



14077 - The frequency and chemical composition of rocky planetary debris around young white dwarfs: Plugging the last gaps

Cycle: 23, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) WD1457-086	COS/FUV	1	16-Dec-2015 21:01:37.0	yes
02	(2) WD1018+410	COS/FUV	1	16-Dec-2015 21:01:39.0	yes
03	(3) WD2328+107	COS/FUV	1	16-Dec-2015 21:01:41.0	yes
04	(4) WD1145+187	COS/FUV	1	16-Dec-2015 21:01:42.0	yes
05	(5) WD0216+143	COS/FUV	1	16-Dec-2015 21:01:43.0	yes
06	(6) WD0106-358	COS/FUV	1	16-Dec-2015 21:01:45.0	yes
07	(7) WD1249+160	COS/FUV	1	16-Dec-2015 21:01:46.0	yes
08	(8) WD0145-257	COS/FUV	1	16-Dec-2015 21:01:47.0	yes

Proposal 14077 (STScI Edit Number: 1, Created: Wednesday, December 16, 2015 9:03:02 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
09	(9) WD1609+044	COS/FUV	1	16-Dec-2015 21:01:48.0	yes
10	(10) PG1126+384	COS/FUV	1	16-Dec-2015 21:01:49.0	yes
11	(11) WD0017+061	COS/FUV	1	16-Dec-2015 21:01:50.0	yes
12	(12) WD2350-248	COS/FUV	1	16-Dec-2015 21:01:51.0	yes
13	(13) PG1554+215	COS/FUV	1	16-Dec-2015 21:01:52.0	yes
14	(14) PG1305+018	COS/FUV	1	16-Dec-2015 21:01:54.0	yes
15	(15) PG1128+565	COS/FUV	1	16-Dec-2015 21:01:55.0	yes
16	(16) PG1120+439	COS/FUV	1	16-Dec-2015 21:01:56.0	yes
17	(17) PG1421+318	COS/FUV	1	16-Dec-2015 21:01:57.0	yes
18	(18) HE1247-1130	COS/FUV	1	16-Dec-2015 21:01:58.0	yes
19	(19) WD1241+235	COS/FUV	1	16-Dec-2015 21:02:00.0	yes
20	(20) PG1620+260	COS/FUV	1	16-Dec-2015 21:02:01.0	yes
21	(21) WD2115+010	COS/FUV	1	16-Dec-2015 21:02:02.0	yes
22	(22) HS2225+2158	COS/FUV	1	16-Dec-2015 21:02:03.0	yes
23	(23) WD1511+009	COS/FUV	1	16-Dec-2015 21:02:04.0	yes
24	(24) WD2318-226	COS/FUV	1	16-Dec-2015 21:02:05.0	yes
25	(25) PG2331+290	COS/FUV	1	16-Dec-2015 21:02:06.0	yes
26	(26) PG1643+144	COS/FUV	1	16-Dec-2015 21:02:07.0	yes
27	(27) HS0345+1324	COS/FUV	1	16-Dec-2015 21:02:09.0	yes
28	(28) WD1105-048	COS/FUV	1	16-Dec-2015 21:02:10.0	yes
29	(29) PG1143+321	COS/FUV	1	16-Dec-2015 21:02:11.0	yes
30	(30) WD2226+061	COS/FUV	1	16-Dec-2015 21:02:12.0	yes
31	(31) WD1314-153	COS/FUV	1	16-Dec-2015 21:02:13.0	yes
32	(32) WD0127-050	COS/FUV	1	16-Dec-2015 21:02:14.0	yes
33	(33) HS2220+2146B	COS/FUV	1	16-Dec-2015 21:02:15.0	yes

Proposal 14077 (STScI Edit Number: 1, Created: Wednesday, December 16, 2015 9:03:02 PM EST) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
34	(34) HS2220+2146A	COS/FUV	1	16-Dec-2015 21:02:16.0	yes
35	(35) WD2248-504	COS/FUV	1	16-Dec-2015 21:02:17.0	yes
36	(36) WD1550+183	COS/FUV	1	16-Dec-2015 21:02:18.0	yes
37	(37) HE0131+0149	COS/FUV	1	16-Dec-2015 21:02:19.0	yes
38	(38) WD2018-233	COS/FUV	1	16-Dec-2015 21:02:20.0	yes
39	(39) HS0400+1451	COS/FUV	1	16-Dec-2015 21:02:21.0	yes
40	(40) WD0406+169	COS/FUV	1	16-Dec-2015 21:02:22.0	yes
41	(41) PG1508+549	COS/FUV	1	16-Dec-2015 21:02:23.0	yes
42	(42) WD0956+020	COS/FUV	1	16-Dec-2015 21:02:24.0	yes
43	(43) WD2312-356	COS/FUV	1	16-Dec-2015 21:02:25.0	yes
44	(44) PG0821+633	COS/FUV	1	16-Dec-2015 21:02:26.0	yes
45	(100) WD1919+145	COS/FUV	1	16-Dec-2015 21:02:27.0	yes
46	(101) WD1713+695	COS/FUV	1	16-Dec-2015 21:02:28.0	yes
47	(102) WD0730+487	COS/FUV	1	16-Dec-2015 21:02:29.0	yes
48	(103) WD0732-427	COS/FUV	1	16-Dec-2015 21:02:30.0	yes
49	(104) WD0743+442	COS/FUV	1	16-Dec-2015 21:02:31.0	yes
50	(105) WD1016-308	COS/FUV	1	16-Dec-2015 21:02:31.0	yes
51	(106) WD1232+479	COS/FUV	1	16-Dec-2015 21:02:32.0	yes
52	(107) WD0316+345	COS/FUV	1	16-Dec-2015 21:02:33.0	yes
53	(108) WD1308-301	COS/FUV	1	16-Dec-2015 21:02:34.0	yes
54	(109) WD0136+768	COS/FUV	1	16-Dec-2015 21:02:35.0	yes
55	(110) WD2205-139	COS/FUV	1	16-Dec-2015 21:02:36.0	yes
56	(111) WD1452+553	COS/FUV	1	16-Dec-2015 21:02:37.0	yes
57	(112) WD1132+470	COS/FUV	1	16-Dec-2015 21:02:38.0	yes
58	(113) WD1553+353	COS/FUV	1	16-Dec-2015 21:02:39.0	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>
59	(114) WD0229+270	COS/FUV	1	16-Dec-2015 21:02:40.0	yes
60	(115) WD1152+371	COS/FUV	1	16-Dec-2015 21:02:41.0	yes
61	(116) WD2043-635	COS/FUV	1	16-Dec-2015 21:02:42.0	yes
62	(117) WD2347-192	COS/FUV	1	16-Dec-2015 21:02:43.0	yes
63	(118) WD2143+353	COS/FUV	1	16-Dec-2015 21:02:47.0	yes
64	(119) WD0110-139	COS/FUV	1	16-Dec-2015 21:02:48.0	yes
65	(120) WD2200-136	COS/FUV	1	16-Dec-2015 21:02:49.0	yes
66	(121) WD2204+070	COS/FUV	1	16-Dec-2015 21:02:50.0	yes
67	(122) WD2009+622	COS/FUV	1	16-Dec-2015 21:02:51.0	yes
68	(123) WD0859+337	COS/FUV	1	16-Dec-2015 21:02:52.0	yes
69	(124) WD1739+804	COS/FUV	1	16-Dec-2015 21:02:53.0	yes
70	(125) WD0904+391	COS/FUV	1	16-Dec-2015 21:02:54.0	yes
71	(126) WD0922+183	COS/FUV	1	16-Dec-2015 21:02:55.0	yes
72	(127) WD1517+373	COS/FUV	1	16-Dec-2015 21:02:56.0	yes
73	(128) WD1333+497	COS/FUV	1	16-Dec-2015 21:02:58.0	yes
74	(129) WD0127+270	COS/FUV	1	16-Dec-2015 21:02:59.0	yes
75	(130) WD1539+530	COS/FUV	1	16-Dec-2015 21:03:00.0	yes

