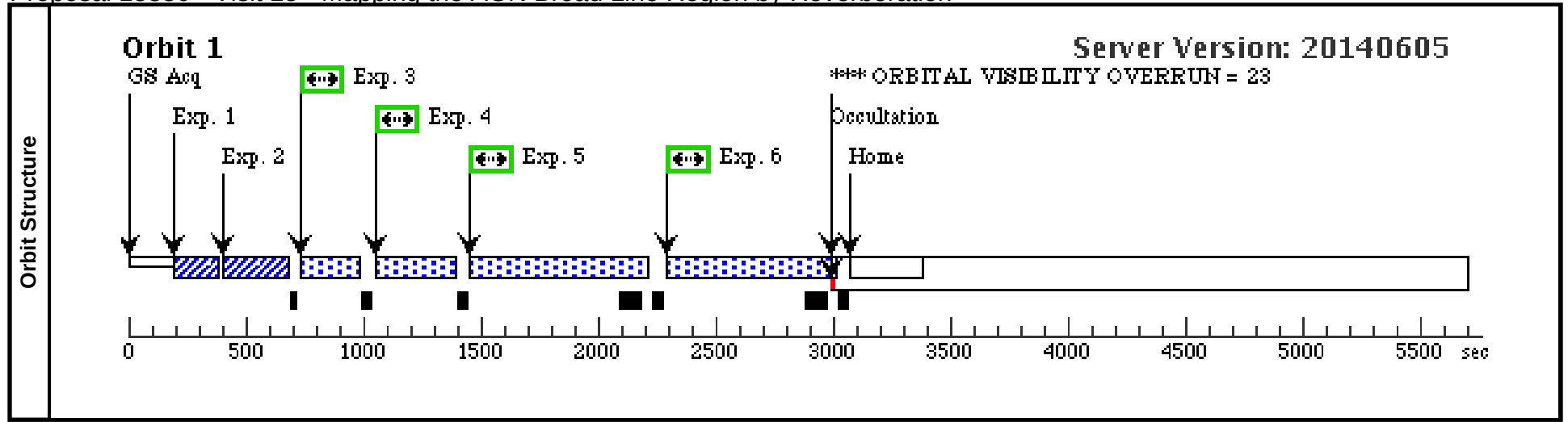
Proposal 13330 - Visit 14 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 14, completed										Wed Sep 10 01:10:37 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 299.7756 H TO 311.7756 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 14) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 14) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



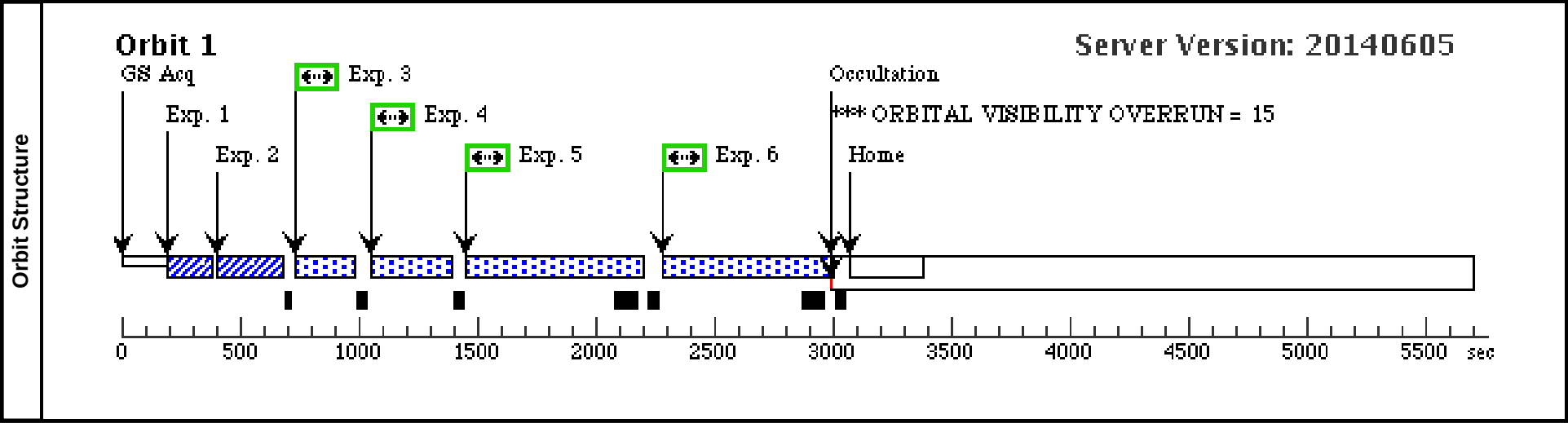
Proposal 13330 - Visit 15 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 15, failed										Wed Sep 10 01:10:37 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 323.2968 H TO 335.2968 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 15) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 15) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



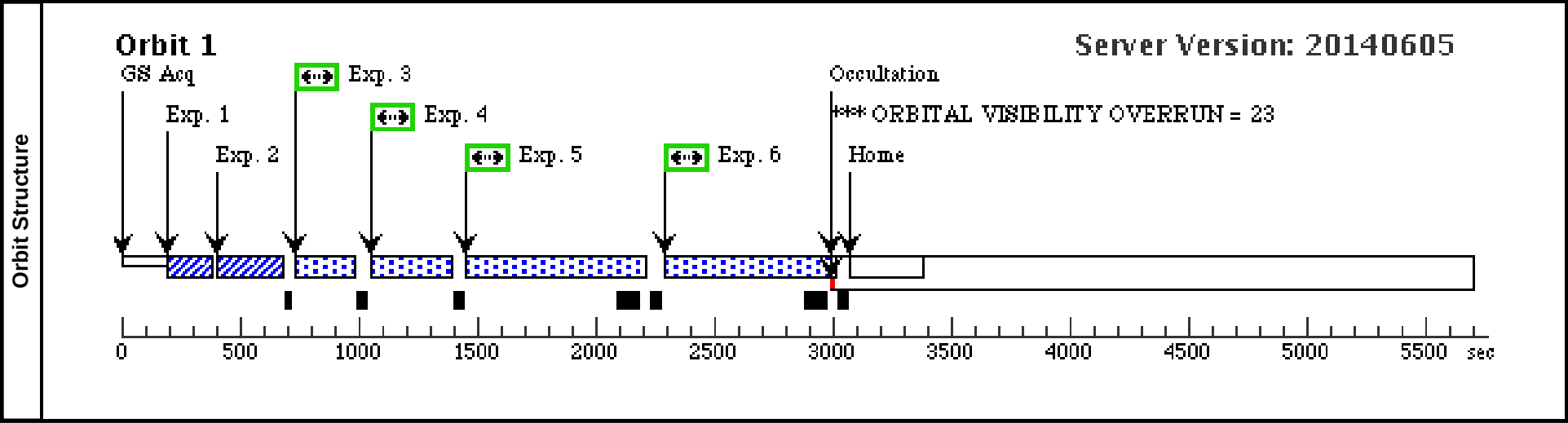
Proposal 13330 - Visit 16 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 16, completed										Wed Sep 10 01:10:37 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 346.818 H TO 358.818 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 16) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 16) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



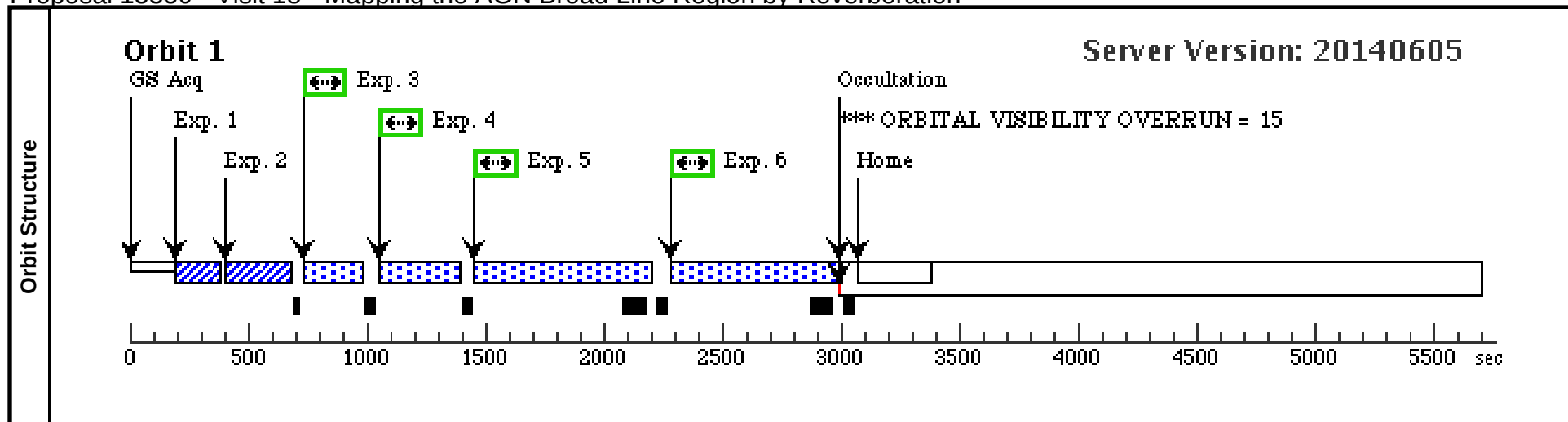
Proposal 13330 - Visit 17 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 17, completed										Wed Sep 10 01:10:37 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 370.3392 H TO 382.3392 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 17) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 17) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



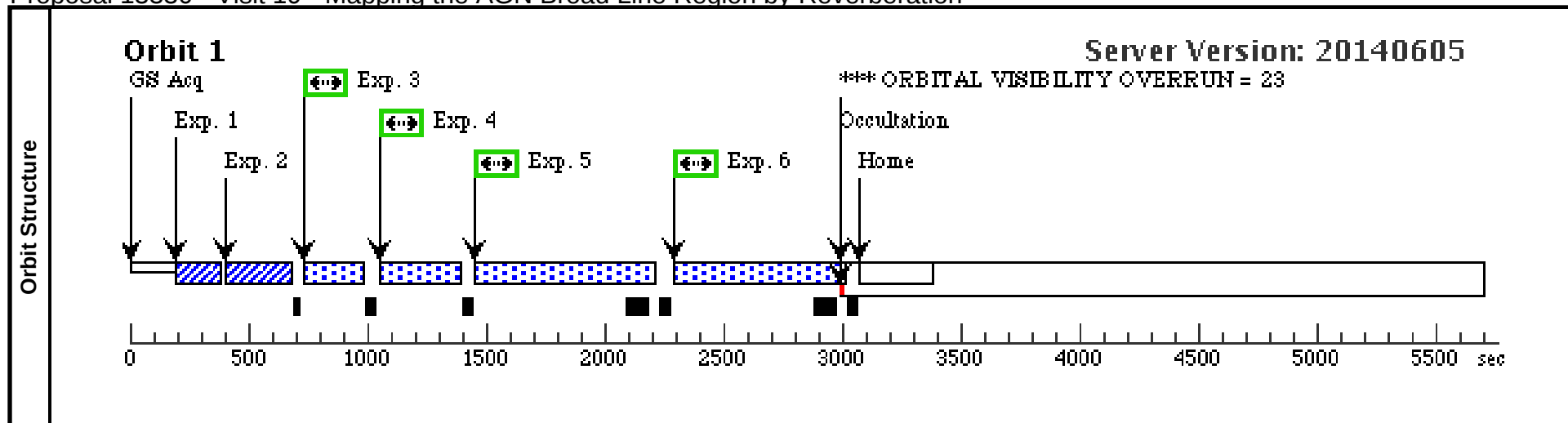
Proposal 13330 - Visit 18 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 18, completed										Wed Sep 10 01:10:37 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 393.8604 H TO 405.8604 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 18) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 18) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)			
									[==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)			
									[==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)			
									[==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)			
									[==>]		[1]	
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)				
								[==>]		[1]		
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)				
								[==>]		[1]		



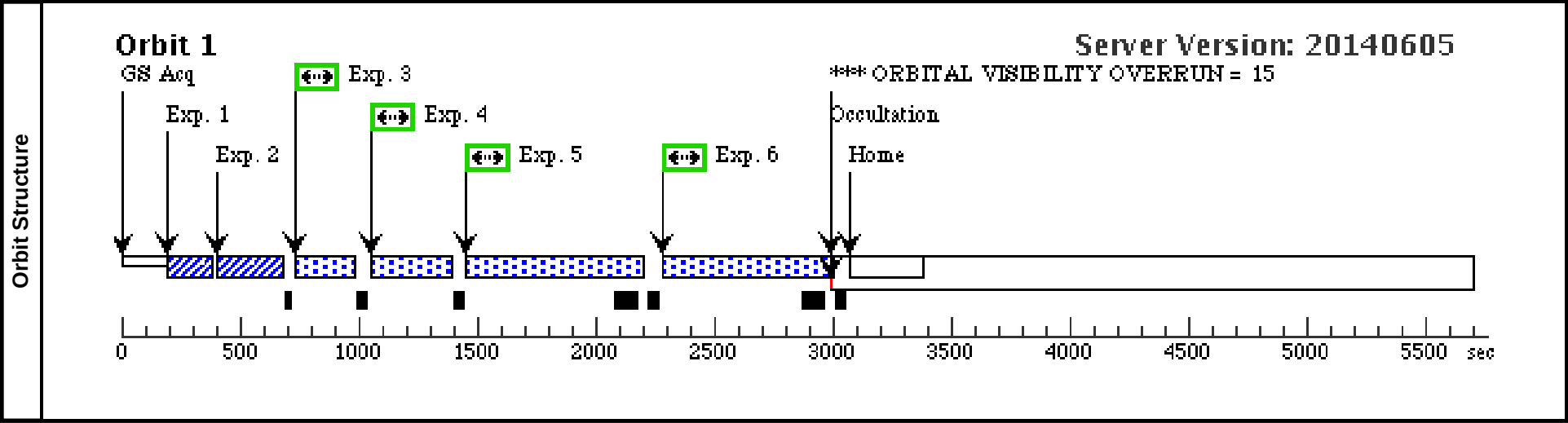
Proposal 13330 - Visit 19 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 19, completed										Wed Sep 10 01:10:37 GMT 2014			
	Diagnostic Status: Warning													
	Scientific Instruments: COS/FUV													
	Special Requirements: SCHED 100%; AFTER 01 BY 417.3816 H TO 429.3816 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125													
Diagnostics	(Visit 19) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
	(Visit 19) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.													
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit			
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)					
										[==>]	[1]			
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.													
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)					
										[==>]	[1]			
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.													
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)					
										[==>]	[1]			
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)					
										[==>]	[1]			
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)						
									[==>]	[1]				
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)						
									[==>]	[1]				



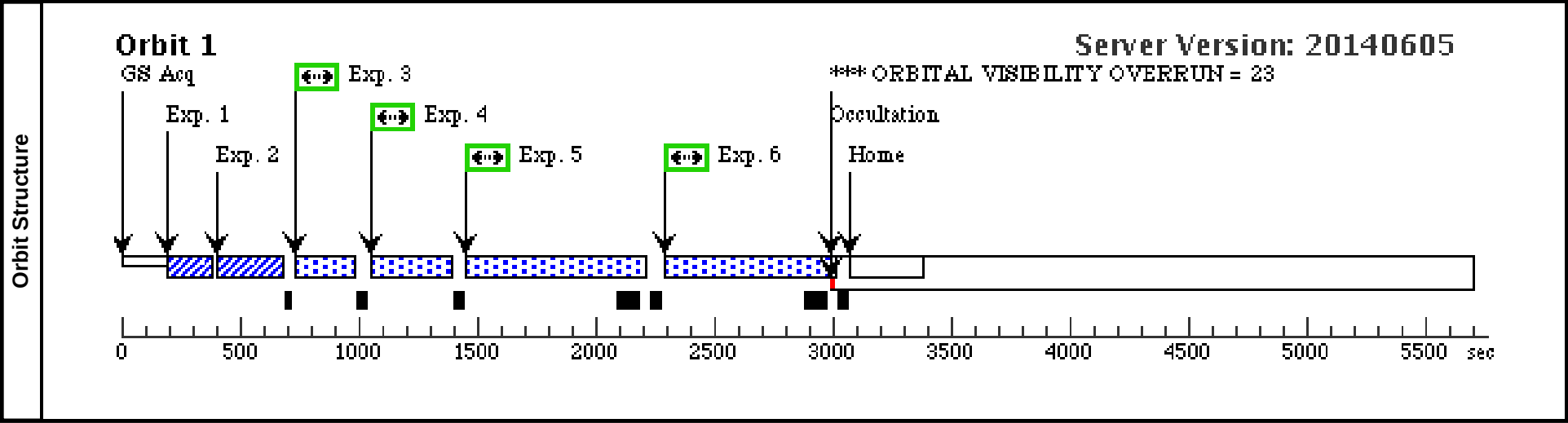
Proposal 13330 - Visit 20 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 20, completed										Wed Sep 10 01:10:37 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 440.9028 H TO 452.9028 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 20) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 20) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



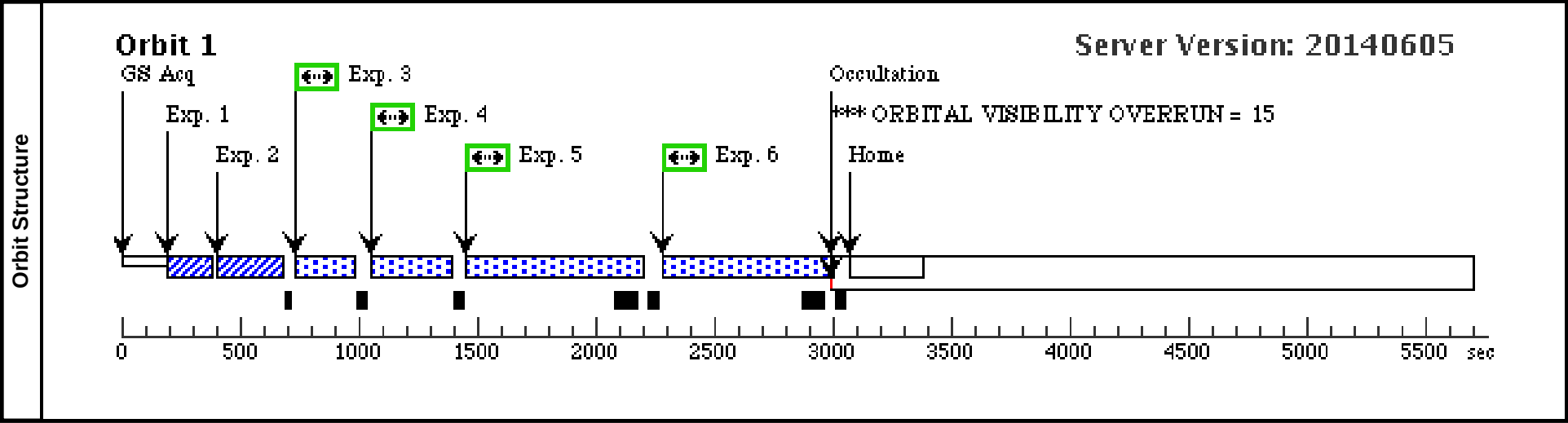
Proposal 13330 - Visit 21 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 21, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 464.424 H TO 476.424 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 21) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 21) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



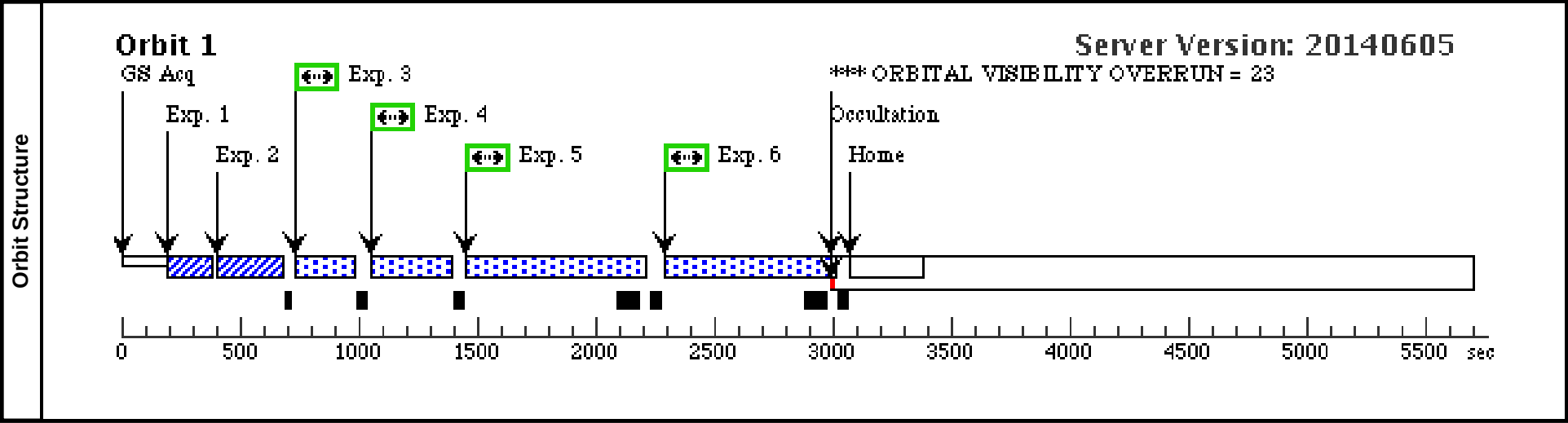
Proposal 13330 - Visit 22 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 22, completed										Wed Sep 10 01:10:40 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 487.9452 H TO 499.9452 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 22) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 22) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)			
								[==>]		[1]	
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)			
								[==>]		[1]	



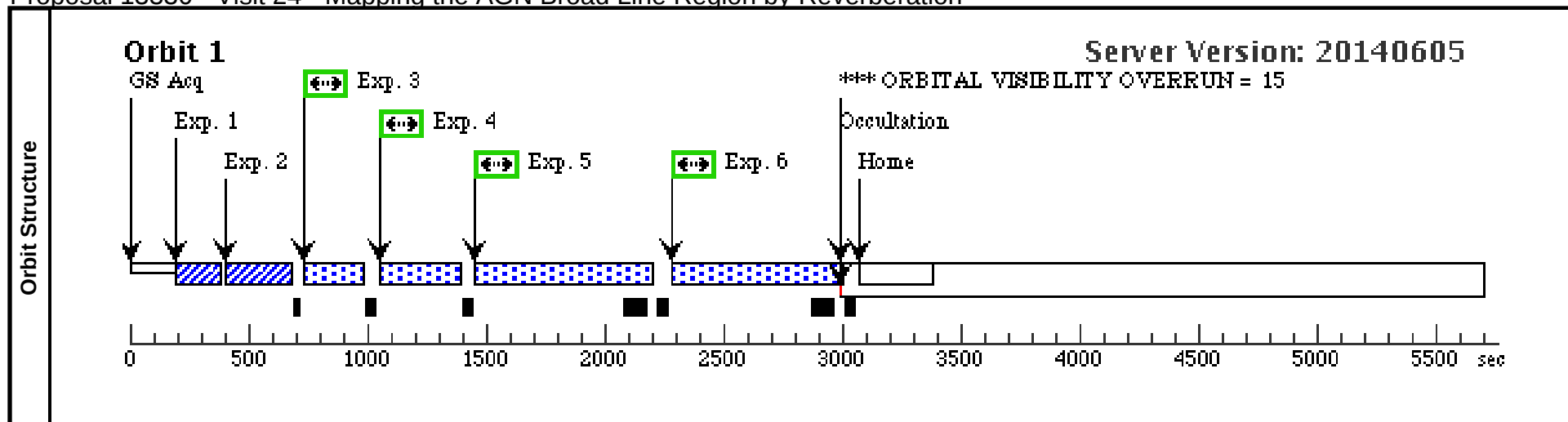
Proposal 13330 - Visit 23 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 23, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 511.4664 H TO 523.4664 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 23) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 23) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



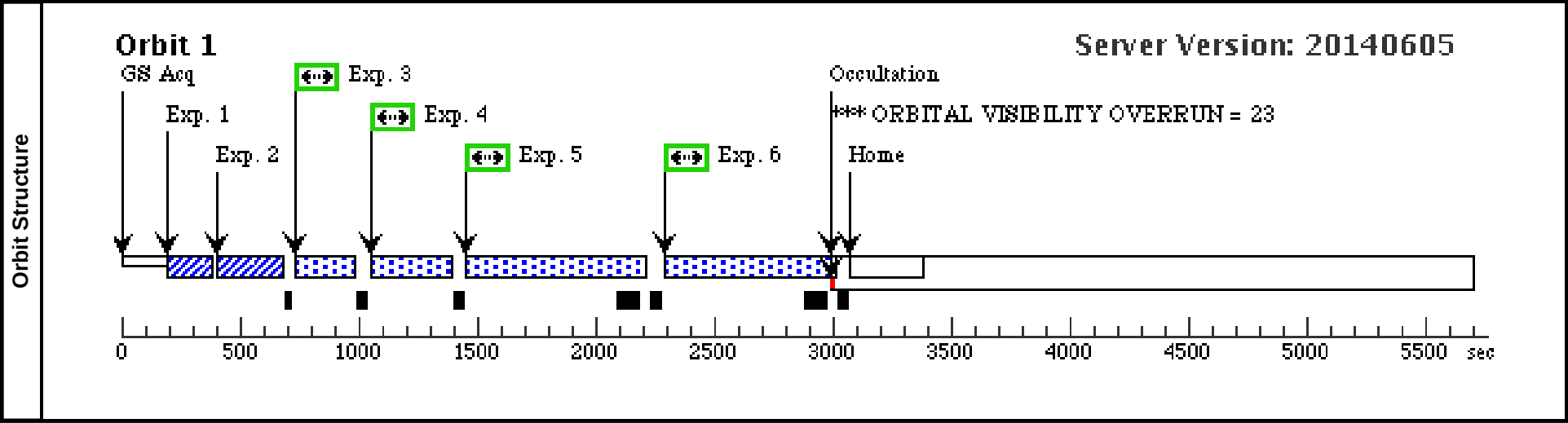
Proposal 13330 - Visit 24 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 24, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 534.9876 H TO 546.9876 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 24) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 24) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



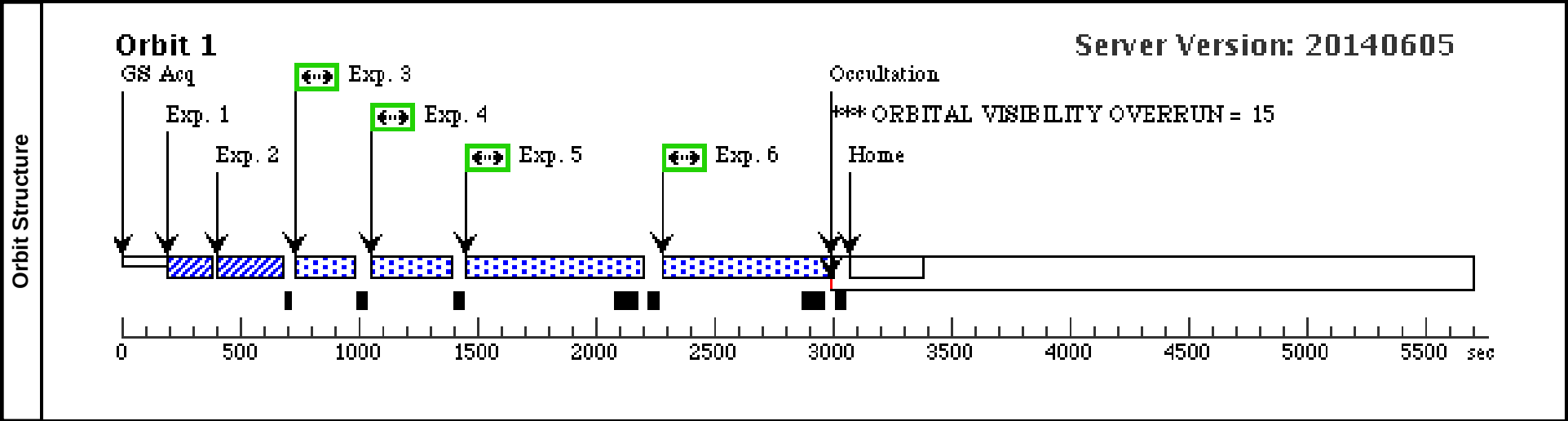
Proposal 13330 - Visit 25 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 25, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 558.5088 H TO 570.5088 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 25) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 25) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



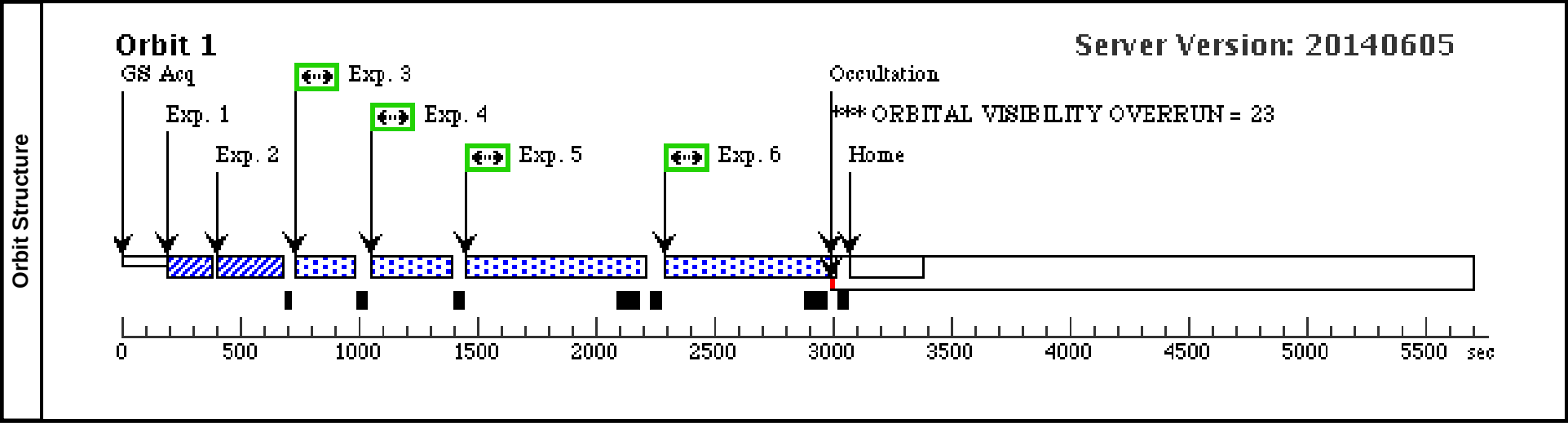
Proposal 13330 - Visit 26 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 26, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 582.03 H TO 594.03 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 26) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 26) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



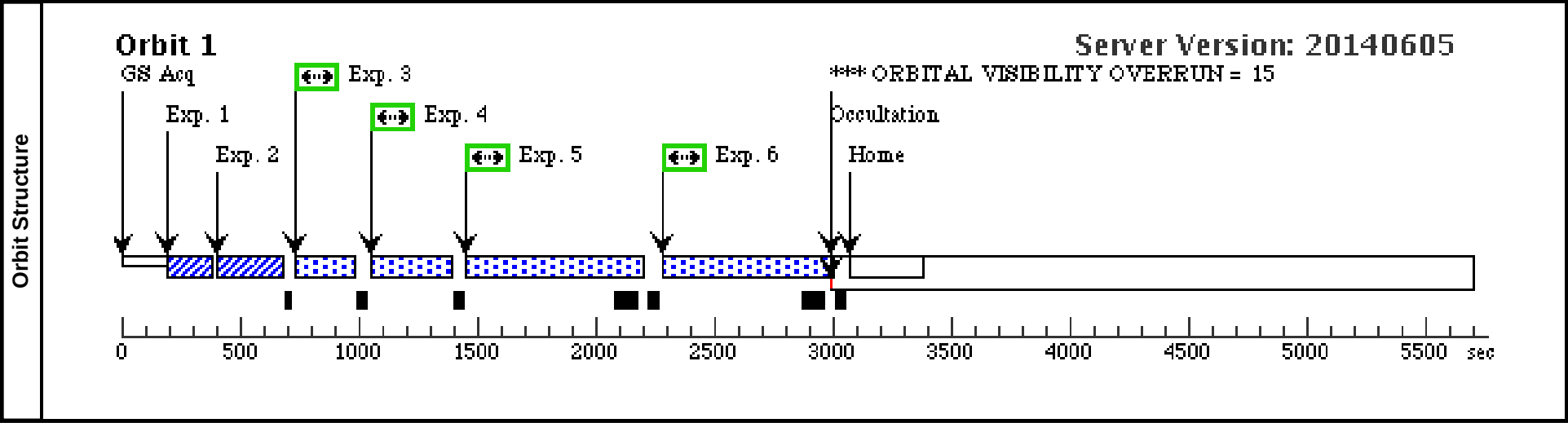
Proposal 13330 - Visit 27 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 27, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 605.5512 H TO 617.5512 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 27) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 27) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)			
										[==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)			
										[==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)			
										[==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)			
										[==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)			
										[==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)			
									[==>]	[1]		



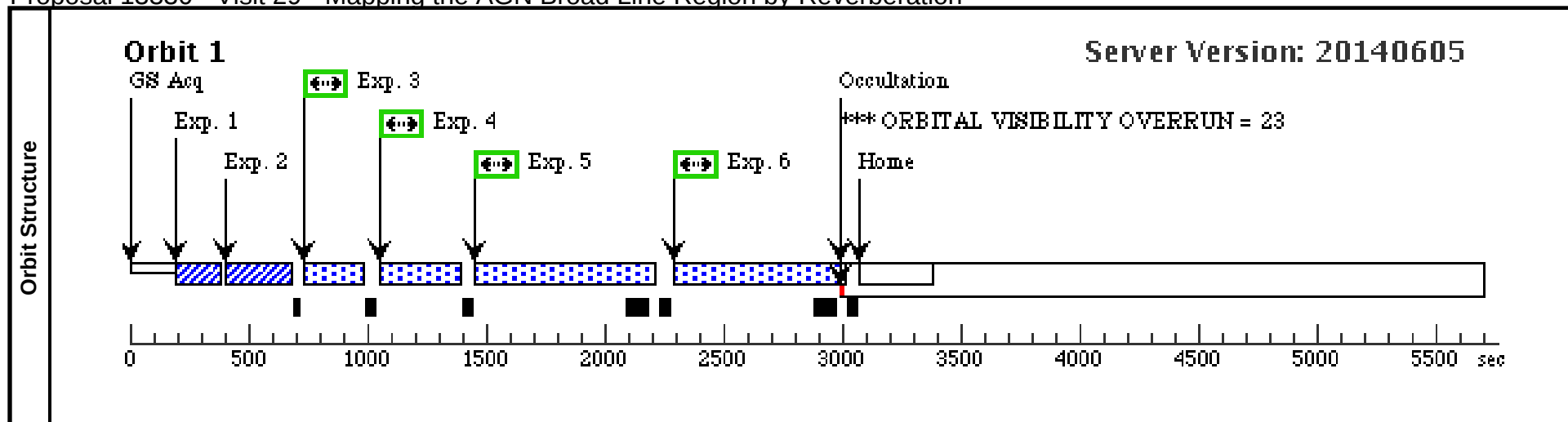
Proposal 13330 - Visit 28 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 28, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 629.0724 H TO 641.0724 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 28) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 28) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



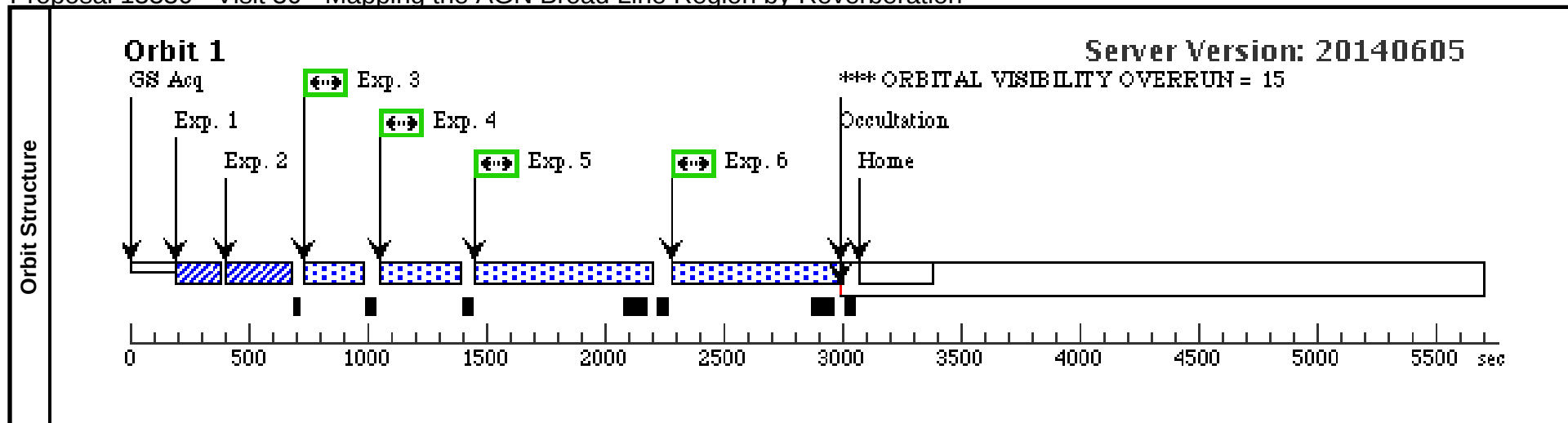
Proposal 13330 - Visit 29 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 29, failed										Wed Sep 10 01:10:40 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 652.5936 H TO 664.5936 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 29) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 29) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



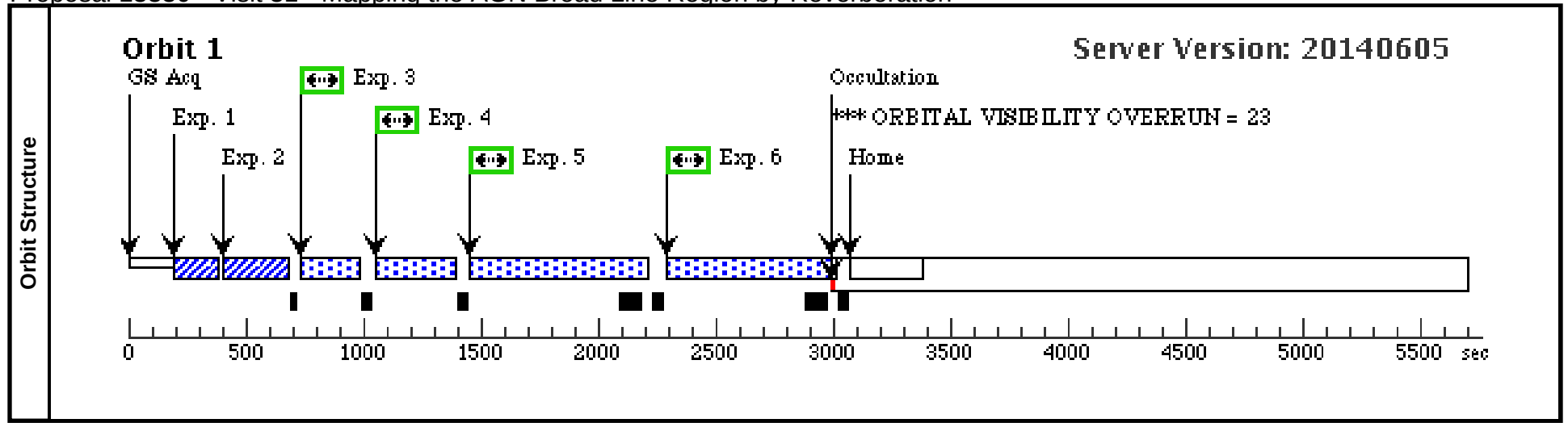
Proposal 13330 - Visit 30 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 30, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 676.1148 H TO 688.1148 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 30) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 30) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



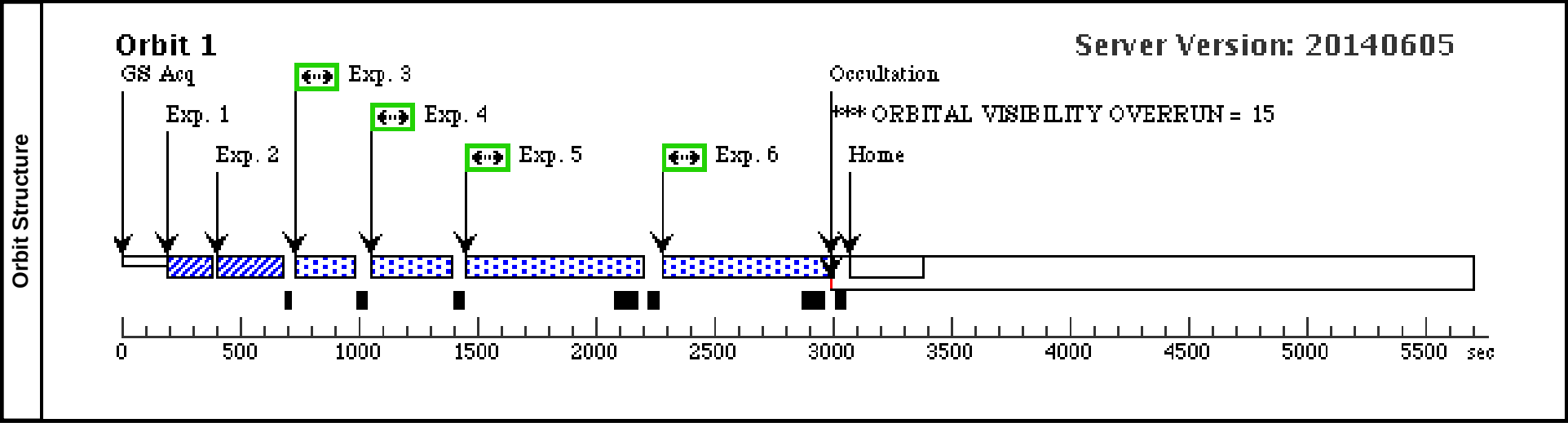
Proposal 13330 - Visit 31 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 31, completed										Wed Sep 10 01:10:40 GMT 2014		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/FUV												
	Special Requirements: SCHED 100%; AFTER 01 BY 699.636 H TO 711.636 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125												
Diagnostics	(Visit 31) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(Visit 31) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000			V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]		
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.												
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]		
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.												
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]		
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]		
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]		
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]		



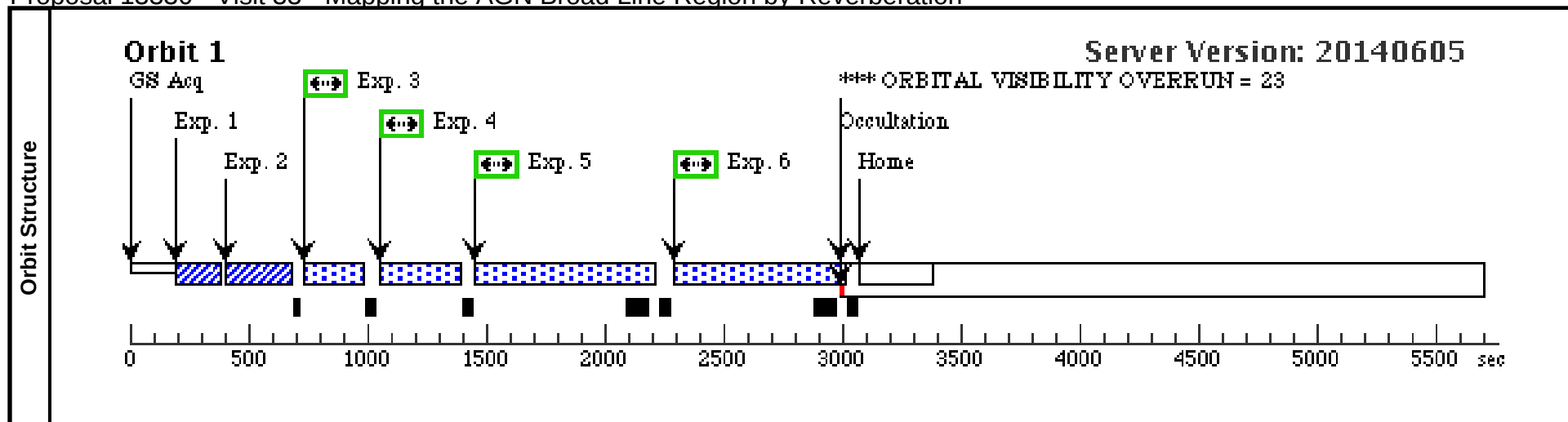
Proposal 13330 - Visit 32 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 32, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 723.1572 H TO 735.1572 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 32) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 32) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



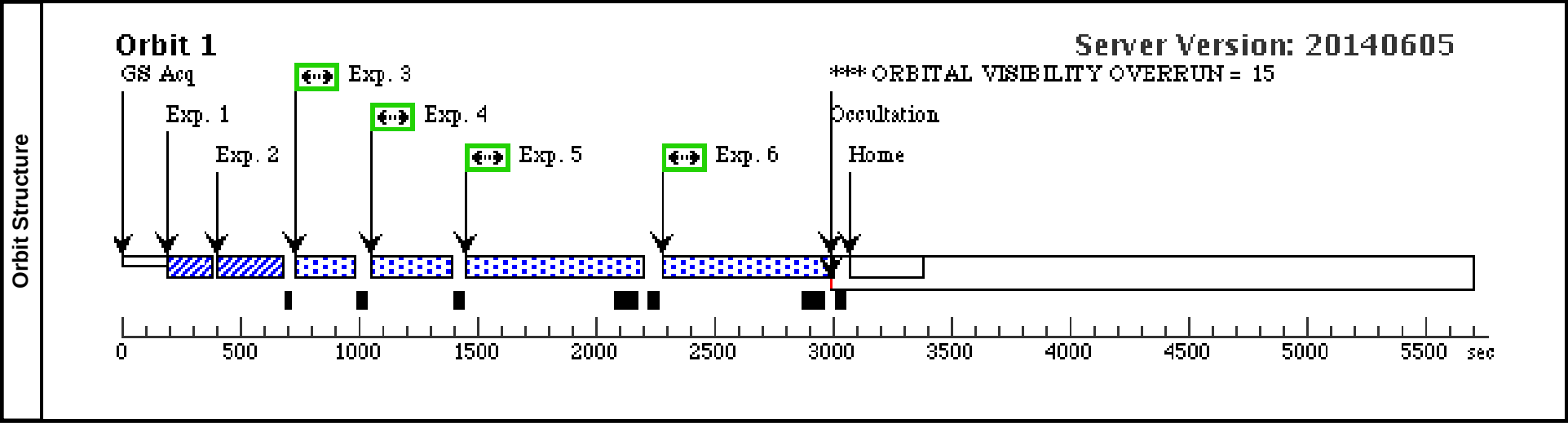
Proposal 13330 - Visit 33 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 33, completed										Wed Sep 10 01:10:40 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 746.6784 H TO 758.6784 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 33) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 33) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)			
								[==>]		[1]	
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)			
								[==>]		[1]	



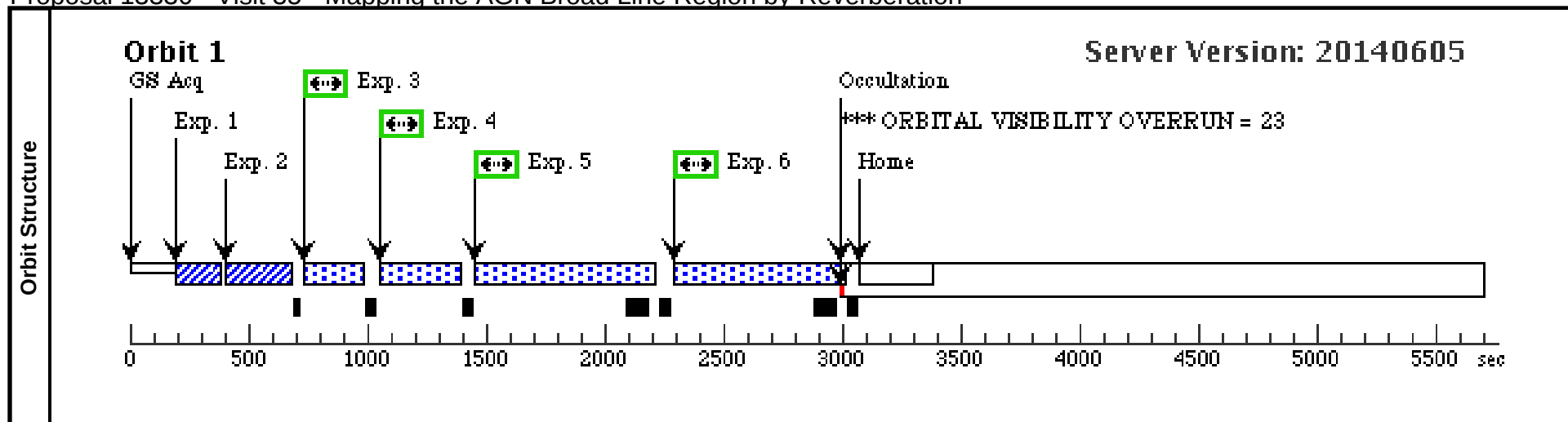
Proposal 13330 - Visit 34 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 34, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 770.1996 H TO 782.1996 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 34) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 34) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