75 Total Orbits Used

ABSTRACT

Many planetary systems will survive the post main-sequence evolution of their host stars into white dwarfs (WDs). In the solar system, Mars, the asteroid belt, and the outer planets will eventually orbit the WD remnant of the Sun, and many WDs are known to have remnants of planetary systems. Historically, planetary debris was detected in ~20% of WDs with cooling ages >0.5 Gyr from Ca K detections. However, the Ca II ionisation balance makes the ground-based detection of planetary debris at younger, hotter WDs impossible.

We have carried out a very successful Cycle 18/19 COS snapshot survey of 100 WDs with cooling ages of 20-200Myr, and detect metal pollution in

up to 50% of all targets via the strong Si resonance lines. This survey also showed that terrestrial material is common around A-stars, that rocky exoplanetary bodies display a similar variety in abundances as the meteorites in our solar system, and that water-rich Ceres-like asteroids still exist in evolved planetary systems.

We were approved a Cycle 22 COS snapshot program to close the last gaps in the statistics of evolved planetary systems, i.e. an extension of our snapshot survey to cooling ages of 5-25Myr and 100-300Myr. Our orbital integrations suggest that mass-loss during the AGB phase can stir up instabilities leading to planet-planet collisions, which should be most frequent during the first 10Myr, and these observations will unambiguously test these predictions. However, due to the limit on the total number of approved COS snapshots our target list was reduced by 35%, and we apply here for a Cycle 23 extension of the survey to reach the same statistical significance as our Cycle 18/19 programs.

OBSERVING DESCRIPTION

This is a continuation of our COS snapshot survey 13652, which itself was an extension of 12169 and 12474.

The observations are straight-forward: brief COS/G130M @ 1291A snapshot of single hydrogen-atmosphere white dwarfs to search for metal absorption lines from the accretion of planetary debris. Atmospheric parameters were taken from <http://adsabs.harvard.edu/abs/2011ApJ...743..138G>.

All targets have either GALEX magnitudes, or IUE spectra.

All target acquisitions are done in the spectroscopic mode, which is safer with respect to the bright object limit.

None of these white dwarfs is interacting with a companion, no outbursts, no flares.

Targets / visits 1 - 44 are taken from the ongoing survey 13652, and have already passed their bright object review in Cycle 22 ... so in principle, they should cause very little work for Cycle 23.

Proposal 14077 (STScI Edit Number: 1, Created: Wednesday, December 16, 2015 9:03:02 PM EST) - Overview

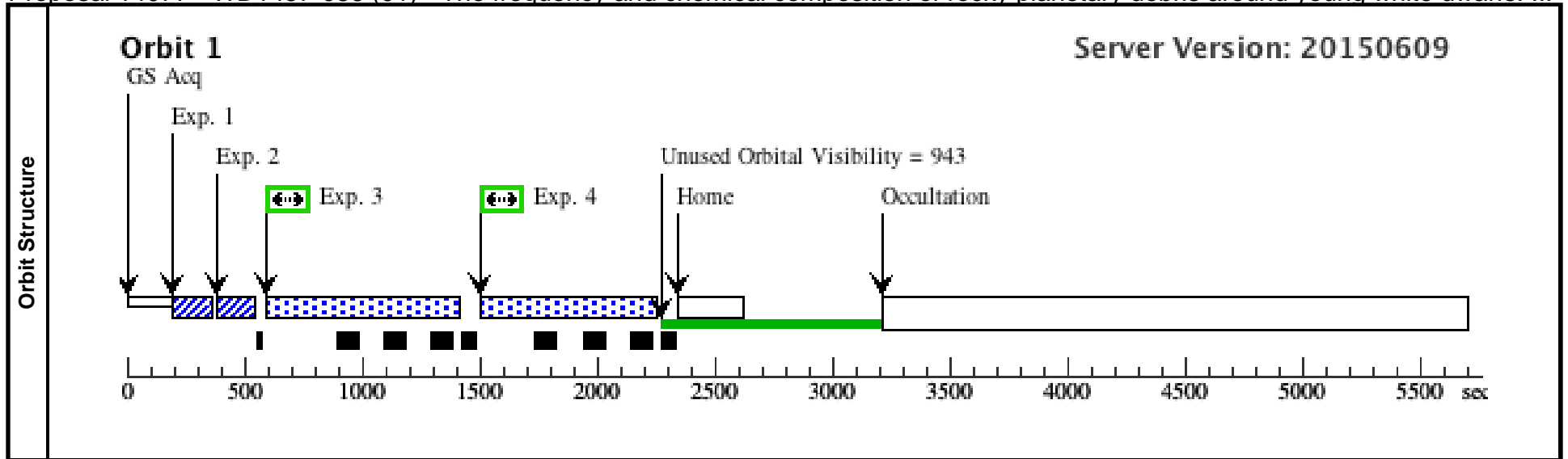
Targets 100 - 130 / visits 45 - 75 are new for Cycle 23, and need to have a bright object review.

I will update the Phase II once Cycle 22 ends, as some of the targets/visits 1 - 44 may still be done during Cycle 22, and need to be replaced with new targets.

Proposal 14077 - WD1457-086 (01) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:02 GMT 2015

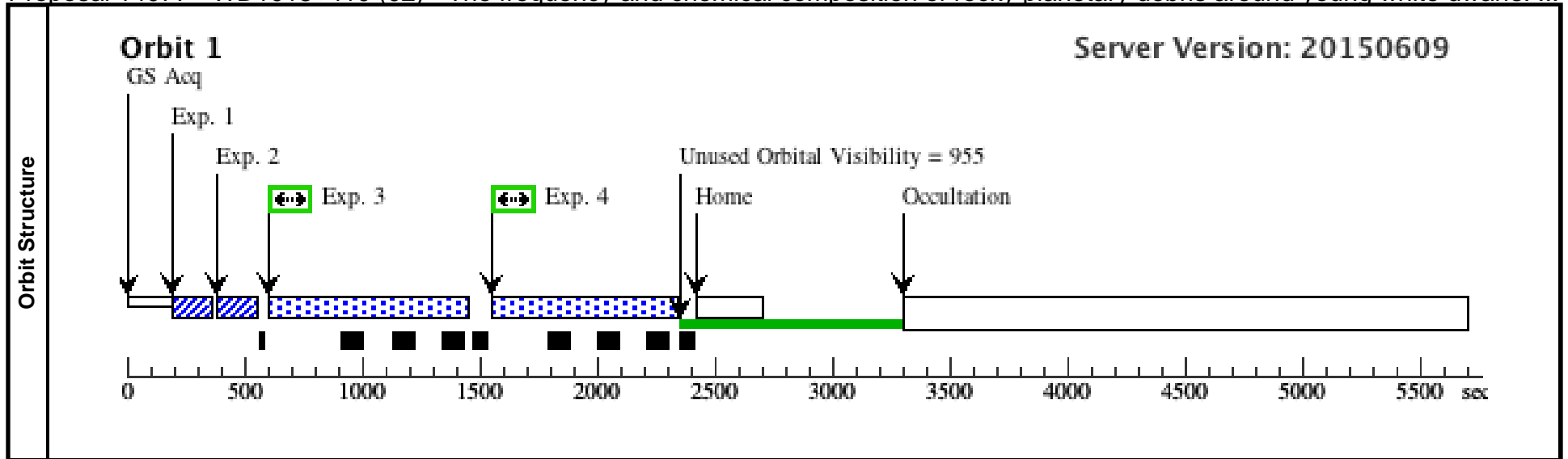
Visit	Proposal 14077, WD1457-086 (01), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1457-086 (01)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD1457-086 (01)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	WD1457-086	RA: 14 59 52.9800 (224.9707500d) Dec: -08 49 29.60 (-8.82489d) Equinox: J2000	Proper Motion RA: 2.4 mas/yr Proper Motion Dec: -38.8 mas/yr Epoch of Position: 2000	V=15.77+/-0.1 GALEX FUV=0microJy X NUV=0microJy	Reference Frame: ICRS				
Comments: Teff=21450 logg=7.97, predicted flux at 1380A = 0.9e-13 erg/cm2/s/AA Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.626 099)	(1) WD1457-086	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) [==>]	[1]
	Comments: This is the only target without GALEX fluxes, I rely on the WD model predictions for the UV, which are way below any safety threshold.									
	2	ACQ/PEAK D (COS.sa.626 099)	(1) WD1457-086	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2 Secs (2 Secs) [==>]	[1]
	Comments: This is the only target without GALEX fluxes, I rely on the WD model predictions for the UV, which are way below any safety threshold.									
3	WD1457-08 6 COS/G130 M FP-POS=1 (COS.sp.626 100)	(1) WD1457-086	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=1			700 Secs (700 Secs) [==>]	[1]	
Comments: This is the only target without GALEX fluxes, I rely on the WD model predictions for the UV, which are way below any safety threshold.										
4	WD1457-08 6 COS/G130 M FP-POS=4 (COS.sp.626 100)	(1) WD1457-086	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=4			700 Secs (700 Secs) [==>]	[1]	
Comments: This is the only target without GALEX fluxes, I rely on the WD model predictions for the UV, which are way below any safety threshold.										



Proposal 14077 - WD1018+410 (02) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