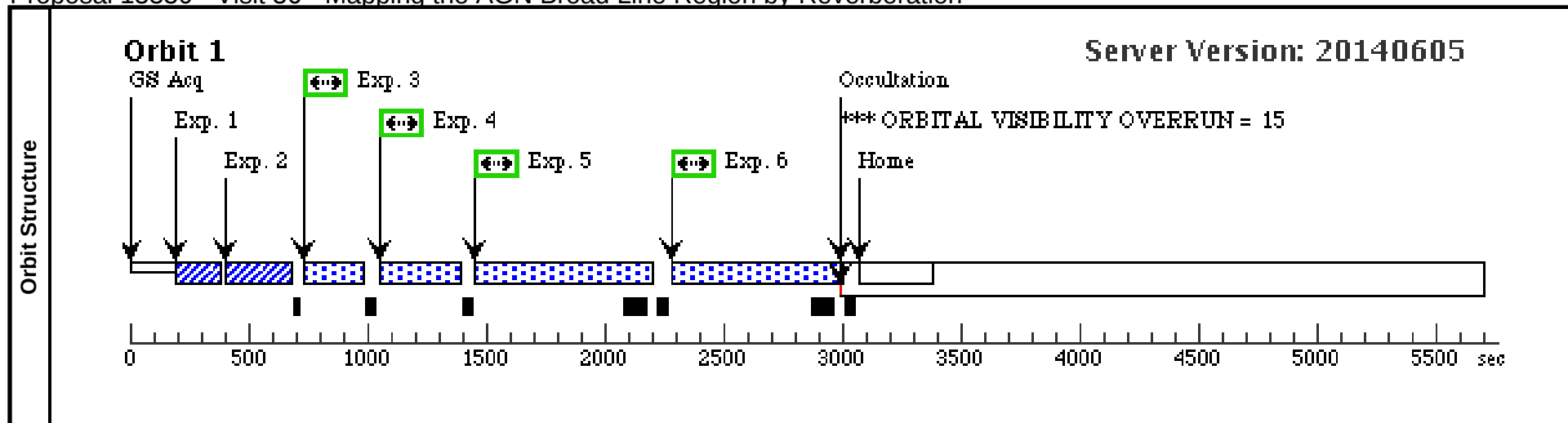
Proposal 13330 - Visit 35 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 35, withdrawn										Wed Sep 10 01:10:40 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.089:14:19:00 AND 2014.090:02:06:00										
Diagnostics	(Visit 35) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 35) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



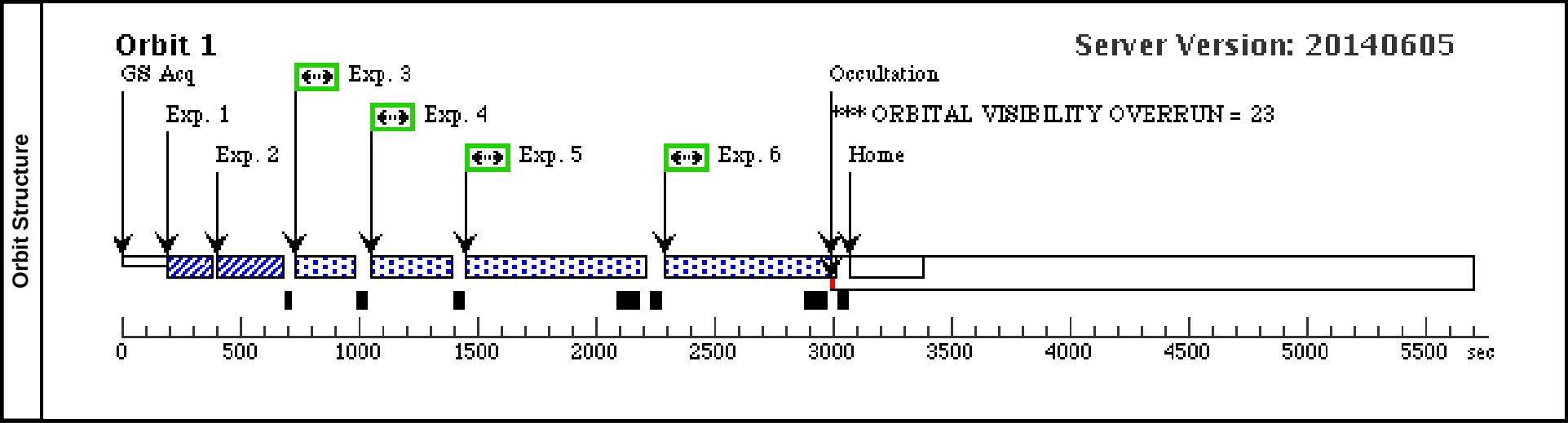
Proposal 13330 - Visit 36 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 36, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%											
Diagnostics	(Visit 36) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 36) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000			V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



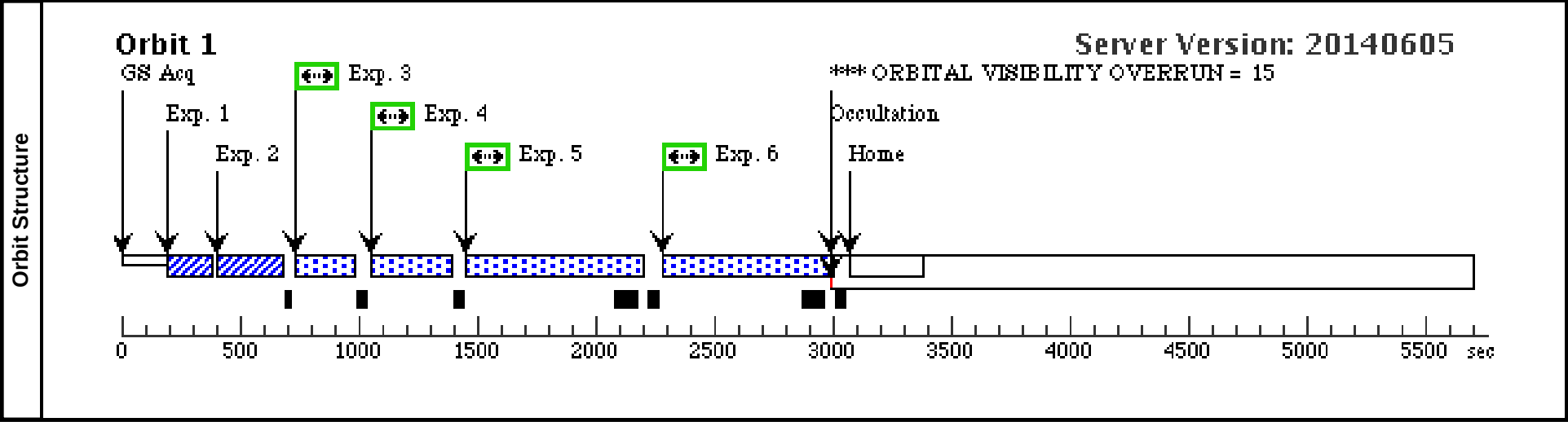
Proposal 13330 - Visit 37 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 37, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 840.7632 H TO 852.7632 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 37) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 37) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000			V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



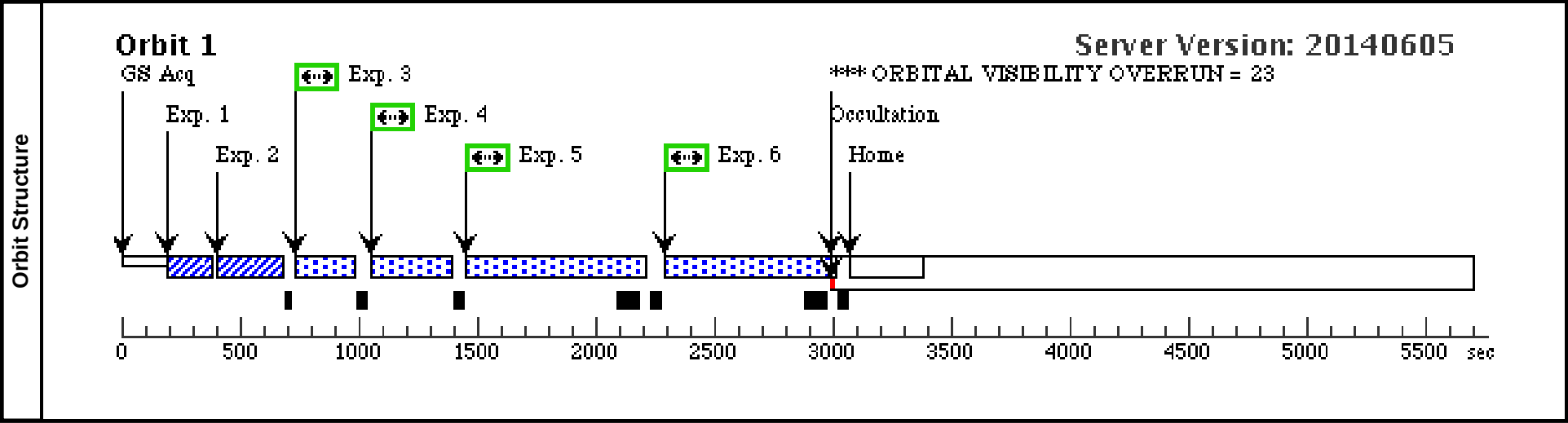
Proposal 13330 - Visit 38 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 38, completed										Wed Sep 10 01:10:40 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 864.2844 H TO 876.2844 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 38) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 38) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



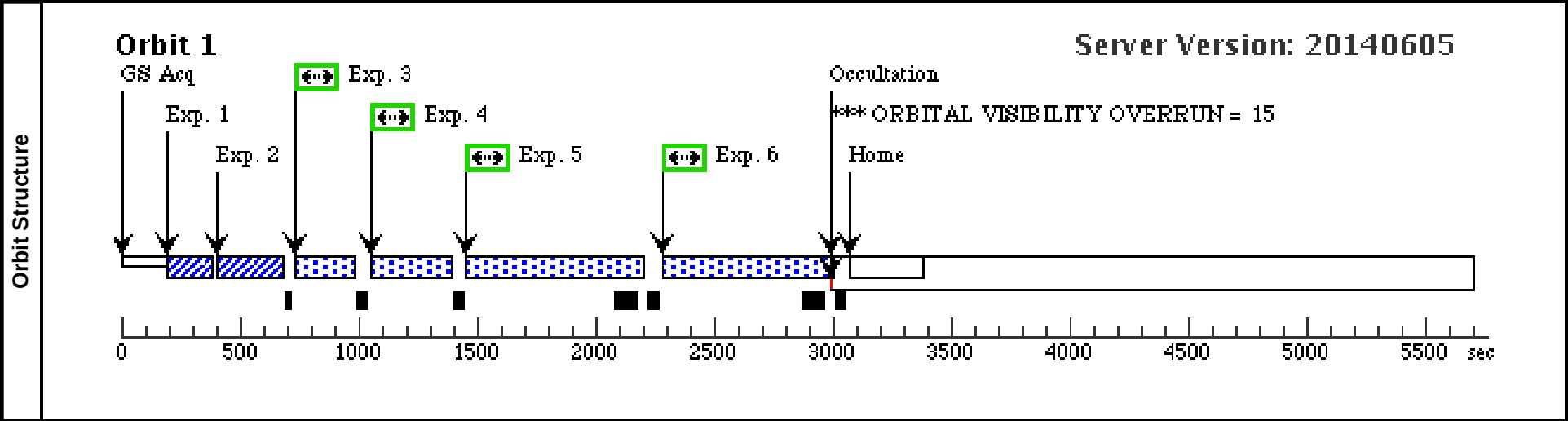
Proposal 13330 - Visit 39 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 39, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 887.8056 H TO 899.8056 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 39) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 39) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



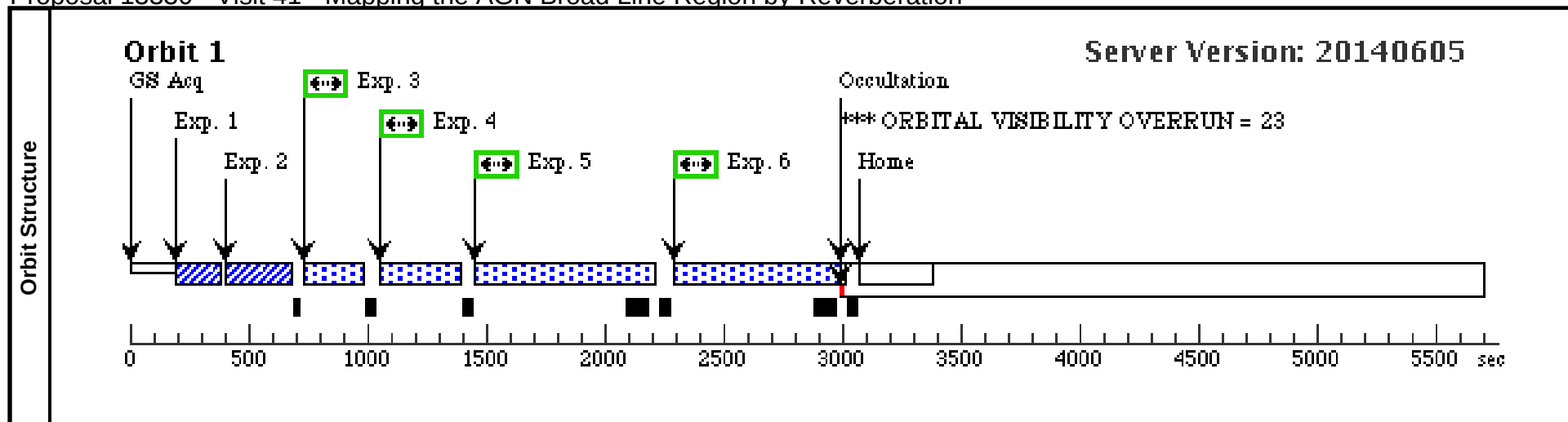
Proposal 13330 - Visit 40 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 40, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 911.3268 H TO 923.3268 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 40) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 40) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)			
										[==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)			
										[==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)			
										[==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)			
										[==>]	[1]	
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)				
									[==>]	[1]		
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)				
									[==>]	[1]		



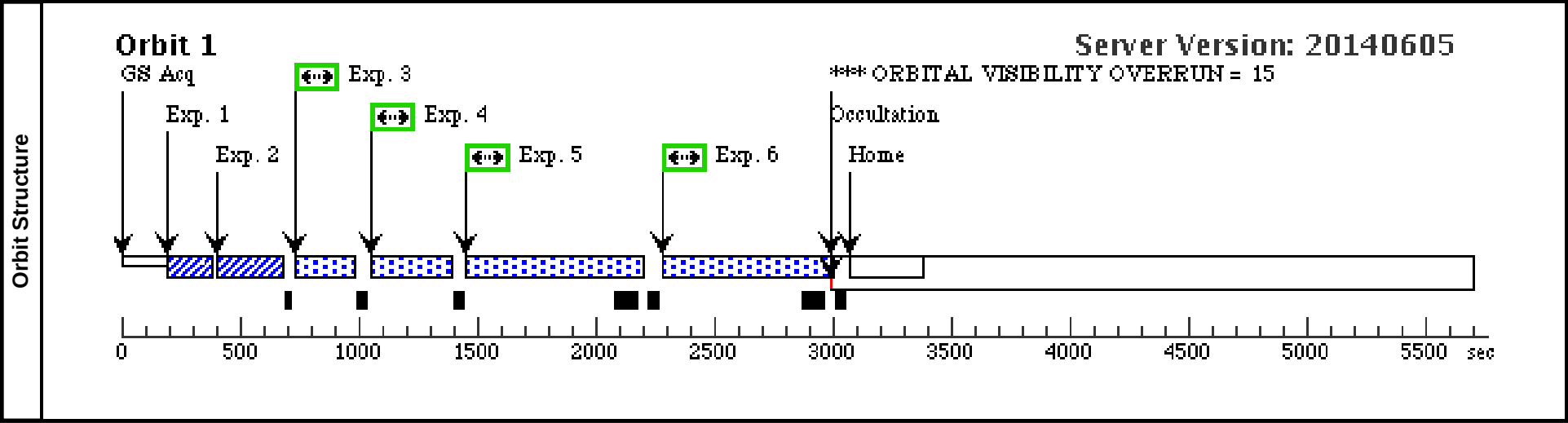
Proposal 13330 - Visit 41 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 41, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 934.848 H TO 946.848 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 41) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 41) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



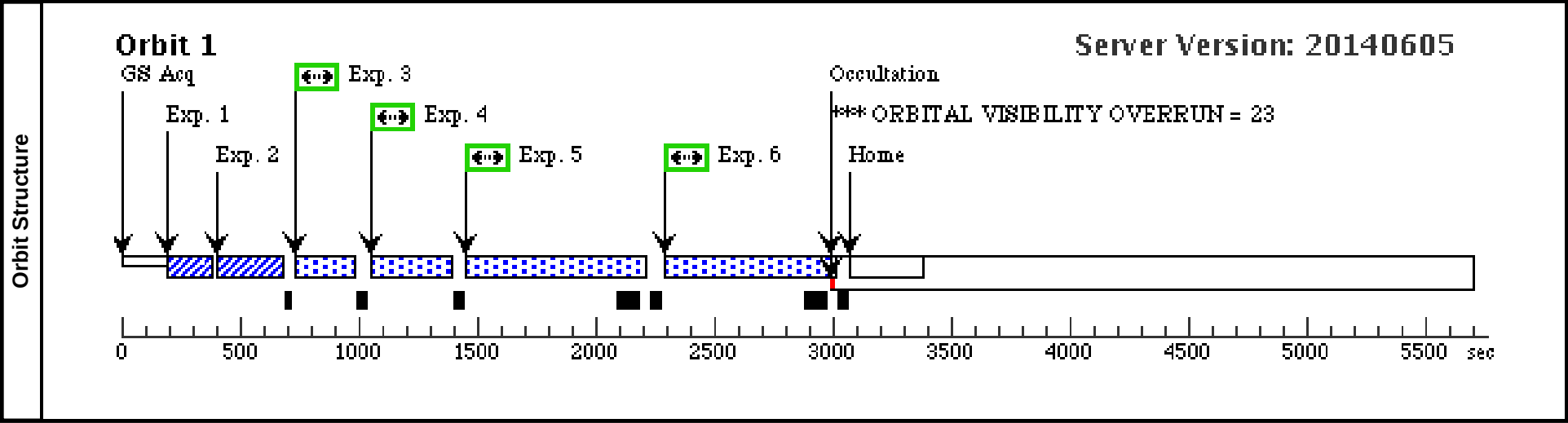
Proposal 13330 - Visit 42 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 42, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 958.3692 H TO 970.3692 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 42) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 42) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



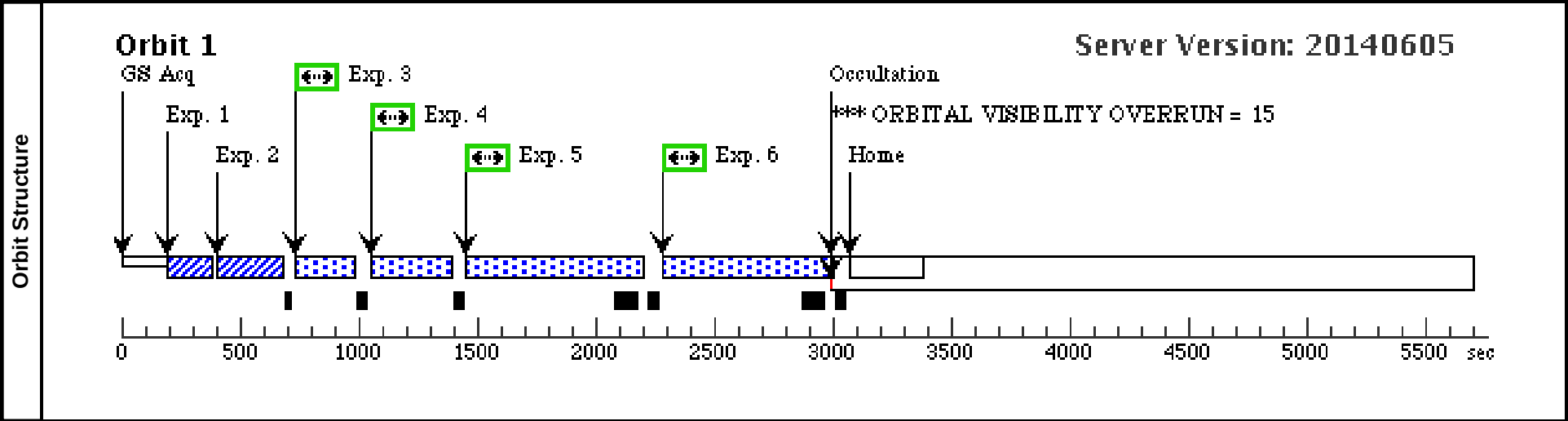
Proposal 13330 - Visit 43 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 43, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 981.8904 H TO 993.8904 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 43) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 43) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



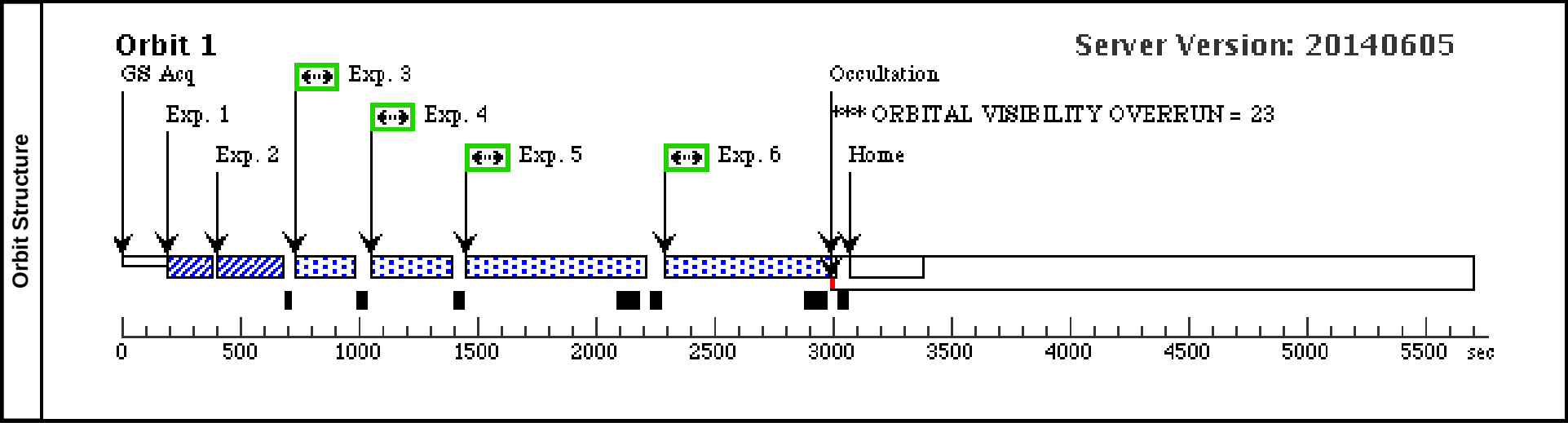
Proposal 13330 - Visit 44 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 44, completed										Wed Sep 10 01:10:41 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; AFTER 01 BY 1005.4116 H TO 1017.4116 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125										
Diagnostics	(Visit 44) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 44) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)			
								[==>]		[1]	
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)			
								[==>]		[1]	



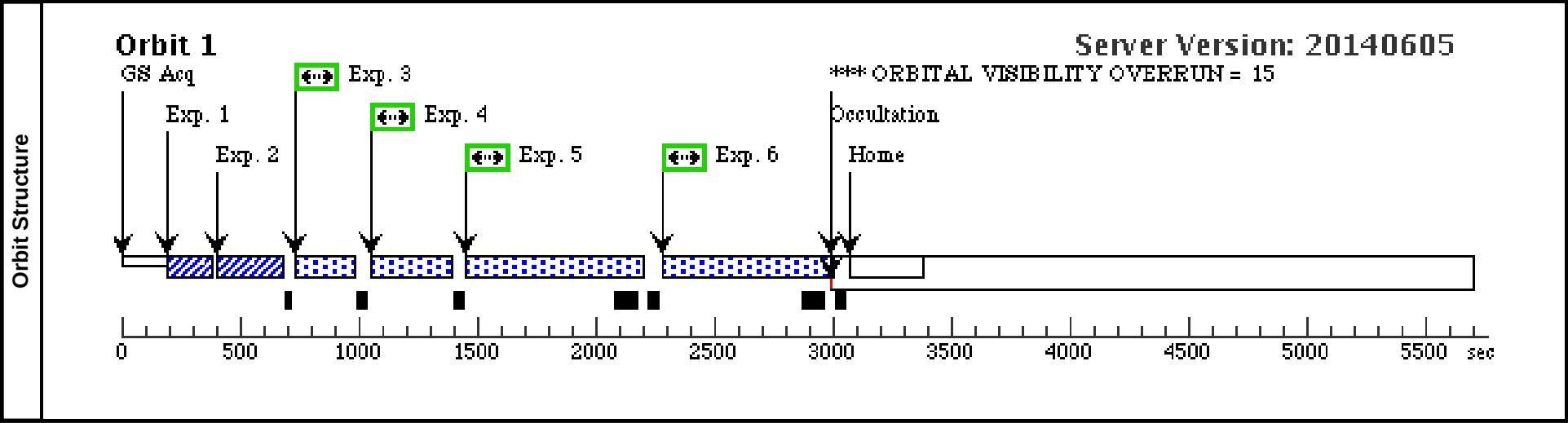
Proposal 13330 - Visit 45 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 45, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 16-MAR-2014:23:07:00 AND 17-MAR-2014:15:17:00											
Diagnostics	(Visit 45) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 45) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000			V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



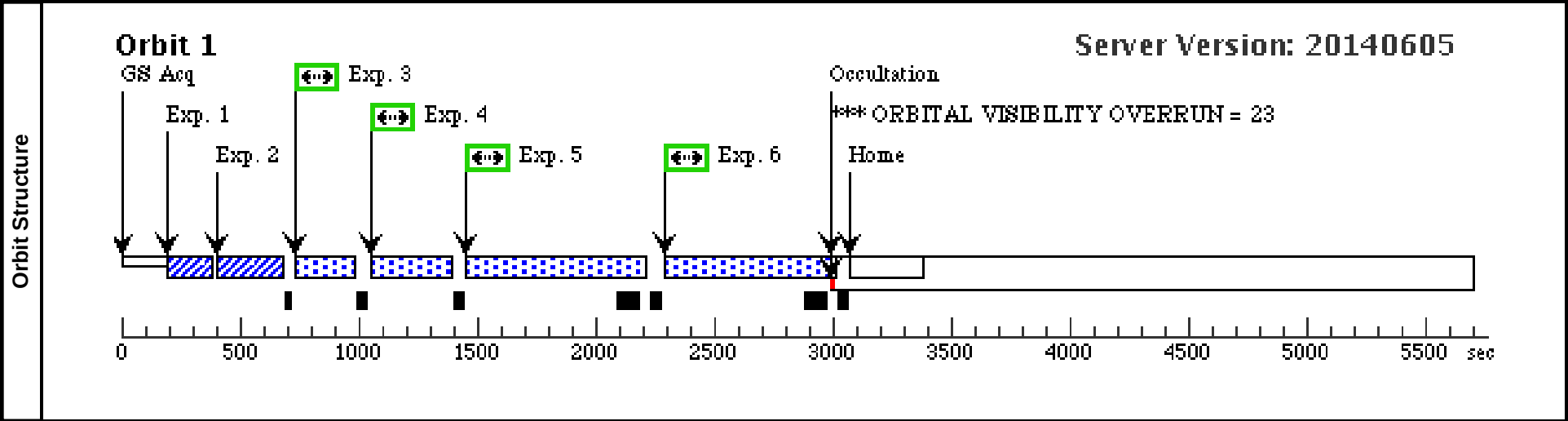
Proposal 13330 - Visit 46 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 46, completed										Wed Sep 10 01:10:41 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 17-MAR-2014:22:47:00 AND 18-MAR-2014:14:51										
Diagnostics	(Visit 46) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 46) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



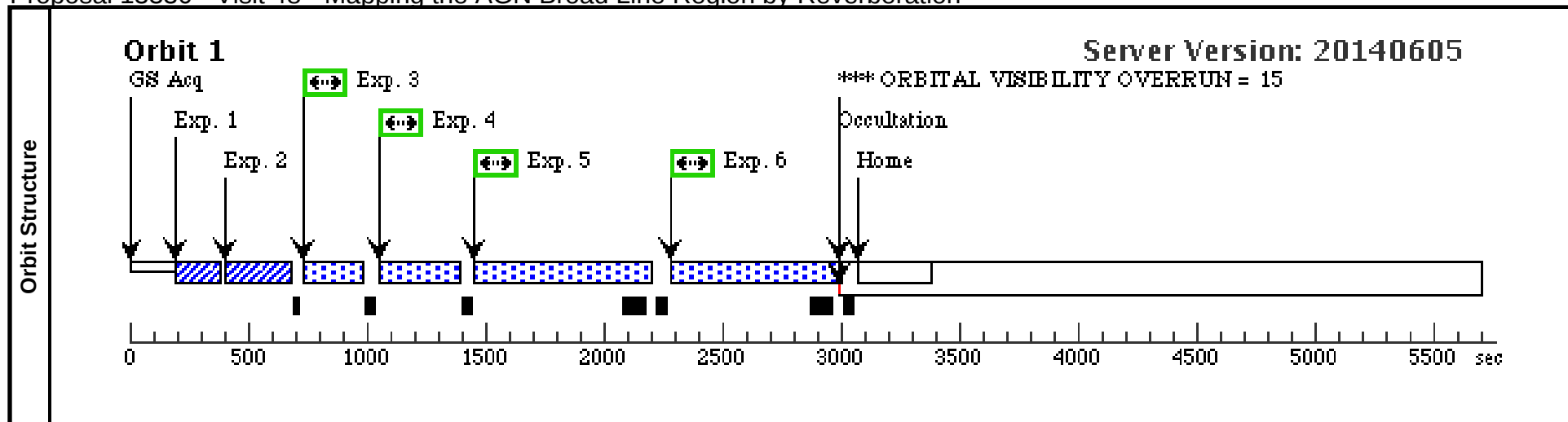
Proposal 13330 - Visit 47 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 47, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 18-MAR-2014:22:20:00 AND 19-MAR-2014:14:19:00											
Diagnostics	(Visit 47) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 47) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



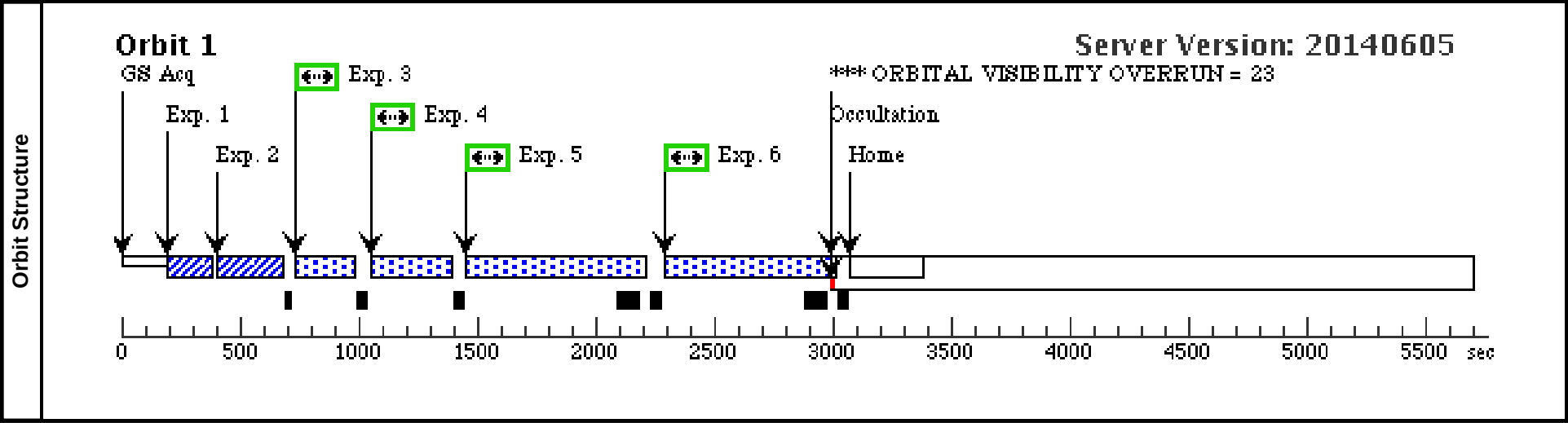
Proposal 13330 - Visit 48 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 48, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 19-MAR-2014:21:48:00 AND 20-MAR-2014:13:58:00											
Diagnostics	(Visit 48) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 48) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



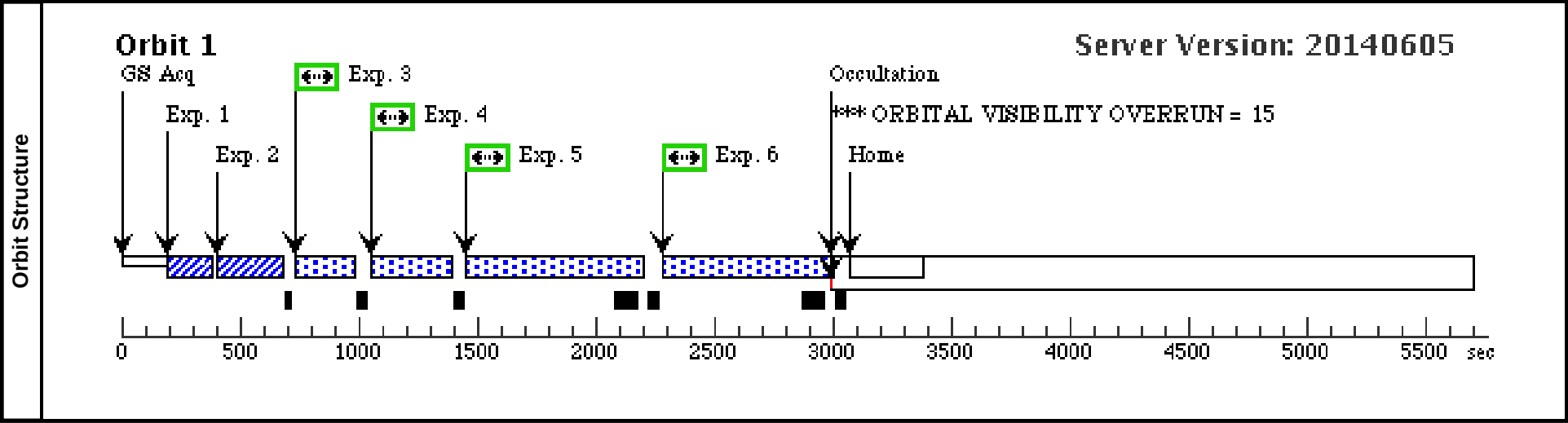
Proposal 13330 - Visit 49 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 49, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 20-MAR-2014:21:27:00 AND 21-MAR-2014:13:20:00											
Diagnostics	(Visit 49) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 49) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



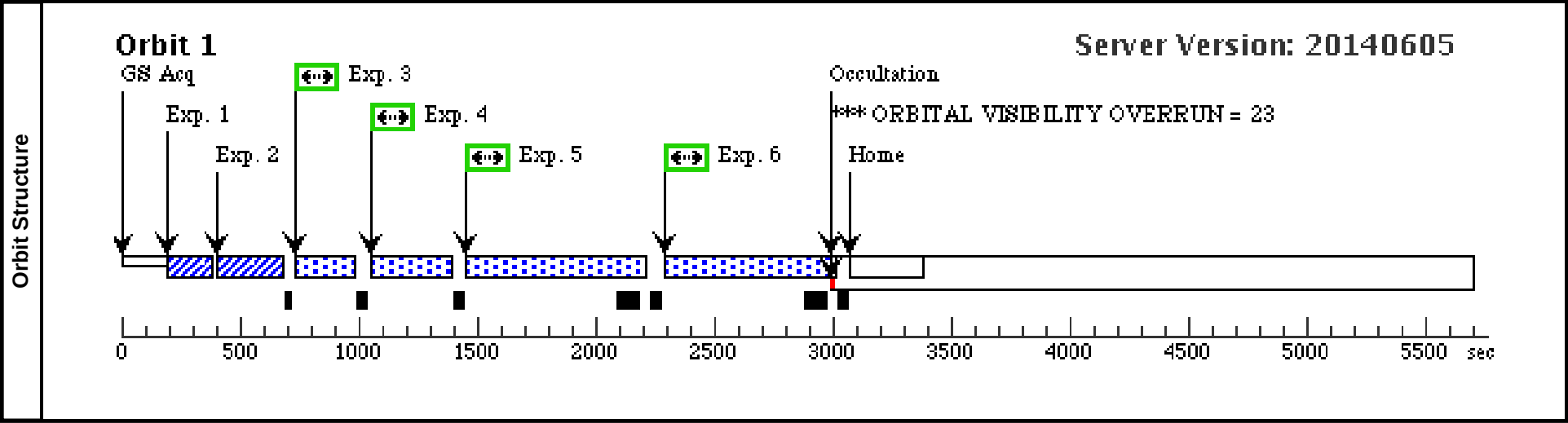
Proposal 13330 - Visit 50 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 50, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 21-MAR-2014:21:01:00 AND 22-MAR-2014:12:54:00											
Diagnostics	(Visit 50) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 50) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



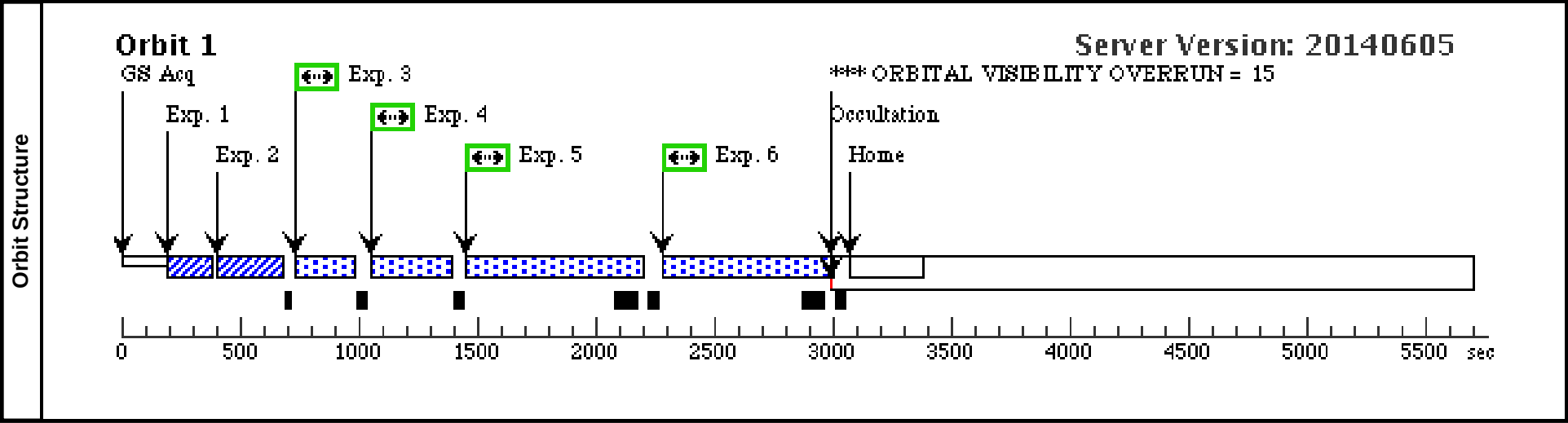
Proposal 13330 - Visit 51 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 51, completed										Wed Sep 10 01:10:41 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 22-MAR-2014:20:28:00 AND 23-MAR-2014:12:22:00										
Diagnostics	(Visit 51) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 51) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



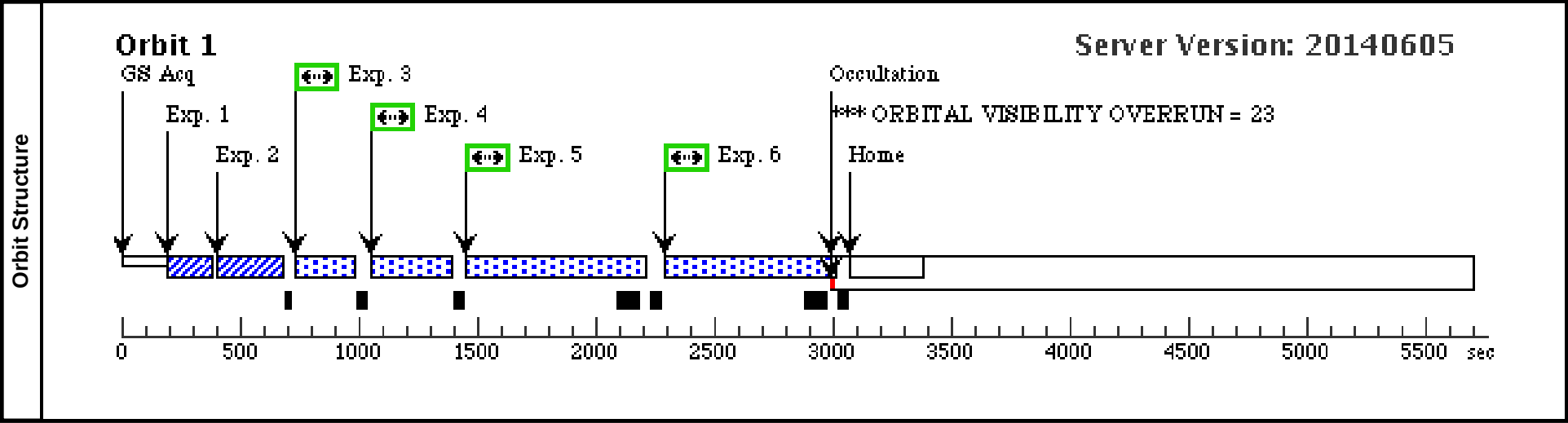
Proposal 13330 - Visit 52 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 52, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 23-MAR-2014:20:03:00 AND 24-MAR-2014:11:56:00											
Diagnostics	(Visit 52) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 52) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



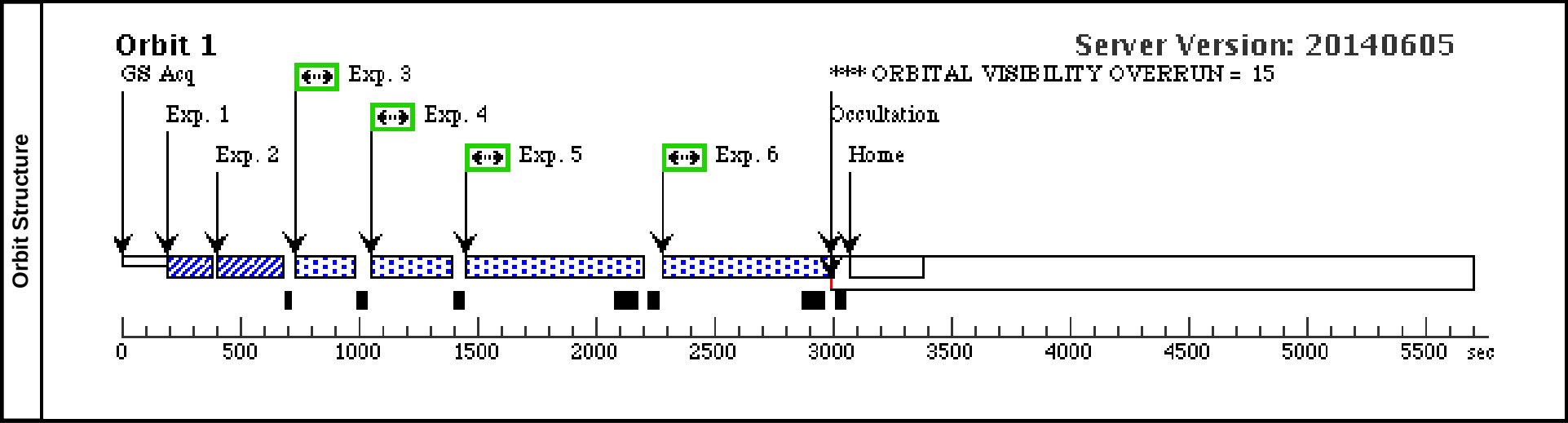
Proposal 13330 - Visit 53 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 53, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 1217.1024 H TO 1229.1024 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 53) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 53) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.7 5; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)			
									[==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)			
									[==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs)			
									[==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs)			
								[==>]		[1]		
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=47 8; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)				
								[==>]		[1]		
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=47 9; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)				
								[==>]		[1]		



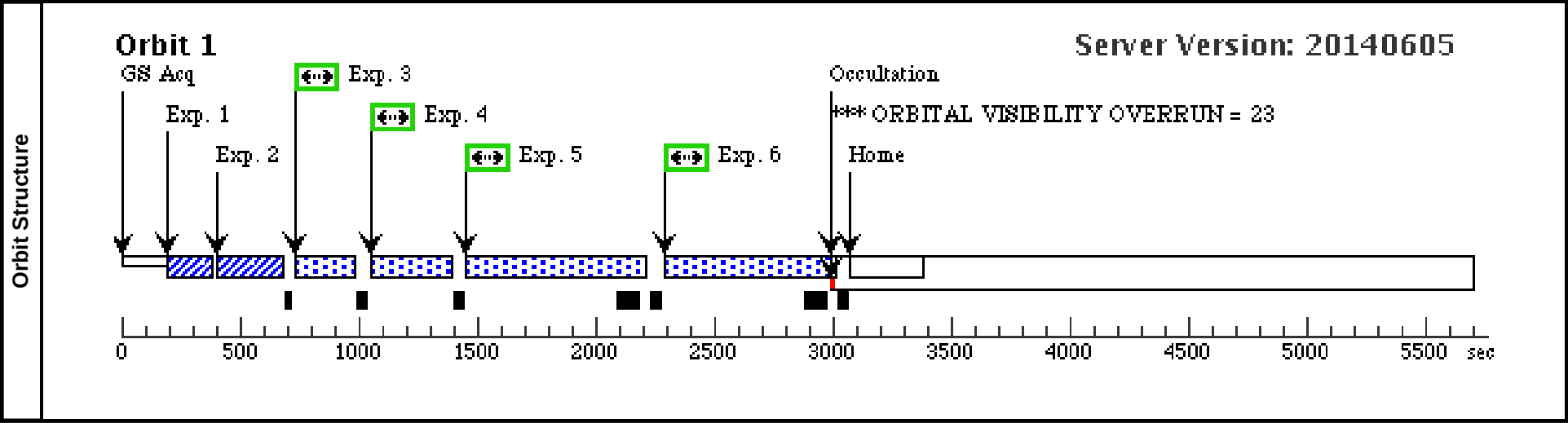
Proposal 13330 - Visit 54 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 54, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 1240.6236 H TO 1252.6236 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 54) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 54) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



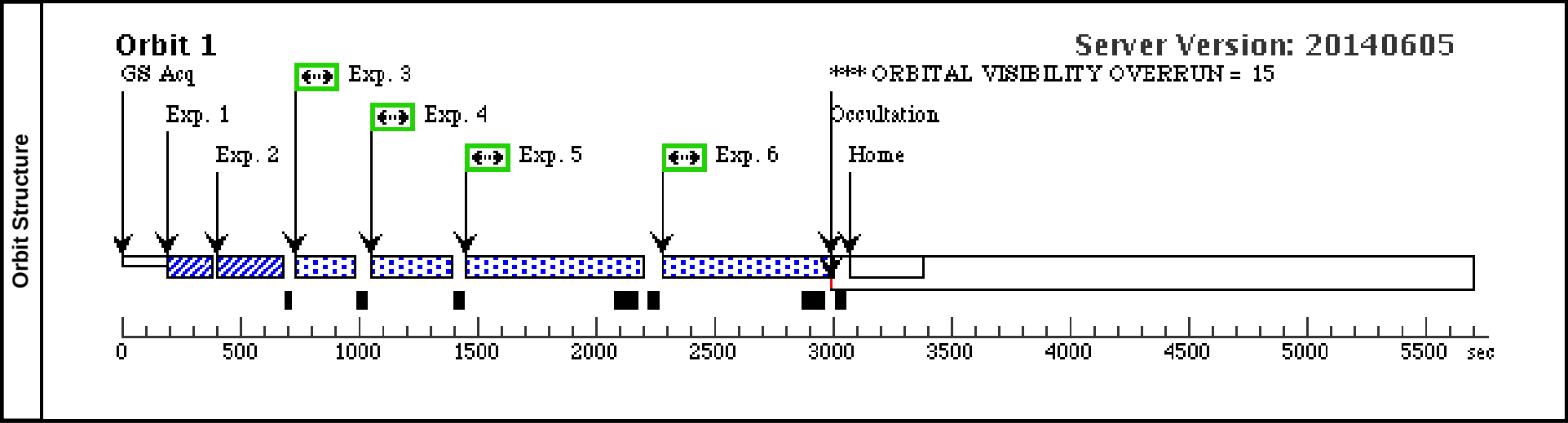
Proposal 13330 - Visit 55 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 55, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 1264.1448 H TO 1276.1448 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 55) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 55) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



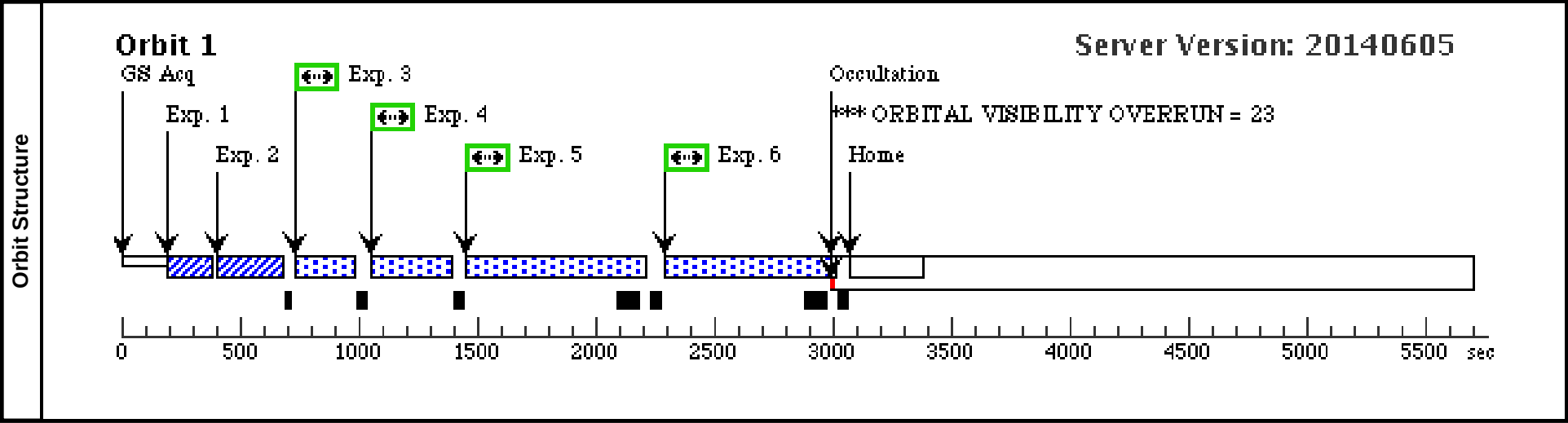
Proposal 13330 - Visit 56 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 56, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 1287.666 H TO 1299.666 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 56) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 56) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



Proposal 13330 - Visit 57 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 57, completed										Wed Sep 10 01:10:41 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 1311.1872 H TO 1323.1872 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 57) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 57) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		PHASE 0.25 TO 0.75; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	

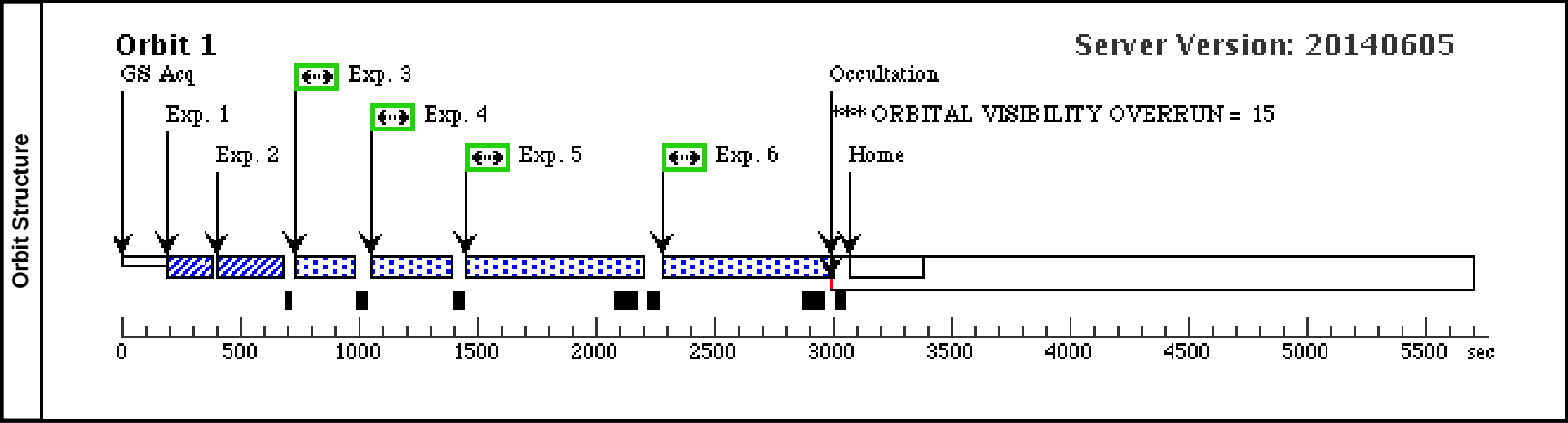


Proposal 13330 - Visit 58 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 58, completed					Wed Sep 10 01:10:41 GMT 2014
	Diagnostic Status: Warning					
Diagnostics	Scientific Instruments: COS/FUV					
	Special Requirements: SCHED 100%; AFTER 01 BY 1334.7084 H TO 1346.7084 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125					
	Comments: The following visit (number 59) needs to be integrated from the XMM + HST program PID 13184. It will be then followed by visit number 60 (47.0424+-6 hours after visit 58).					
Diagnostics	(Visit 58) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.					
	(Visit 58) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.					