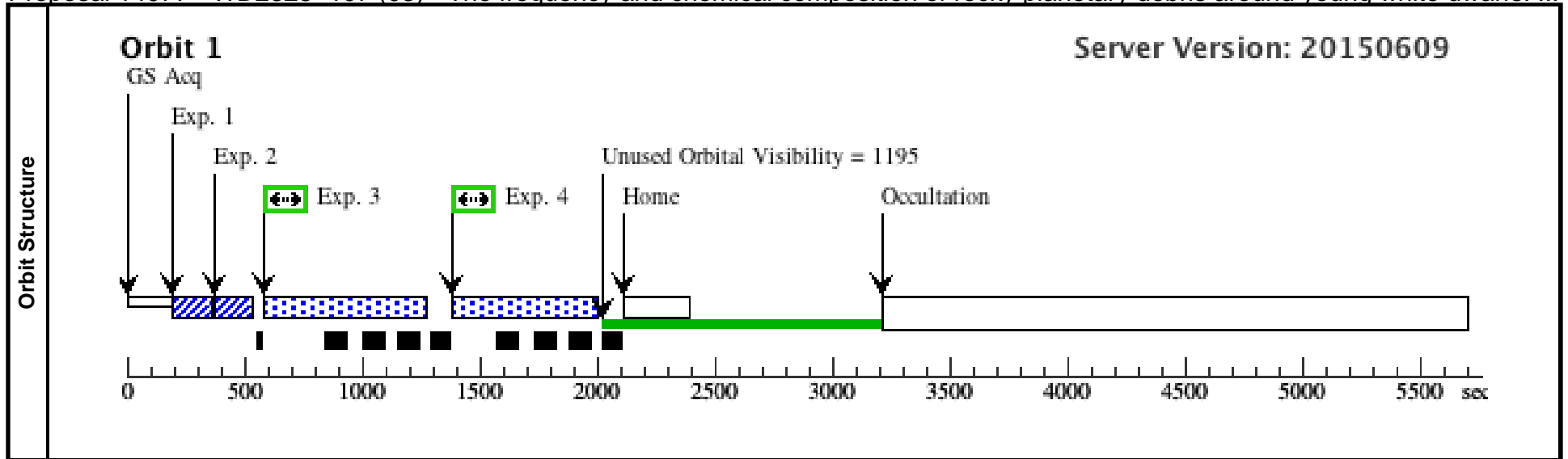
Visit	Proposal 14077, WD1018+410 (02), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)																																																											
Diagnostics	(WD1018+410 (02)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD1018+410 (02)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.																																																											
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>WD1018+410</td> <td>RA: 10 21 55.5000 (155.4812500d) Dec: +40 50 14.50 (40.83736d) Equinox: J2000</td> <td>Proper Motion RA: -20.8 mas/yr Proper Motion Dec: 0.1 mas/yr Epoch of Position: 2000</td> <td>V=15.57+/-0.1 GALEX FUV=2641microJy GA LEX NUV=56microJy</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments: Teff=23680 logg=8.04</i></p> <p><i>11 Dec 2014: proper motions updated. PPMXL and UCAC4 give slight different p.m. and new ground based imaging suggest that the UCAC4 values are more reliable.</i></p> <p><i>Extended=NO</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	WD1018+410	RA: 10 21 55.5000 (155.4812500d) Dec: +40 50 14.50 (40.83736d) Equinox: J2000	Proper Motion RA: -20.8 mas/yr Proper Motion Dec: 0.1 mas/yr Epoch of Position: 2000	V=15.57+/-0.1 GALEX FUV=2641microJy GA LEX NUV=56microJy	Reference Frame: ICRS																																						
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Exposures	<table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ACQ/PEAK XD (COS.sa.626 090)</td> <td>(2) WD1018+410</td> <td>COS/FUV, ACQ/PEAKXD, PSA</td> <td>G130M 1291 A</td> <td></td> <td></td> <td></td> <td>4 Secs (4 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>ACQ/PEAK D (COS.sa.626 090)</td> <td>(2) WD1018+410</td> <td>COS/FUV, ACQ/PEAKD, PSA</td> <td>G130M 1291 A</td> <td>STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF</td> <td></td> <td></td> <td>4 Secs (4 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>WD1018+4 10 COS/G13 0M FP-POS =1 (COS.sp.626 091)</td> <td>(2) WD1018+410</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1291 A</td> <td>BUFFER-TIME=21 0; FLASH=YES; FP-POS=1</td> <td></td> <td></td> <td>735 Secs (735 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>WD1018+4 10 COS/G13 0M FP-POS =4 (COS.sp.626 091)</td> <td>(2) WD1018+410</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G130M 1291 A</td> <td>BUFFER-TIME=21 0; FLASH=YES; FP-POS=4</td> <td></td> <td></td> <td>735 Secs (735 Secs) [==>]</td> <td>[1]</td> </tr> </tbody> </table>										#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1	ACQ/PEAK XD (COS.sa.626 090)	(2) WD1018+410	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				4 Secs (4 Secs) [==>]	[1]	2	ACQ/PEAK D (COS.sa.626 090)	(2) WD1018+410	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			4 Secs (4 Secs) [==>]	[1]	3	WD1018+4 10 COS/G13 0M FP-POS =1 (COS.sp.626 091)	(2) WD1018+410	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=21 0; FLASH=YES; FP-POS=1			735 Secs (735 Secs) [==>]	[1]	4	WD1018+4 10 COS/G13 0M FP-POS =4 (COS.sp.626 091)	(2) WD1018+410	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=21 0; FLASH=YES; FP-POS=4			735 Secs (735 Secs) [==>]	[1]
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Proposal 14077 - WD2328+107 (03) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

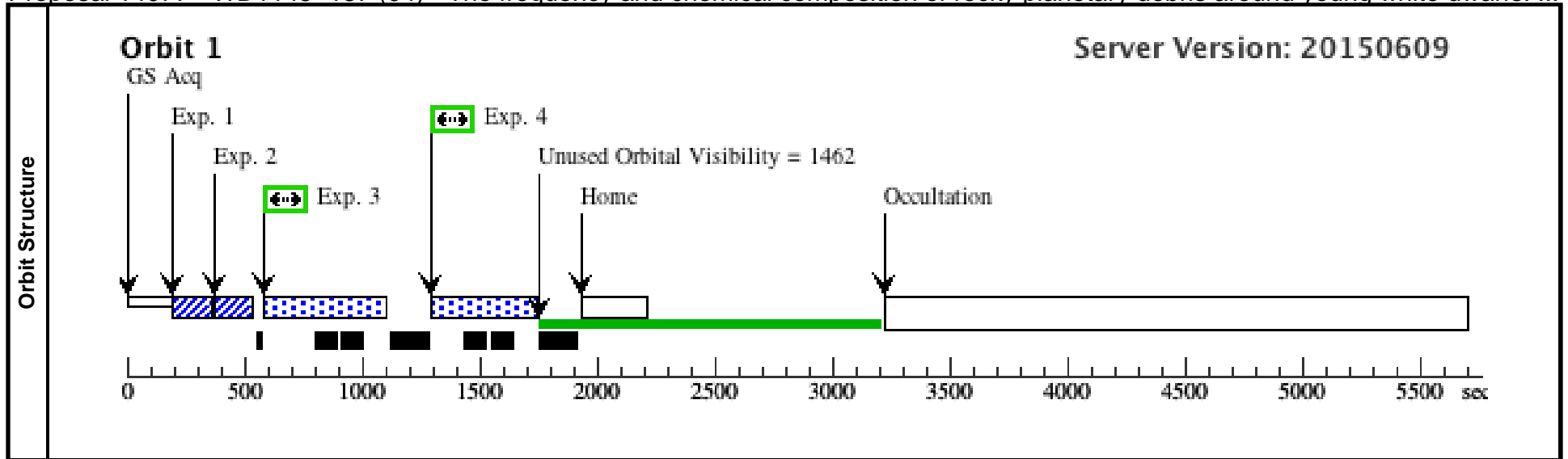
Visit	Proposal 14077, WD2328+107 (03), completed Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(WD2328+107 (03)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (WD2328+107 (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.								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(3)	WD2328+107	RA: 23 30 41.6700 (352.6736250d) Dec: +11 02 6.40 (11.03511d) Equinox: J2000	Proper Motion RA: -63.2 mas/yr Proper Motion Dec: -38.0 mas/yr Epoch of Position: 2000	V=15.54+/-0.1 GALEX FUV=5478microJy GA LEX NUV=92microJy	Reference Frame: ICRS				
Comments: $T_{eff}=21910$ $logg=7.84$ Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.626 095)	(3) WD2328+107	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.626 095)	(3) WD2328+107	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	WD2328+107 COS/G130M FP-POS=1 (COS.sp.626 098)	(3) WD2328+107	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 5; FLASH=YES; FP-POS=1			570 Secs (570 Secs) [==>]	[1]
	4	WD2328+107 COS/G130M FP-POS=4 (COS.sp.626 098)	(3) WD2328+107	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=15 5; FLASH=YES; FP-POS=4			570 Secs (570 Secs) [==>]	[1]