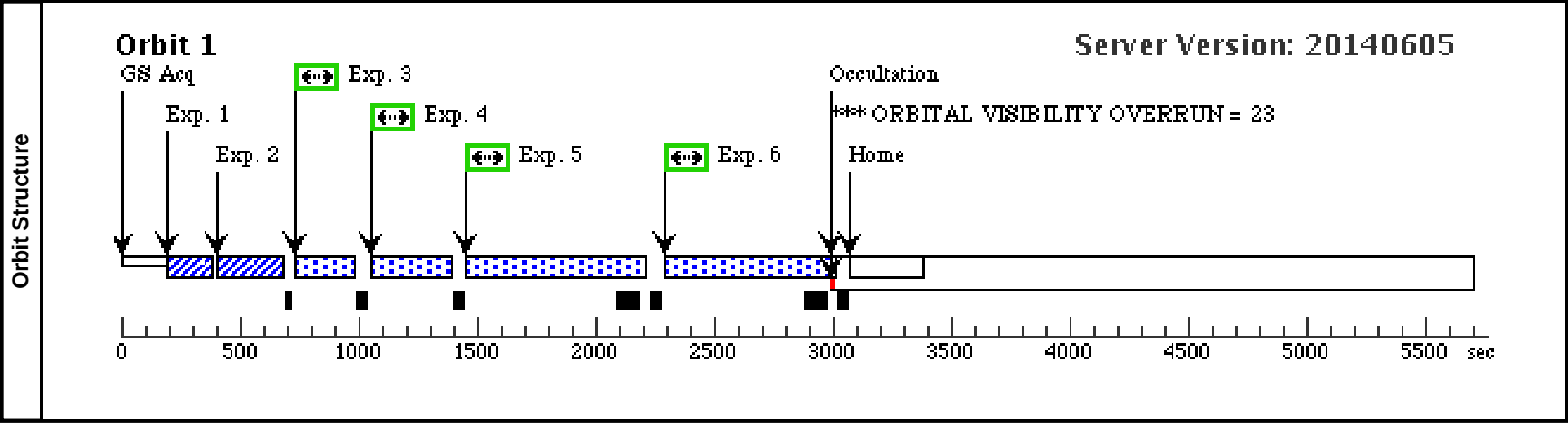
Proposal 13330 - Visit 58 - Mapping the AGN Broad Line Region by Reverberation

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.7 5; GS ACQ SCENARI O BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=47 8; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=47 9; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



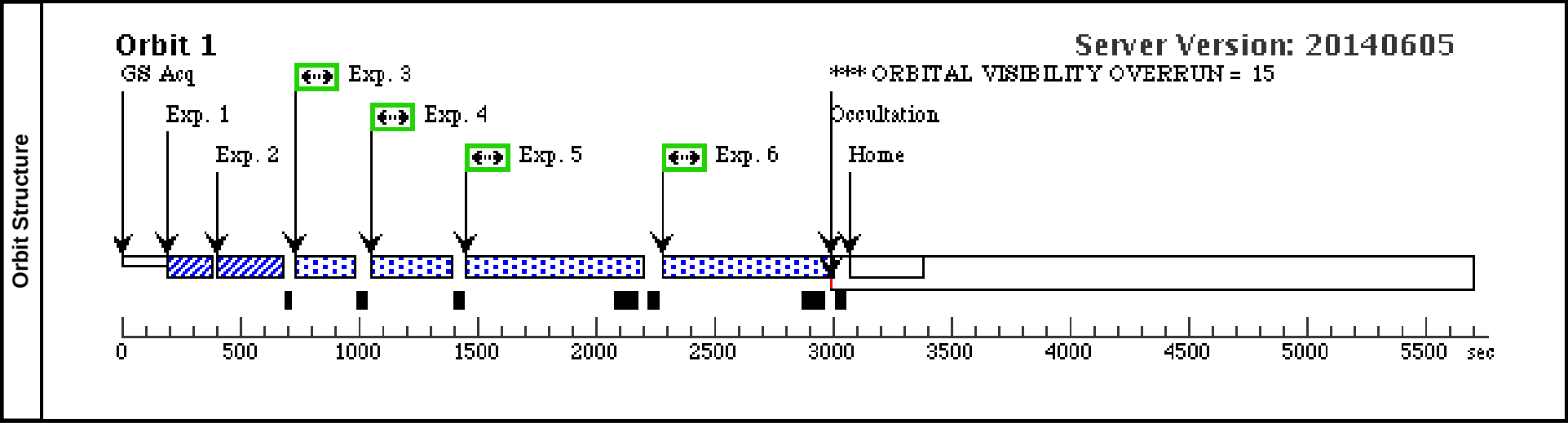
Proposal 13330 - Visit 59 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 59, completed										Wed Sep 10 01:10:42 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.089:12:40:00 AND 2014.090:02:06:00											
Diagnostics	(Visit 59) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 59) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



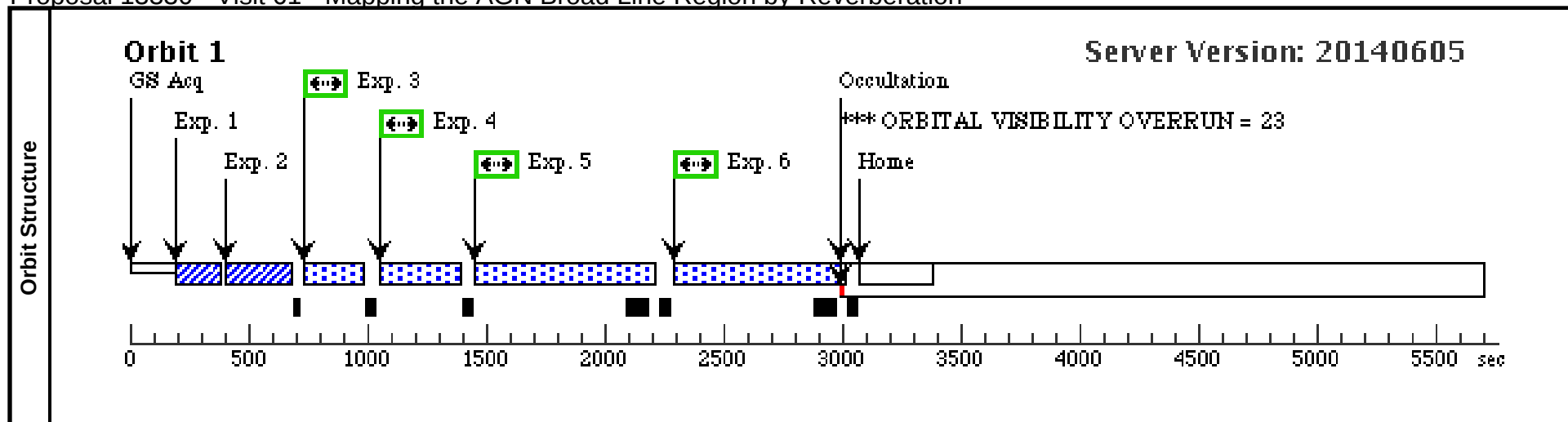
Proposal 13330 - Visit 60 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 60, completed										Wed Sep 10 01:10:42 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; AFTER 01 BY 1381.7508 H TO 1393.7508 H; Period 23.5212 H AND ZERO-PHASE HJD2456589.125											
Diagnostics	(Visit 60) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 60) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		PHASE 0.25 TO 0.7 5; GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=47 8; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=47 9; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



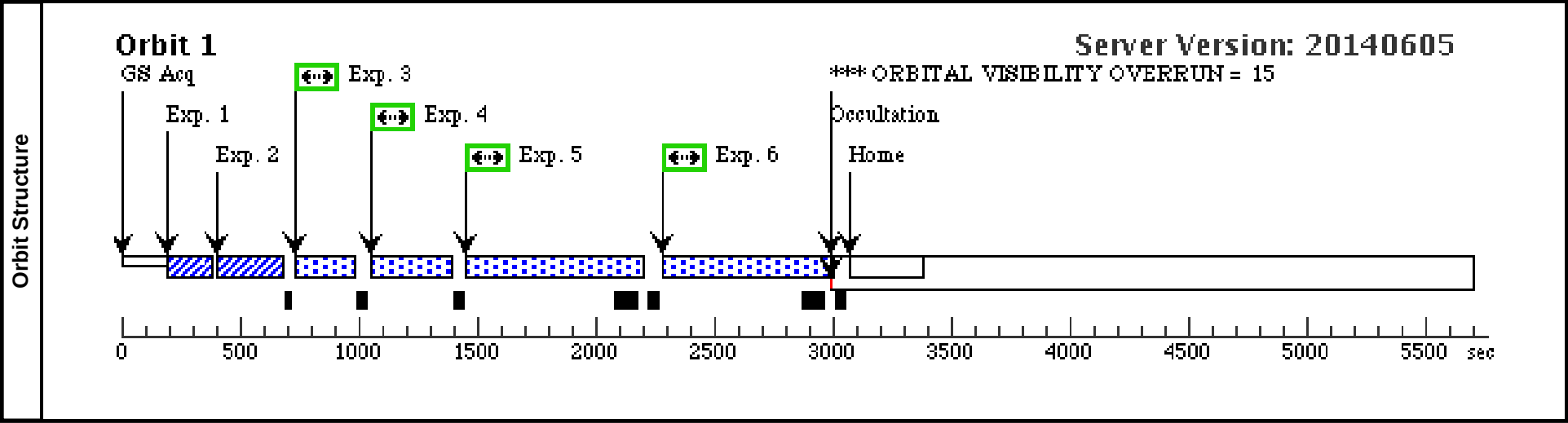
Proposal 13330 - Visit 61 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 61, completed										Wed Sep 10 01:10:42 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.091:13:13:00 AND 2014.092:01:14:00											
Diagnostics	(Visit 61) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 61) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



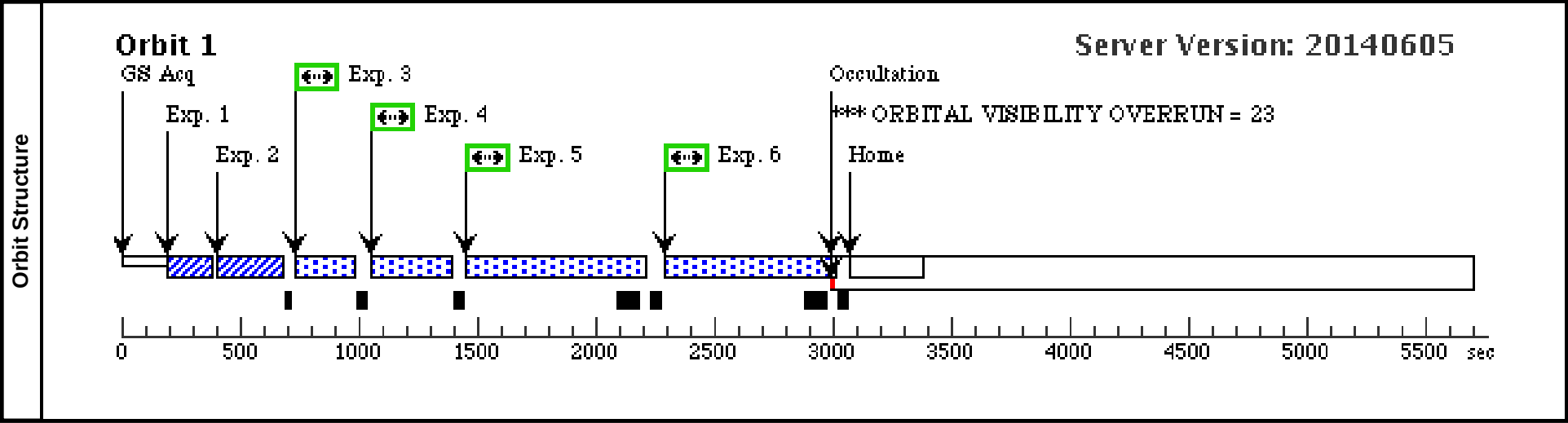
Proposal 13330 - Visit 62 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 62, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.092:12:43:00 AND 2014.093:00:44:00										
Diagnostics	(Visit 62) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 62) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



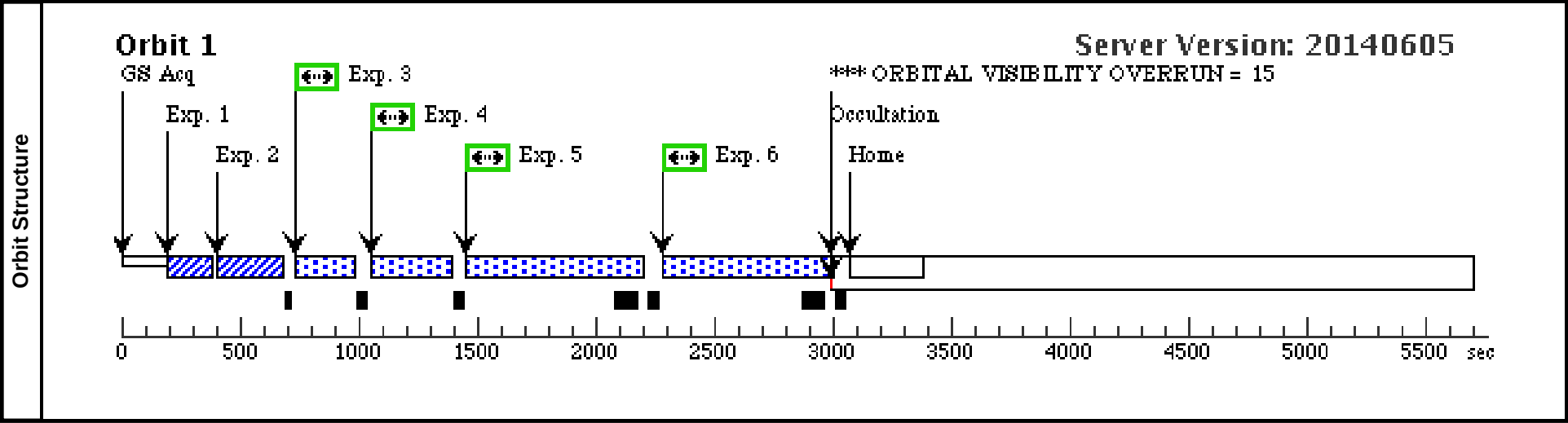
Proposal 13330 - Visit 63 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 63, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.093:12:13:00 AND 2014.094:00:14:00										
Diagnostics	(Visit 63) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 63) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



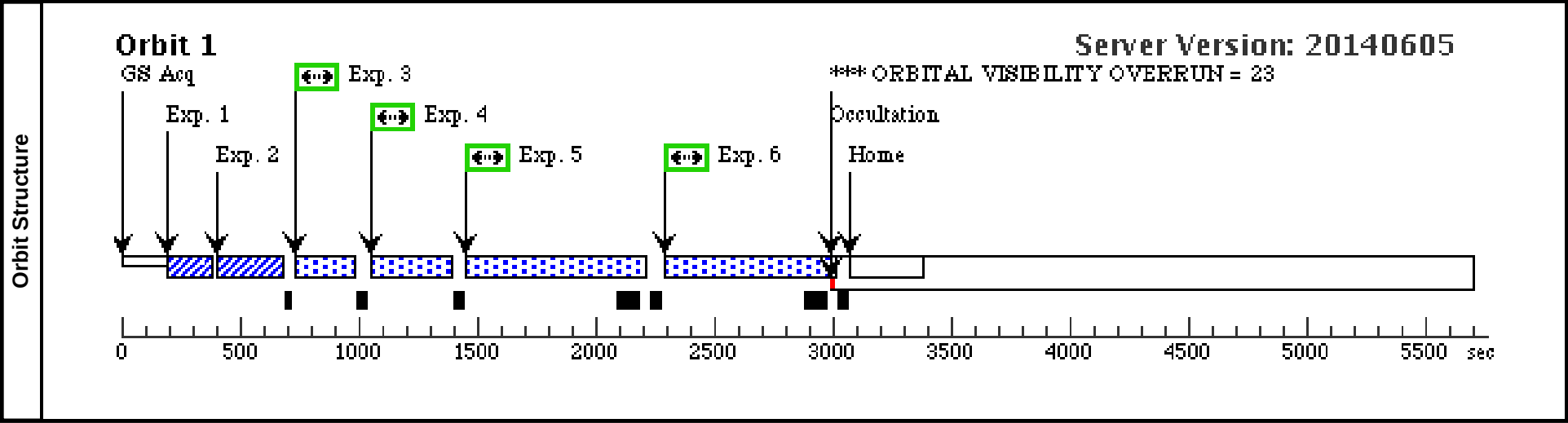
Proposal 13330 - Visit 64 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 64, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.094:11:44:00 AND 2014.094:23:45:00										
Diagnostics	(Visit 64) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 64) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



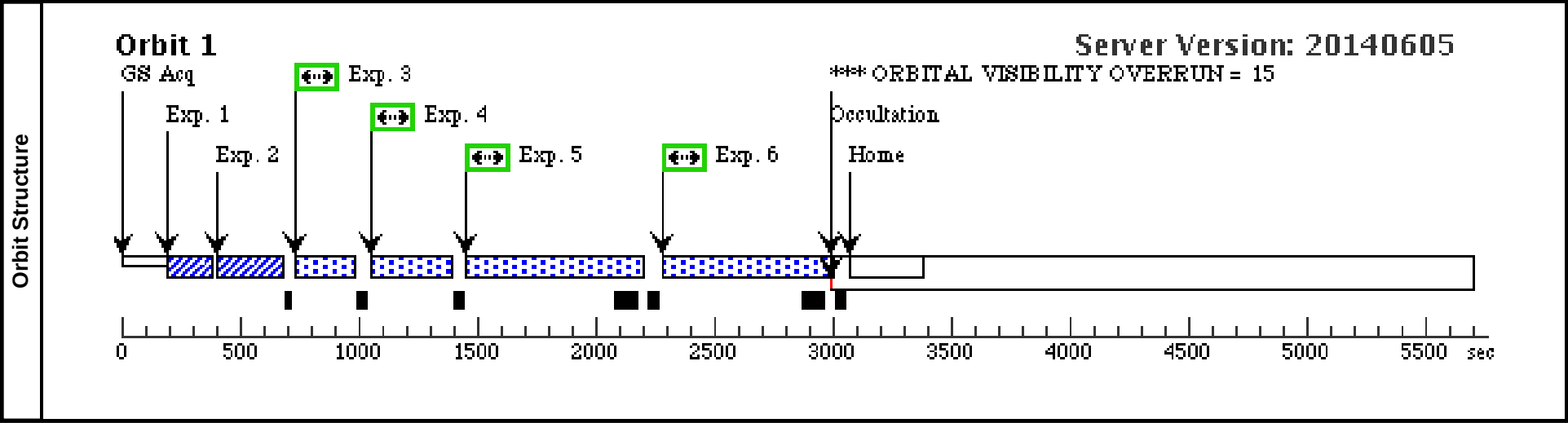
Proposal 13330 - Visit 65 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 65, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.095:11:14:00 AND 2014.095:23:15:00										
Diagnostics	(Visit 65) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 65) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



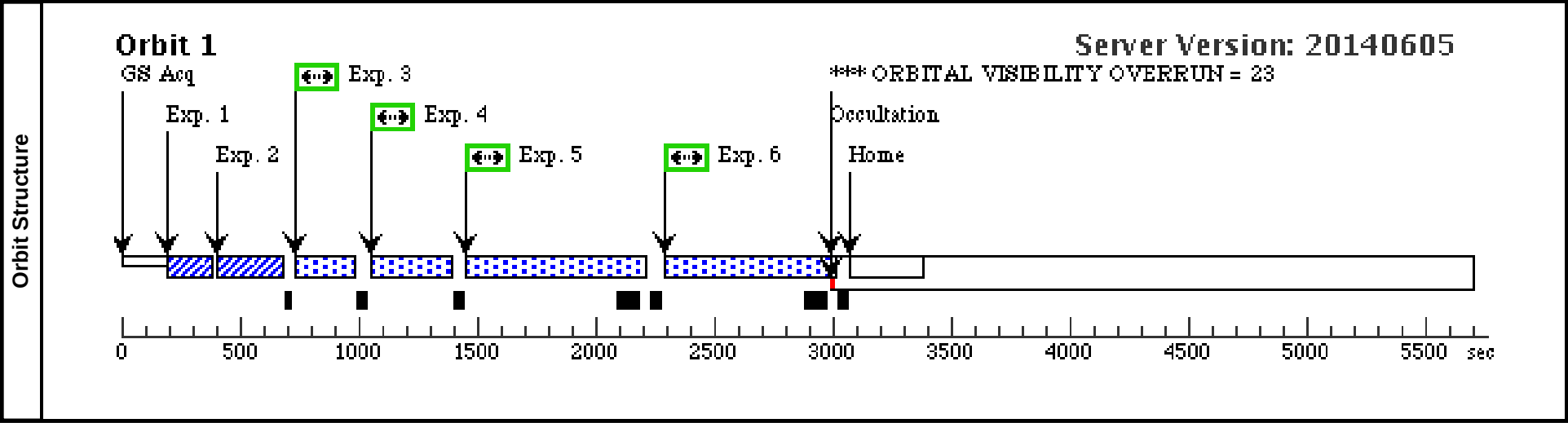
Proposal 13330 - Visit 66 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 66, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.096:10:44:00 AND 2014.096:22:45:00										
Diagnostics	(Visit 66) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 66) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



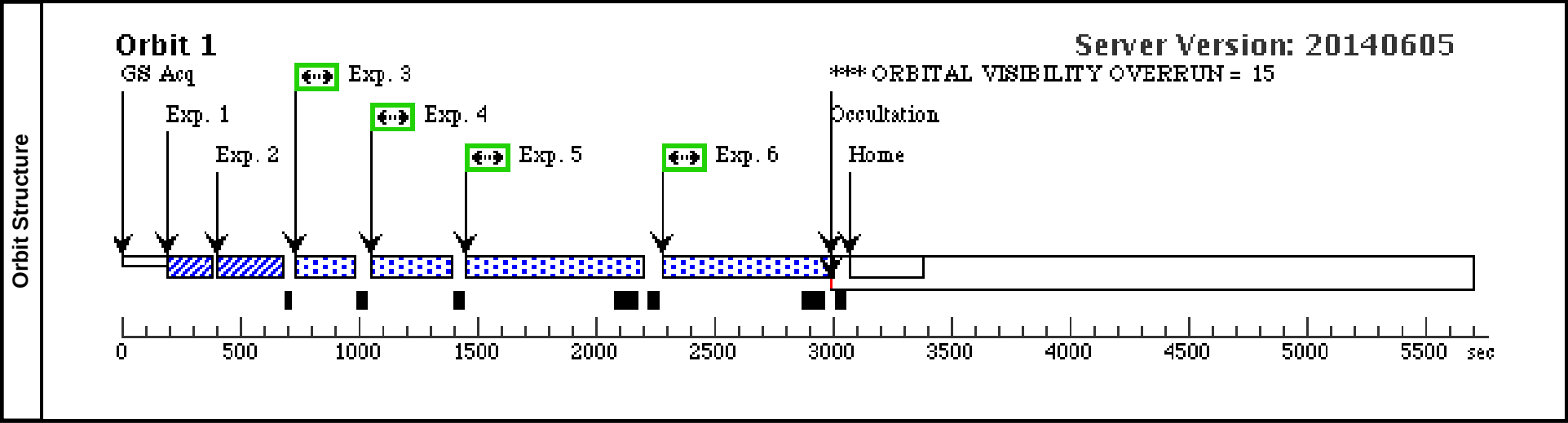
Proposal 13330 - Visit 67 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 67, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.097:10:15:00 AND 2014.097:22:16:00										
Diagnostics	(Visit 67) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 67) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



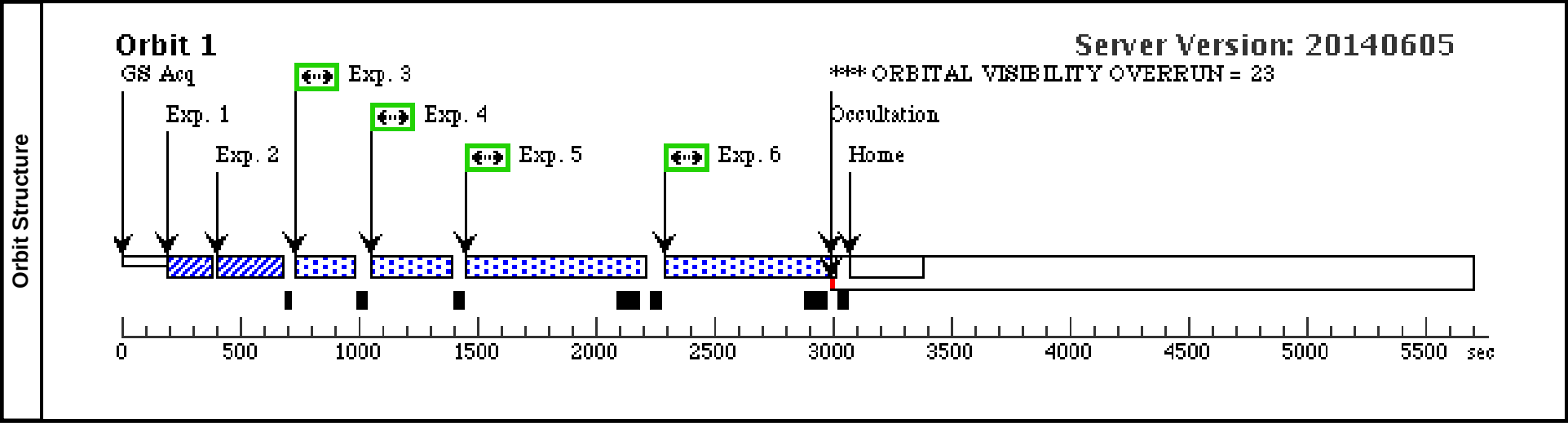
Proposal 13330 - Visit 68 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 68, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.098:09:45:00 AND 2014.098:21:46:00										
Diagnostics	(Visit 68) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 68) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



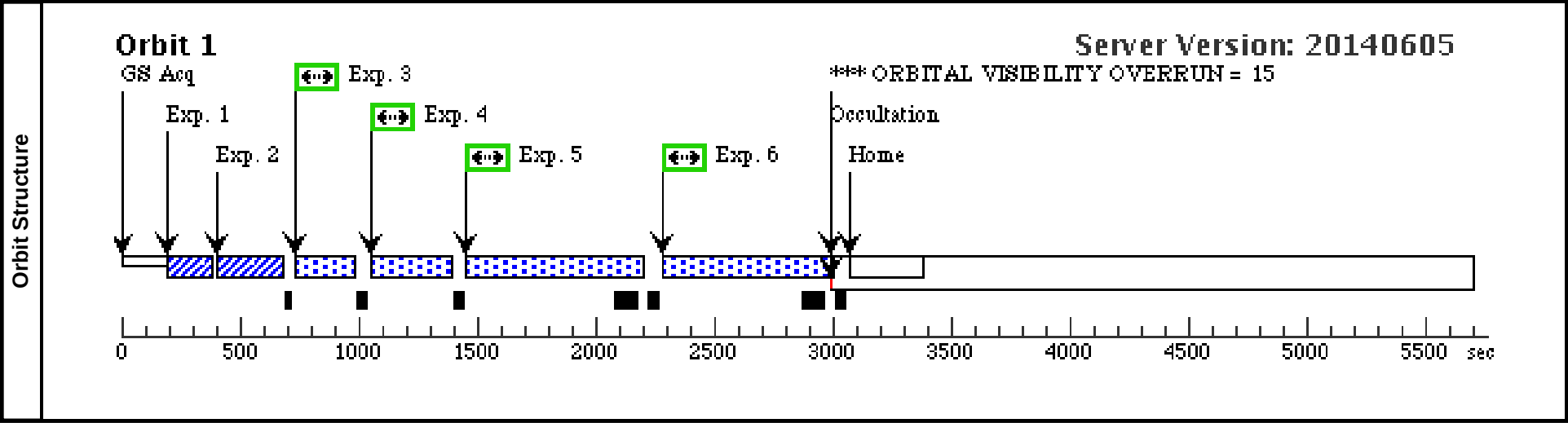
Proposal 13330 - Visit 69 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 69, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.099:09:15:00 AND 2014.099:21:16:00										
Diagnostics	(Visit 69) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 69) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



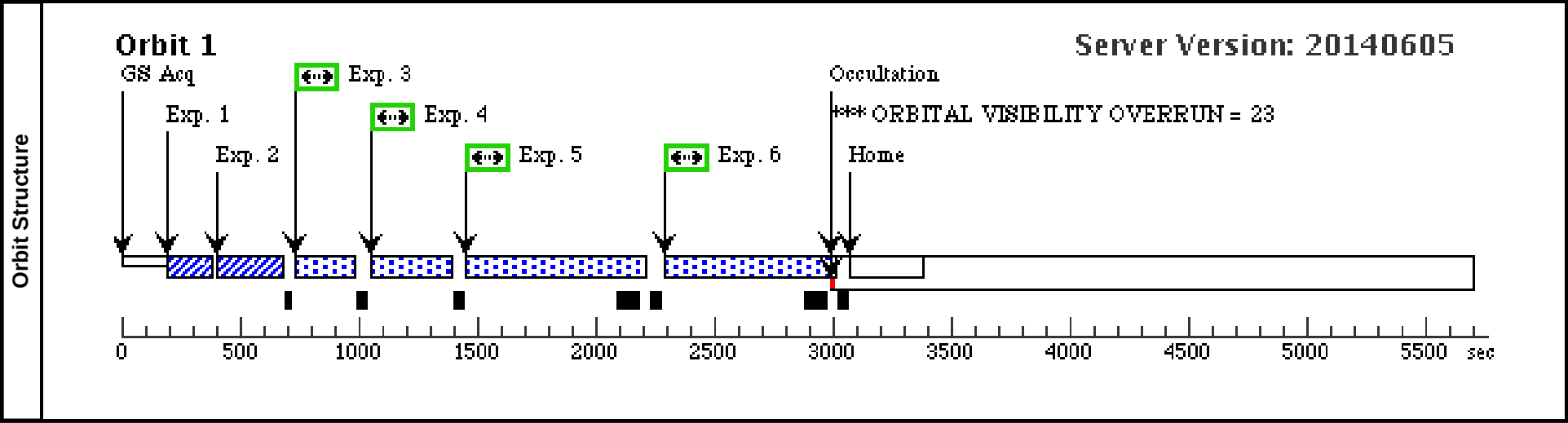
Proposal 13330 - Visit 70 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 70, failed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.100:08:46:00 AND 2014.100:20:47:00										
Diagnostics	(Visit 70) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 70) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



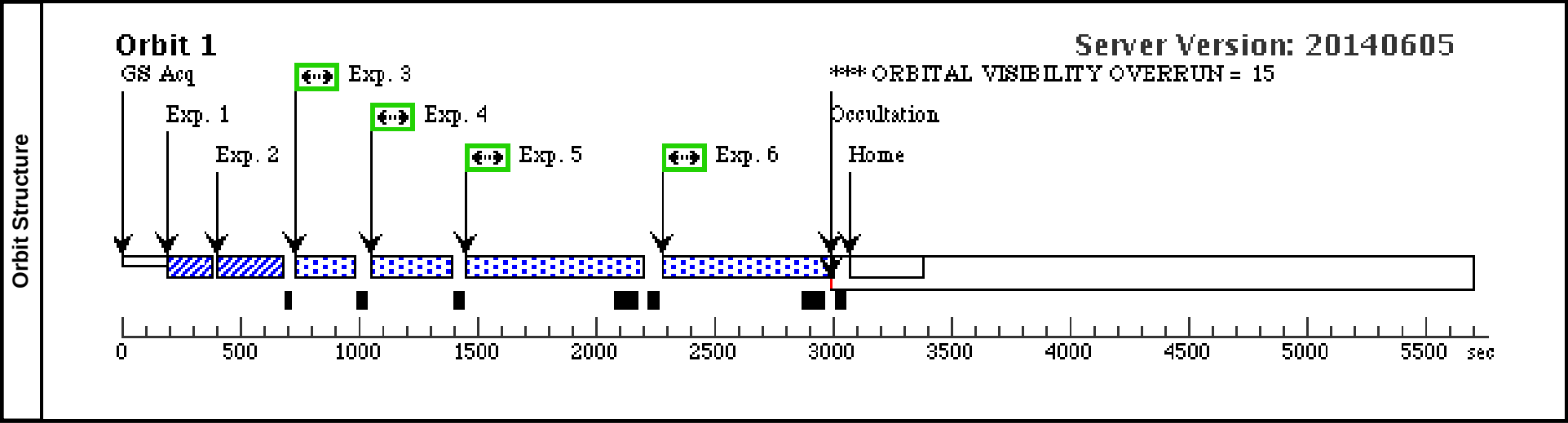
Proposal 13330 - Visit 71 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 71, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.101:08:16:00 AND 2014.101:20:17:00										
Diagnostics	(Visit 71) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 71) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



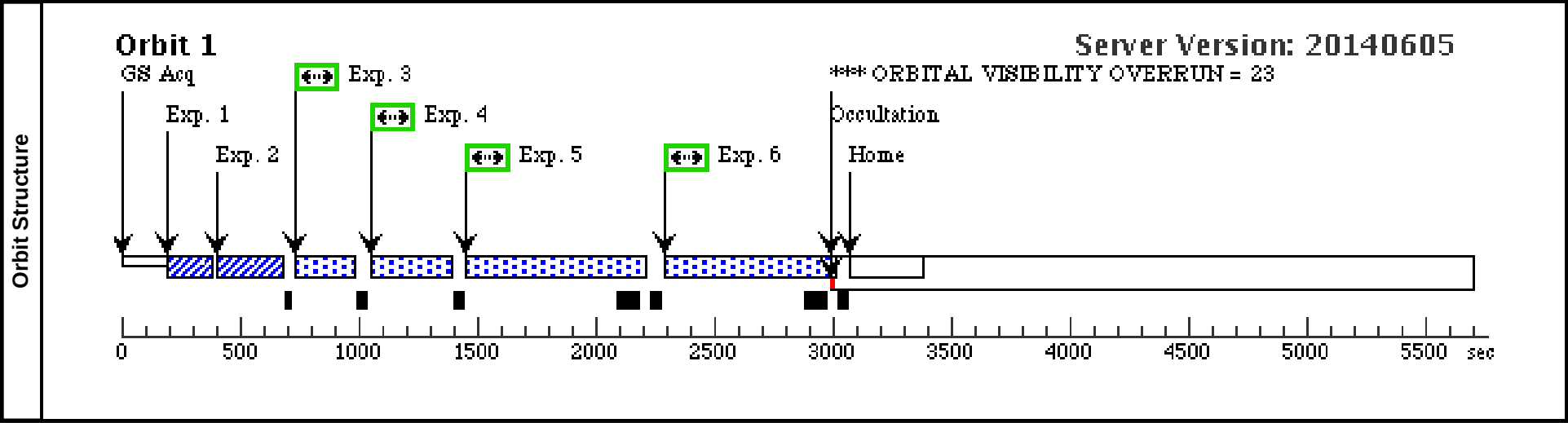
Proposal 13330 - Visit 72 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 72, completed										Wed Sep 10 01:10:42 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.102:07:46:00 AND 2014.102:19:47:00											
Diagnostics	(Visit 72) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 72) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



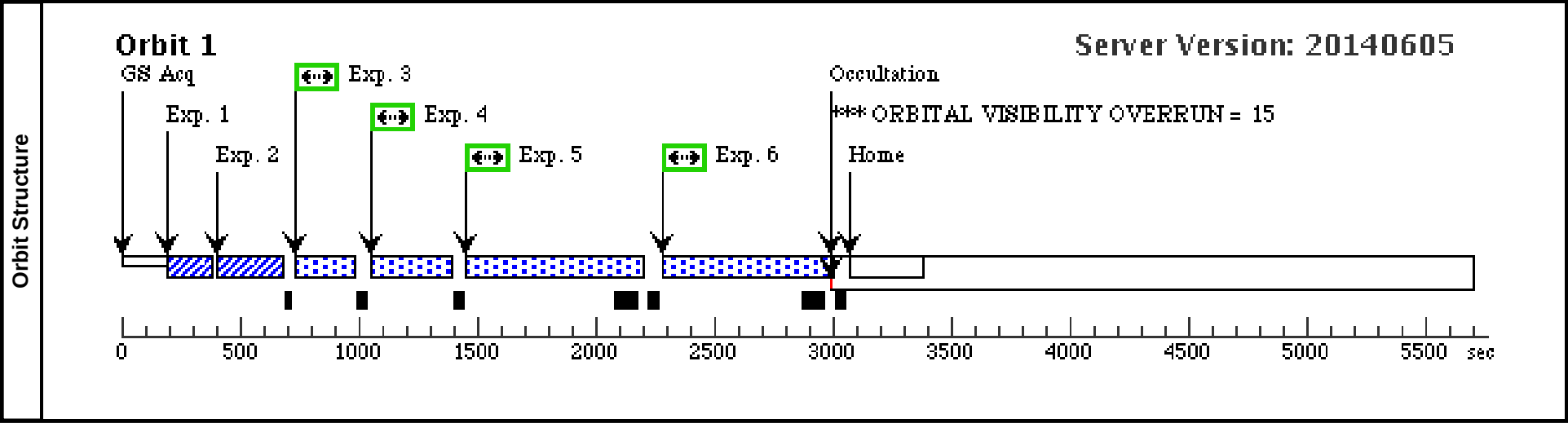
Proposal 13330 - Visit 73 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 73, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.103:07:17:00 AND 2014.103:19:18:00										
Diagnostics	(Visit 73) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 73) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=47 8; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=47 9; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



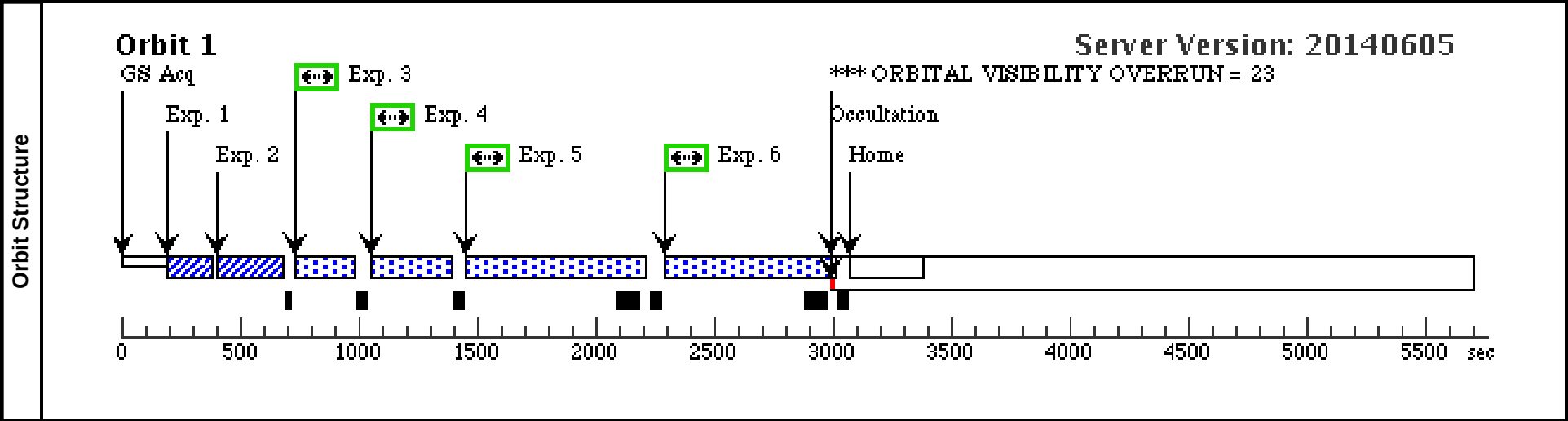
Proposal 13330 - Visit 74 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 74, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.104:06:47:00 AND 2014.104:18:48:00										
Diagnostics	(Visit 74) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 74) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



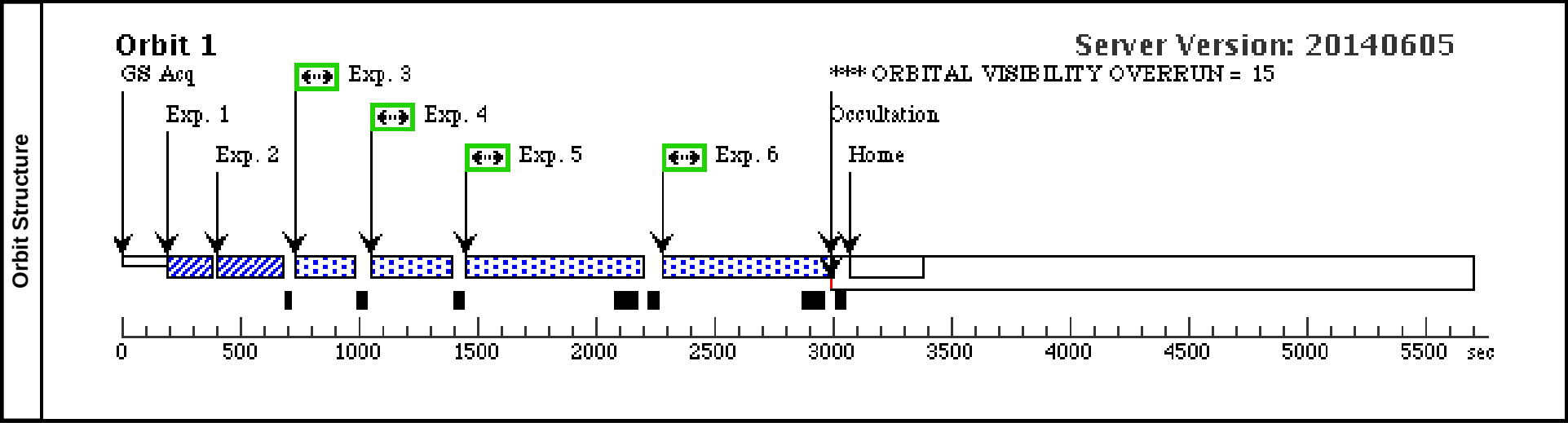
Proposal 13330 - Visit 75 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 75, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.105:06:17:00 AND 2014.105:18:18:00										
Diagnostics	(Visit 75) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 75) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