Proposal 14077 - WD1145+187 (04) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

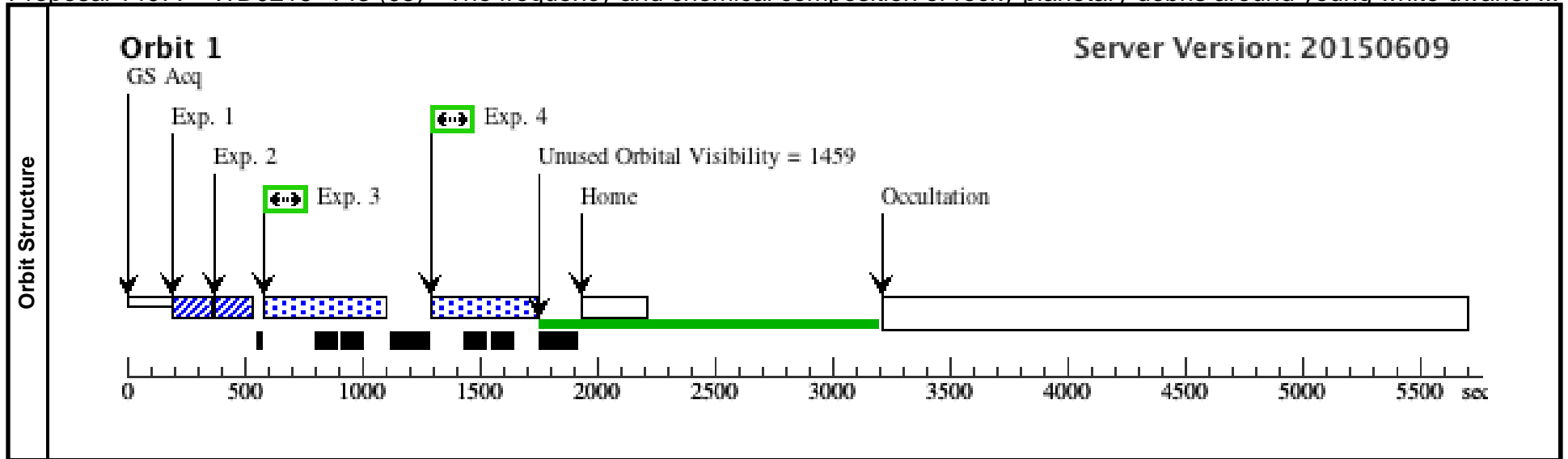
Visit	Proposal 14077, WD1145+187 (04), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1145+187 (04)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD1145+187 (04)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(4)	WD1145+187	RA: 11 48 3.1700 (177.0132083d) Dec: +18 30 46.50 (18.51292d) Equinox: J2000	Proper Motion RA: 16.009993 mas/yr Proper Motion Dec: 65.85011 mas/yr Epoch of Position: 2000.0	V=14.237+/-0.061 GALEX FUV=13.07 GALEX N UV=13.55	Reference Frame: ICRS				
Comments: Teff=27167 logg=7.798 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 479)	(4) WD1145+187	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 479)	(4) WD1145+187	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 478)	(4) WD1145+187	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=11 1; FLASH=YES; FP-POS=1			400 Secs (400 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 478)	(4) WD1145+187	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=11 1; FLASH=YES; FP-POS=4			400 Secs (400 Secs) [==>]	[1]



Proposal 14077 - WD0216+143 (05) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

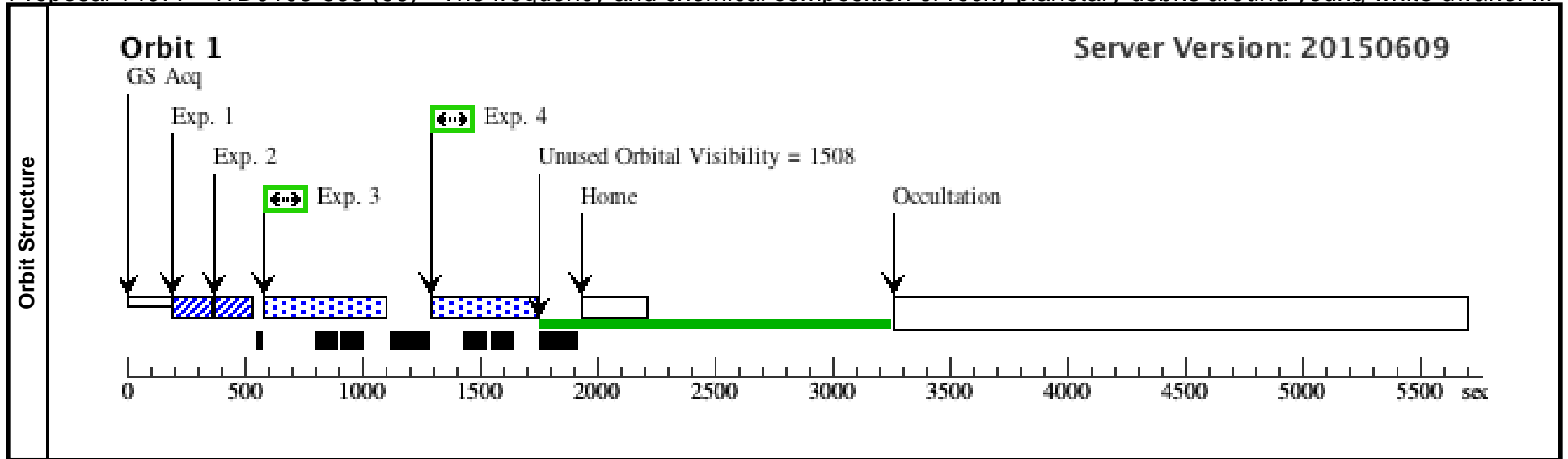
Visit	Proposal 14077, WD0216+143 (05), completed Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0216+143 (05)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (WD0216+143 (05)) 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				
	(5)	WD0216+143	RA: 02 18 48.1200 (34.7005000d) Dec: +14 36 4.40 (14.60122d) Equinox: J2000	Proper Motion RA: -97.84009 mas/yr Proper Motion Dec: 34.17998 mas/yr Epoch of Position: 2000.0	V=14.559+/-0.05 GALEX FUV=13.1 GALEX N UV=14.29	Reference Frame: ICRS				
Comments: Teff=26637 logg=7.791 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 490)	(5) WD0216+143	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 490)	(5) WD0216+143	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 488)	(5) WD0216+143	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=11 1; FLASH=YES; FP-POS=1			400 Secs (400 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 488)	(5) WD0216+143	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=11 1; FLASH=YES; FP-POS=4			400 Secs (400 Secs) [==>]	[1]



Proposal 14077 - WD0106-358 (06) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

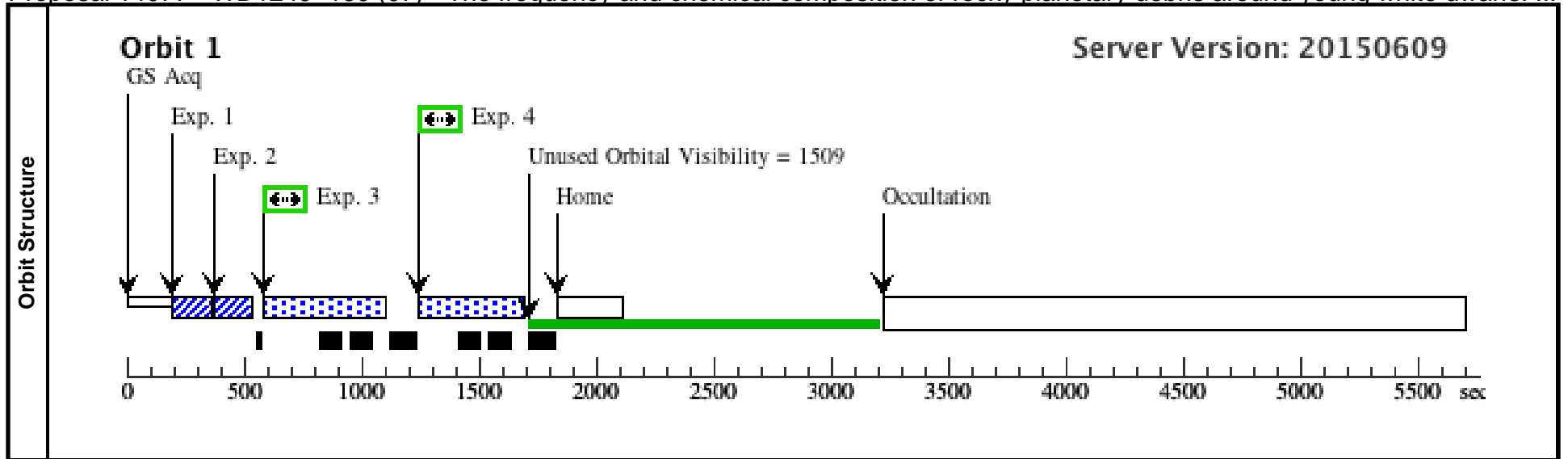
Visit	Proposal 14077, WD0106-358 (06), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0106-358 (06)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD0106-358 (06)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	WD0106-358	RA: 01 08 20.7700 (17.0865417d) Dec: -35 34 41.50 (-35.57819d) Equinox: J2000	Proper Motion RA: -17.309988 mas/yr Proper Motion Dec: -38.72988 mas/yr Epoch of Position: 2000.0	V=14.716+/-0.017 GALEX FUV=13.19 GALEX N UV=13.7	Reference Frame: ICRS				
Comments: Teff=29198 logg=7.86 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 491)	(6) WD0106-358	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 491)	(6) WD0106-358	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 492)	(6) WD0106-358	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=11 1; FLASH=YES; FP-POS=1			400 Secs (400 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 492)	(6) WD0106-358	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=11 1; FLASH=YES; FP-POS=4			400 Secs (400 Secs) [==>]	[1]



Proposal 14077 - WD1249+160 (07) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

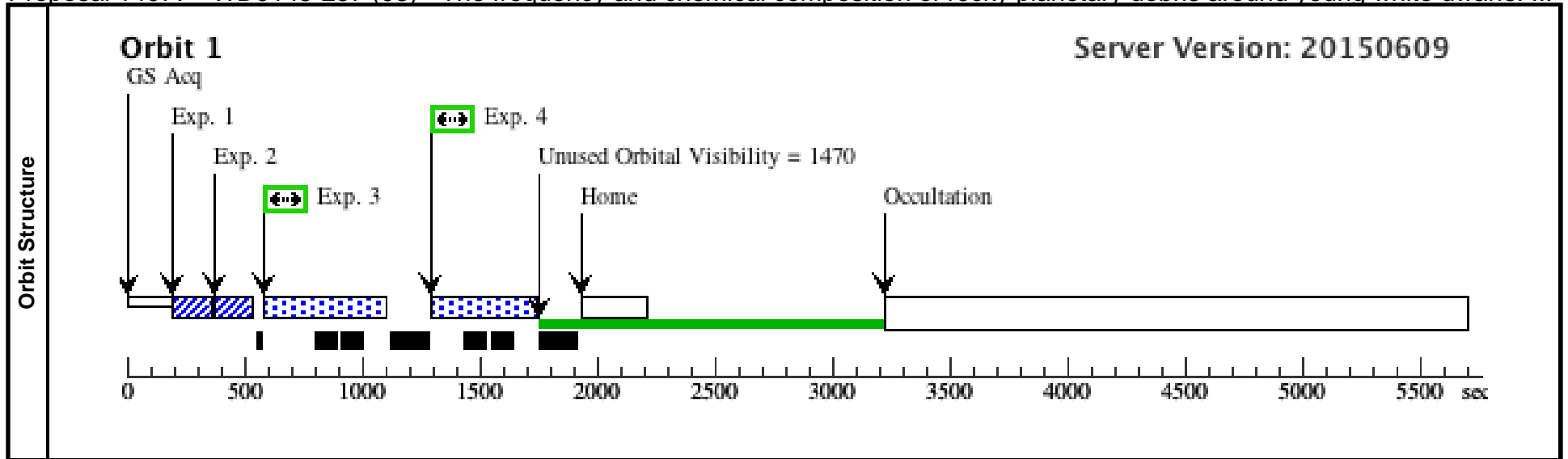
Visit	Proposal 14077, WD1249+160 (07), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1249+160 (07)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD1249+160 (07)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	WD1249+160	RA: 12 52 17.1300 (193.0713750d) Dec: +15 44 43.80 (15.74550d) Equinox: J2000	Proper Motion RA: -11.16 mas/yr Proper Motion Dec: -23.140007 mas/yr Epoch of Position: 2000.0	V=14.656+/-0.037 GALEX FUV=13.28 GALEX N UV=13.87	Reference Frame: ICRS				
<i>Comments: Teff=25792 logg=7.214 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 493)	(7) WD1249+160	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 493)	(7) WD1249+160	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 494)	(7) WD1249+160	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=13 0; FLASH=YES; FP-POS=1			400 Secs (400 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 494)	(7) WD1249+160	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=13 0; FLASH=YES; FP-POS=4			400 Secs (400 Secs) [==>]	[1]