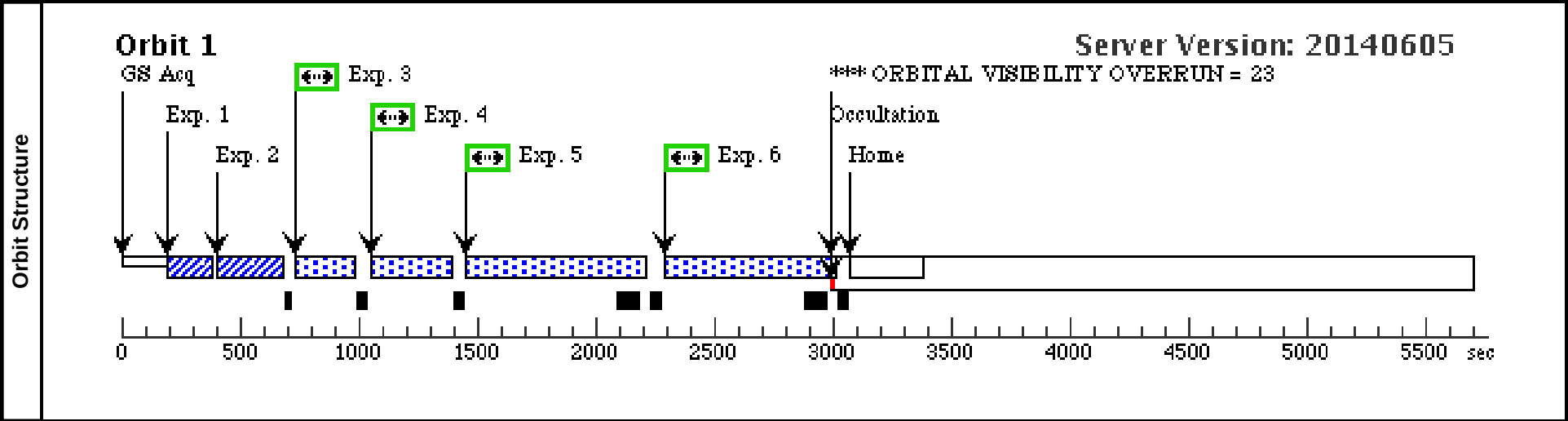
Proposal 13330 - Visit 76 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 76, completed										Wed Sep 10 01:10:42 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.106:05:48:00 AND 2014.106:17:49:00											
Diagnostics	(Visit 76) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 76) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



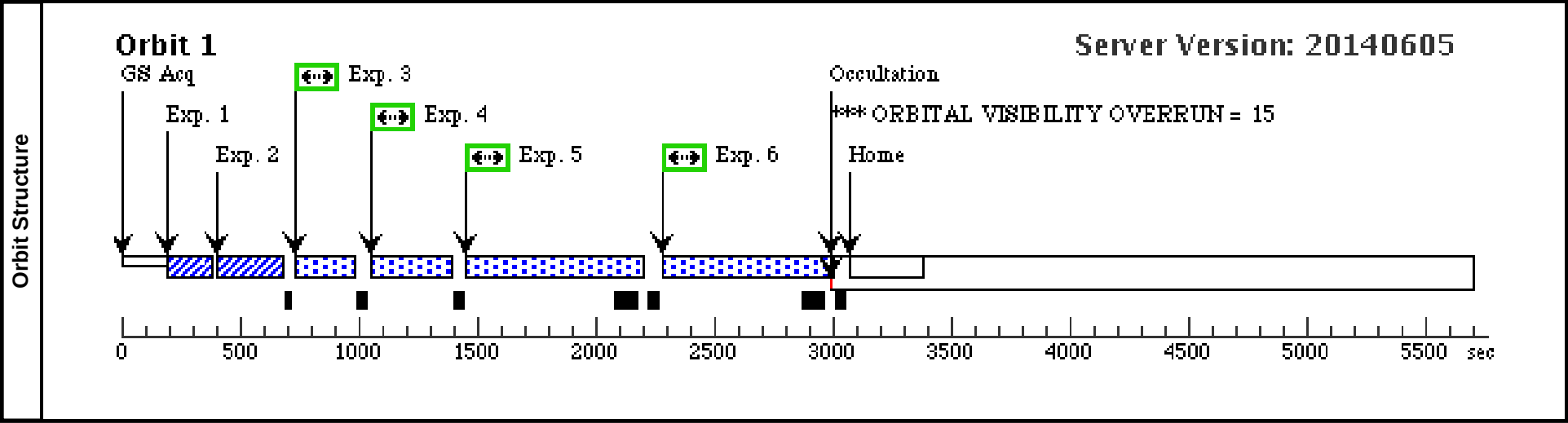
Proposal 13330 - Visit 77 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 77, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.107:05:18:00 AND 2014.107:17:19:00										
Diagnostics	(Visit 77) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 77) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



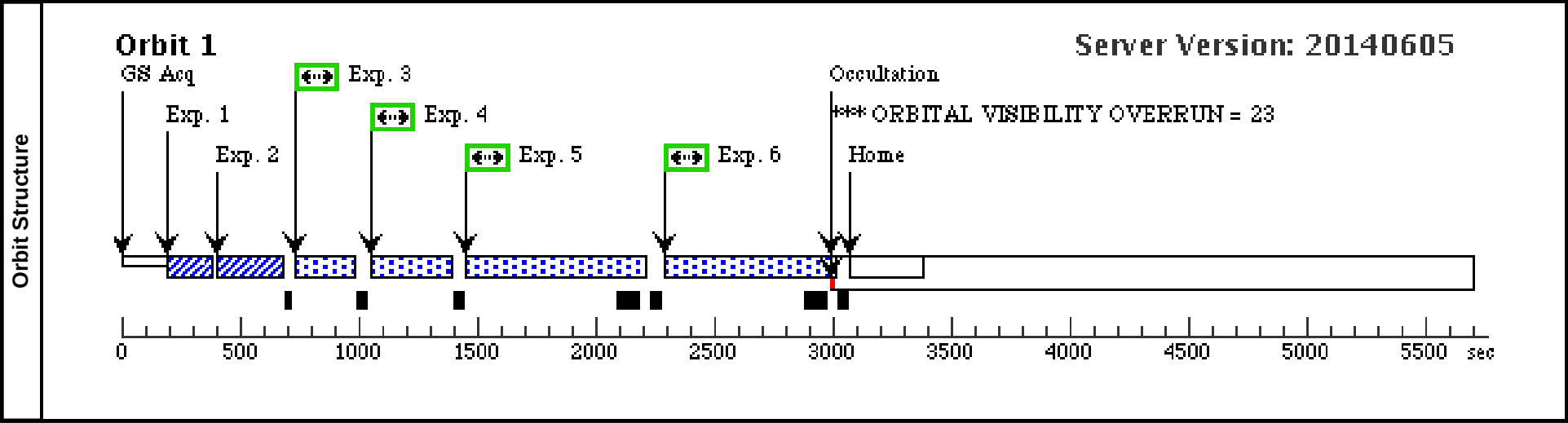
Proposal 13330 - Visit 78 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 78, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.108:04:48:00 AND 2014.108:16:49:00										
Diagnostics	(Visit 78) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 78) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



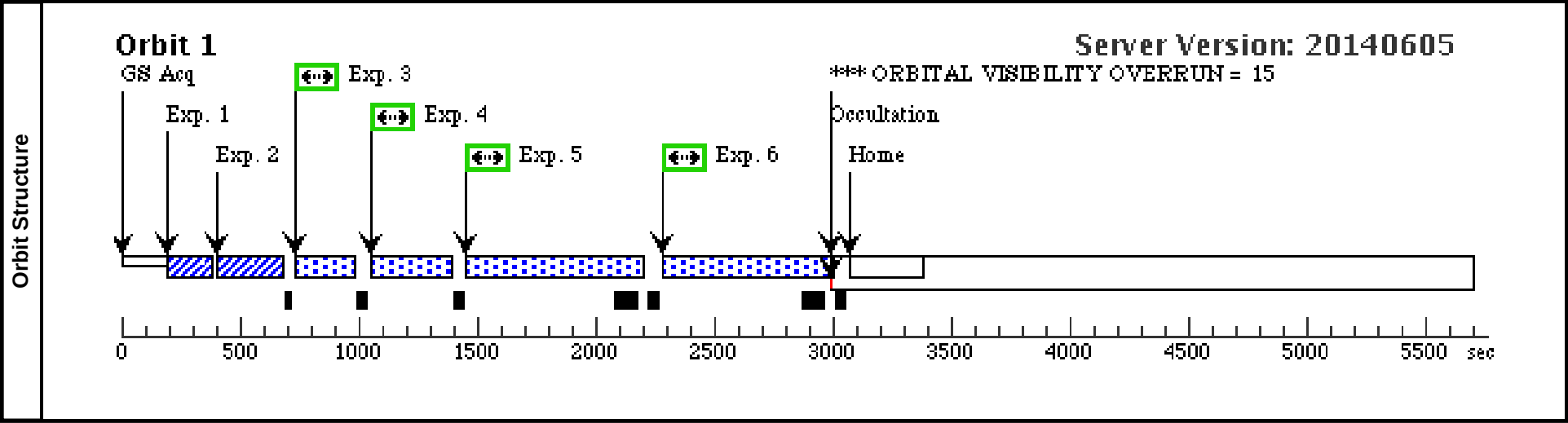
Proposal 13330 - Visit 79 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 79, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.109:04:19:00 AND 2014.109:16:20:00										
Diagnostics	(Visit 79) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 79) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



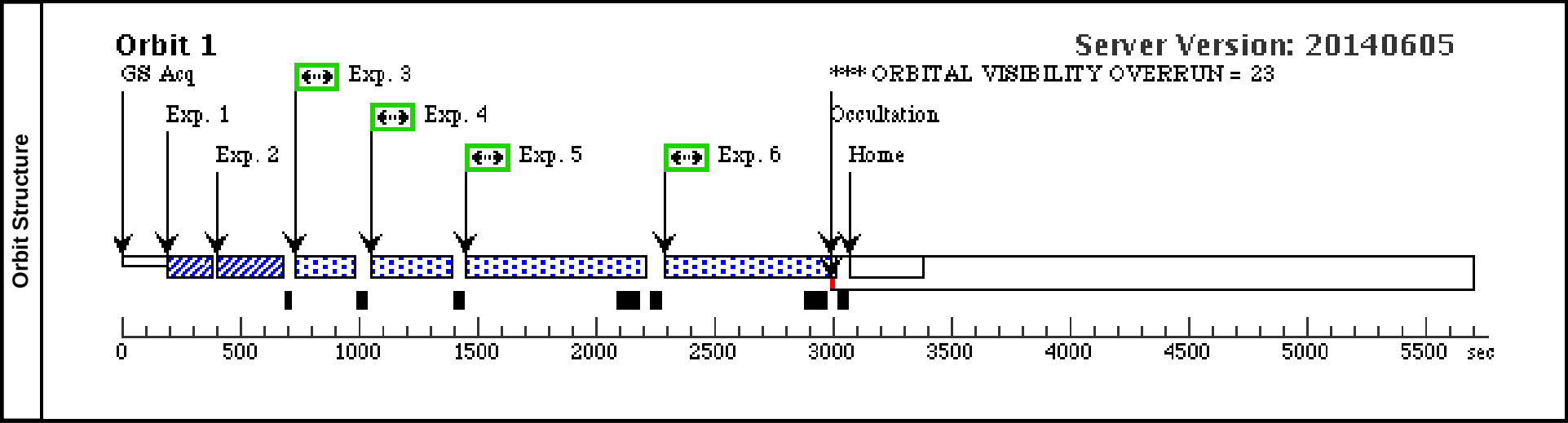
Proposal 13330 - Visit 80 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 80, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.110:03:49:00 AND 2014.110:15:50:00										
Diagnostics	(Visit 80) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 80) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



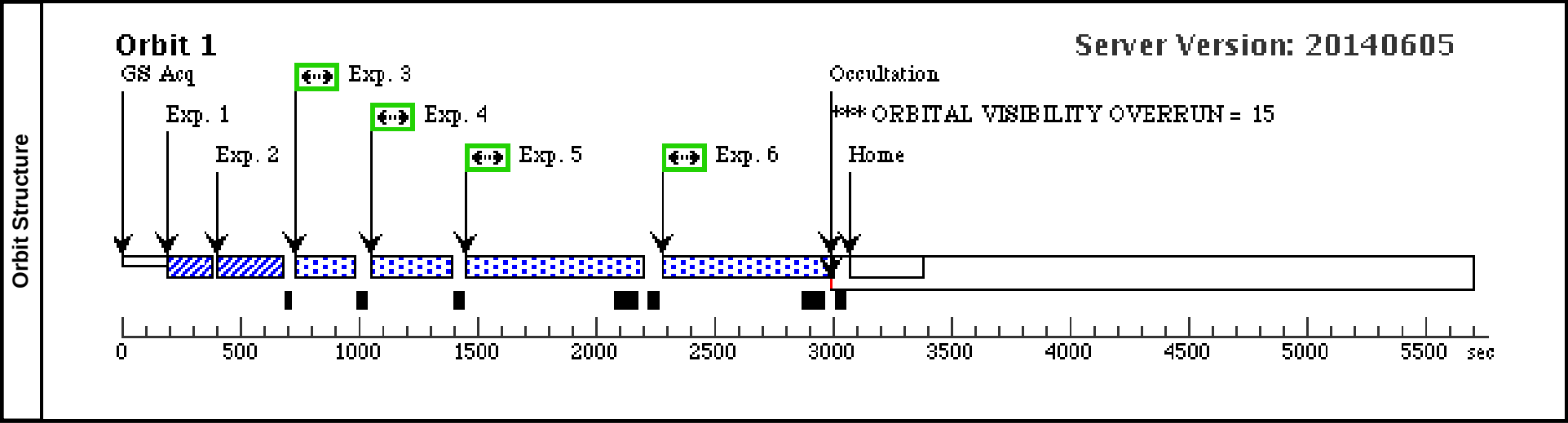
Proposal 13330 - Visit 81 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 81, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.111:03:19:00 AND 2014.111:15:20:00										
Diagnostics	(Visit 81) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 81) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



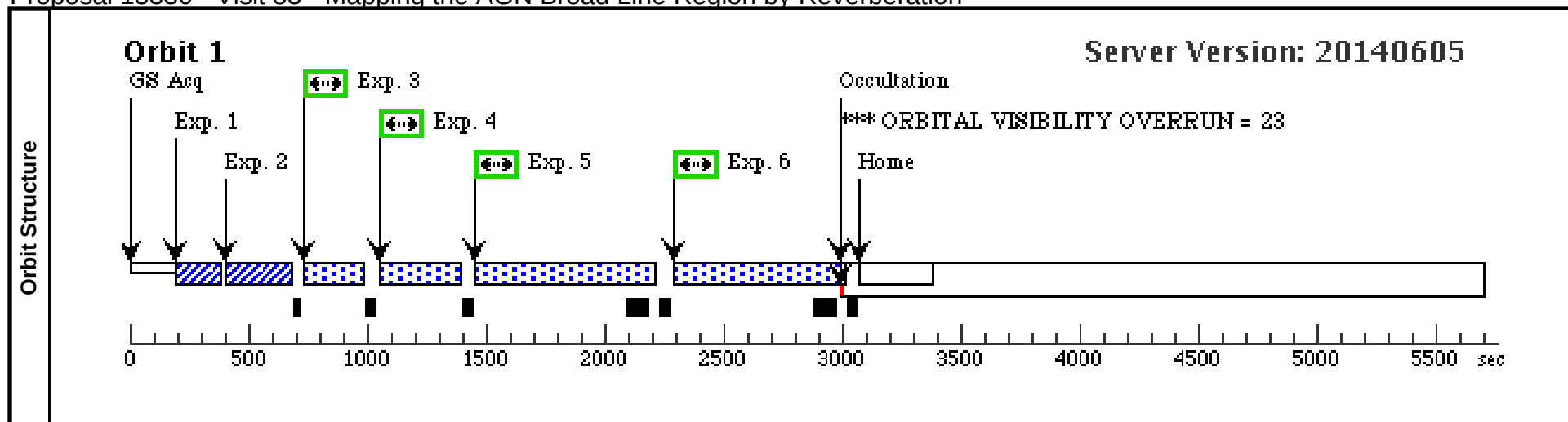
Proposal 13330 - Visit 82 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 82, completed										Wed Sep 10 01:10:42 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.112:02:50:00 AND 2014.112:14:51:00										
Diagnostics	(Visit 82) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 82) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



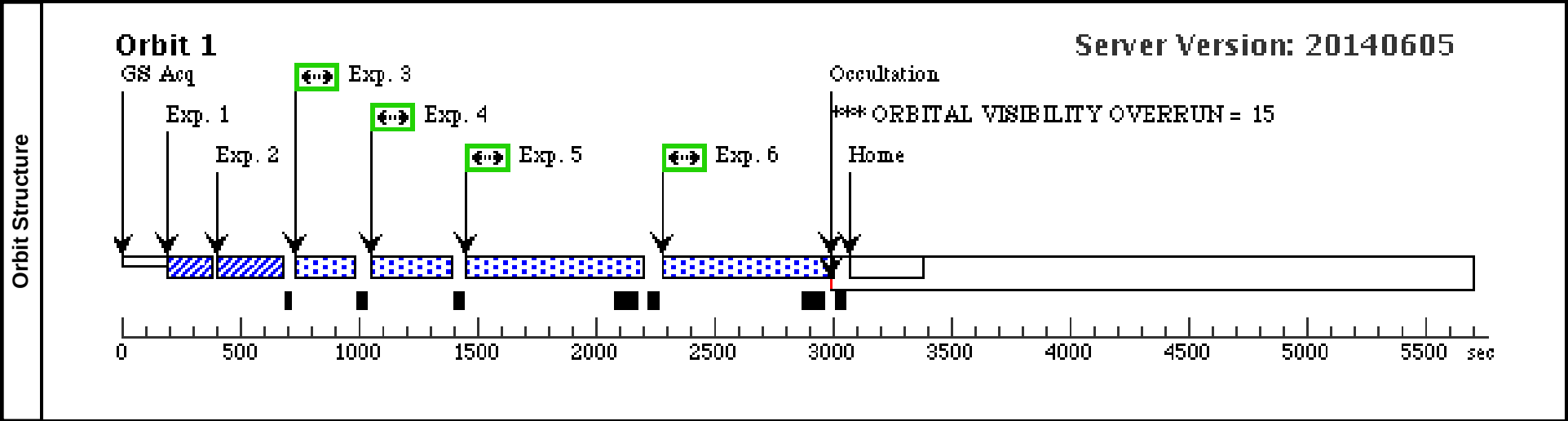
Proposal 13330 - Visit 83 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 83, completed										Wed Sep 10 01:10:42 GMT 2014		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/FUV												
	Special Requirements: SCHED 100%; BETWEEN 2014.113:02:20:00 AND 2014.113:14:21:00												
Diagnostics	(Visit 83) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
	(Visit 83) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.		Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A			GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.												
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A		CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.												
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A		FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A		FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A		FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A		BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



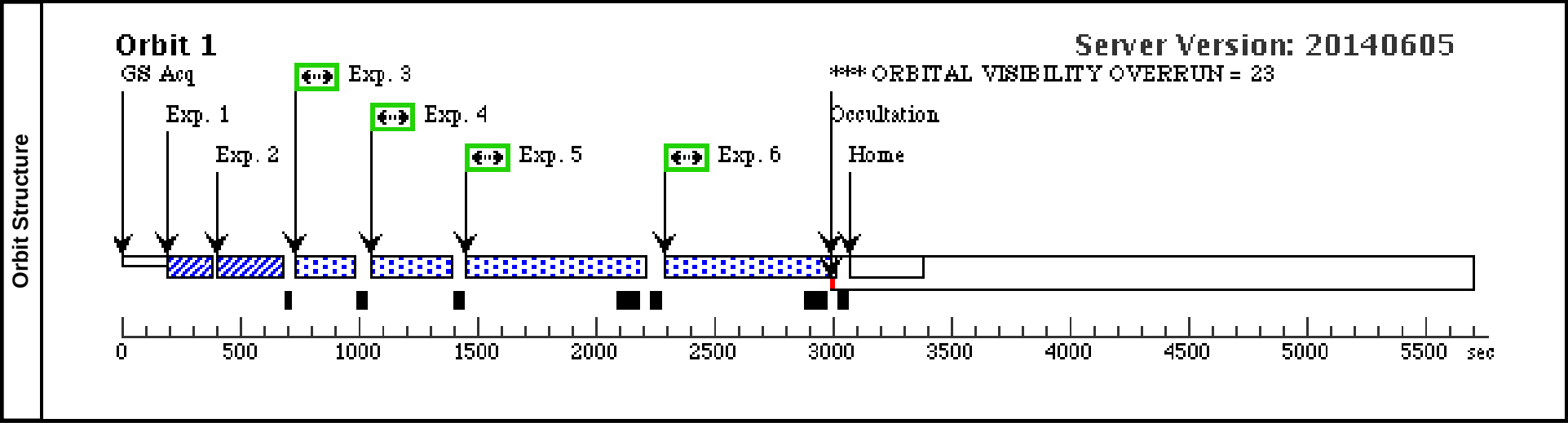
Proposal 13330 - Visit 84 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 84, completed										Wed Sep 10 01:10:43 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.114:01:50:00 AND 2014.114:13:51:00											
Diagnostics	(Visit 84) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 84) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



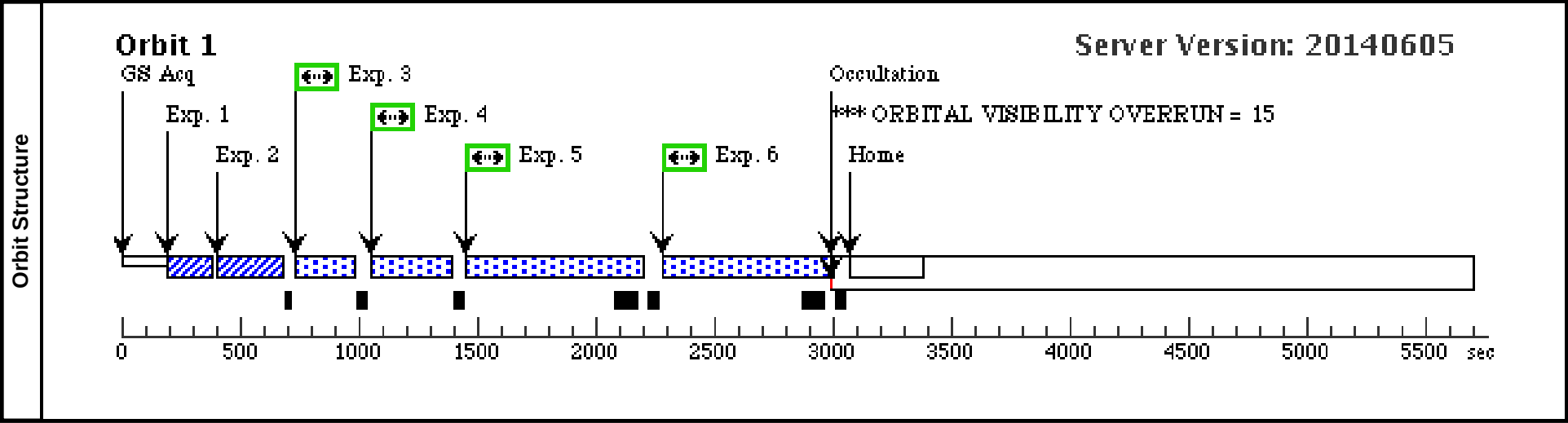
Proposal 13330 - Visit 85 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 85, completed										Wed Sep 10 01:10:43 GMT 2014		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/FUV												
	Special Requirements: SCHED 100%; BETWEEN 2014.115:01:21:00 AND 2014.115:13:22:00												
Diagnostics	(Visit 85) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
	(Visit 85) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.		Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A			GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.												
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A		CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.												
	3	n5548_G13 OM_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A		FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 OM_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A		FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 OM_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A		FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 OM_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A		BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



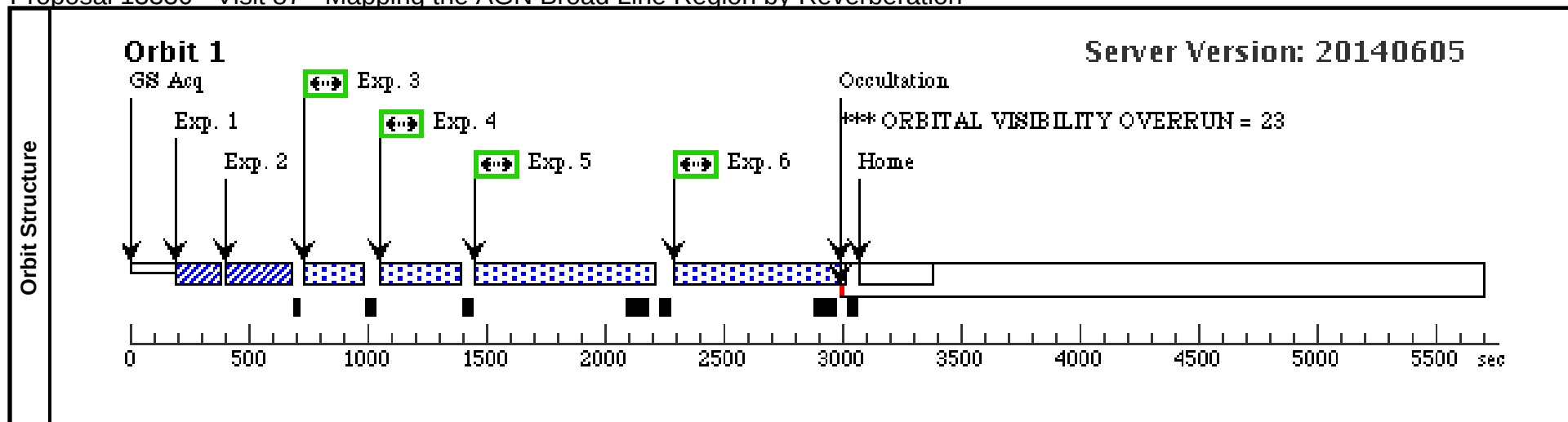
Proposal 13330 - Visit 86 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 86, completed										Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.116:00:51:00 AND 2014.116:12:52:00										
Diagnostics	(Visit 86) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 86) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)			
								[==>]		[1]	
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)			
								[==>]		[1]	



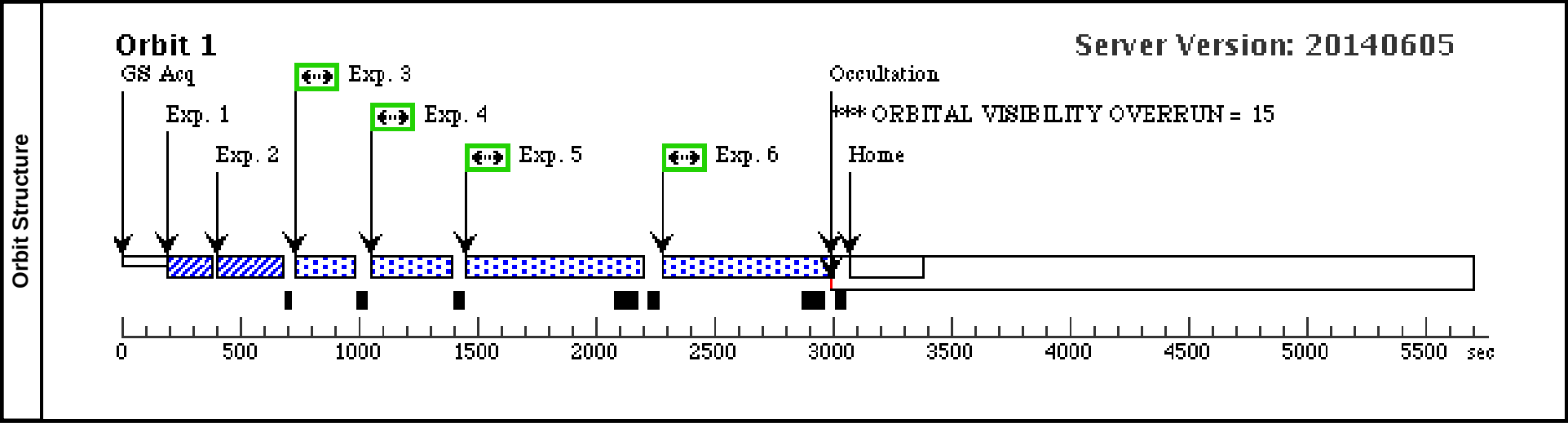
Proposal 13330 - Visit 87 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 87, completed										Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.117:00:22:00 AND 2014.117:12:22:00										
Diagnostics	(Visit 87) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 87) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



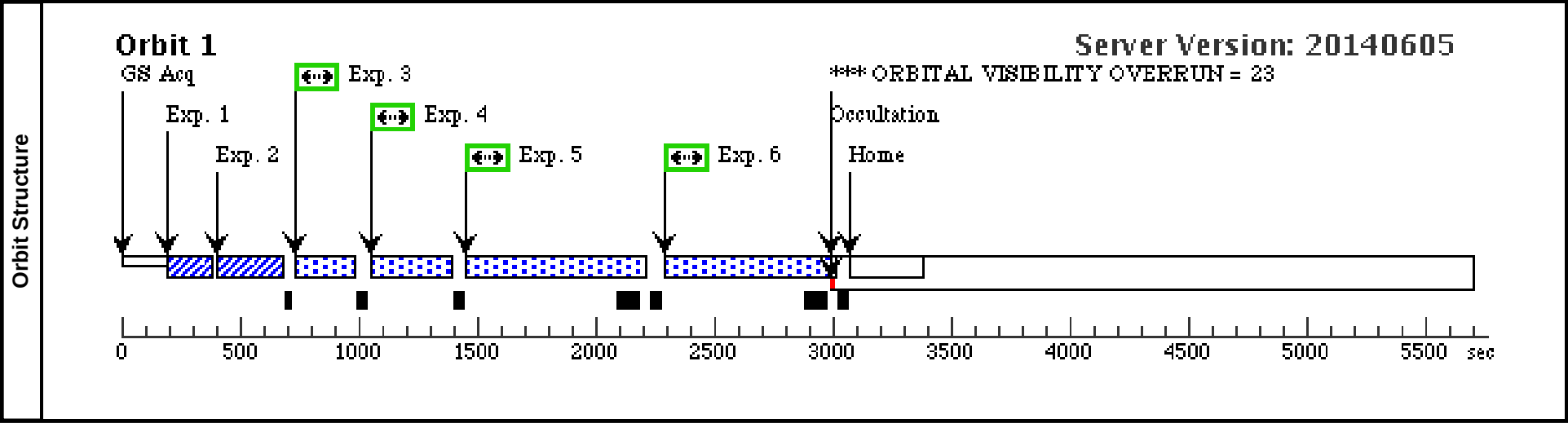
Proposal 13330 - Visit 88 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 88, completed										Wed Sep 10 01:10:43 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.117:23:52:00 AND 2014.118:11:53:00											
Diagnostics	(Visit 88) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 88) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



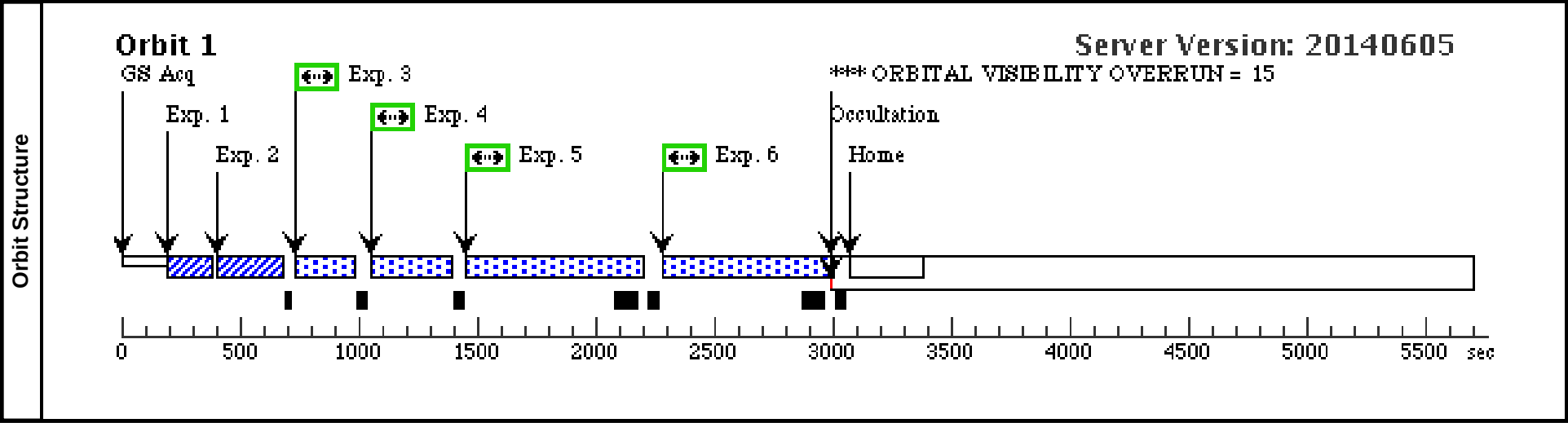
Proposal 13330 - Visit 89 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 89, completed										Wed Sep 10 01:10:43 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.118:23:22:00 AND 2014.119:11:23:00											
Diagnostics	(Visit 89) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 89) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



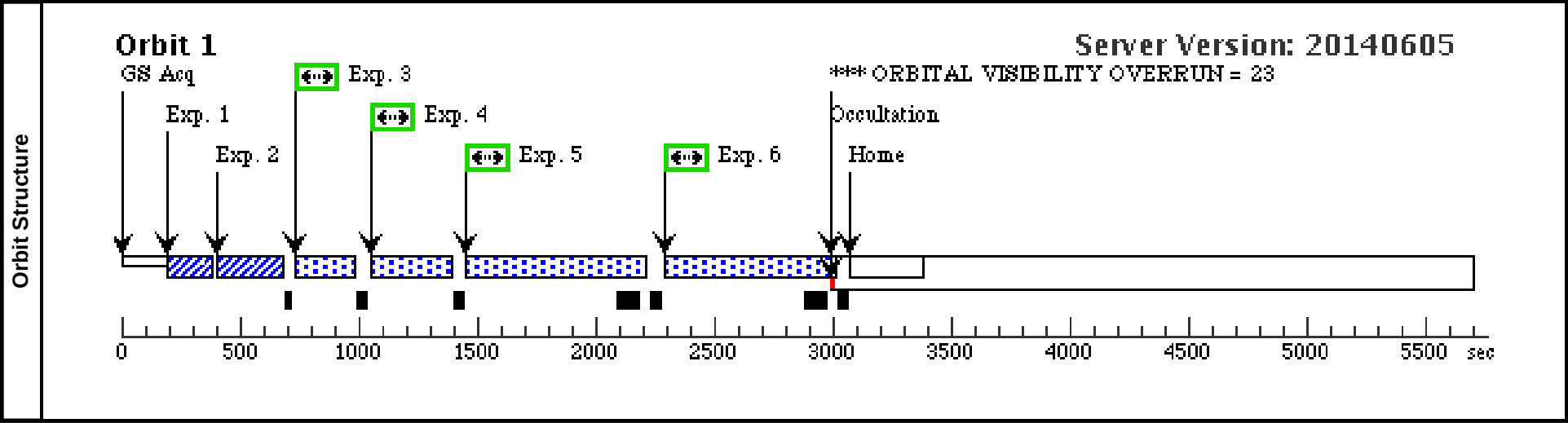
Proposal 13330 - Visit 90 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 90, completed										Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.119:21:17:00 AND 2014.120:12:30:00										
Diagnostics	(Visit 90) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 90) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
								[==>]		[1]	
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)			
								[==>]		[1]	
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)			
								[==>]		[1]	



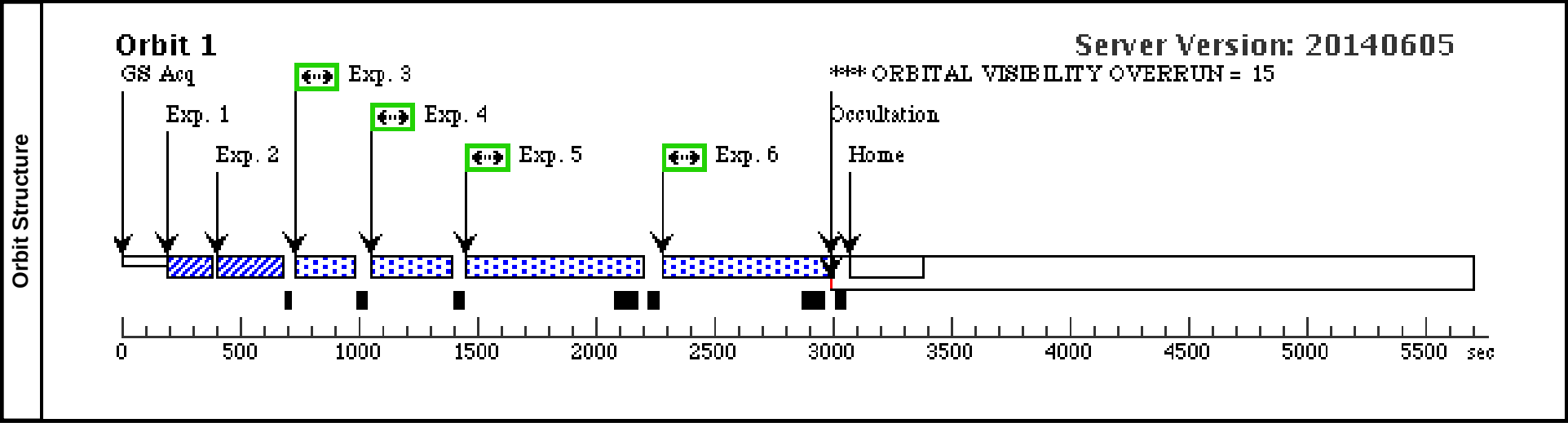
Proposal 13330 - Visit 91 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 91, completed									Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.120:22:23:00 AND 2014.121:10:24:00									
Diagnostics	(Visit 91) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 91) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



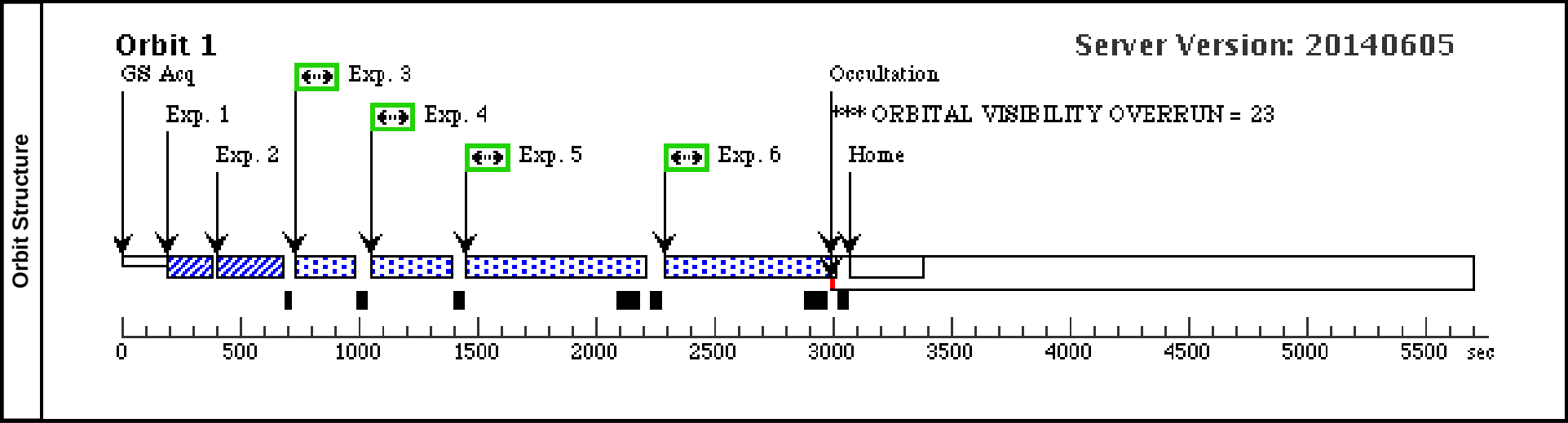
Proposal 13330 - Visit 92 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 92, completed										Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.121:20:17:00 AND 2014.122:11:30:00										
Diagnostics	(Visit 92) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 92) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



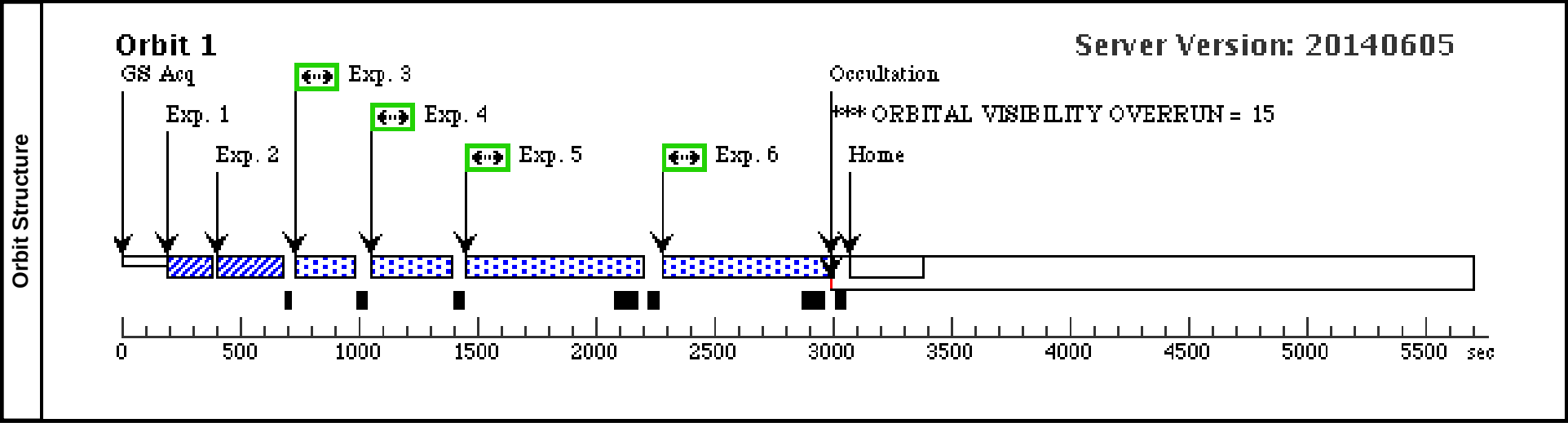
Proposal 13330 - Visit 93 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 93, completed										Wed Sep 10 01:10:43 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.122:19:48:00 AND 2014.123:11:01:00											
Diagnostics	(Visit 93) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 93) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



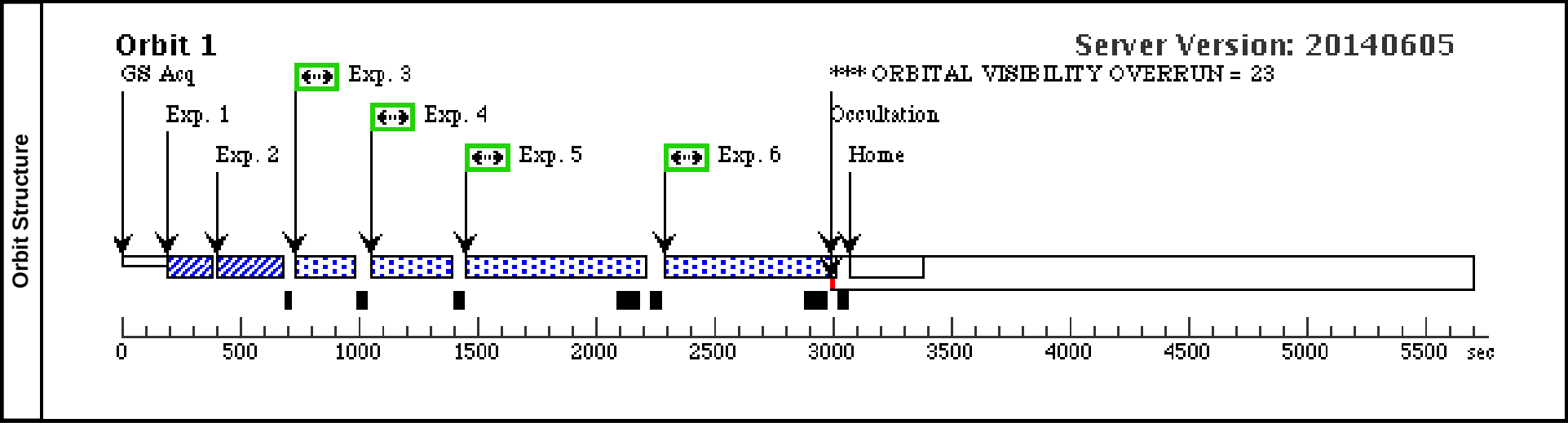
Proposal 13330 - Visit 94 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 94, completed										Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.123:19:18:00 AND 2014.124:10:31:00										
Diagnostics	(Visit 94) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 94) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



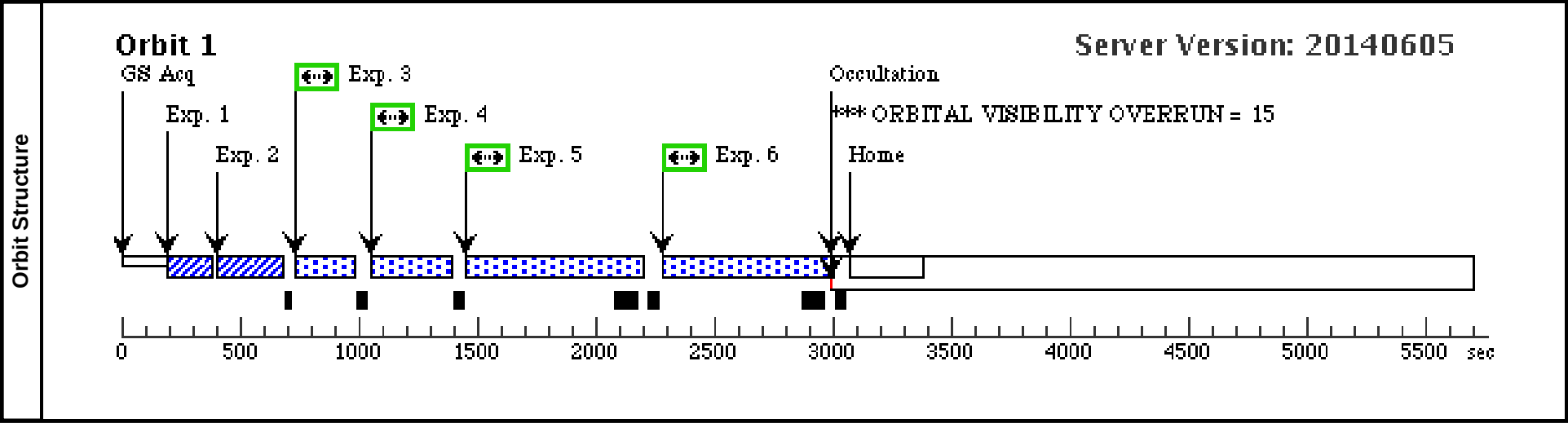
Proposal 13330 - Visit 95 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 95, completed									Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.124:20:25:00 AND 2014.125:08:25:00									
Diagnostics	(Visit 95) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
	(Visit 95) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



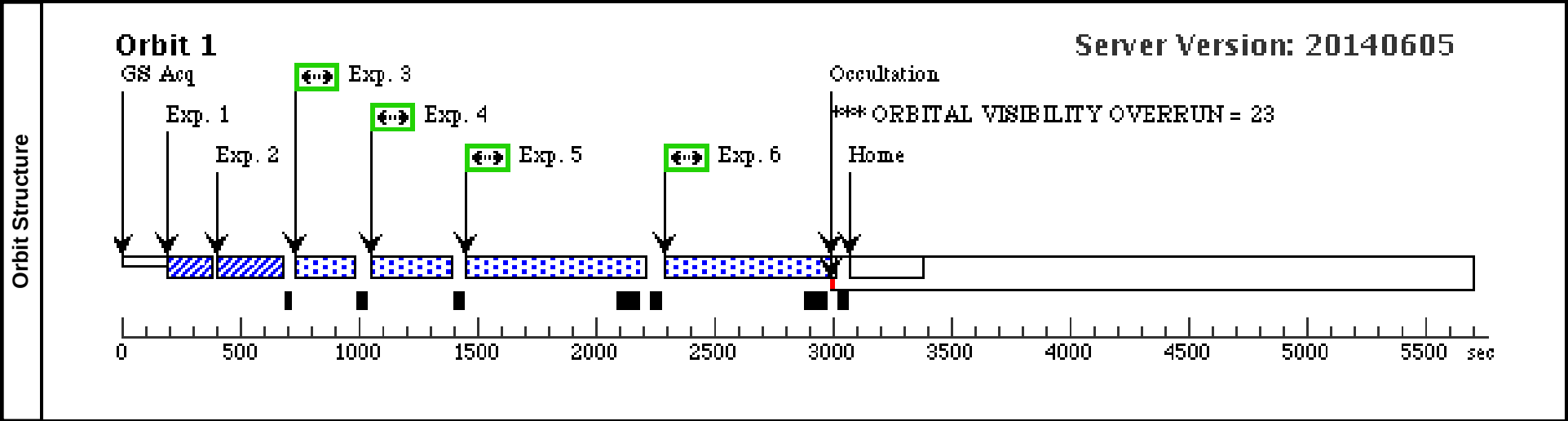
Proposal 13330 - Visit 96 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 96, completed										Wed Sep 10 01:10:43 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.125:19:55:00 AND 2014.126:07:56:00											
Diagnostics	(Visit 96) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 96) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