Proposal 14077 - WD0145-257 (08) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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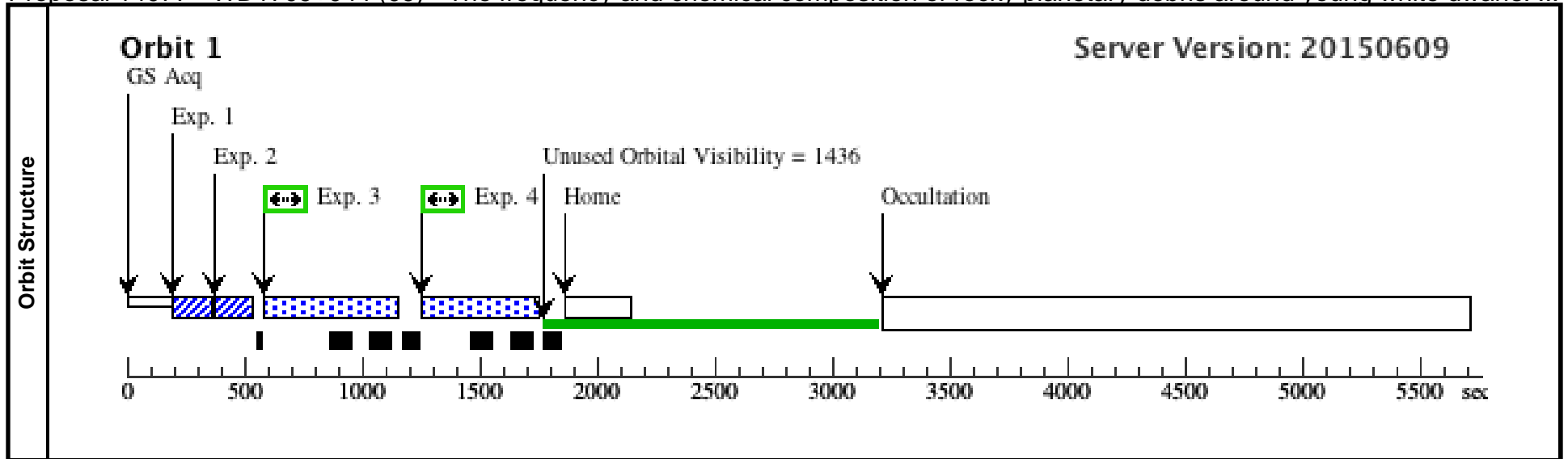
Visit	Proposal 14077, WD0145-257 (08), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(WD0145-257 (08)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (WD0145-257 (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			
	(8)	WD0145-257	RA: 01 48 8.2000 (27.0341667d) Dec: -25 32 44.30 (-25.54564d) Equinox: J2000	Proper Motion RA: 84.13992 mas/yr Proper Motion Dec: 28.599983 mas/yr Epoch of Position: 2000.0	V=14.496+/-0.1 GALEX FUV=13.32 GALEX N UV=14.02	Reference Frame: ICRS				
<i>Comments: Teff=25915 logg=7.858 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 496)	(8) WD0145-257	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 496)	(8) WD0145-257	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 497)	(8) WD0145-257	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=11 1; FLASH=YES; FP-POS=1			400 Secs (400 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 497)	(8) WD0145-257	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=11 1; FLASH=YES; FP-POS=4			400 Secs (400 Secs) [==>]	[1]



Proposal 14077 - WD1709+044 (09) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

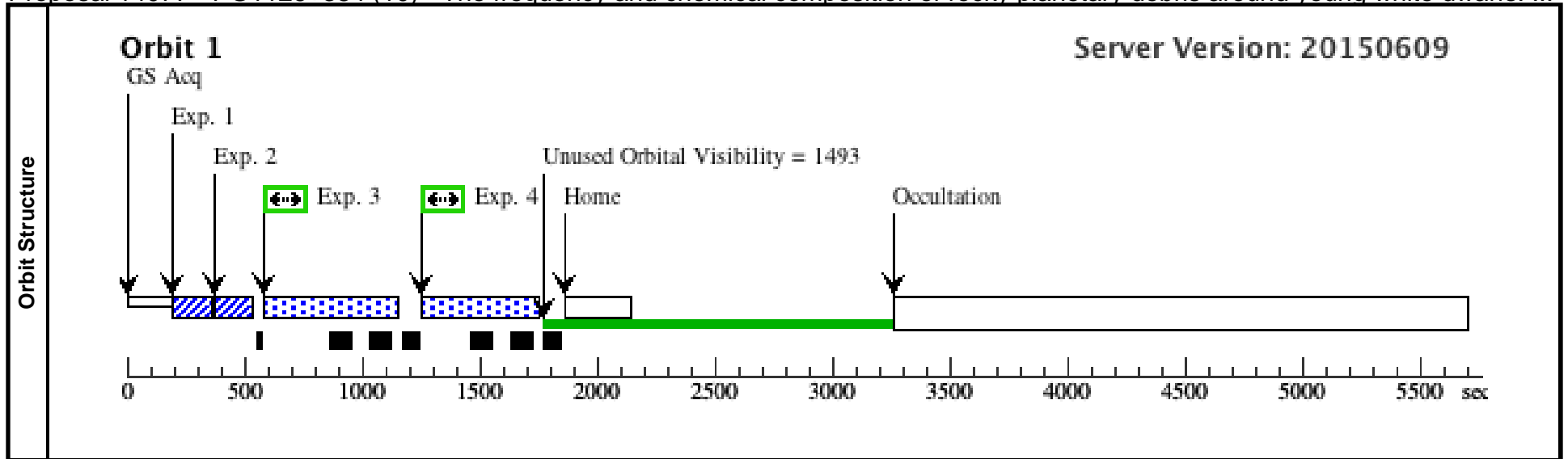
Visit	Proposal 14077, WD1709+044 (09), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1709+044 (09)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD1709+044 (09)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	WD1609+044	RA: 16 11 49.0700 (242.9544583d) Dec: +04 19 37.90 (4.32719d) Equinox: J2000	Proper Motion RA: -26.880013 mas/yr Proper Motion Dec: -18.27 mas/yr Epoch of Position: 2000.0	V=15.167+/-0.02 GALEX FUV=13.61 GALEX N UV=14.26	Reference Frame: ICRS				
Comments: <i>Teff=29593 logg=7.791</i> Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 499)	(9) WD1609+044	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 499)	(9) WD1609+044	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 500)	(9) WD1609+044	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=1			450 Secs (450 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 500)	(9) WD1609+044	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=4			450 Secs (450 Secs) [==>]	[1]