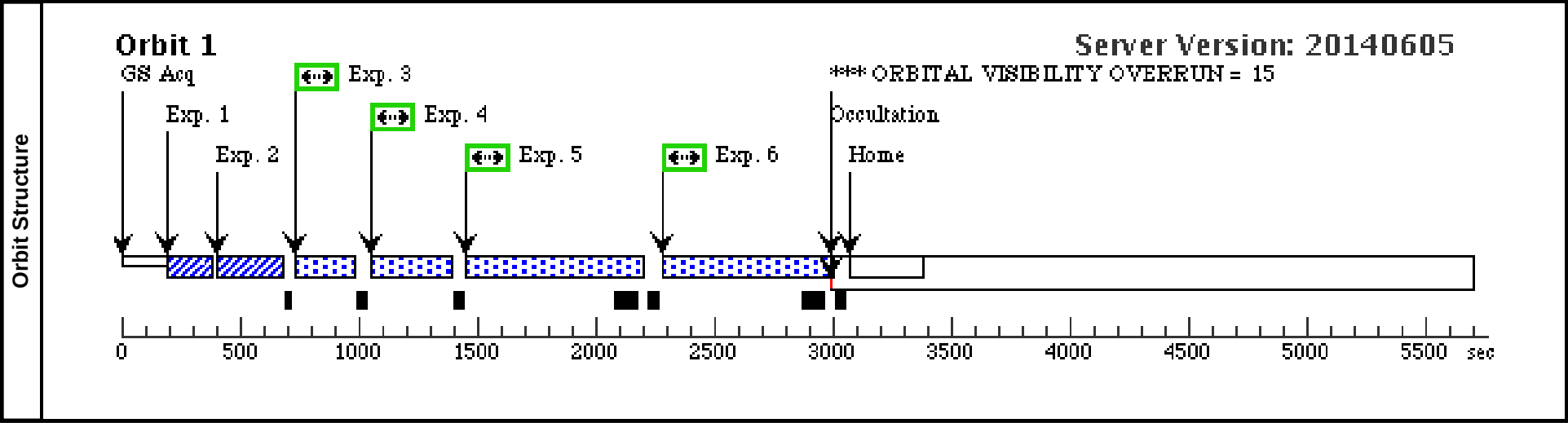
Proposal 13330 - Visit 97 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 97, completed									Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.126:19:25:00 AND 2014.127:07:26:00									
Diagnostics	(Visit 97) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 97) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



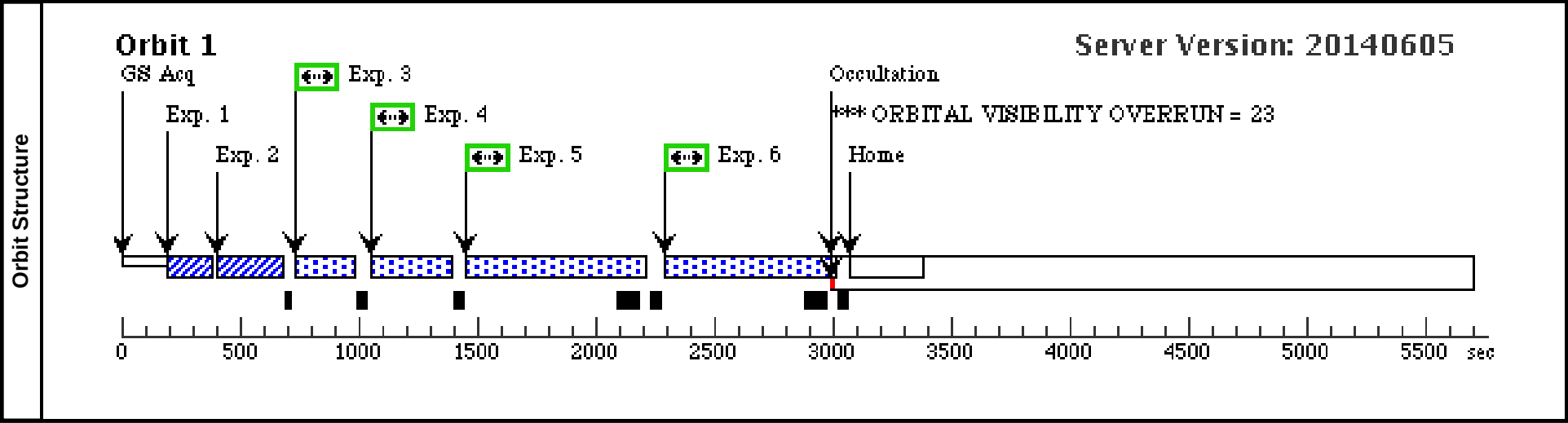
Proposal 13330 - Visit 98 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 98, completed										Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.127:18:55:00 AND 2014.128:06:56:00										
Diagnostics	(Visit 98) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 98) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



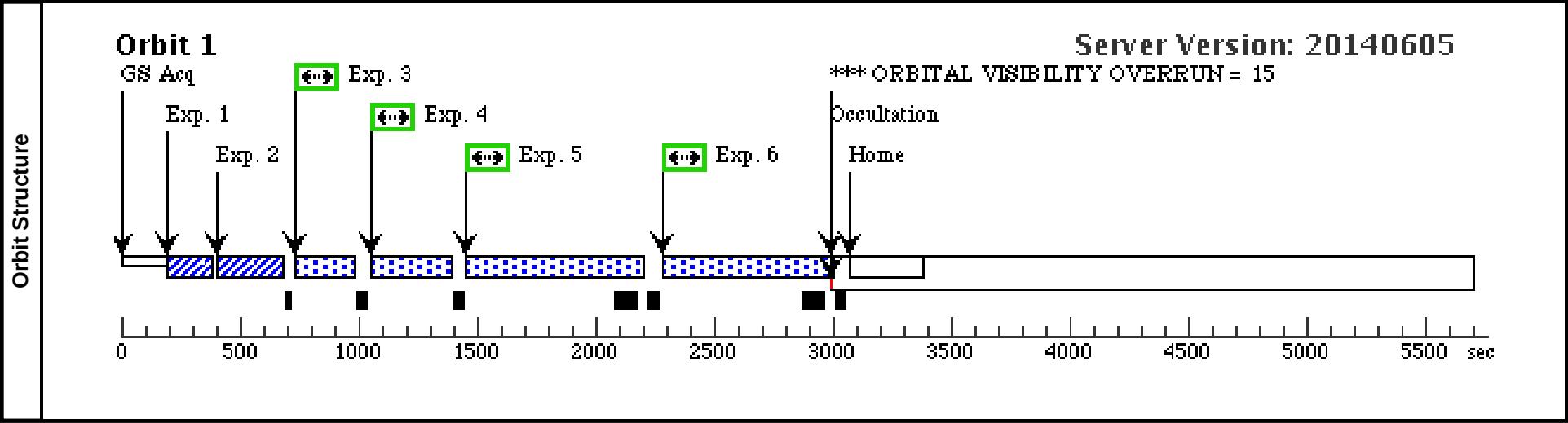
Proposal 13330 - Visit 99 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 99, completed										Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.128:18:26:00 AND 2014.129:06:27:00										
Diagnostics	(Visit 99) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 99) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



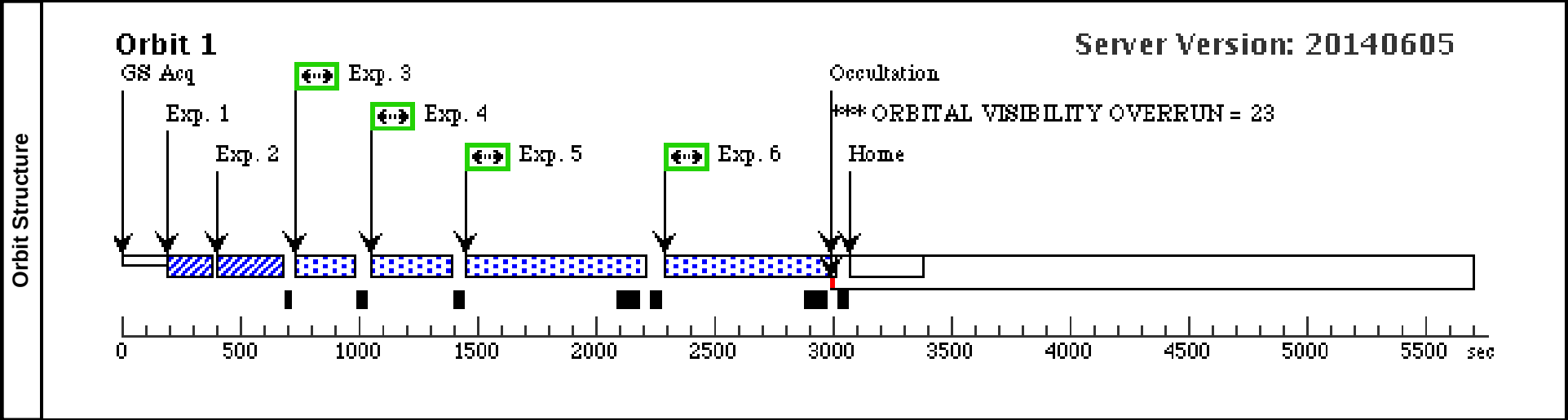
Proposal 13330 - Visit 0A - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0A, completed									Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.129:17:45:00 AND 2014.130:06:00:00									
Diagnostics	(Visit 0A) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 0A) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



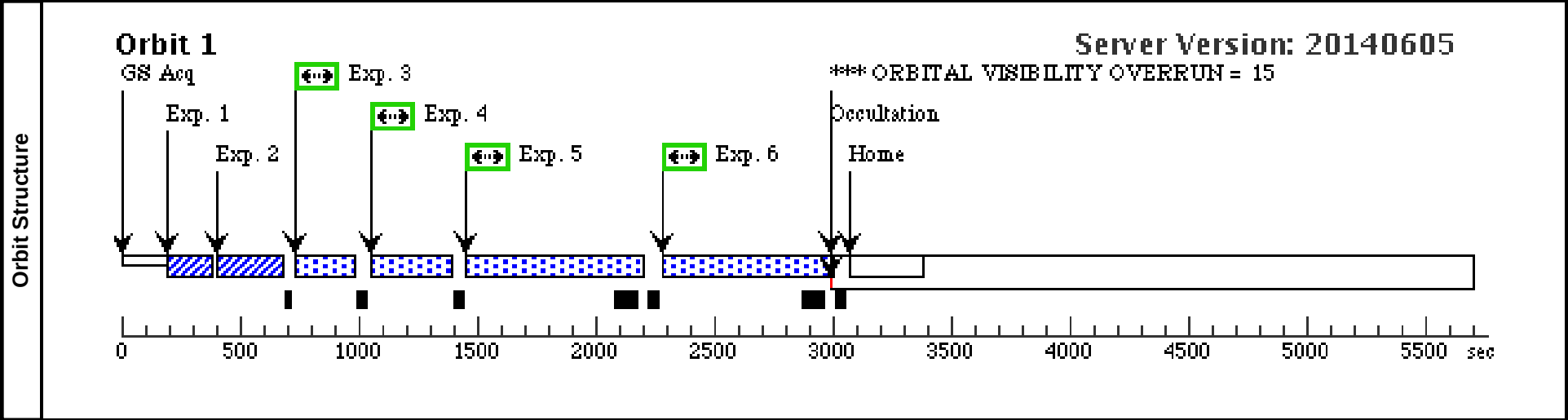
Proposal 13330 - Visit 0B - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0B, completed									Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.130:17:20:00 AND 2014.131:05:27:00									
Diagnostics	(Visit 0B) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 0B) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



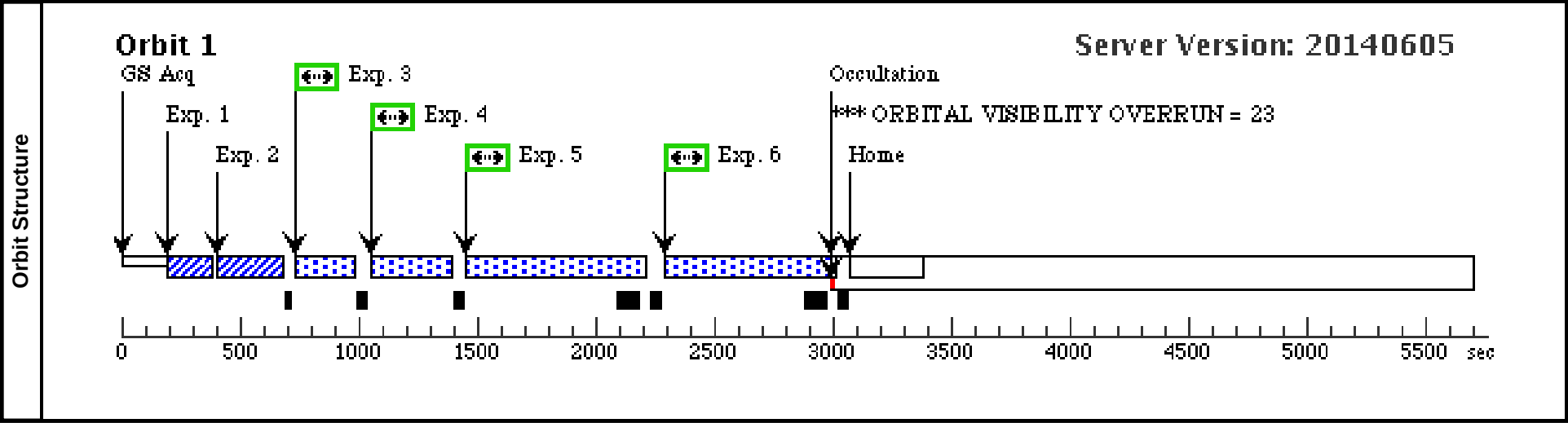
Proposal 13330 - Visit 0C - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0C, completed										Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.131:16:57:00 AND 2014.132:05:00:00										
Diagnostics	(Visit 0C) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 0C) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



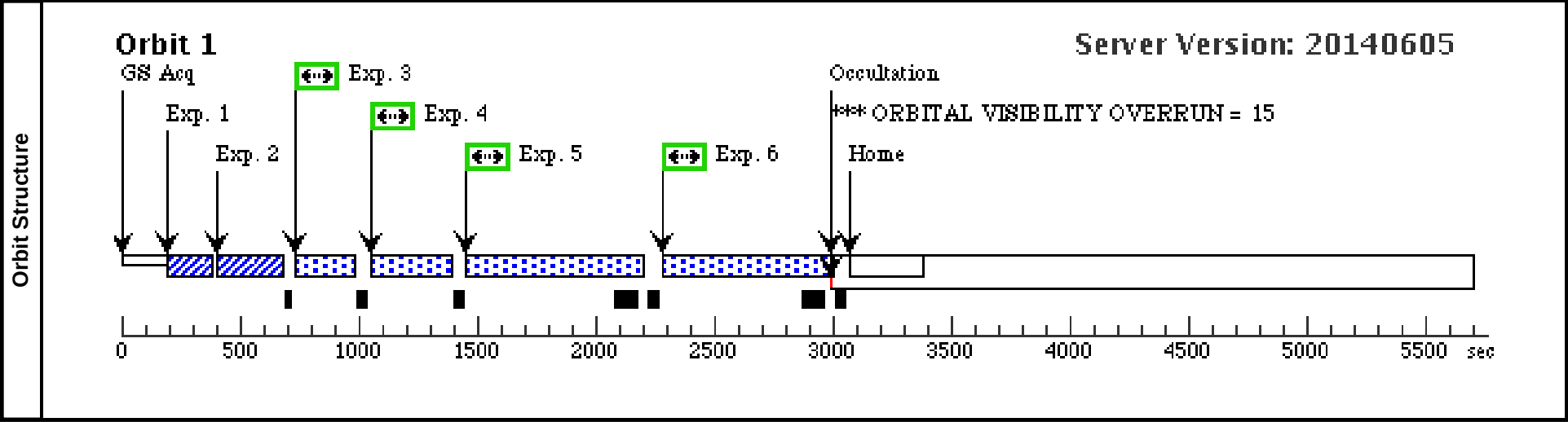
Proposal 13330 - Visit 0D - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0D, completed									Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.132:16:27:00 AND 2014.133:04:28:00									
Diagnostics	(Visit 0D) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 0D) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	 [1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	 [1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	 [1]
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	 [1]
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	 [1]
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	 [1]



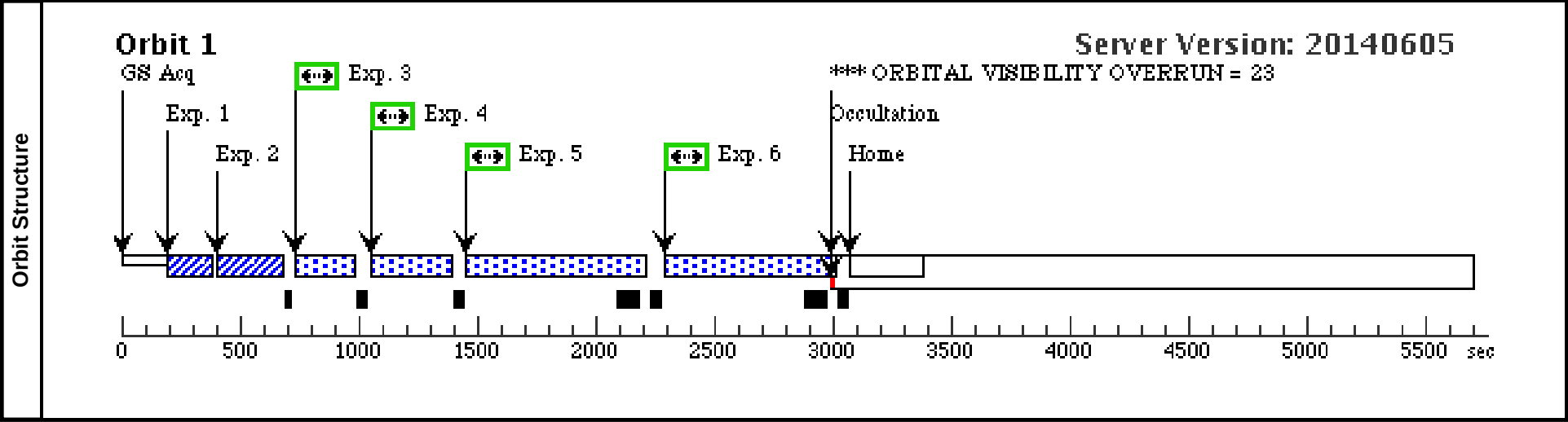
Proposal 13330 - Visit 0E - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0E, completed									Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.133:15:50:00 AND 2014.134:04:00:00									
Diagnostics	(Visit 0E) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 0E) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



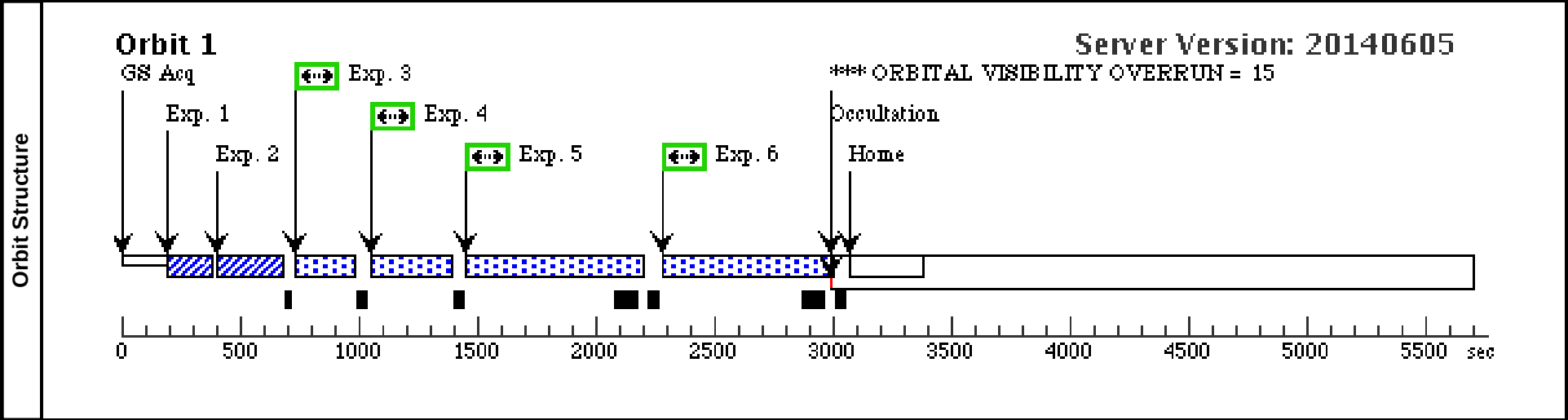
Proposal 13330 - Visit 0F - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0F, completed										Wed Sep 10 01:10:43 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.134:15:28:00 AND 2014.135:03:29:00										
Diagnostics	(Visit 0F) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 0F) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000			V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



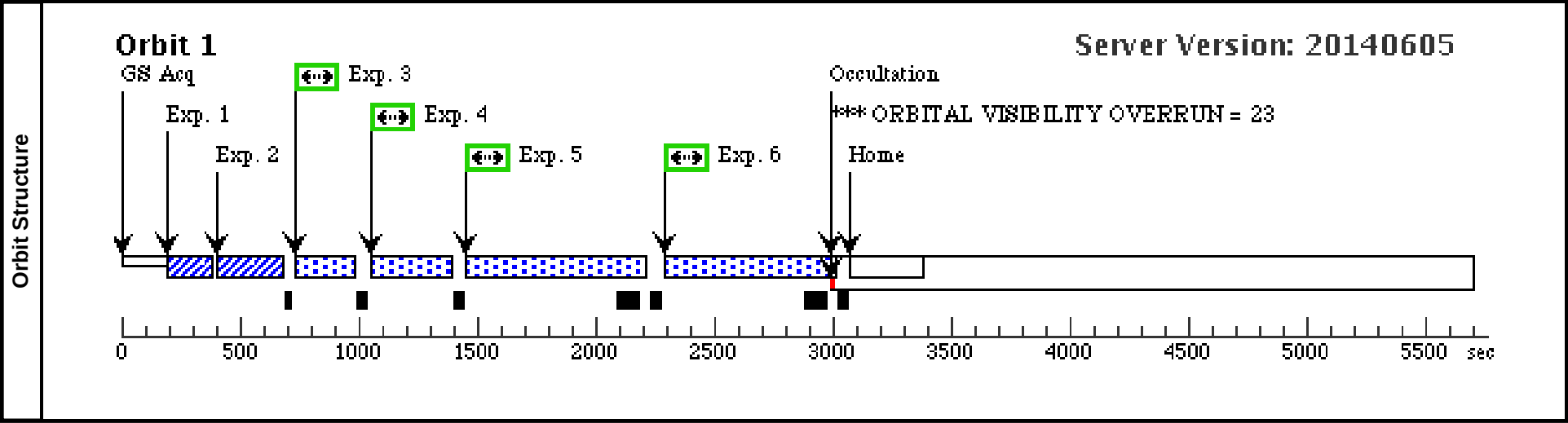
Proposal 13330 - Visit 0G - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0G, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.135:14:58:00 AND 2014.136:03:00:00										
Diagnostics	(Visit 0G) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 0G) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



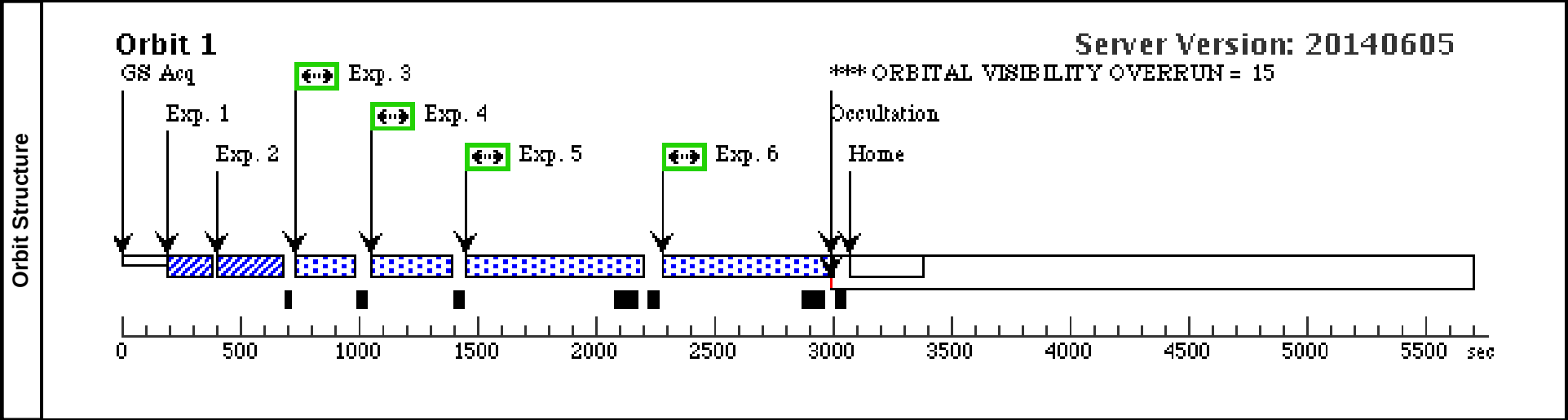
Proposal 13330 - Visit 0H - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0H, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.136:14:28:00 AND 2014.137:02:29:00										
Diagnostics	(Visit 0H) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 0H) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



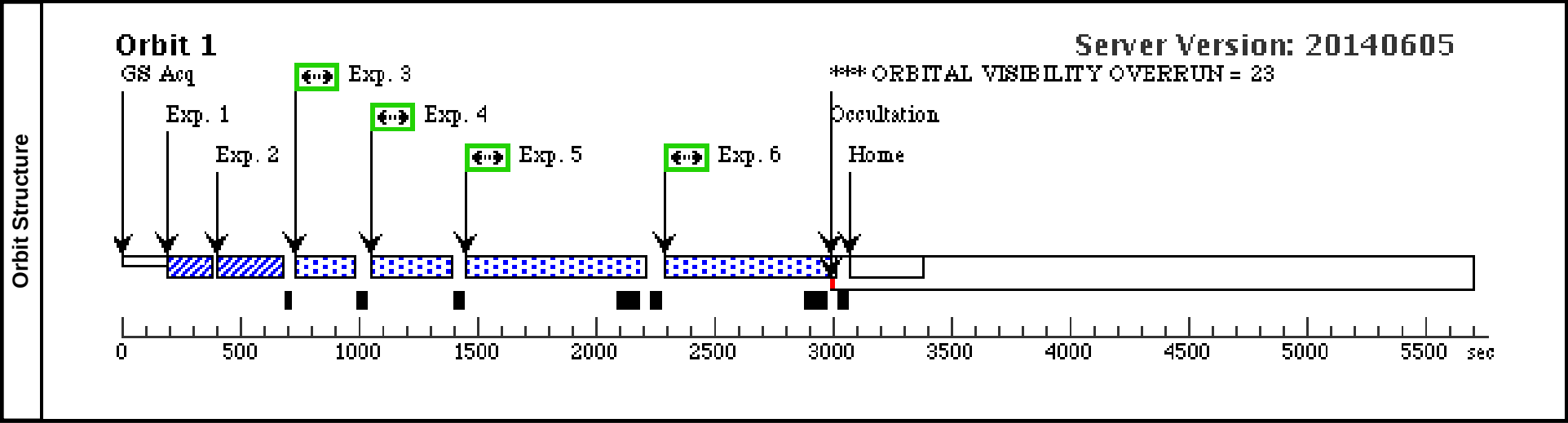
Proposal 13330 - Visit 0I - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0I, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.137:13:59:00 AND 2014.138:02:00:00										
Diagnostics	(Visit 0I) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 0I) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



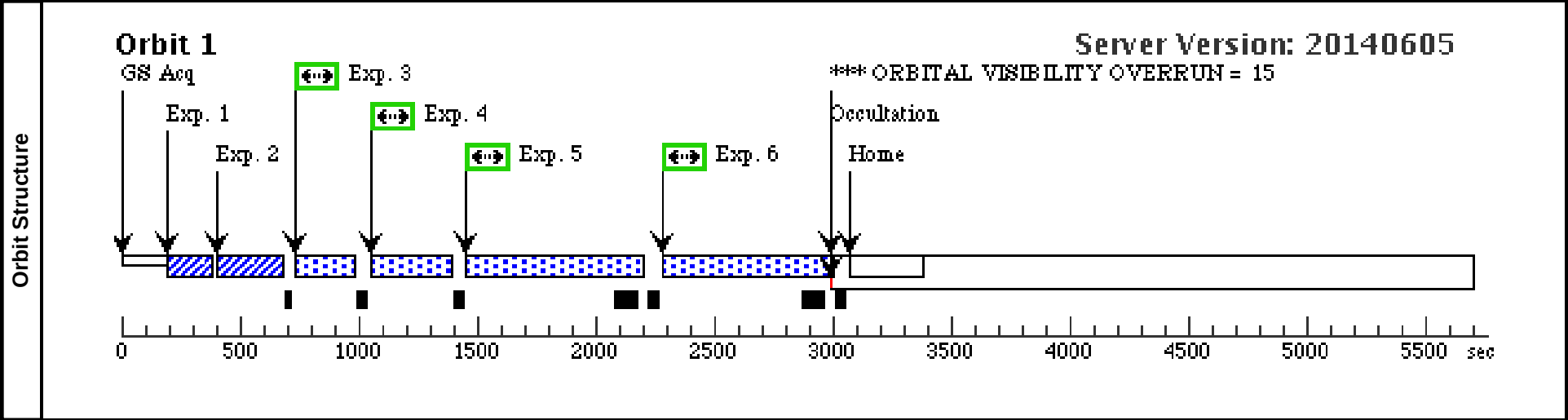
Proposal 13330 - Visit 0J - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0J, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.138:13:29:00 AND 2014.139:01:30:00										
Diagnostics	(Visit 0J) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 0J) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



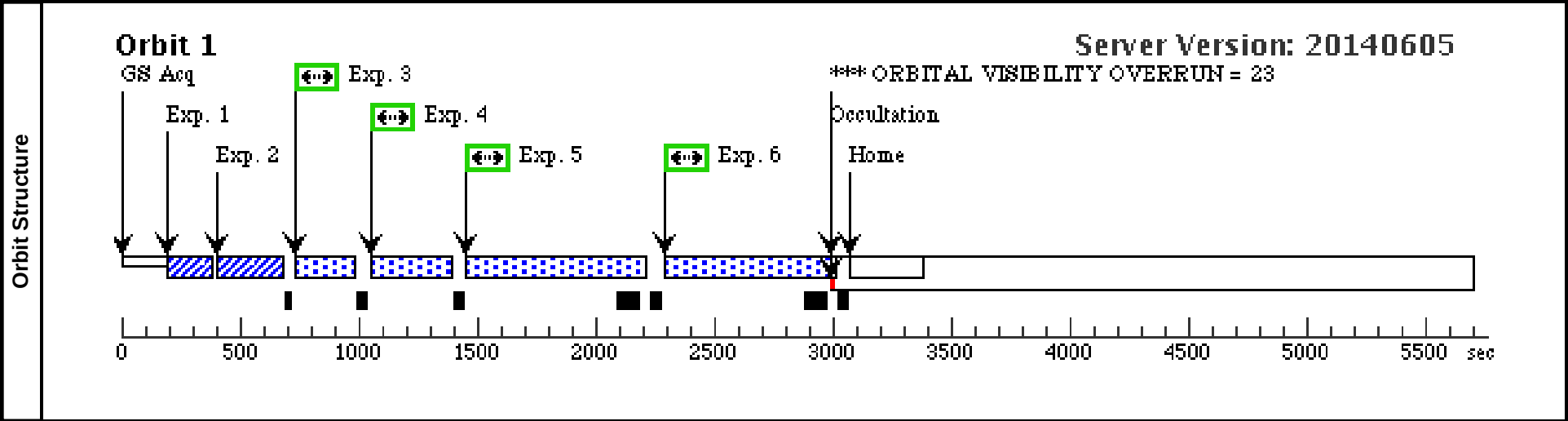
Proposal 13330 - Visit 0K - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0K, completed									Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.139:12:59:00 AND 2014.140:01:00:00									
Diagnostics	(Visit 0K) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 0K) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



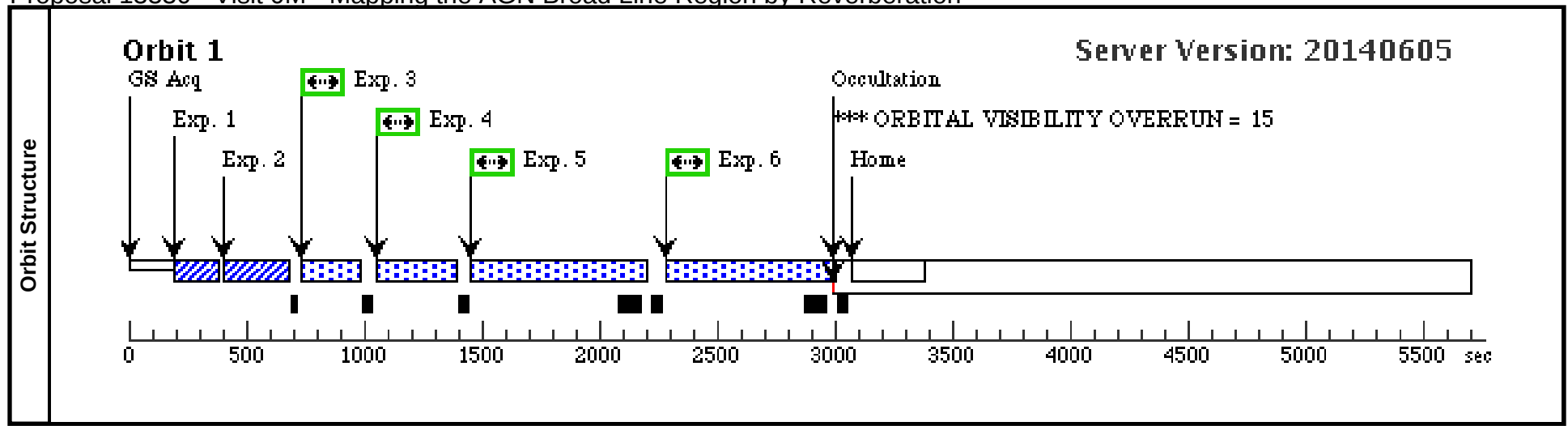
Proposal 13330 - Visit 0L - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0L, completed										Wed Sep 10 01:10:44 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.140:12:30:00 AND 2014.141:00:30:00											
Diagnostics	(Visit 0L) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 0L) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



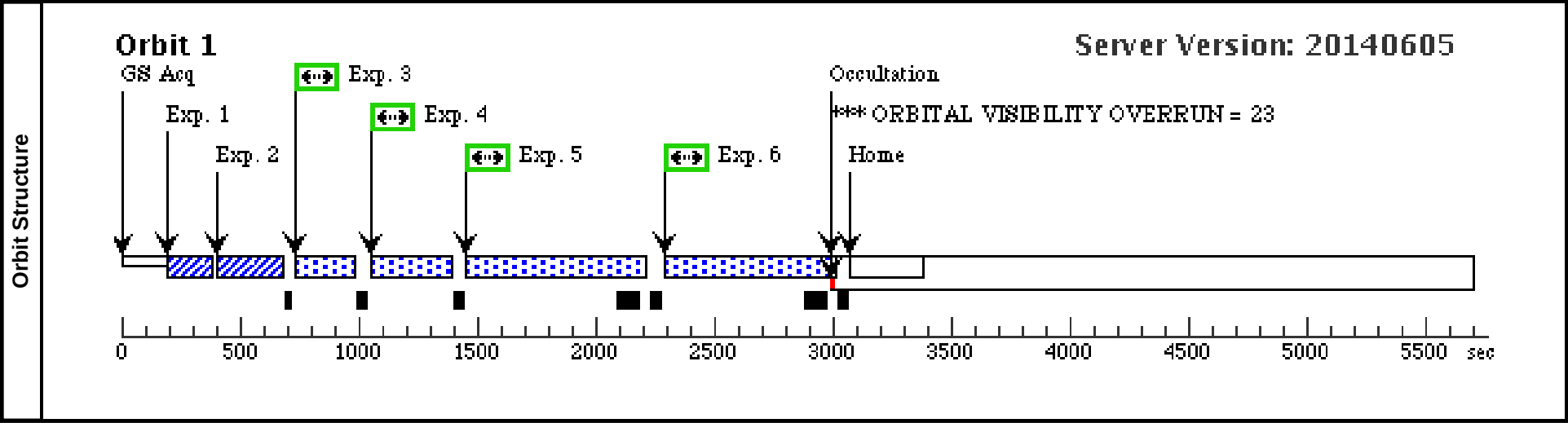
Proposal 13330 - Visit 0M - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0M, completed									Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.141:10:24:00 AND 2014.142:01:37:00									
Diagnostics	(Visit 0M) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 0M) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



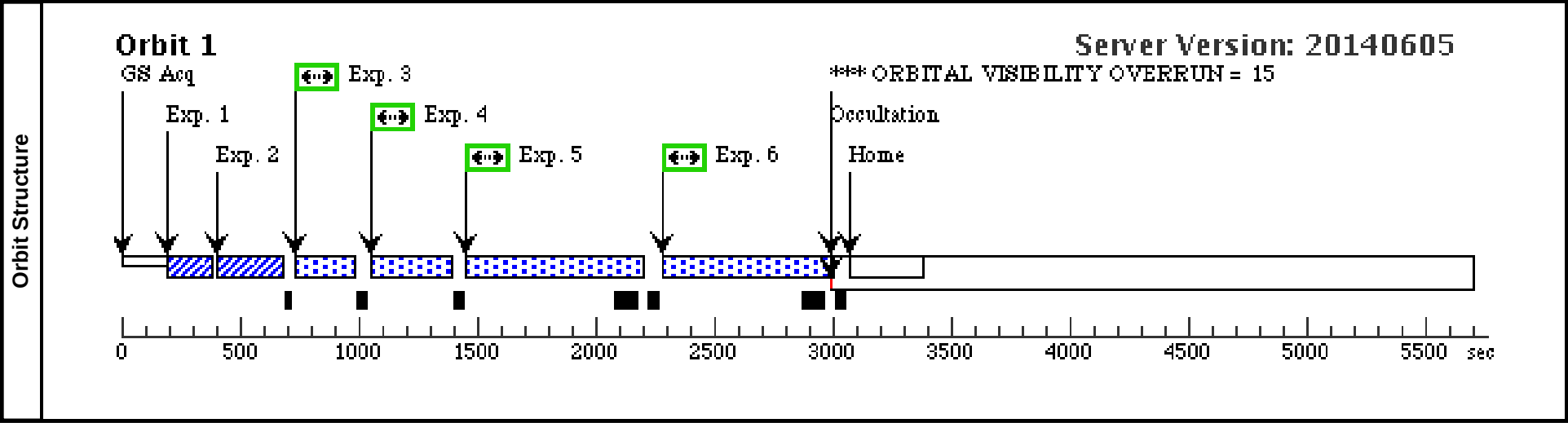
Proposal 13330 - Visit 0N - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0N, completed										Wed Sep 10 01:10:44 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.142:09:54:00 AND 2014.143:01:07:00											
Diagnostics	(Visit 0N) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 0N) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



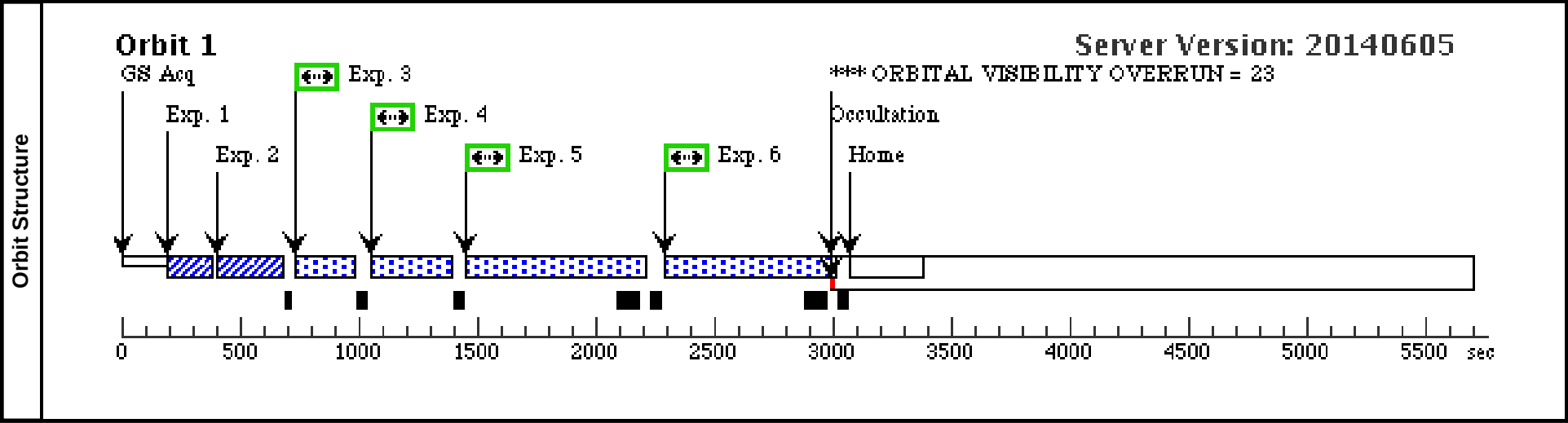
Proposal 13330 - Visit 00 - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 00, completed										Wed Sep 10 01:10:44 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.143:11:01:00 AND 2014.144:23:02:00											
Diagnostics	(Visit 00) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 00) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



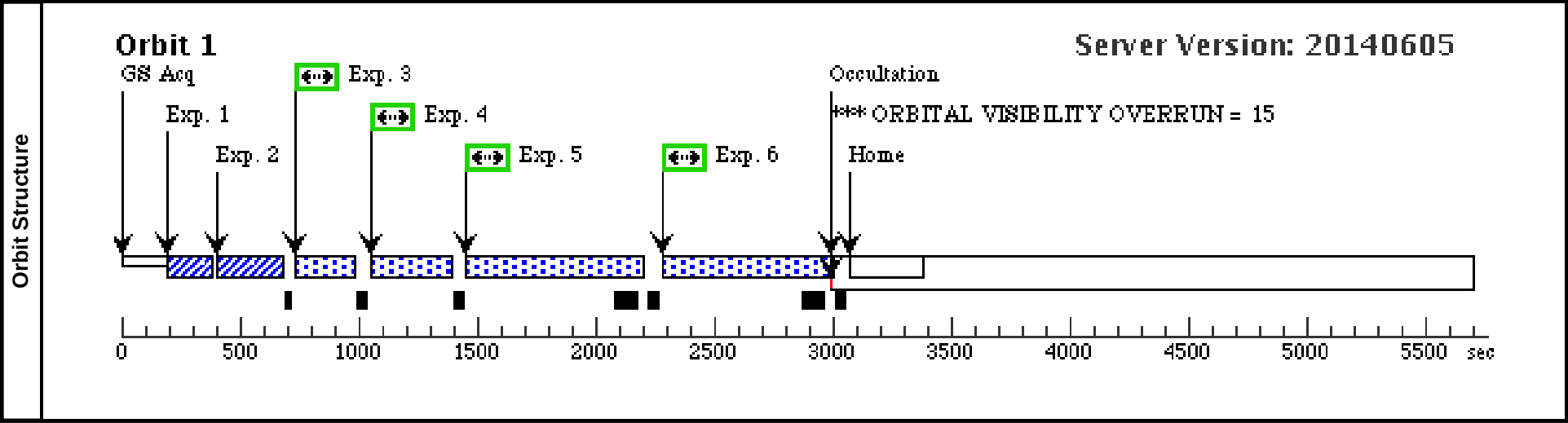
Proposal 13330 - Visit 0P - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0P, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.144:10:31:00 AND 2014.144:22:32:00										
Diagnostics	(Visit 0P) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 0P) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



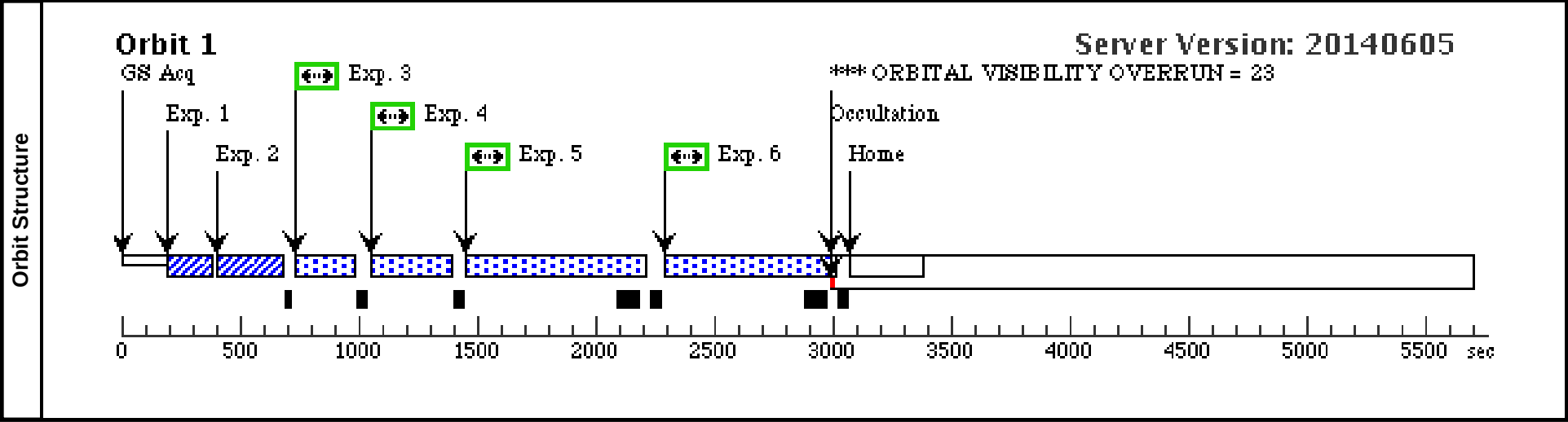
Proposal 13330 - Visit 0Q - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0Q, completed									Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.145:10:02:00 AND 2014.145:22:02:00									
Diagnostics	(Visit 0Q) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 0Q) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



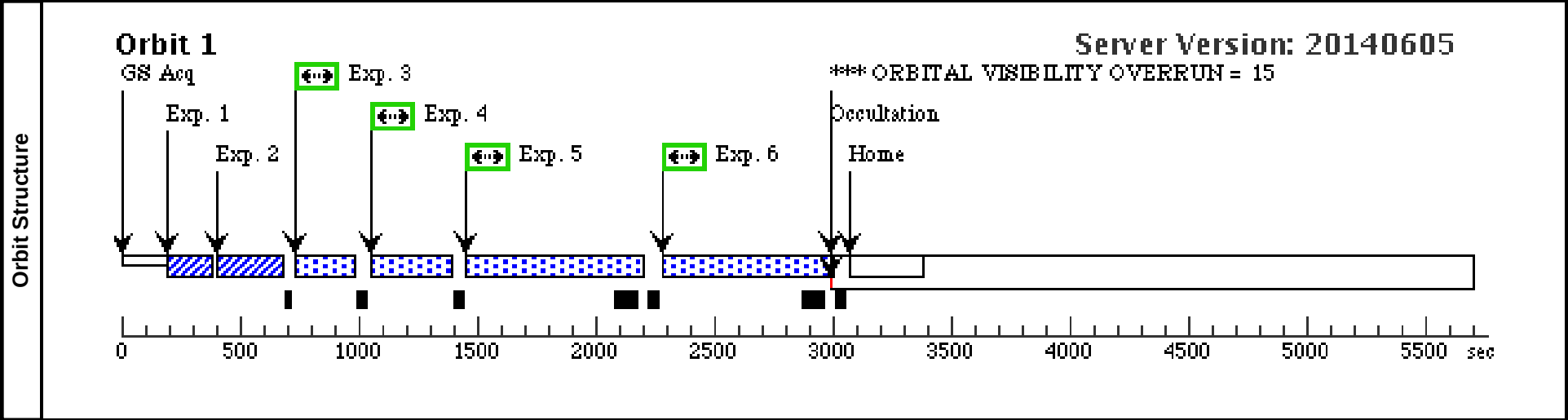
Proposal 13330 - Visit 0R - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0R, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.146:09:32:00 AND 2014.146:21:33:00										
Diagnostics	(Visit 0R) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 0R) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=47 8; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=47 9; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



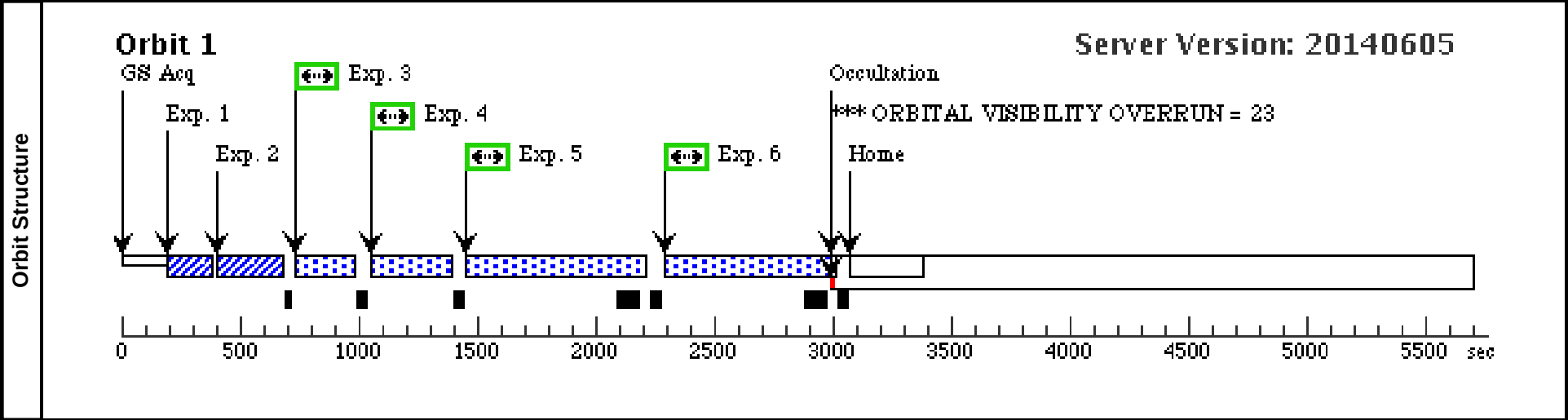
Proposal 13330 - Visit 0S - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0S, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.147:09:02:00 AND 2014.147:21:03:00										
Diagnostics	(Visit 0S) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 0S) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



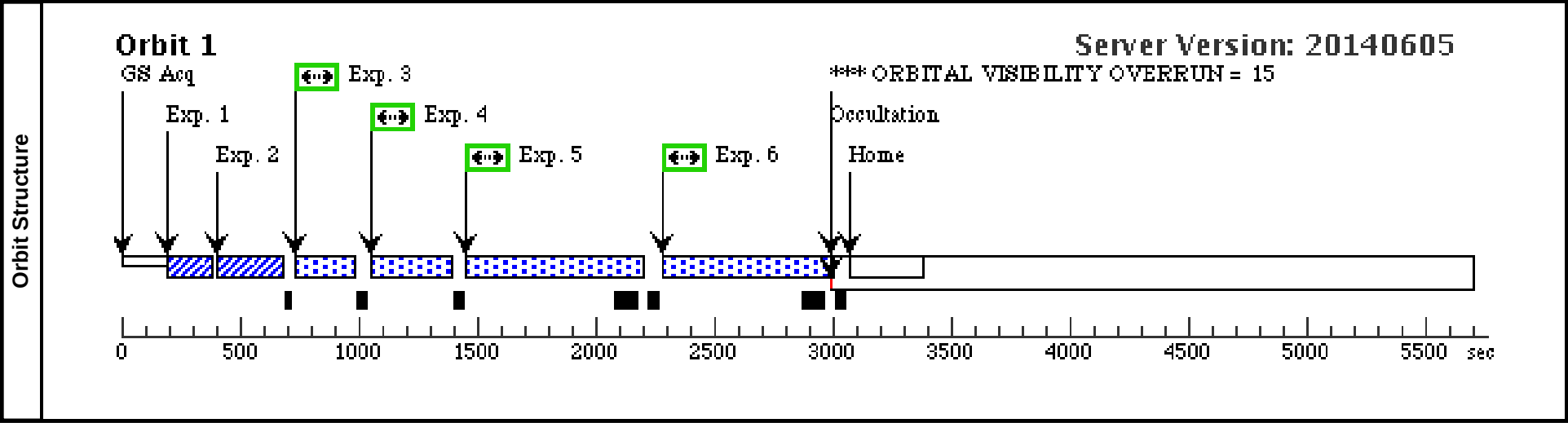
Proposal 13330 - Visit 0T - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0T, completed										Wed Sep 10 01:10:44 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.148:08:32:00 AND 2014.148:20:33:00											
Diagnostics	(Visit 0T) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 0T) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous						
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS						
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)			
										[==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)			
										[==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)			
										[==>]	[1]	
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)			
									[==>]	[1]		
5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)				
									[==>]	[1]		
6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)				
									[==>]	[1]		



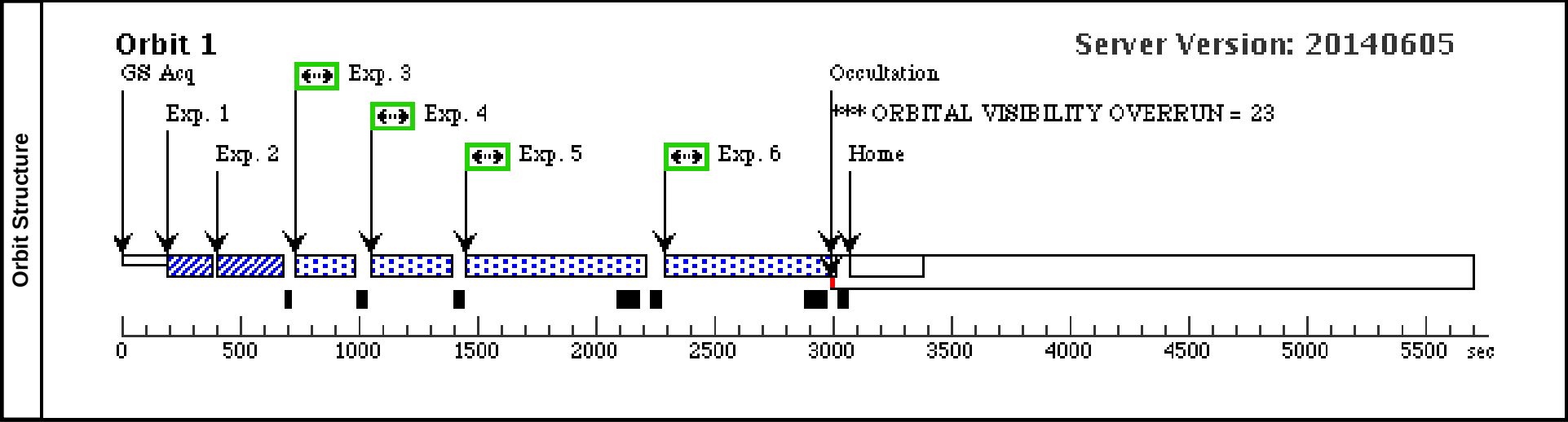
Proposal 13330 - Visit 0U - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0U, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.149:08:03:00 AND 2014.149:20:04:00										
Diagnostics	(Visit 0U) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 0U) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)		
										[==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)		
										[==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
										[==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]	[1]	
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)			
									[==>]	[1]	
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)			
									[==>]	[1]	



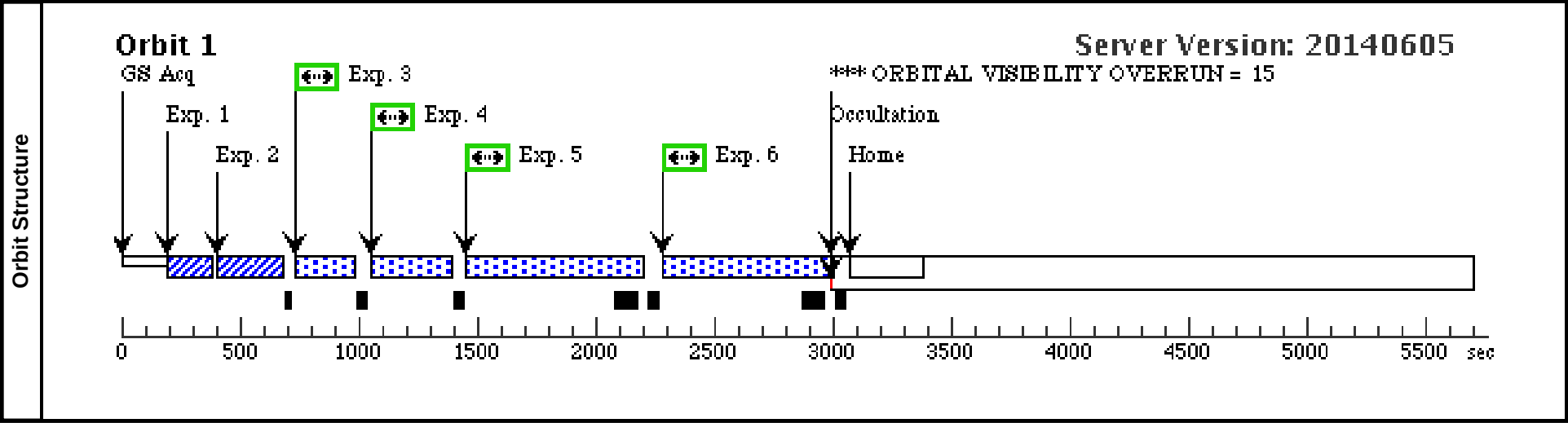
Proposal 13330 - Visit 0V - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0V, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.150:07:33:00 AND 2014.150:19:34:00										
Diagnostics	(Visit 0V) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 0V) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



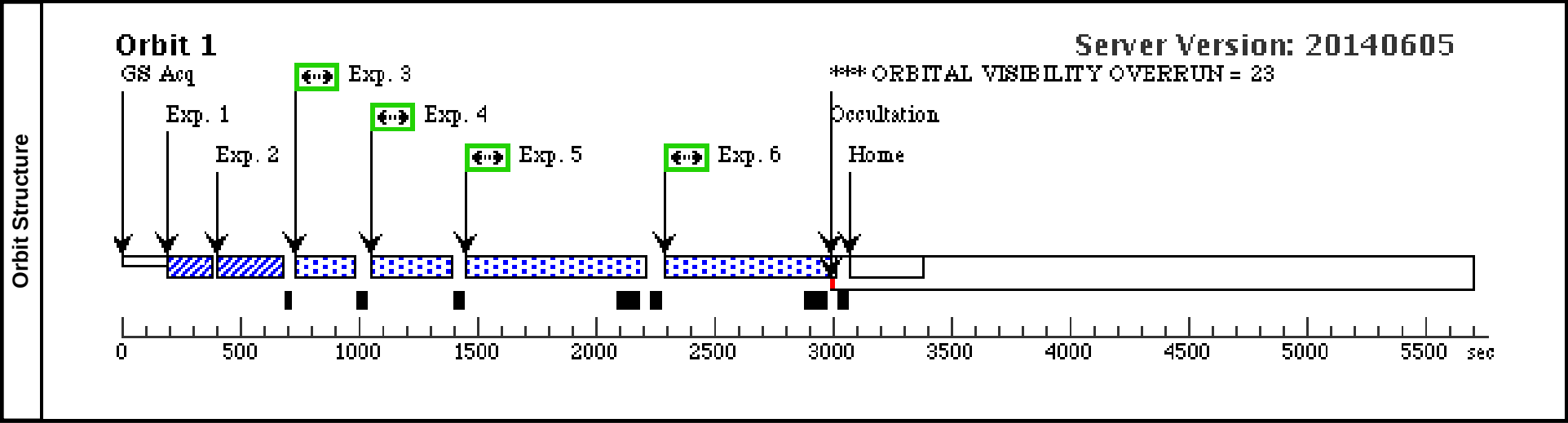
Proposal 13330 - Visit 0W - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0W, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.151:07:04:00 AND 2014.151:19:04:00										
Diagnostics	(Visit 0W) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 0W) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



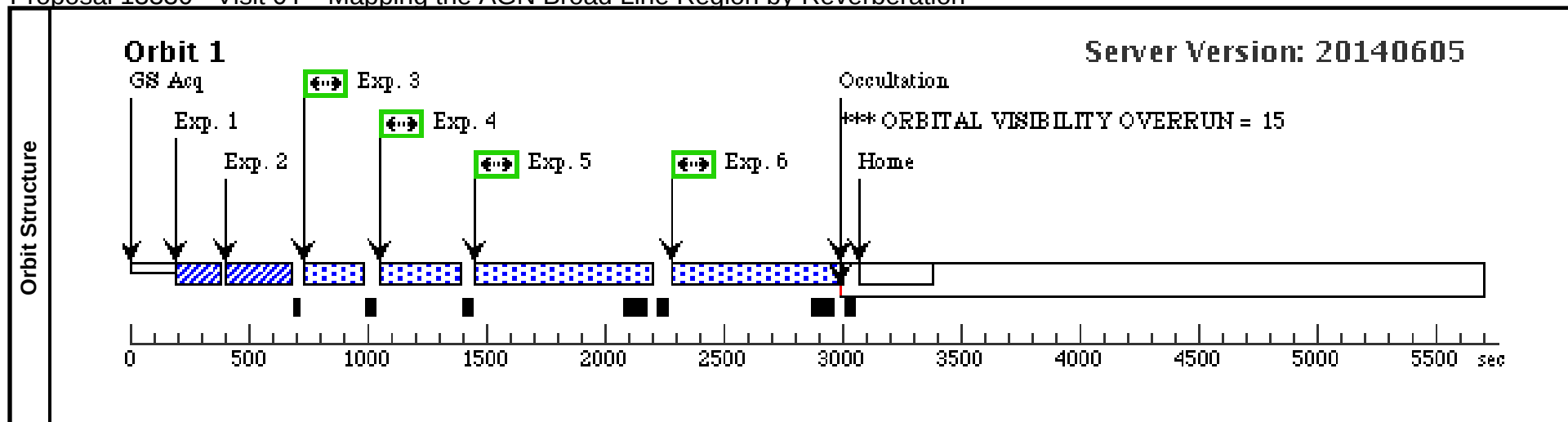
Proposal 13330 - Visit 0X - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0X, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.152:06:34:00 AND 2014.152:18:35:00										
Diagnostics	(Visit 0X) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 0X) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



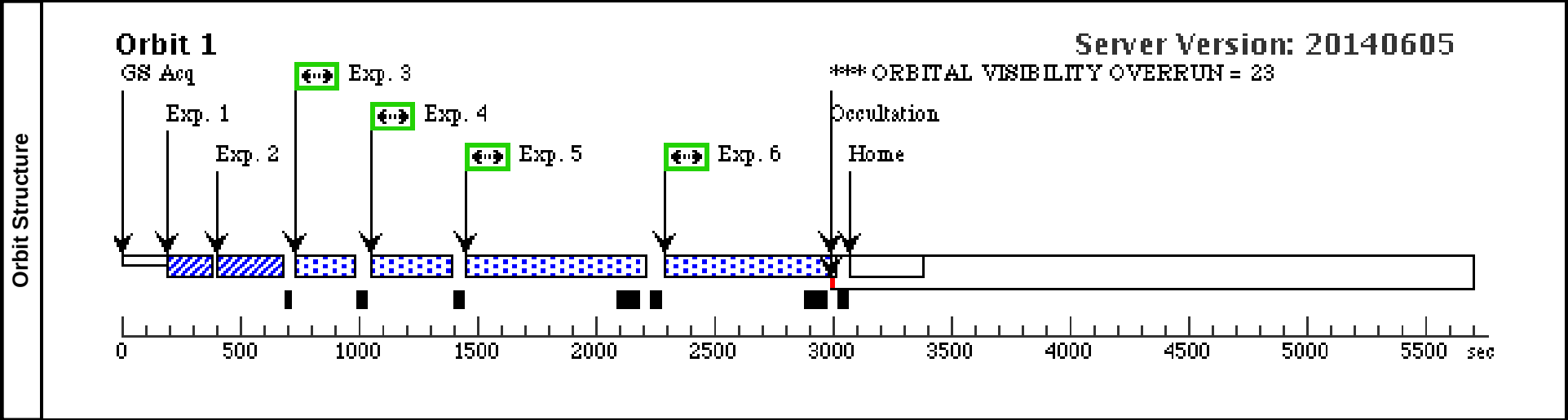
Proposal 13330 - Visit 0Y - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0Y, completed										Wed Sep 10 01:10:44 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.153:06:04:00 AND 2014.153:18:05:00											
Diagnostics	(Visit 0Y) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 0Y) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=47 8; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=47 9; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



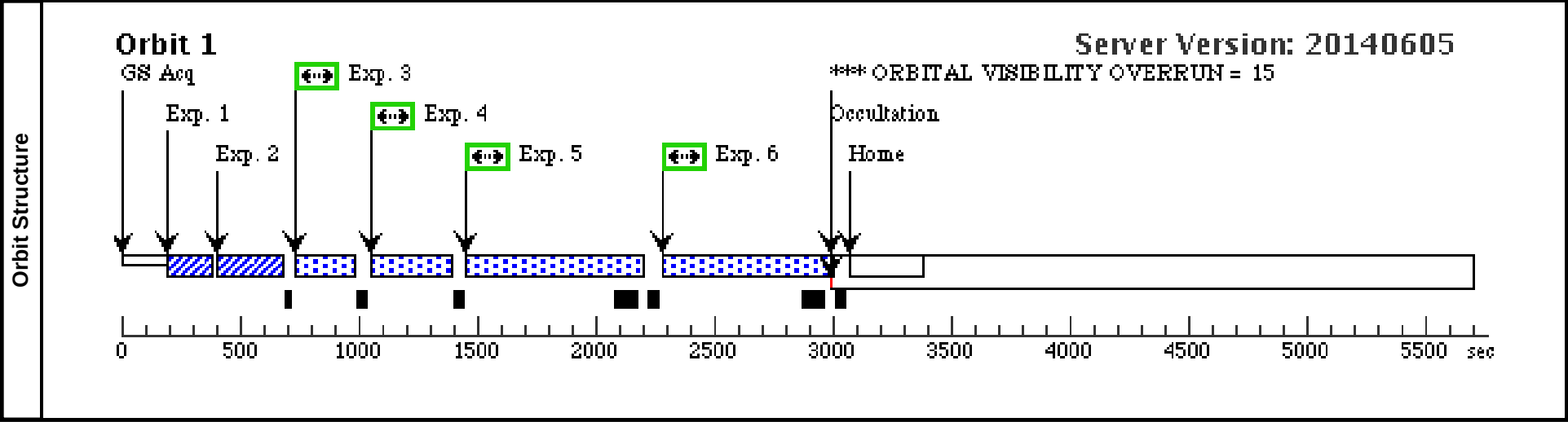
Proposal 13330 - Visit 0Z - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 0Z, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.154:05:34:00 AND 2014.154:17:35:00										
Diagnostics	(Visit 0Z) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 0Z) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



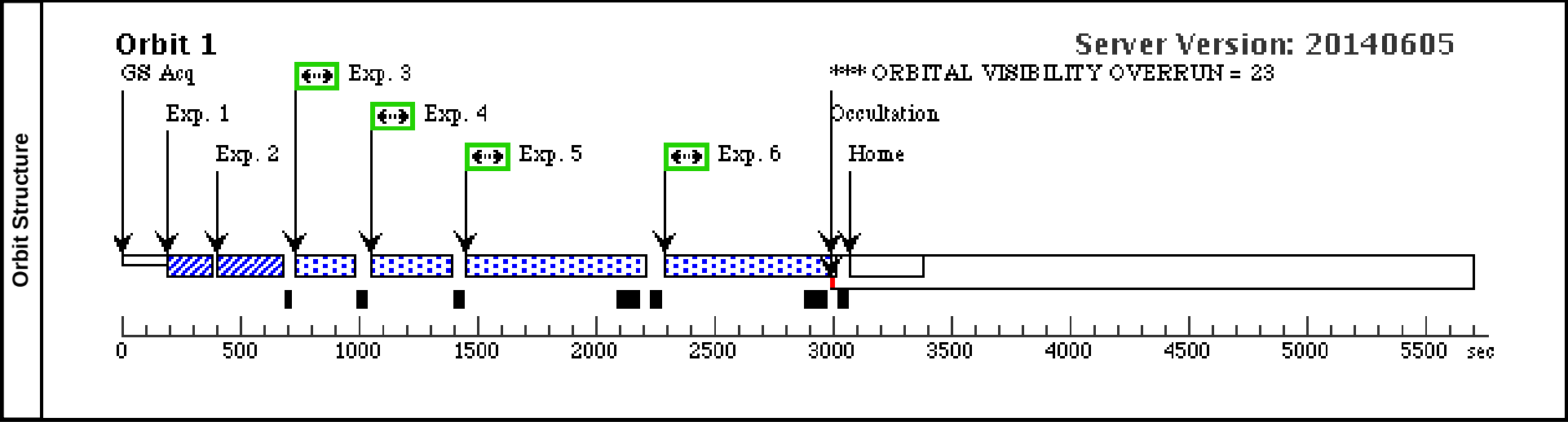
Proposal 13330 - Visit 1A - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1A, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.155:05:05:00 AND 2014.155:17:06:00										
Diagnostics	(Visit 1A) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 1A) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS					
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



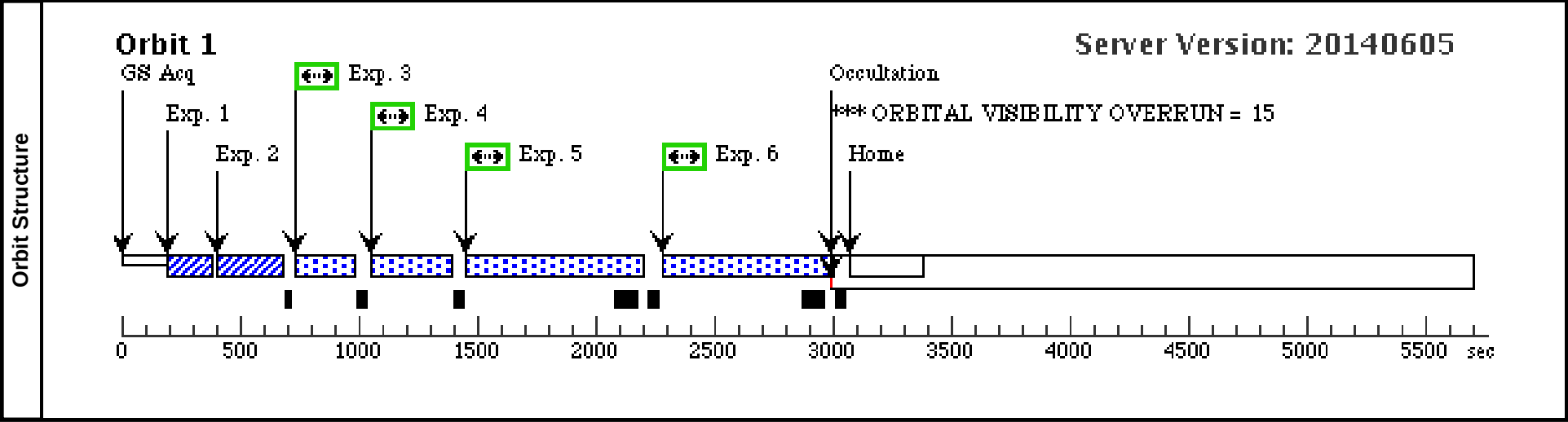
Proposal 13330 - Visit 1B - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1B, completed										Wed Sep 10 01:10:44 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.156:04:35:00 AND 2014.156:16:36:00											
Diagnostics	(Visit 1B) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 1B) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



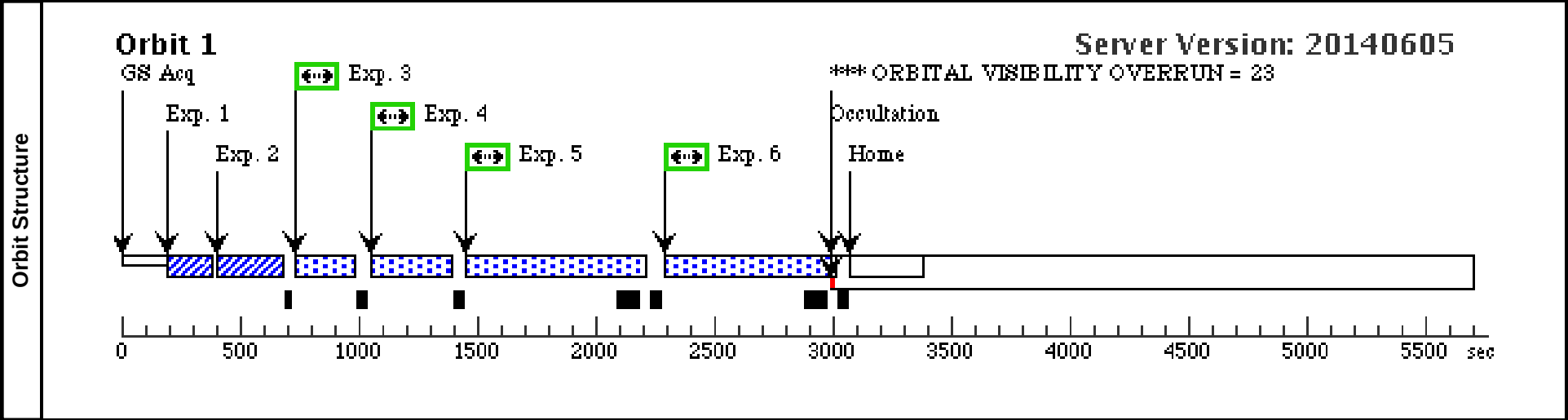
Proposal 13330 - Visit 1C - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1C, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.157:04:05:00 AND 2014.157:16:05:00										
Diagnostics	(Visit 1C) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 1C) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



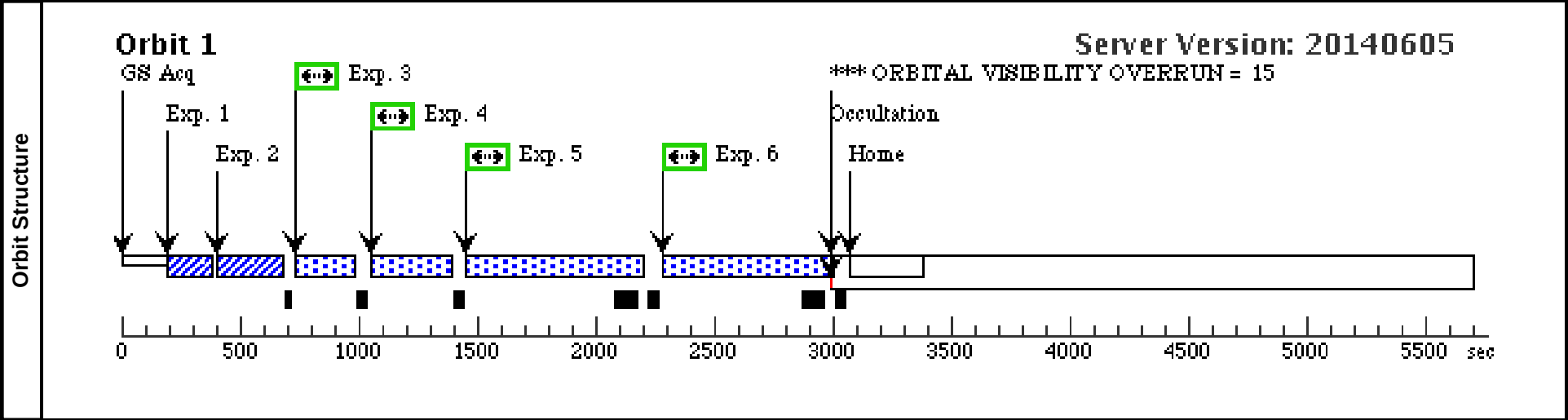
Proposal 13330 - Visit 1D - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1D, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.158:03:36:00 AND 2014.158:15:37:00										
Diagnostics	(Visit 1D) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 1D) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



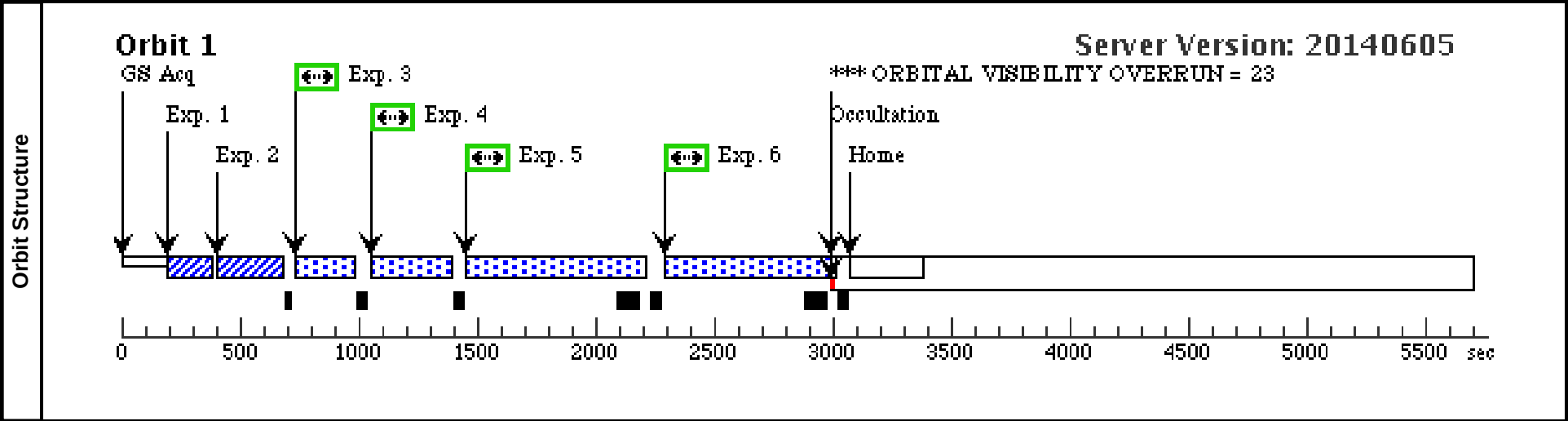
Proposal 13330 - Visit 1E - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1E, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.159:03:06:00 AND 2014.159:15:07:00										
Diagnostics	(Visit 1E) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 1E) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs)		
									[==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs)		
									[==>]		[1]
5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs)			
								[==>]		[1]	
6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs)			
								[==>]		[1]	



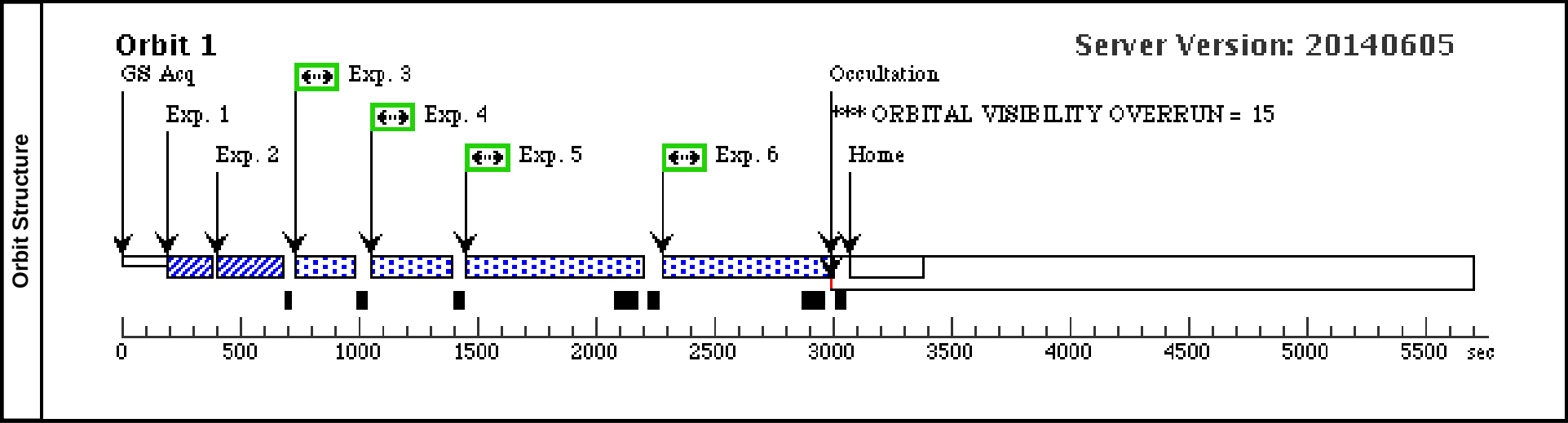
Proposal 13330 - Visit 1F - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1F, completed										Wed Sep 10 01:10:44 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.160:02:37:00 AND 2014.160:14:38:00											
Diagnostics	(Visit 1F) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 1F) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



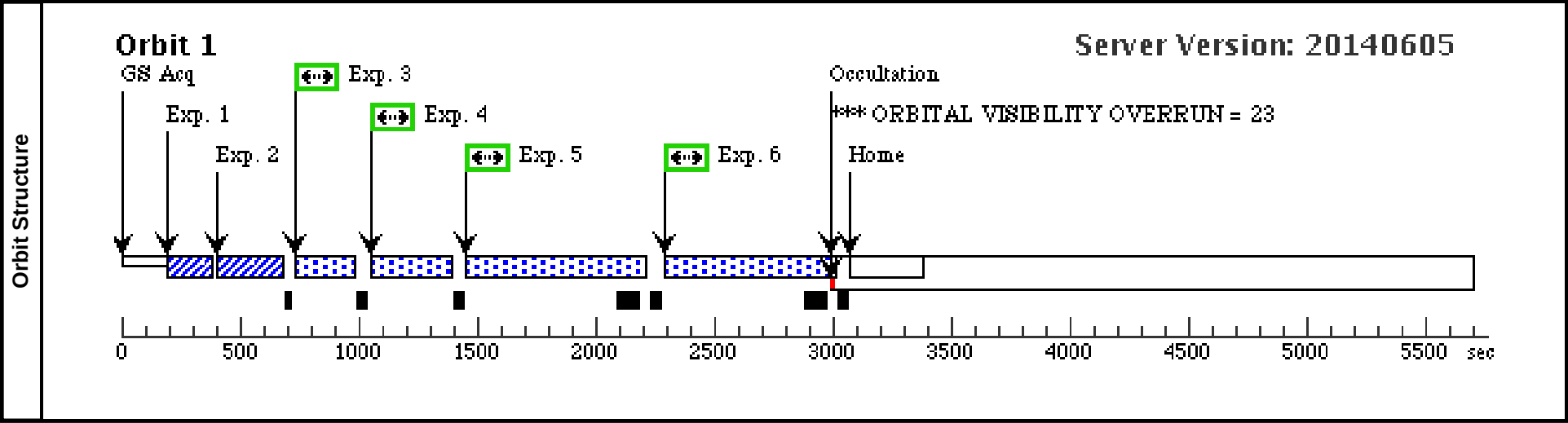
Proposal 13330 - Visit 1G - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1G, completed										Wed Sep 10 01:10:44 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.161:02:07:00 AND 2014.161:14:08:00										
Diagnostics	(Visit 1G) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 1G) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



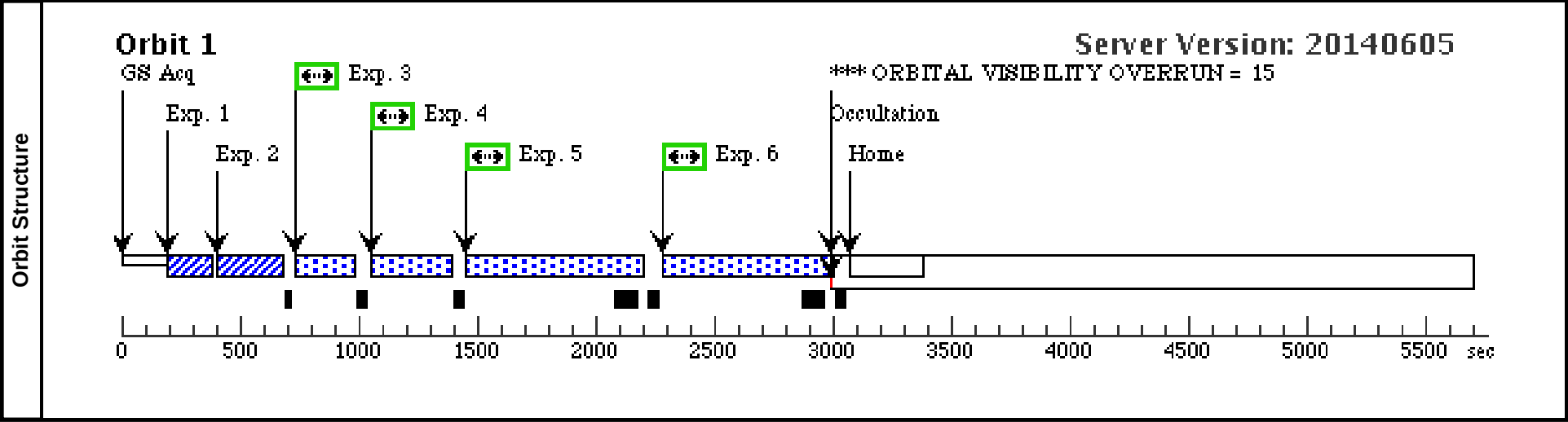
Proposal 13330 - Visit 1H - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1H, completed										Wed Sep 10 01:10:44 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.162:01:37:00 AND 2014.162:13:38:00											
Diagnostics	(Visit 1H) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 1H) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



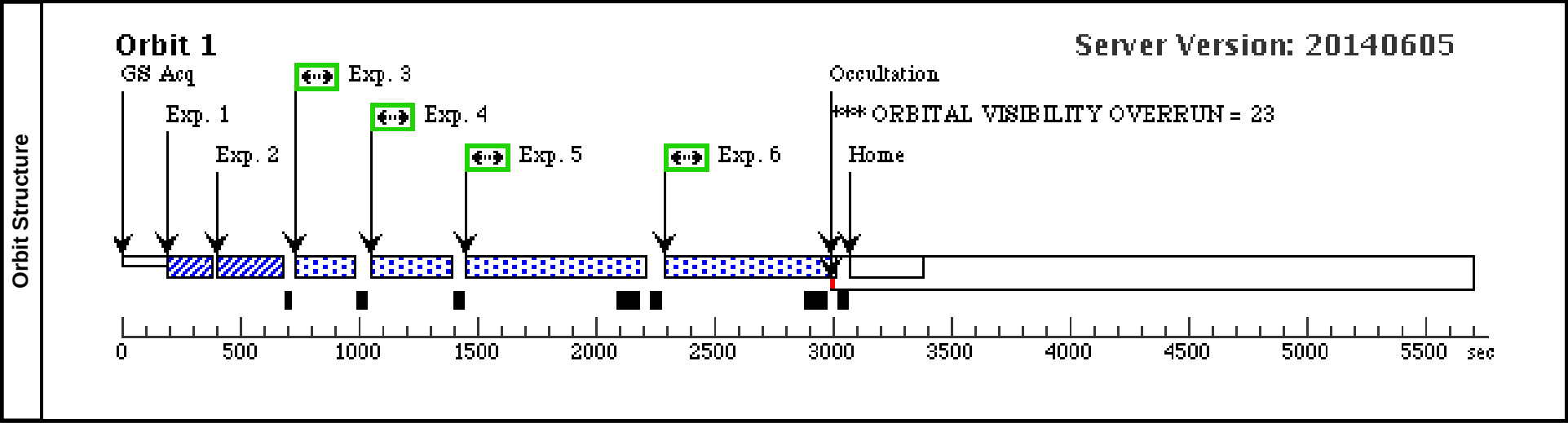
Proposal 13330 - Visit 1I - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1I, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.163:01:08:00 AND 2014.163:13:09:00										
Diagnostics	(Visit 1I) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 1I) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



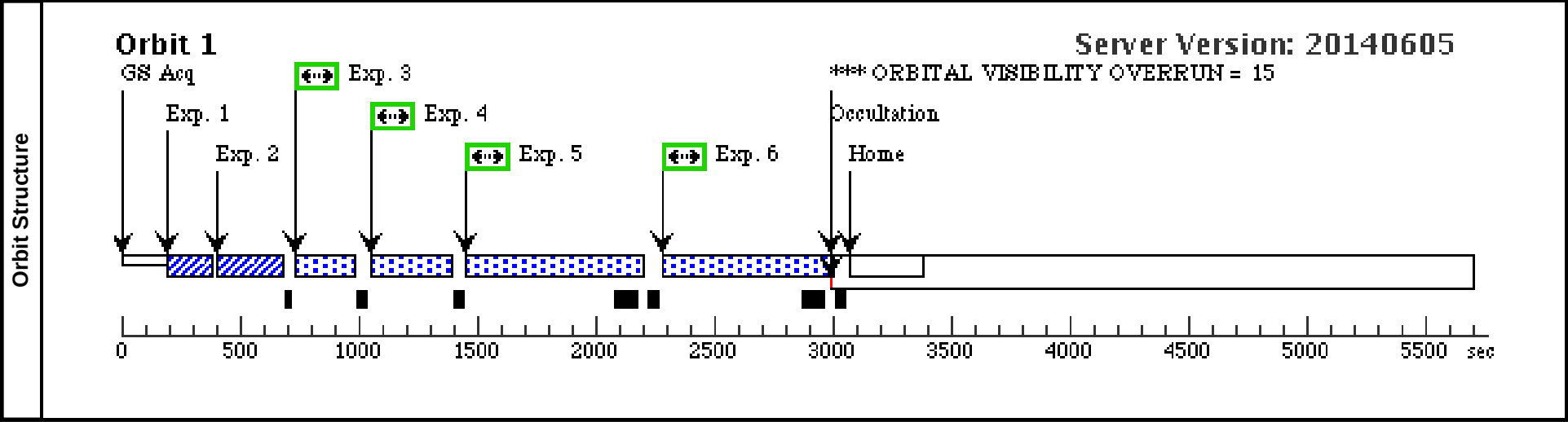
Proposal 13330 - Visit 1J - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1J, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.164:00:38:00 AND 2014.164:12:39:00										
Diagnostics	(Visit 1J) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 1J) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



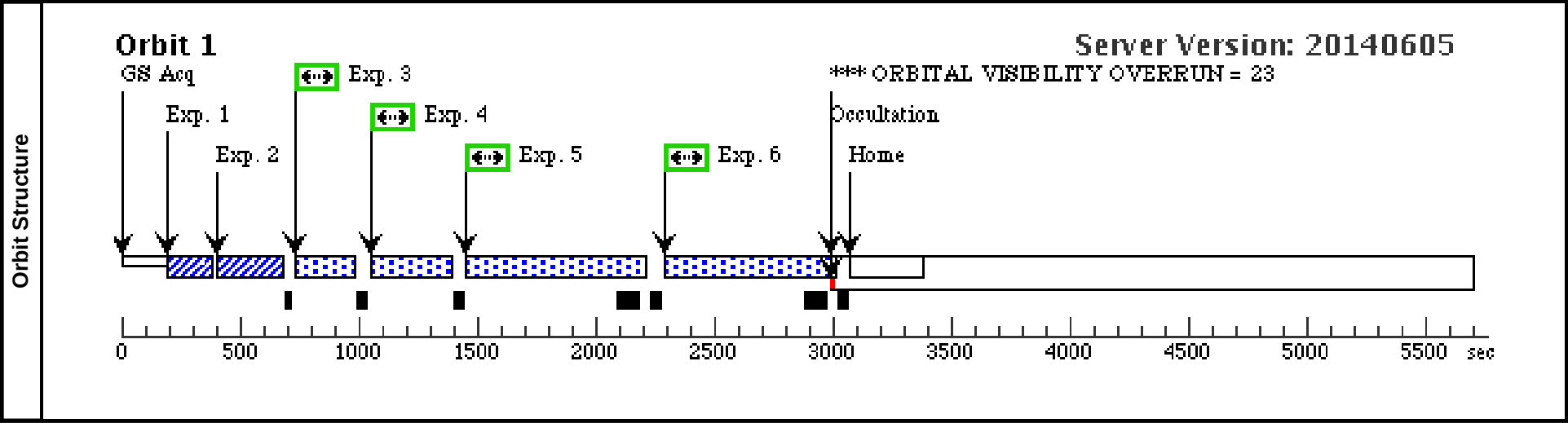
Proposal 13330 - Visit 1K - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1K, completed										Wed Sep 10 01:10:45 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.165:00:08:00 AND 2014.165:12:09:00											
Diagnostics	(Visit 1K) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 1K) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



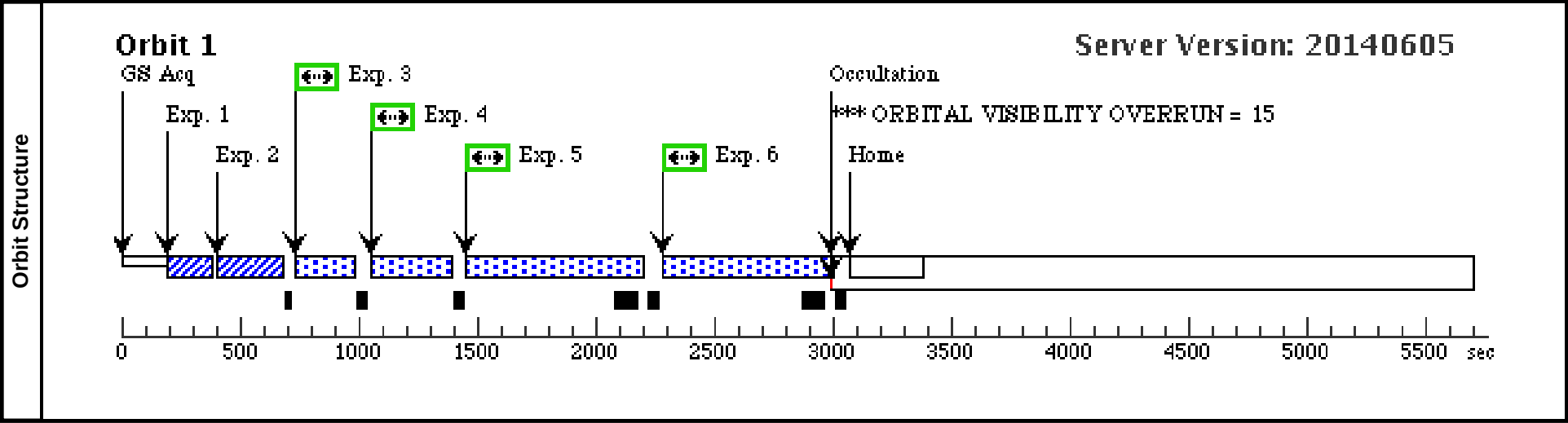
Proposal 13330 - Visit 1L - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1L, completed										Wed Sep 10 01:10:45 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.165:23:39:00 AND 2014.166:11:40:00											
Diagnostics	(Visit 1L) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 1L) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



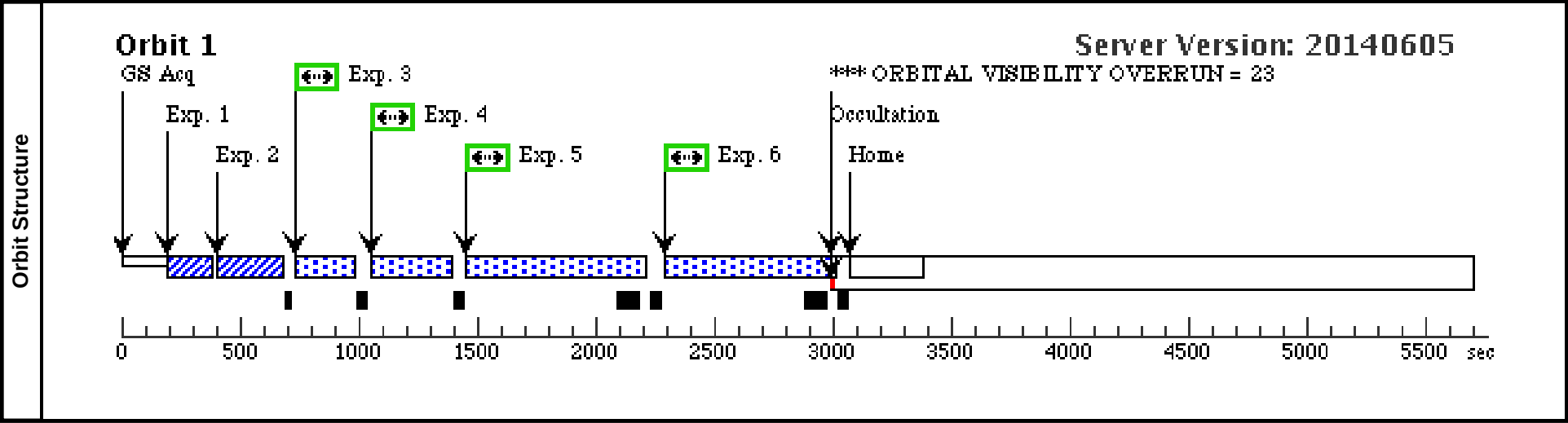
Proposal 13330 - Visit 1M - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1M, completed									Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.166:23:09:00 AND 2014.167:11:10:00									
Diagnostics	(Visit 1M) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 1M) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	 [1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	 [1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]	 [1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=60 0; FLASH=YES			200 Secs (200 Secs) [==>]	 [1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=47 8; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	 [1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=47 9; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	 [1]



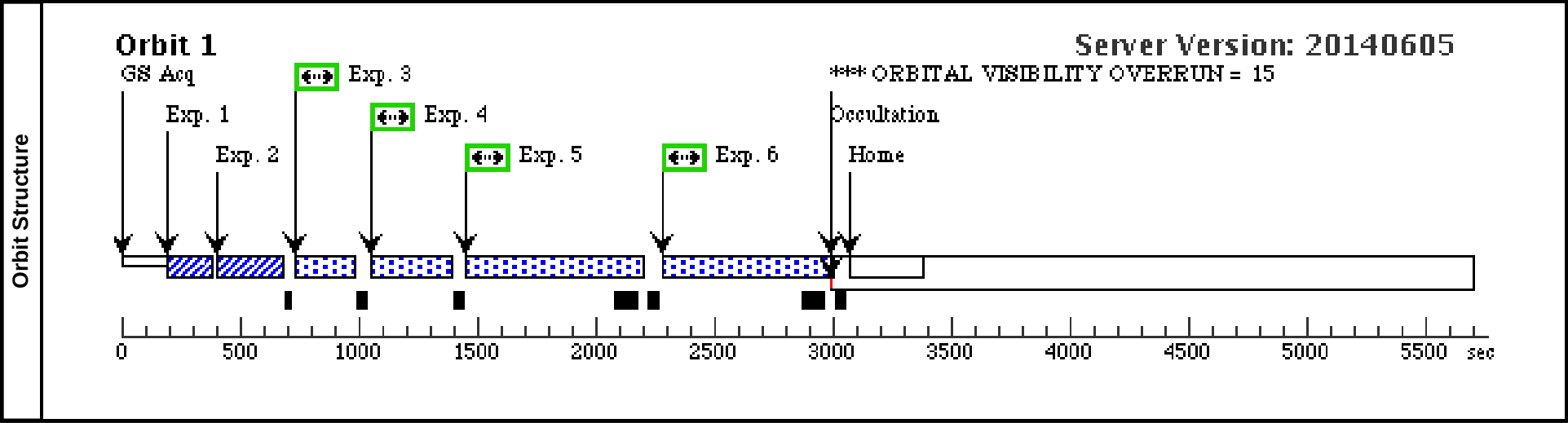
Proposal 13330 - Visit 1N - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1N, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.167:22:39:00 AND 2014.168:10:40:00										
Diagnostics	(Visit 1N) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 1N) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



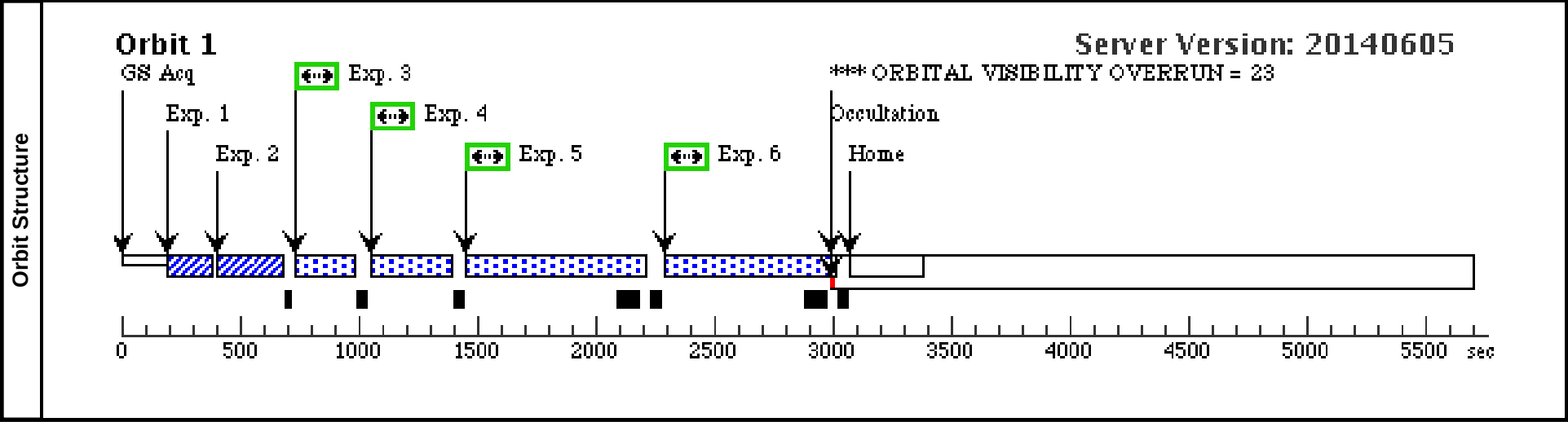
Proposal 13330 - Visit 1O - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1O, completed										Wed Sep 10 01:10:45 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.168:22:10:00 AND 2014.169:10:11:00											
Diagnostics	(Visit 1O) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 1O) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



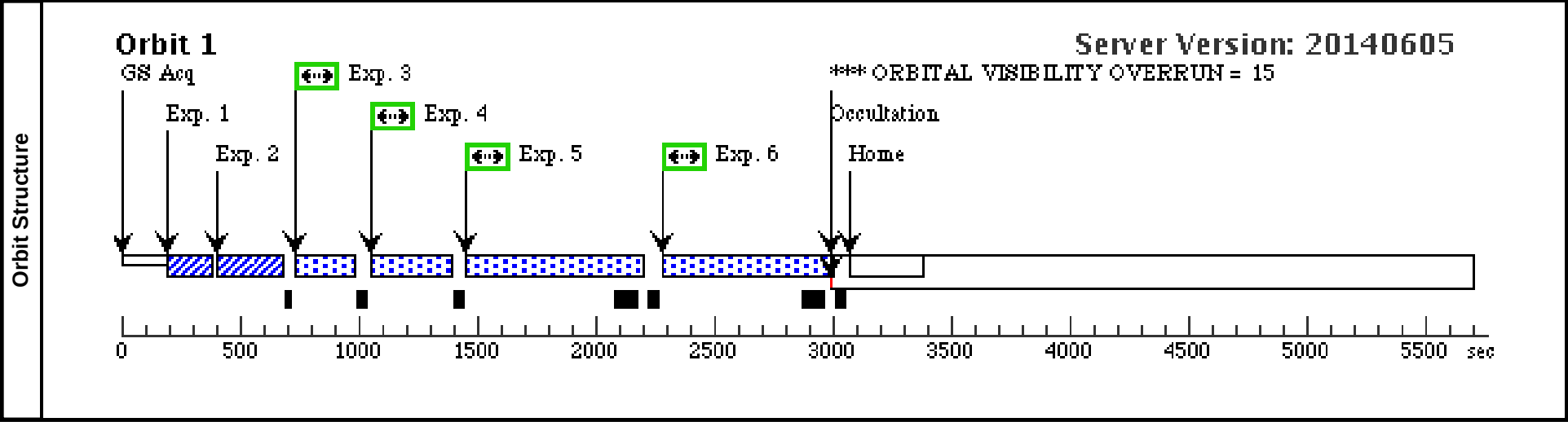
Proposal 13330 - Visit 1P - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1P, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.169:21:40:00 AND 2014.170:09:41:00										
Diagnostics	(Visit 1P) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 1P) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



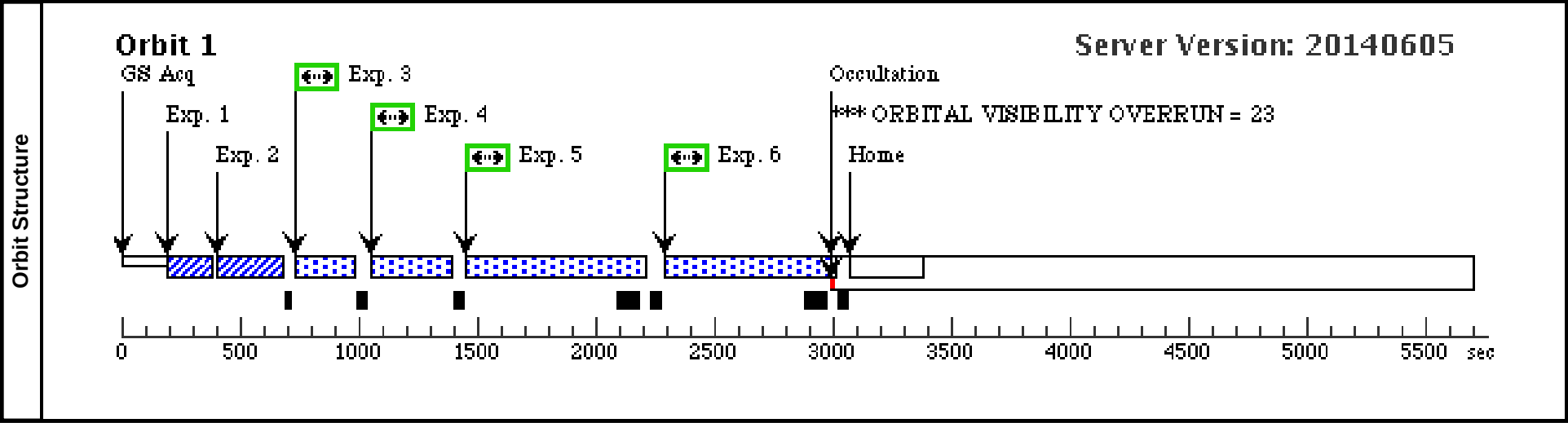
Proposal 13330 - Visit 1Q - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1Q, completed										Wed Sep 10 01:10:45 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.170:21:10:00 AND 2014.171:09:11:00											
Diagnostics	(Visit 1Q) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 1Q) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



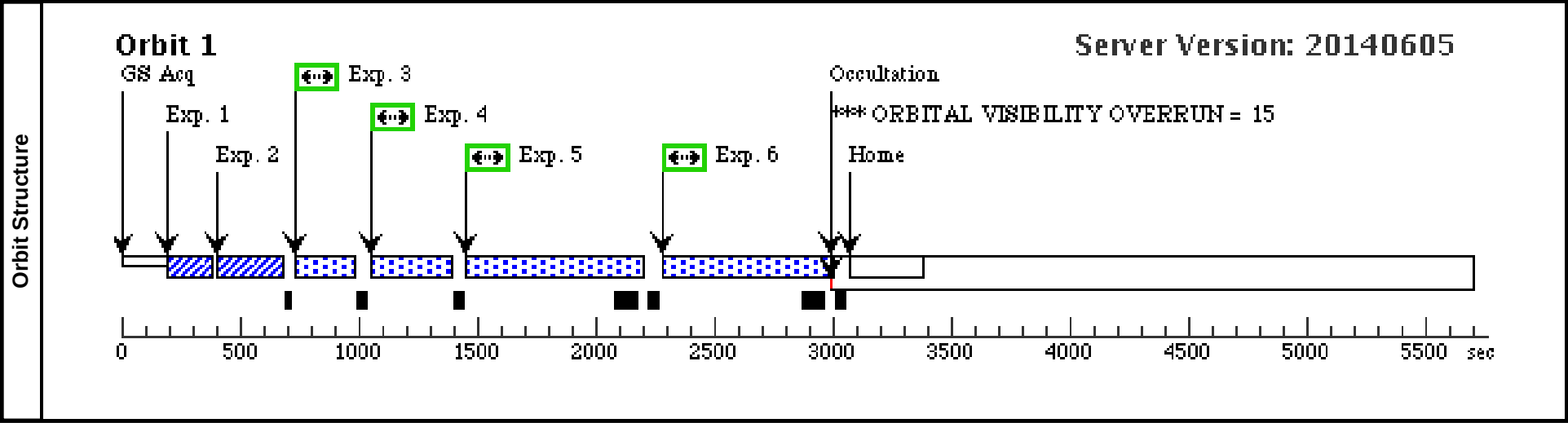
Proposal 13330 - Visit 1R - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1R, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.171:19:05:00 AND 2014.172:10:18:00										
Diagnostics	(Visit 1R) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 1R) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



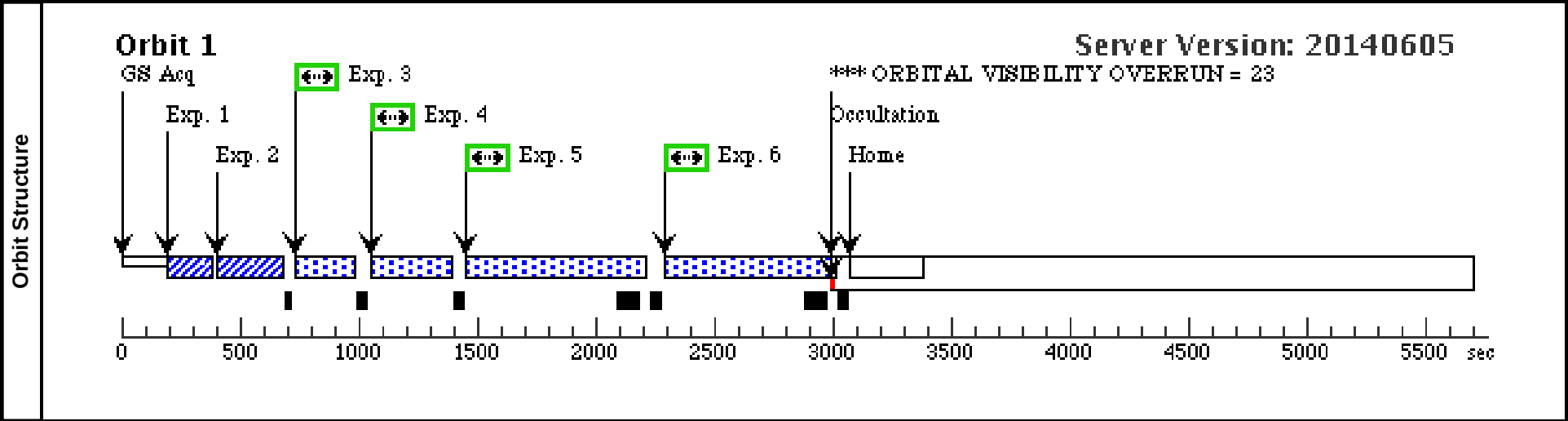
Proposal 13330 - Visit 1S - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1S, completed										Wed Sep 10 01:10:45 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.172:18:35:00 AND 2014.173:09:48:00											
Diagnostics	(Visit 1S) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 1S) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



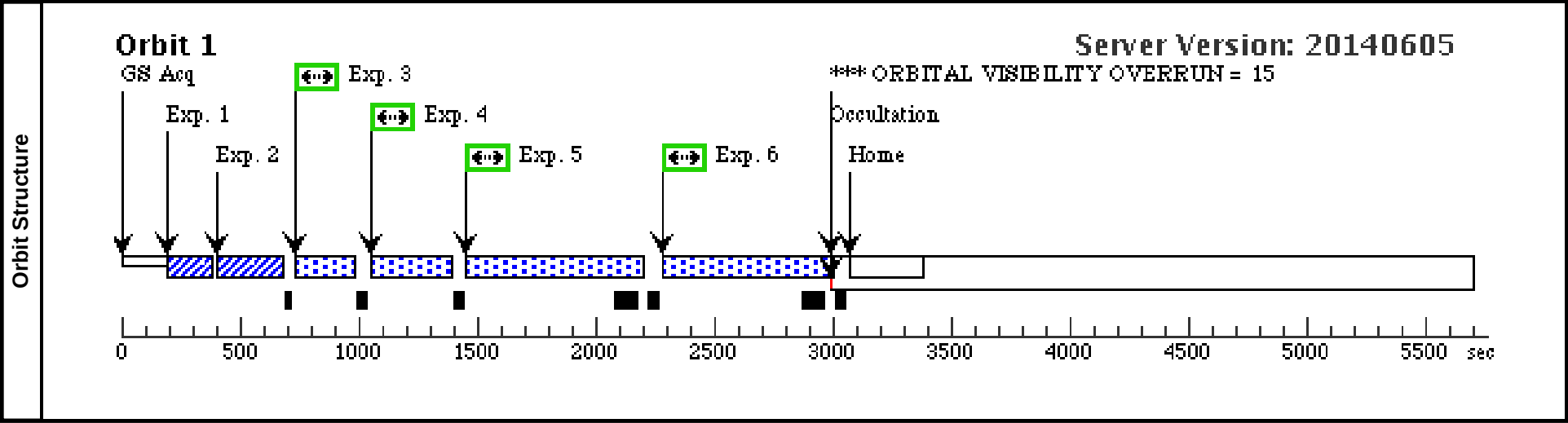
Proposal 13330 - Visit 1T - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1T, completed										Wed Sep 10 01:10:45 GMT 2014		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/FUV												
	Special Requirements: SCHED 100%; BETWEEN 2014.173:18:05:00 AND 2014.174:09:18:00												
Diagnostics	(Visit 1T) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(Visit 1T) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.		Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A			GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.												
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A		CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.												
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A		FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A		FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A		FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A		BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



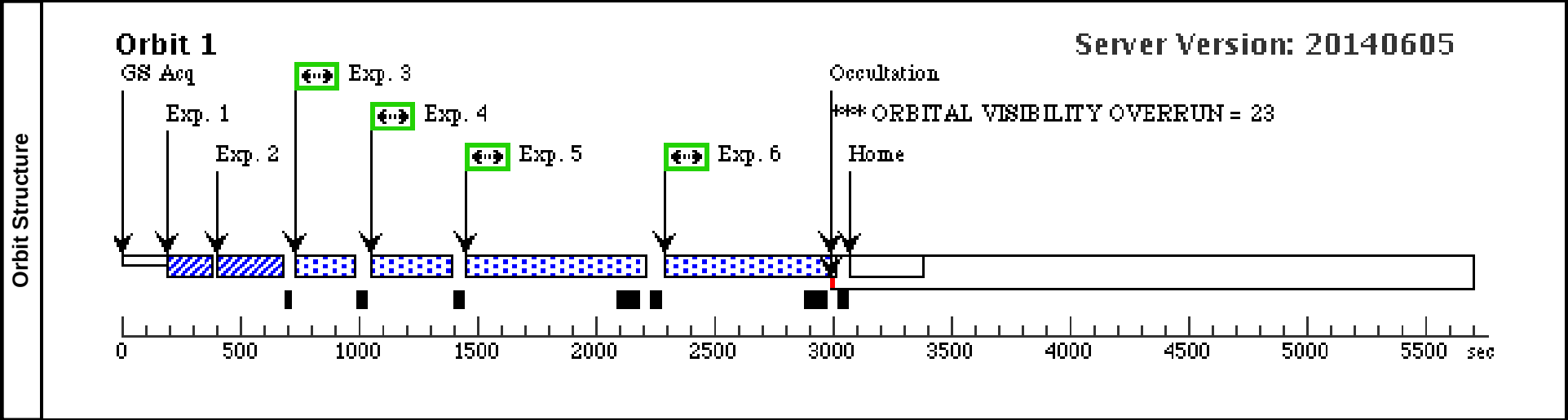
Proposal 13330 - Visit 1U - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1U, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.174:17:36:00 AND 2014.175:08:49:00										
Diagnostics	(Visit 1U) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 1U) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



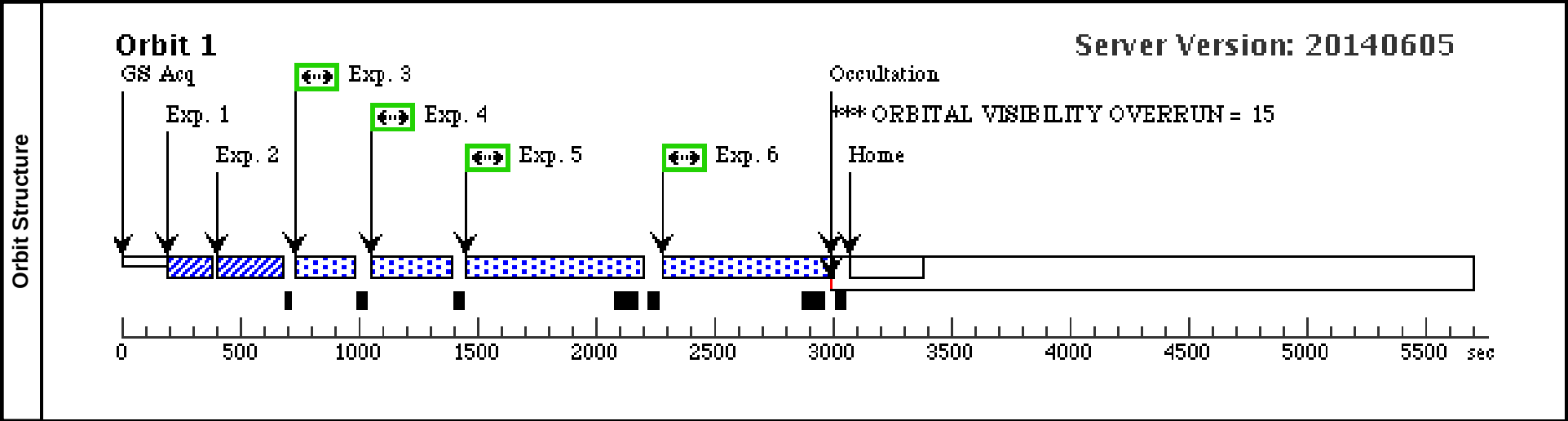
Proposal 13330 - Visit 1V - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1V, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.175:17:06:00 AND 2014.176:08:19:00										
Diagnostics	(Visit 1V) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 1V) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



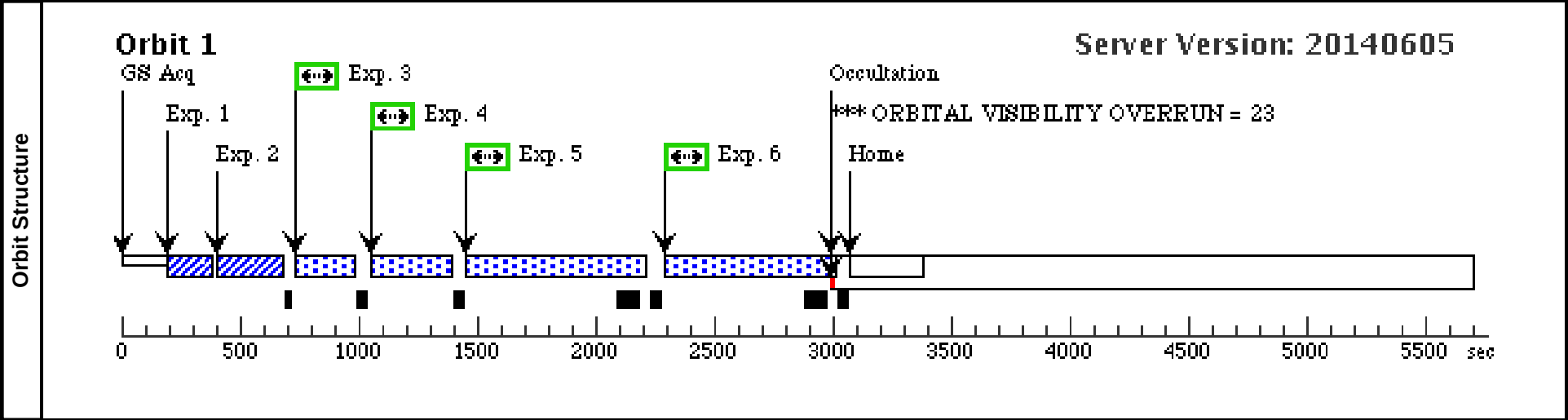
Proposal 13330 - Visit 1W - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1W, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.176:16:36:00 AND 2014.177:07:49:00										
Diagnostics	(Visit 1W) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 1W) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



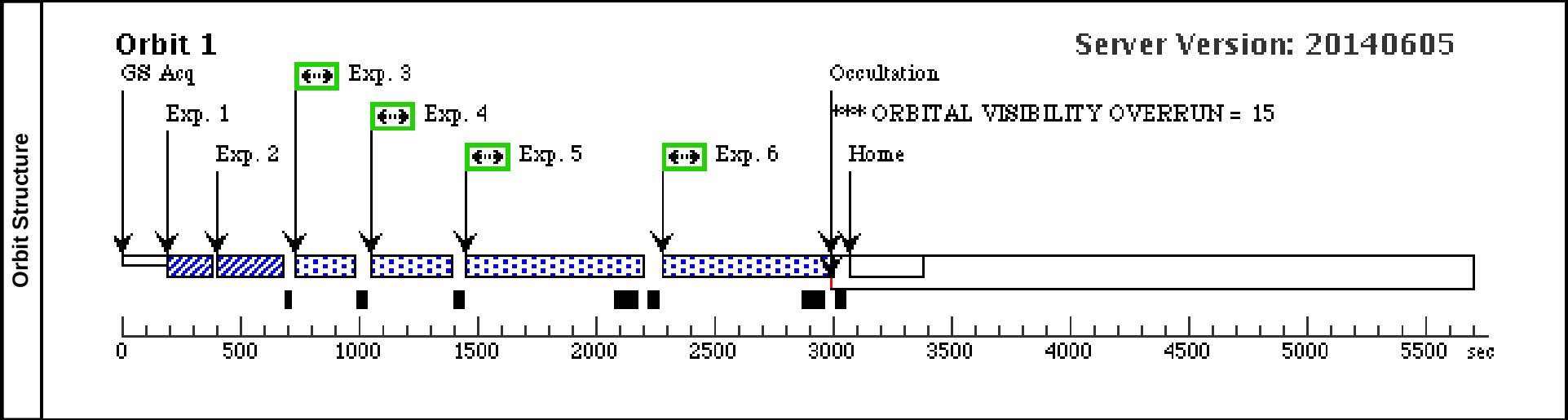
Proposal 13330 - Visit 1X - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1X, completed										Wed Sep 10 01:10:45 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.177:16:07:00 AND 2014.178:07:20:00											
Diagnostics	(Visit 1X) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 1X) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



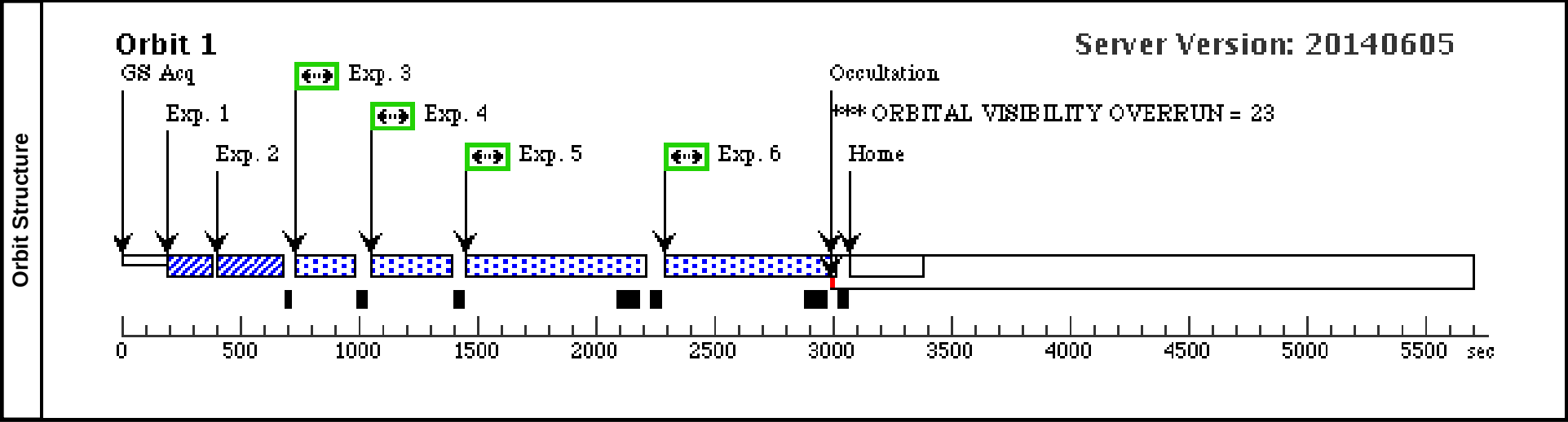
Proposal 13330 - Visit 1Y - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1Y, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.178:15:37:00 AND 2014.179:06:50:00										
Diagnostics	(Visit 1Y) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 1Y) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



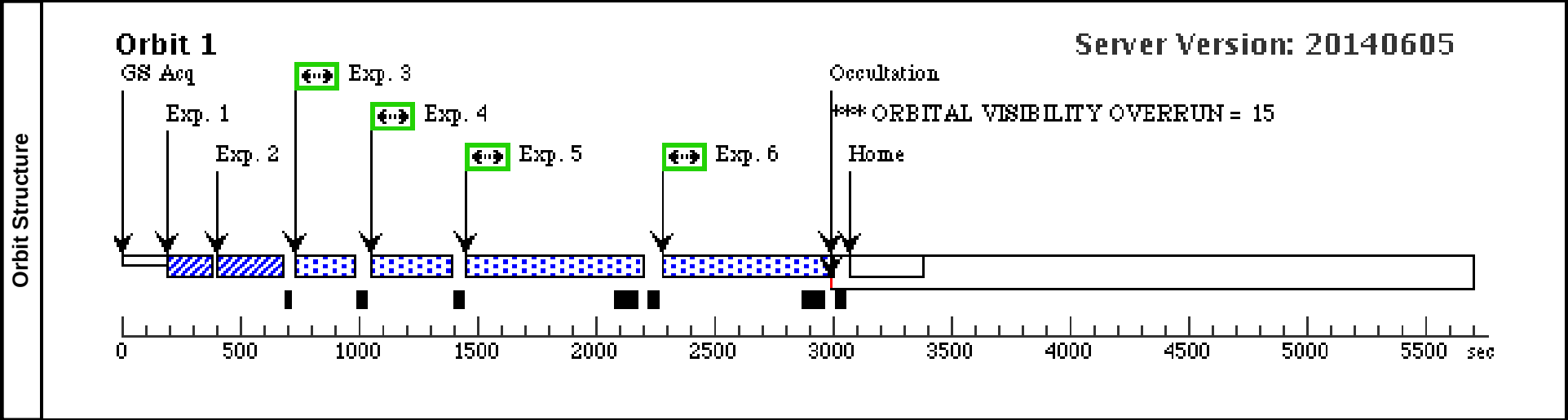
Proposal 13330 - Visit 1Z - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 1Z, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.179:15:07:00 AND 2014.180:06:20:00										
Diagnostics	(Visit 1Z) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 1Z) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



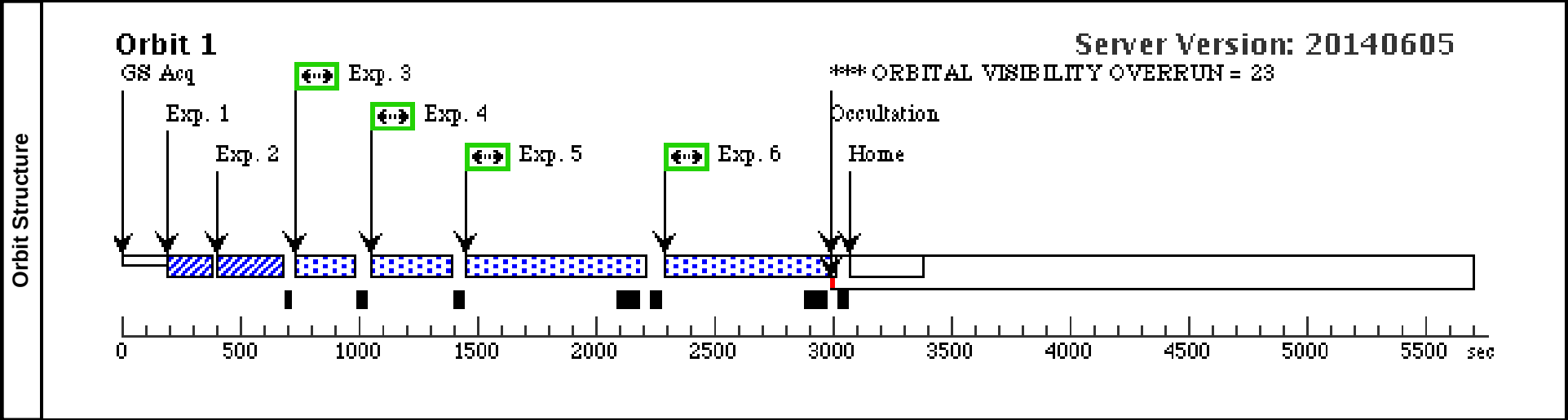
Proposal 13330 - Visit 2A - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2A, completed										Wed Sep 10 01:10:45 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.180:14:38:00 AND 2014.181:05:51:00											
Diagnostics	(Visit 2A) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 2A) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



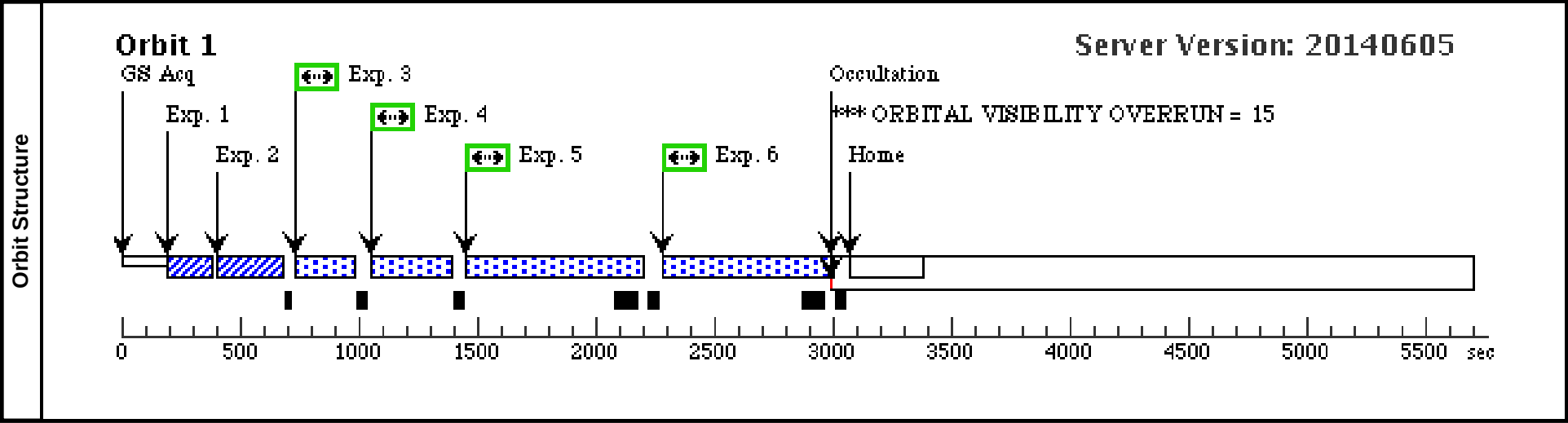
Proposal 13330 - Visit 2B - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2B, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.181:14:08:00 AND 2014.182:05:21:00										
Diagnostics	(Visit 2B) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 2B) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



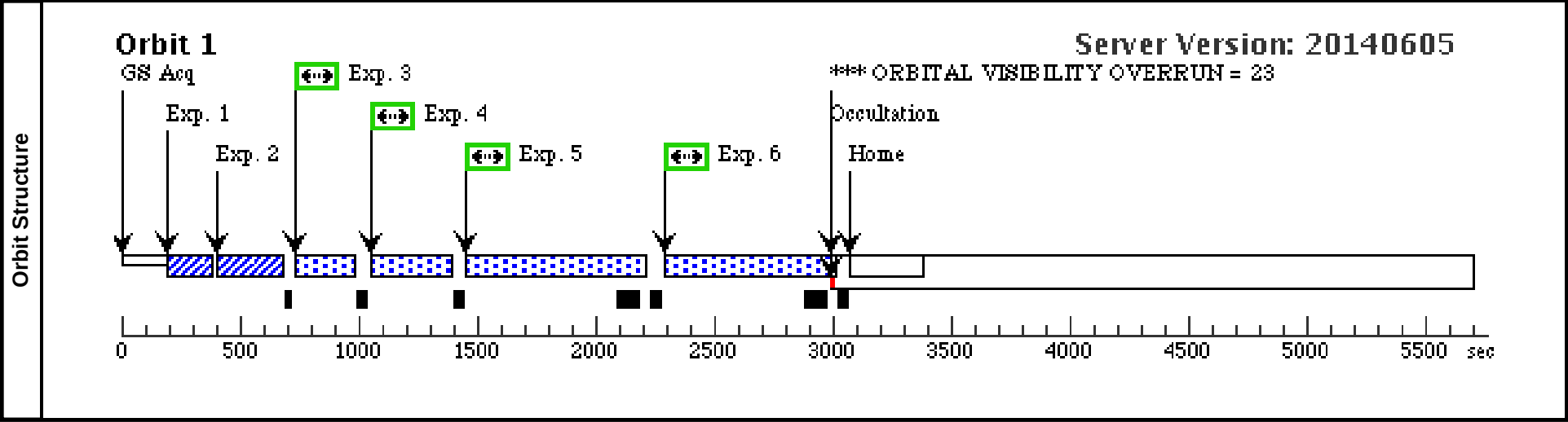
Proposal 13330 - Visit 2C - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2C, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.182:13:38:00 AND 2014.183:04:51:00										
Diagnostics	(Visit 2C) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 2C) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Fluxes	Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



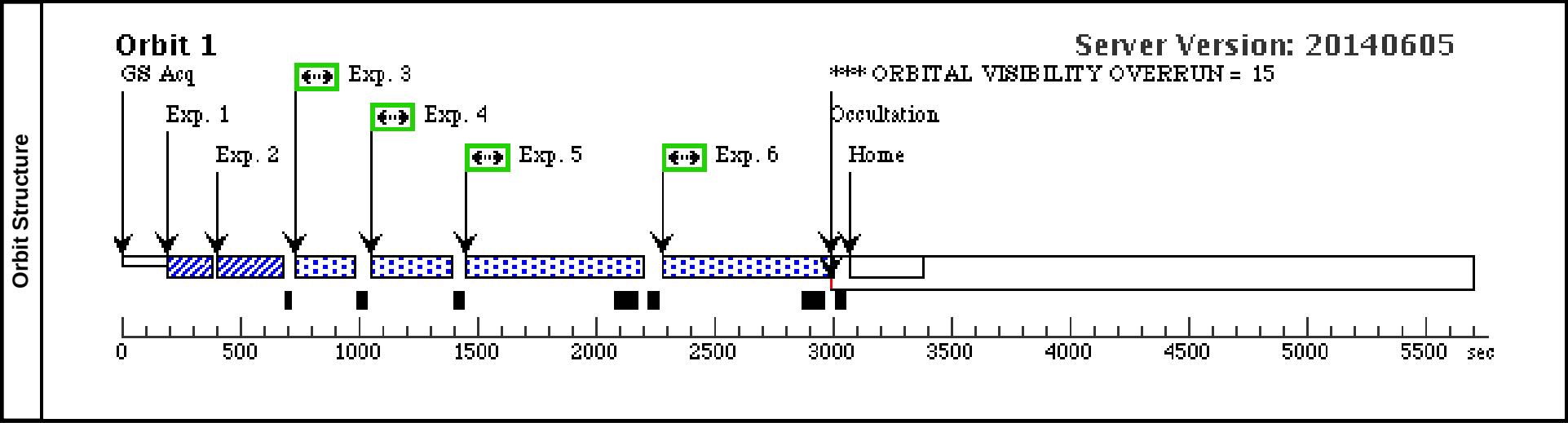
Proposal 13330 - Visit 2D - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2D, completed										Wed Sep 10 01:10:45 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.183:13:09:00 AND 2014.184:04:22:00											
Diagnostics	(Visit 2D) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 2D) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



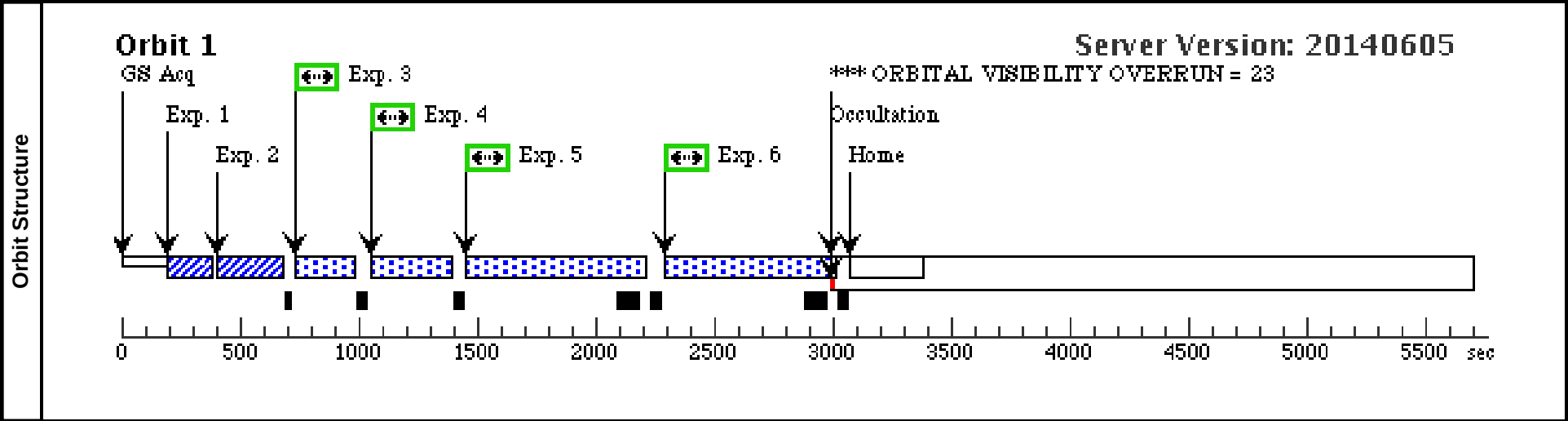
Proposal 13330 - Visit 2E - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2E, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.184:12:39:00 AND 2014.185:03:52:00										
Diagnostics	(Visit 2E) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 2E) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



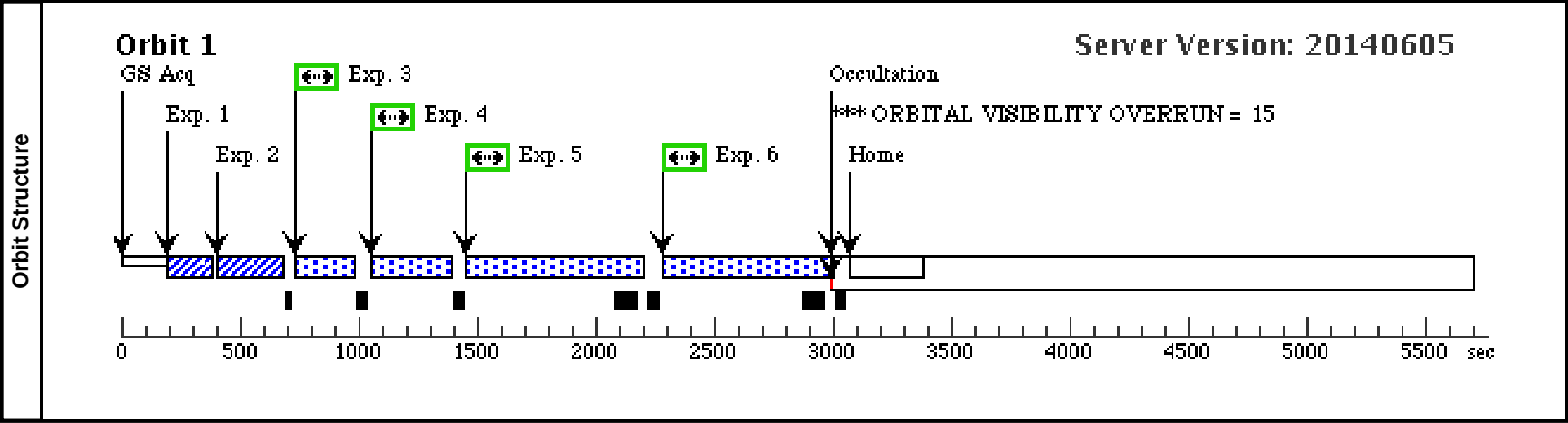
Proposal 13330 - Visit 2F - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2F, completed										Wed Sep 10 01:10:45 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.185:12:09:00 AND 2014.186:03:22:00										
Diagnostics	(Visit 2F) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 2F) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



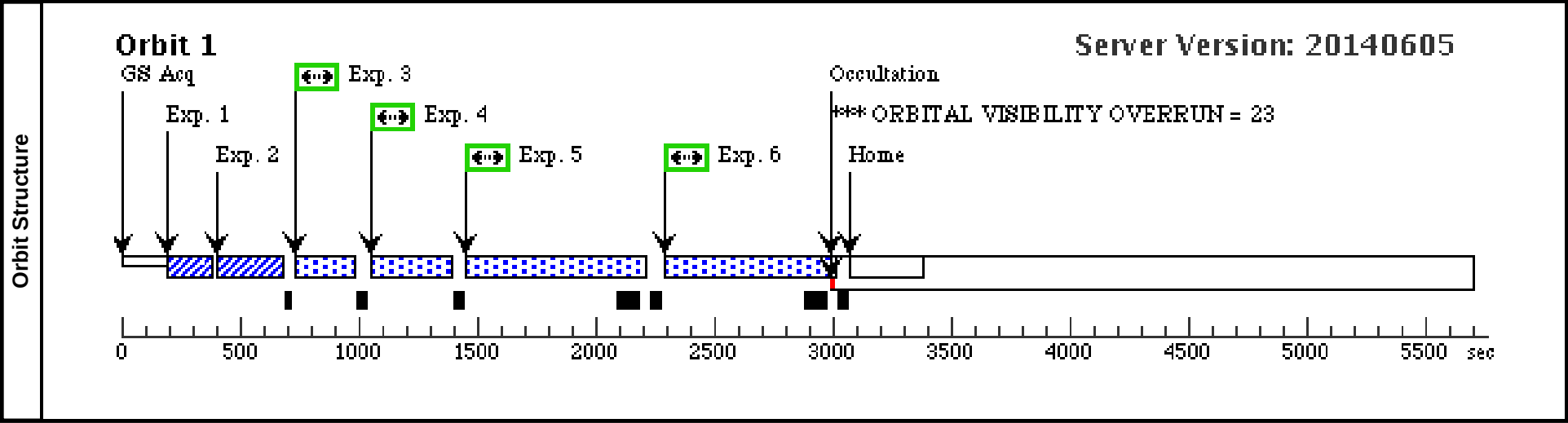
Proposal 13330 - Visit 2G - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2G, completed										Wed Sep 10 01:10:45 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.186:11:40:00 AND 2014.187:02:53:00											
Diagnostics	(Visit 2G) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 2G) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



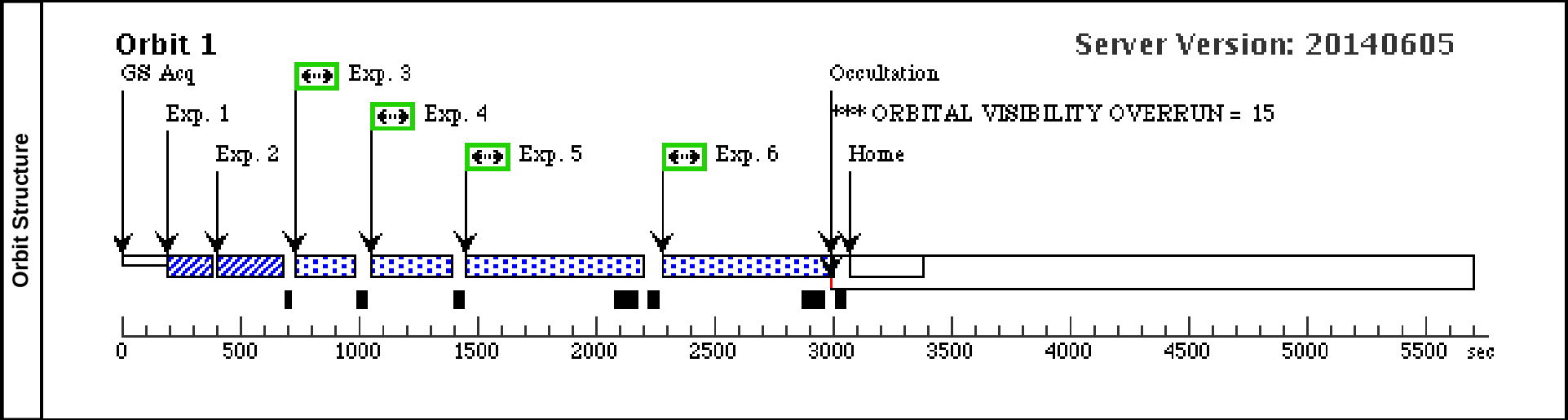
Proposal 13330 - Visit 2H - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2H, completed										Wed Sep 10 01:10:46 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.187:11:10:00 AND 2014.188:02:23:00											
Diagnostics	(Visit 2H) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 2H) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



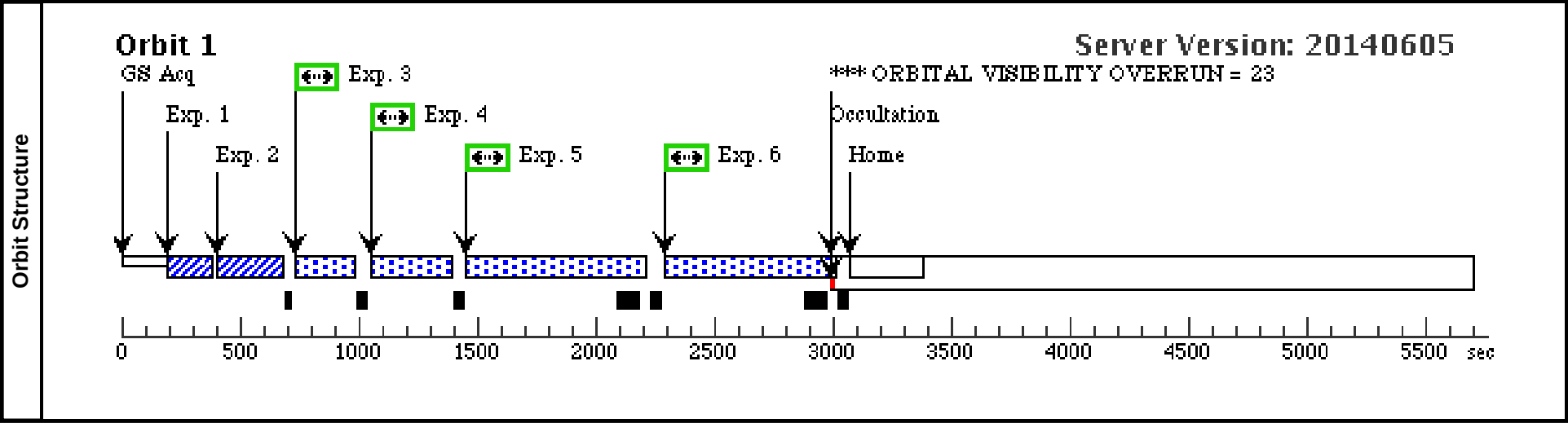
Proposal 13330 - Visit 2I - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2I, completed										Wed Sep 10 01:10:46 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.188:10:40:00 AND 2014.189:01:53:00										
Diagnostics	(Visit 2I) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 2I) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS					
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



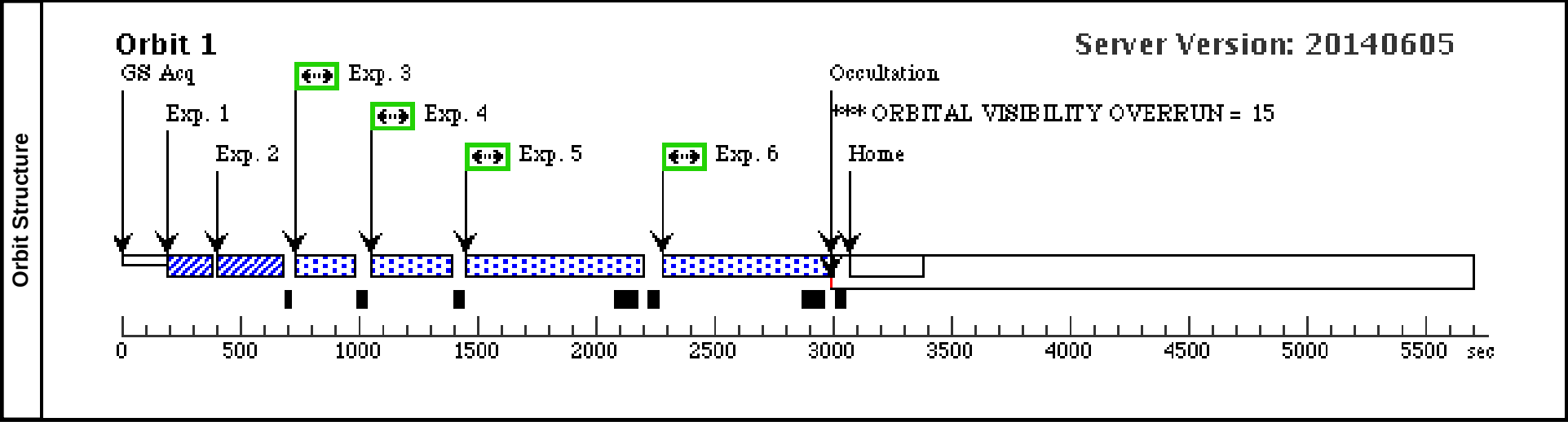
Proposal 13330 - Visit 2J - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2J, completed										Wed Sep 10 01:10:46 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.189:10:11:00 AND 2014.190:01:24:00										
Diagnostics	(Visit 2J) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 2J) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



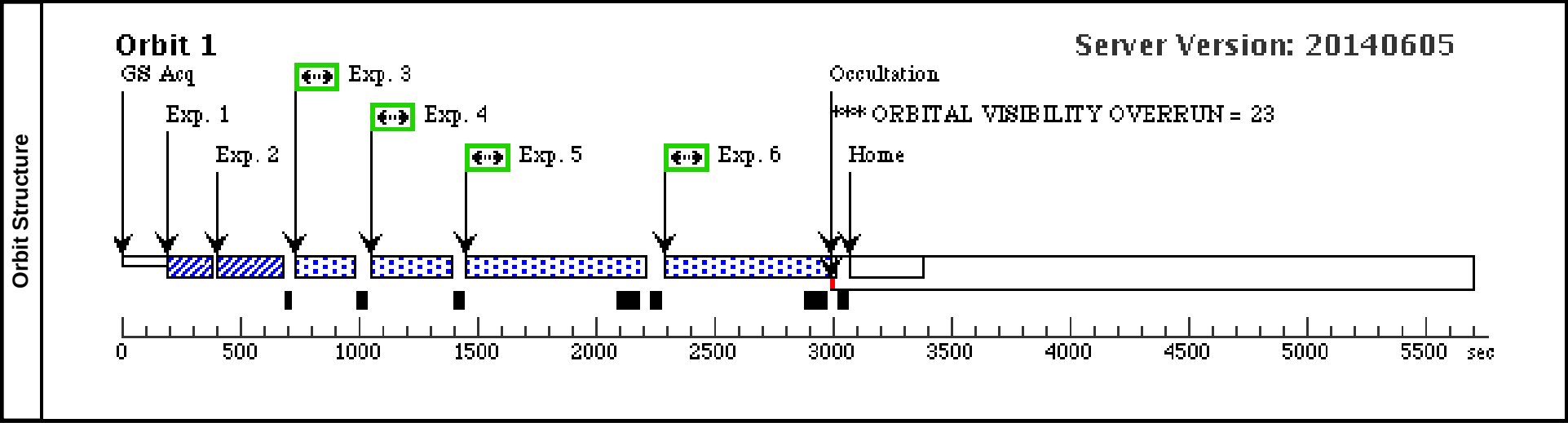
Proposal 13330 - Visit 2K - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2K, completed										Wed Sep 10 01:10:46 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.190:09:41:00 AND 2014.191:00:54:00											
Diagnostics	(Visit 2K) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 2K) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



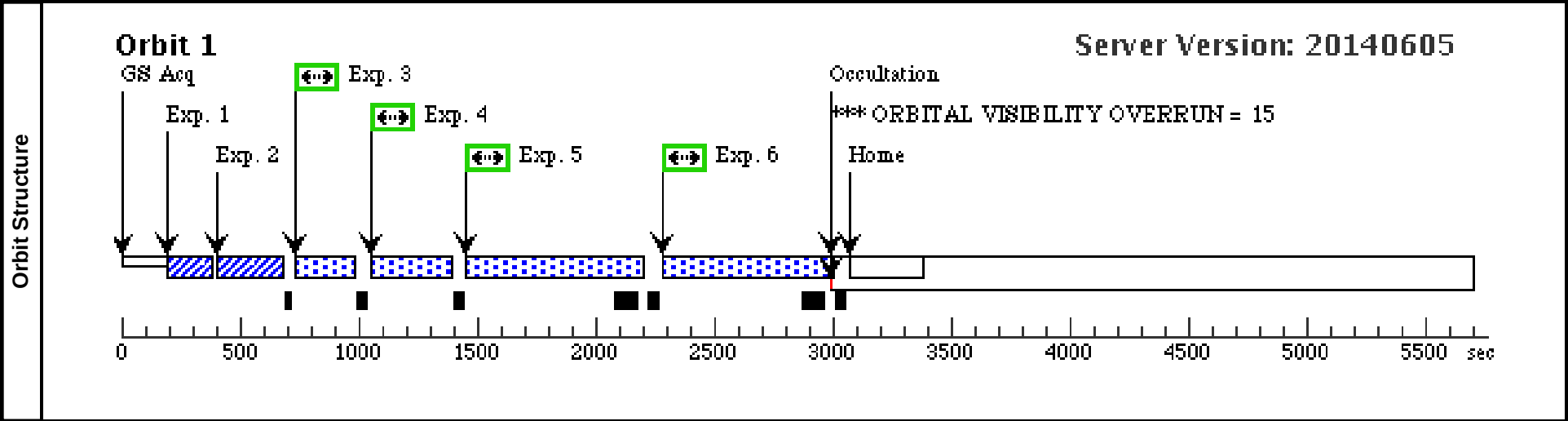
Proposal 13330 - Visit 2L - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2L, completed										Wed Sep 10 01:10:46 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.191:10:47:00 AND 2014.191:22:48:00										
Diagnostics	(Visit 2L) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 2L) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



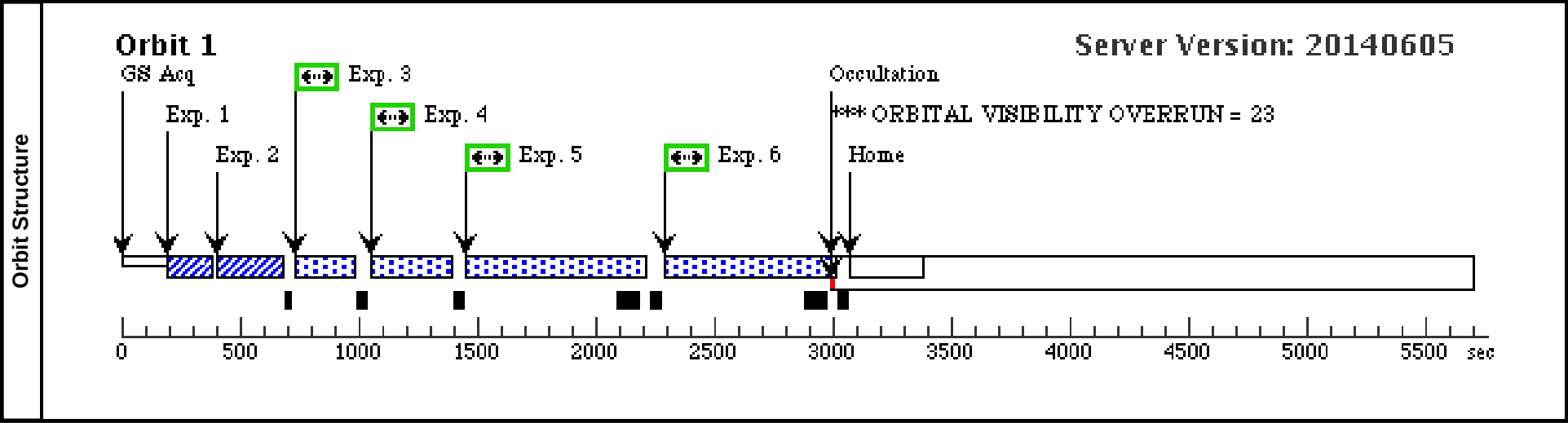
Proposal 13330 - Visit 2M - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2M, completed										Wed Sep 10 01:10:46 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.192:10:18:00 AND 2014.192:22:19:00											
Diagnostics	(Visit 2M) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 2M) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



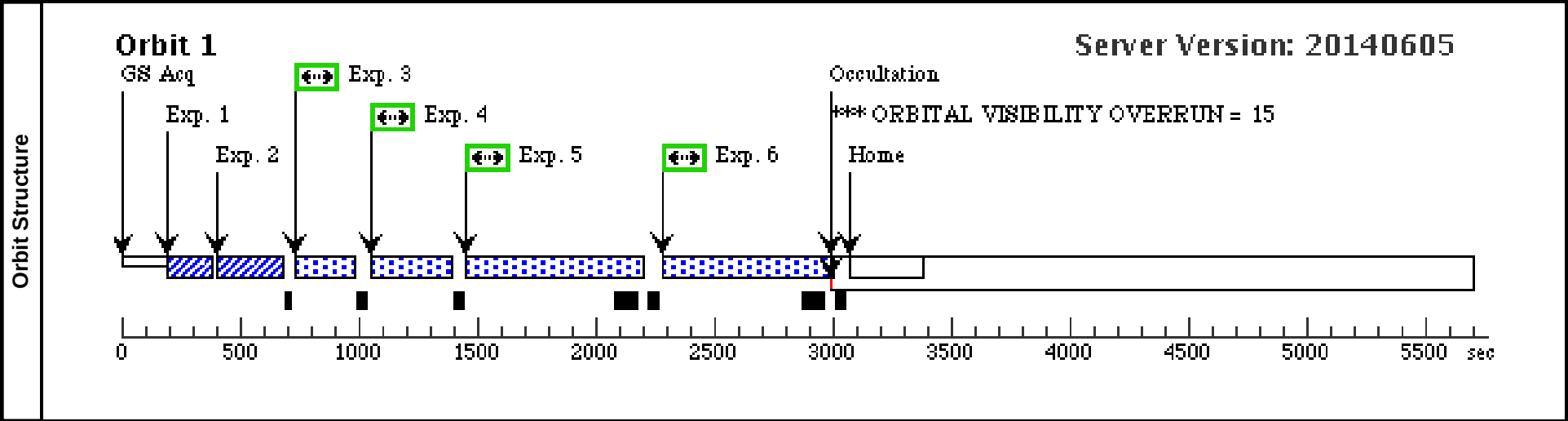
Proposal 13330 - Visit 2N - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2N, completed										Wed Sep 10 01:10:46 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.193:09:48:00 AND 2014.193:21:49:00											
Diagnostics	(Visit 2N) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 2N) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



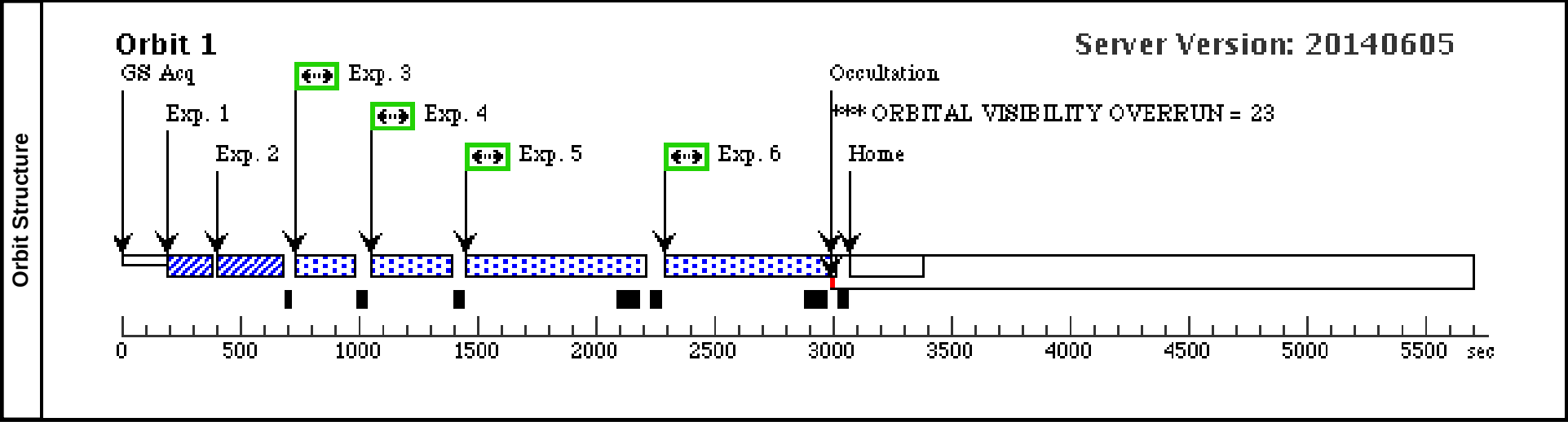
Proposal 13330 - Visit 2O - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2O, completed									Wed Sep 10 01:10:46 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.194:09:18:00 AND 2014.194:21:19:00									
Diagnostics	(Visit 2O) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 2O) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



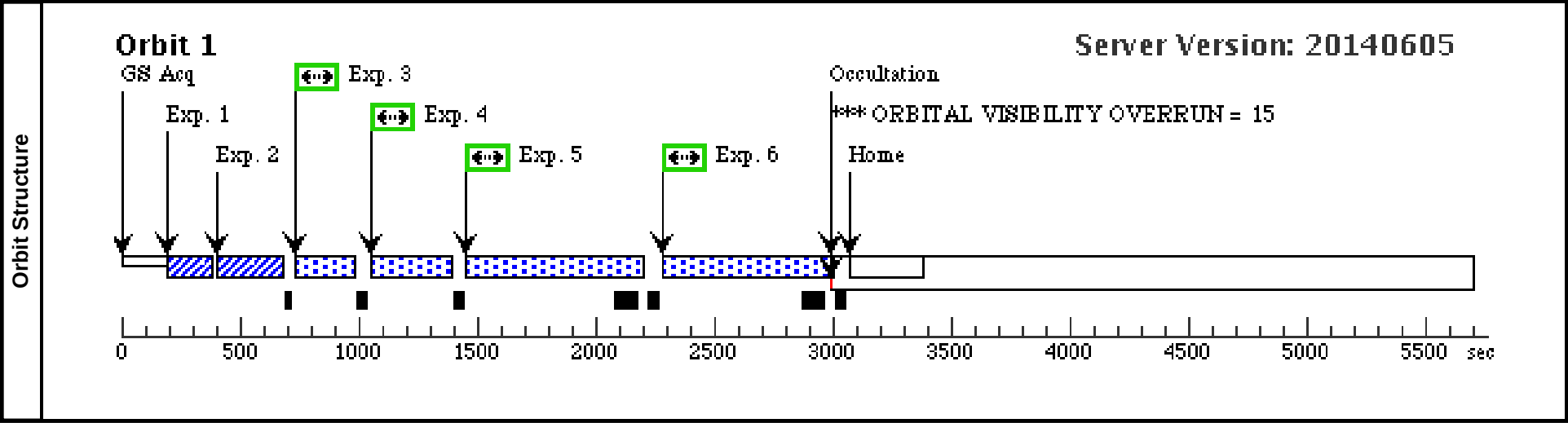
Proposal 13330 - Visit 2P - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2P, completed										Wed Sep 10 01:10:46 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.195:08:49:00 AND 2014.195:20:50:00											
Diagnostics	(Visit 2P) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 2P) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



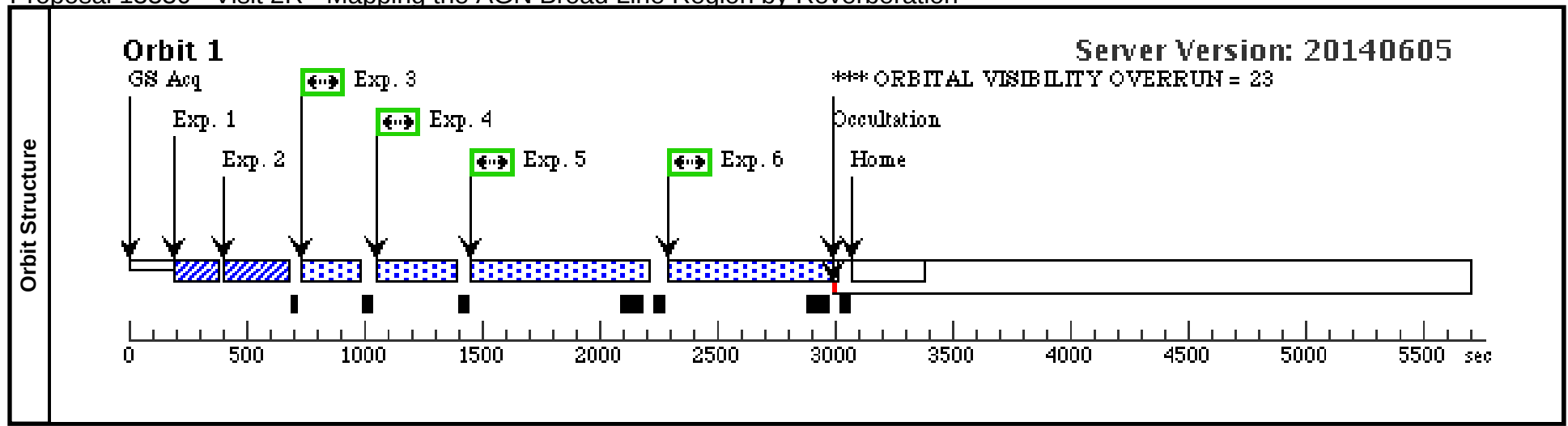
Proposal 13330 - Visit 2Q - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2Q, completed										Wed Sep 10 01:10:46 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.196:08:19:00 AND 2014.196:20:20:00											
Diagnostics	(Visit 2Q) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 2Q) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous						
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS						
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



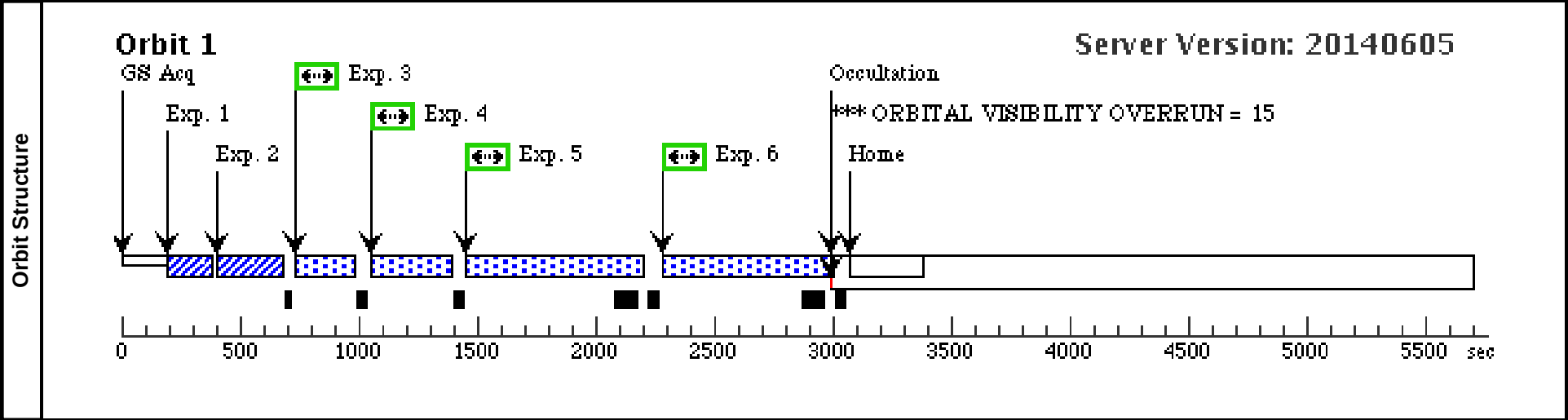
Proposal 13330 - Visit 2R - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2R, completed										Wed Sep 10 01:10:46 GMT 2014		
	Diagnostic Status: Warning												
	Scientific Instruments: COS/FUV												
	Special Requirements: SCHED 100%; BETWEEN 2014.197:07:49:00 AND 2014.197:19:50:00												
Diagnostics	(Visit 2R) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.												
	(Visit 2R) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.		Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A			GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.												
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A		CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.												
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A		FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A		FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A		FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A		BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



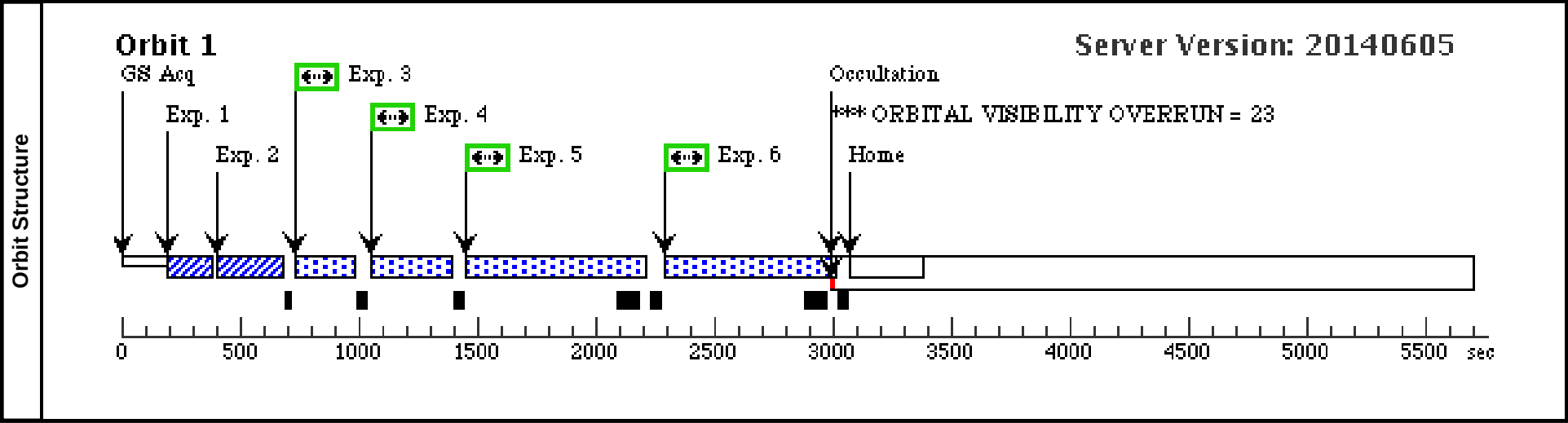
Proposal 13330 - Visit 2S - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2S, completed										Wed Sep 10 01:10:46 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.198:07:20:00 AND 2014.198:19:21:00											
Diagnostics	(Visit 2S) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 2S) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13_0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13_0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16_0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16_0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



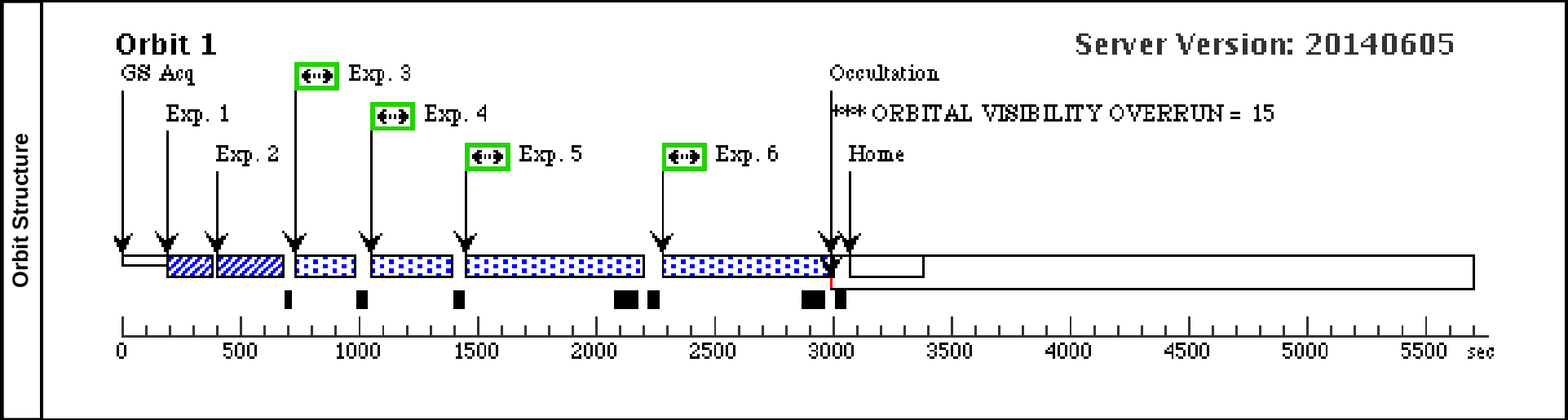
Proposal 13330 - Visit 2T - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2T, completed									Wed Sep 10 01:10:46 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.199:06:50:00 AND 2014.199:18:51:00									
Diagnostics	(Visit 2T) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 2T) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



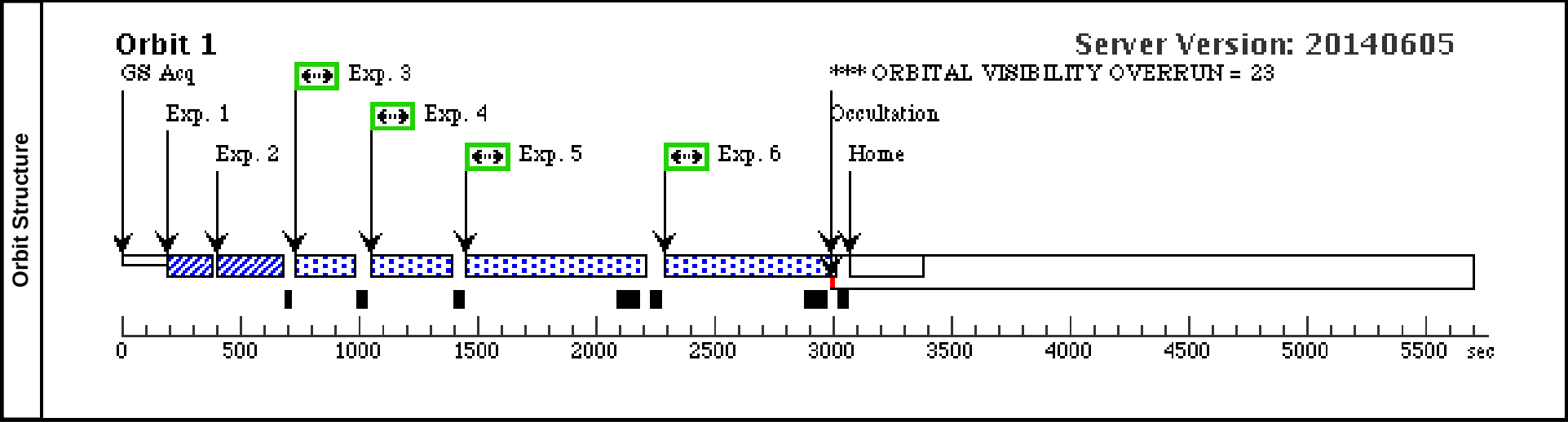
Proposal 13330 - Visit 2U - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2U, completed										Wed Sep 10 01:10:46 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.200:06:21:00 AND 2014.200:18:21:00											
Diagnostics	(Visit 2U) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 2U) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



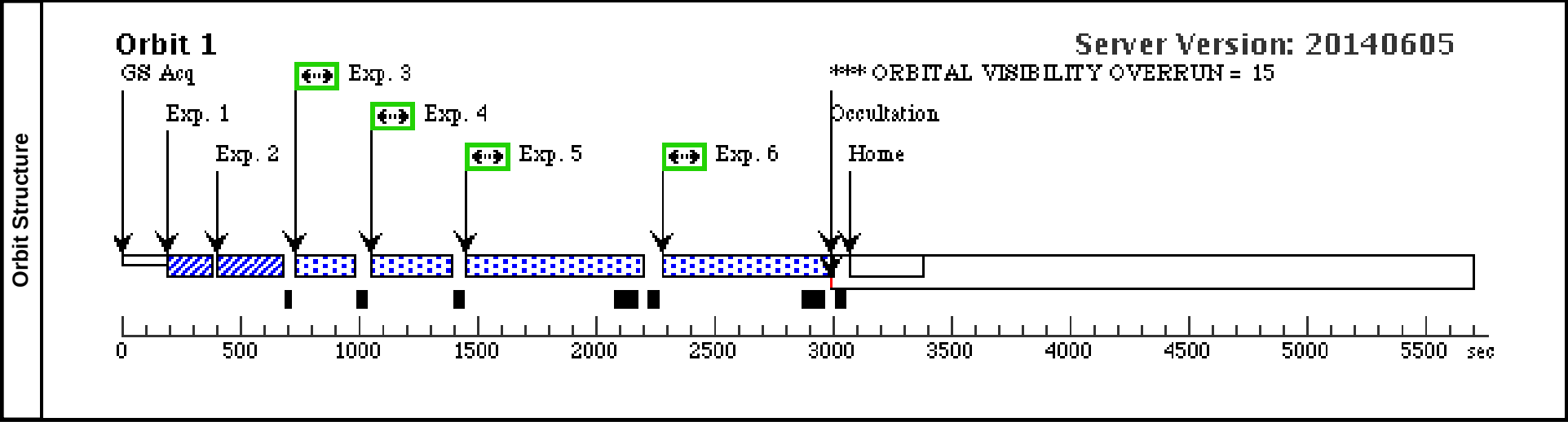
Proposal 13330 - Visit 2V - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2V, completed										Wed Sep 10 01:10:46 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.201:05:21:00 AND 2014.201:17:52:00											
Diagnostics	(Visit 2V) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 2V) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]	



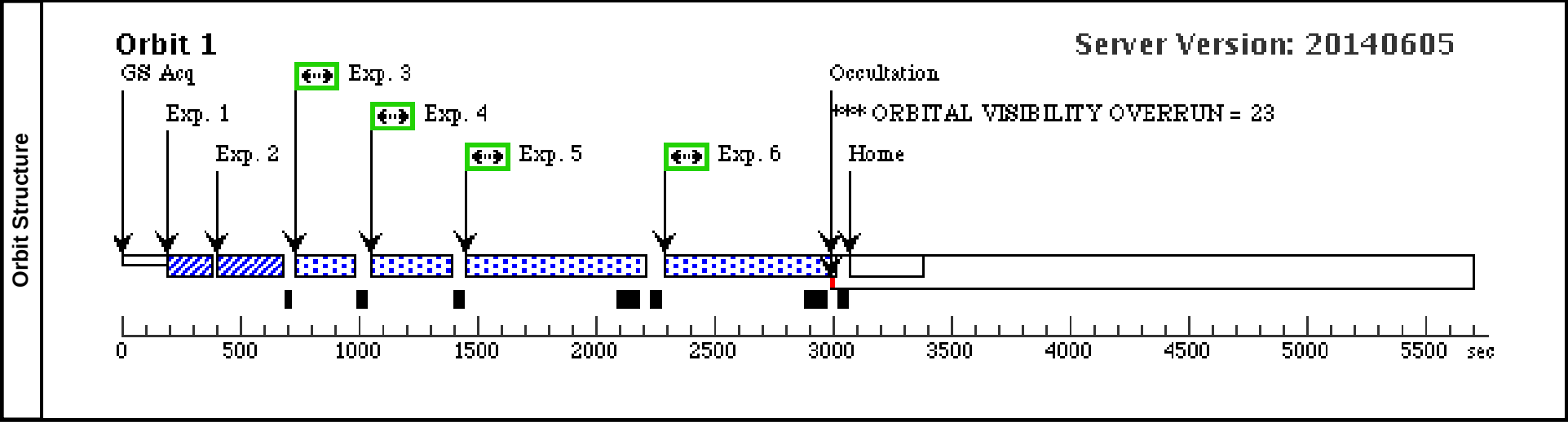
Proposal 13330 - Visit 2W - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2W, completed										Wed Sep 10 01:10:46 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.202:05:21:00 AND 2014.202:17:22:00											
Diagnostics	(Visit 2W) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(Visit 2W) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



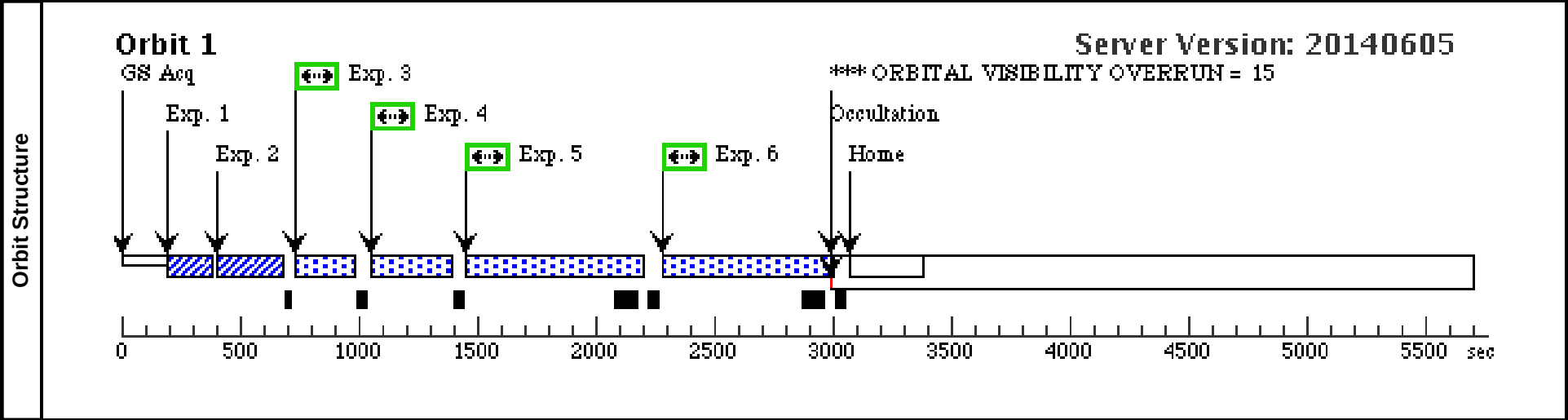
Proposal 13330 - Visit 2X - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2X, completed										Wed Sep 10 01:10:46 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.203:04:52:00 AND 2014.203:16:52:00										
Diagnostics	(Visit 2X) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 2X) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



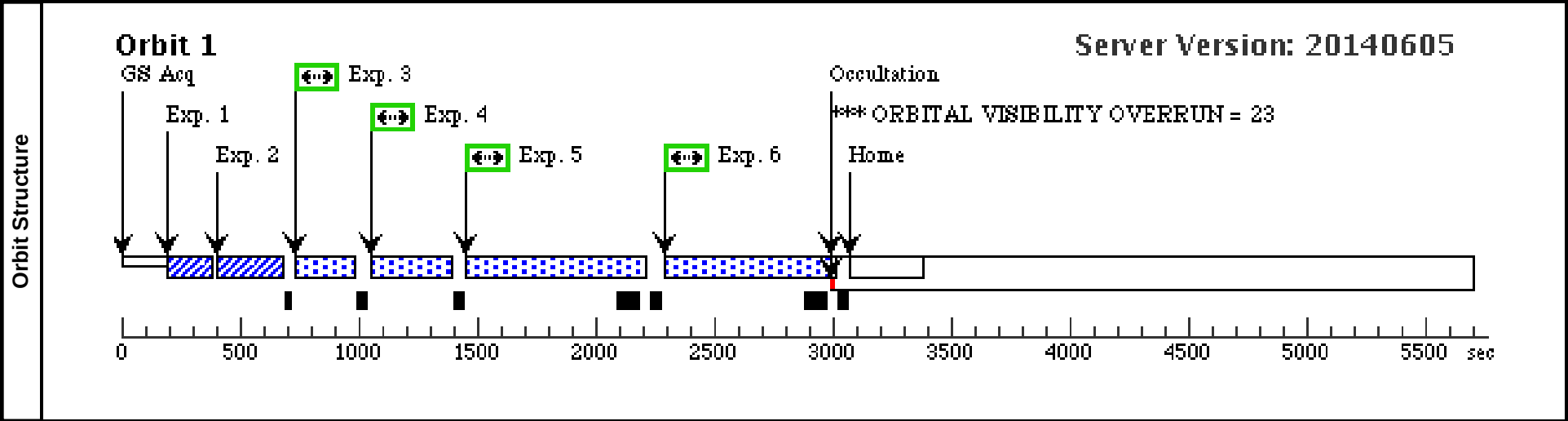
Proposal 13330 - Visit 2Y - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2Y, completed										Wed Sep 10 01:10:46 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.204:04:22:00 AND 2014.204:16:23:00										
Diagnostics	(Visit 2Y) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 2Y) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



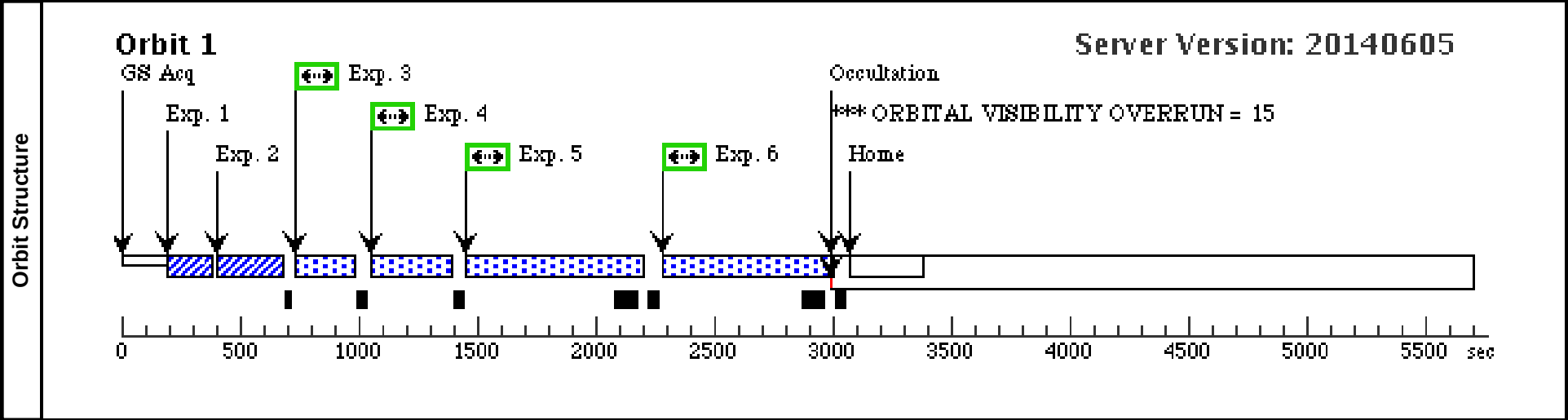
Proposal 13330 - Visit 2Z - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 2Z, completed										Wed Sep 10 01:10:46 GMT 2014	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV											
	Special Requirements: SCHED 100%; BETWEEN 2014.205:03:52:00 AND 2014.205:15:53:00											
Diagnostics	(Visit 2Z) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.											
	(Visit 2Z) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000					V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA		G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA		G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.											
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G130M 1327 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA		G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]



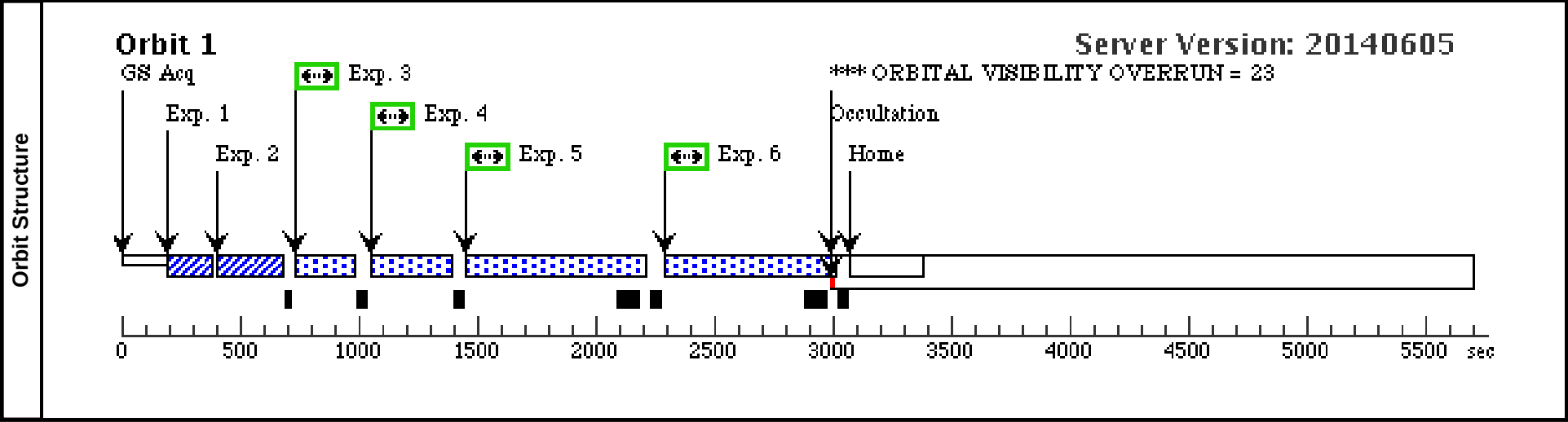
Proposal 13330 - Visit 3A - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 3A, completed									Wed Sep 10 01:10:46 GMT 2014
	Diagnostic Status: Warning									
	Scientific Instruments: COS/FUV									
	Special Requirements: SCHED 100%; BETWEEN 2014.206:03:23:00 AND 2014.206:15:23:00									
Diagnostics	(Visit 3A) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	(Visit 3A) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000		V=13.7 flam=4.39e-14 at 1360 A (historical mean)	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.									
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]



Proposal 13330 - Visit 3B - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 3B, completed										Wed Sep 10 01:10:46 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.207:02:53:00 AND 2014.207:14:54:00										
Diagnostics	(Visit 3B) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
	(Visit 3B) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000			V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]	[1]	
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]	[1]	
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]	[1]	
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=1; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]	[1]	



Proposal 13330 - Visit 3C - Mapping the AGN Broad Line Region by Reverberation

Visit	Proposal 13330, Visit 3C, completed										Wed Sep 10 01:10:46 GMT 2014
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV										
	Special Requirements: SCHED 100%; BETWEEN 2014.208:02:23:00 AND 2014.208:14:24:00										
Diagnostics	(Visit 3C) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(Visit 3C) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	NGC-5548	RA: 14 17 59.5344 (214.4980600d) Dec: +25 08 12.44 (25.13679d) Equinox: J2000				V=13.7 flam=4.39e-14 at 1360 A (historical mean)		Reference Frame: ICRS		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	n5548_PEA KXD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKXD, PSA	G130M 1327 A		GS ACQ SCENARIO BASE1B3		25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	2	n5548_PEA KD (510390)	(1) NGC-5548	COS/FUV, ACQ/PEAKD, PSA	G130M 1327 A	CENTER=FLUX-W T-FLR; NUM-POS=5; STEP-SIZE=0.9			25 Secs (25 Secs) [==>]		[1]
	Comments: To ensure adequate S/N even if the target is in faint state, we are basing the spectroscopic target acquisition calculation on the observed historical minimum for NGC 5548 of 0.66e-14 at 1360.										
	3	n5548_G13 0M_A (510511)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1327 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	4	n5548_G13 0M_B (510510)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=600; FLASH=YES			200 Secs (200 Secs) [==>]		[1]
	5	n5548_G16 0M_A (513030)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1600 A	FP-POS=1; BUFFER-TIME=478; FLASH=YES; SEGMENT=BOTH			588 Secs (588 Secs) [==>]		[1]
	6	n5548_G16 0M_B (513031)	(1) NGC-5548	COS/FUV, TIME-TAG, PSA	G160M 1623 A	BUFFER-TIME=479; FP-POS=2; FLASH=YES; SEGMENT=BOTH			589 Secs (589 Secs) [==>]		[1]