Proposal 14077 - PG1126+384 (10) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

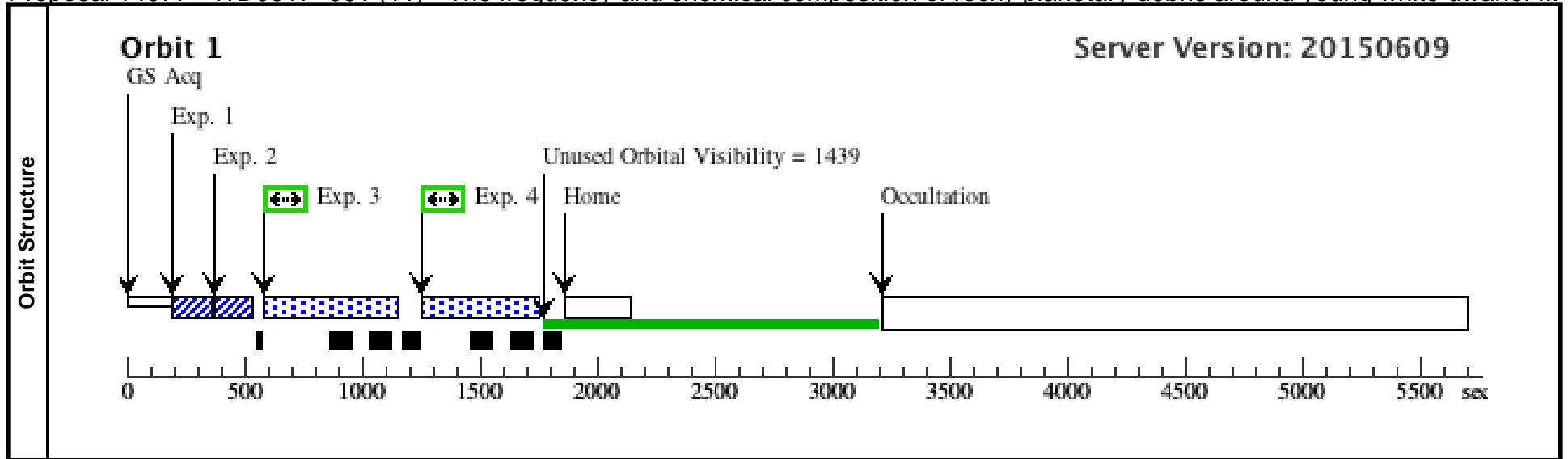
Visit	Proposal 14077, PG1126+384 (10), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(PG1126+384 (10)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (PG1126+384 (10)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	PG1126+384	RA: 11 29 10.9100 (172.2954583d) Dec: +38 08 51.50 (38.14764d) Equinox: J2000	Proper Motion RA: -103.77 mas/yr Proper Motion Dec: -6.9099836 mas/yr Epoch of Position: 2000.0	V=14.914+/-0.05 GALEX FUV=13.64 GALEX N UV=14.13	Reference Frame: ICRS				
Comments: Teff=25150 logg=7.9 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 502)	(10) PG1126+384	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 502)	(10) PG1126+384	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 503)	(10) PG1126+384	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=1			450 Secs (450 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 503)	(10) PG1126+384	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=4			450 Secs (450 Secs) [==>]	[1]



Proposal 14077 - WD0017+061 (11) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

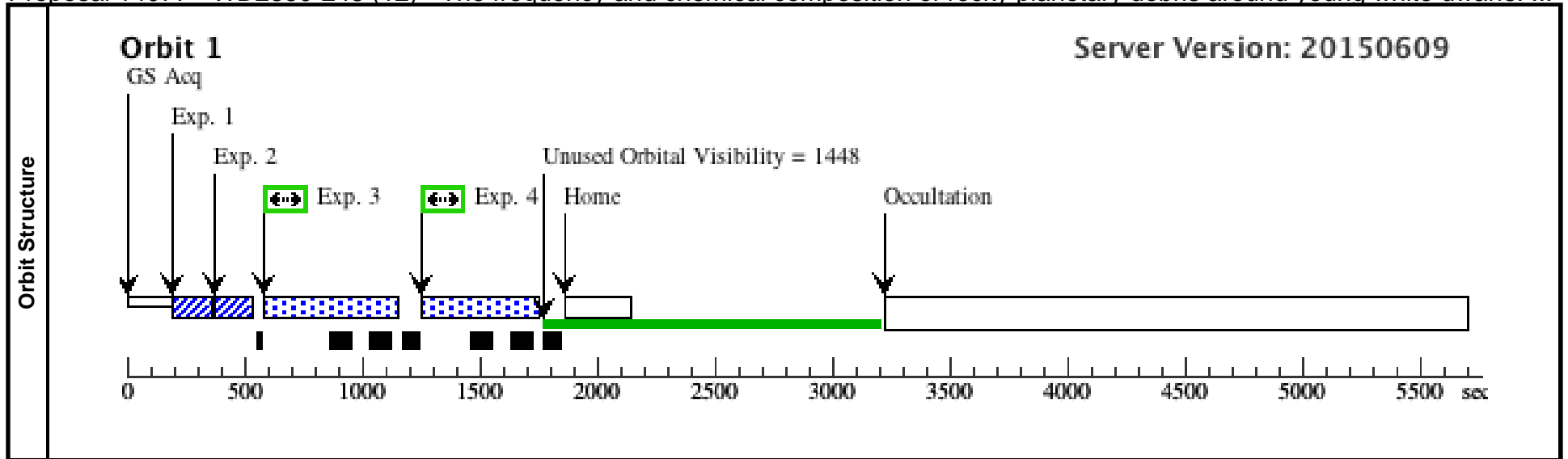
Visit	Proposal 14077, WD0017+061 (11), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(WD0017+061 (11)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD0017+061 (11)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(11)	WD0017+061	RA: 00 19 40.9280 (4.9205333d) Dec: +06 24 7.59 (6.40211d) Equinox: J2000	Proper Motion RA: -84 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2000.0	V=15.154+/-0.035 GALEX FUV=13.68 GALEX N UV=14.47	Reference Frame: ICRS				
<i>Comments: Teff=28149 logg=7.749 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 507)	(11) WD0017+061	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 507)	(11) WD0017+061	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.626 109)	(11) WD0017+061	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=1			450 Secs (450 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.626 109)	(11) WD0017+061	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=4			450 Secs (450 Secs) [==>]	[1]



Proposal 14077 - WD2350-248 (12) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

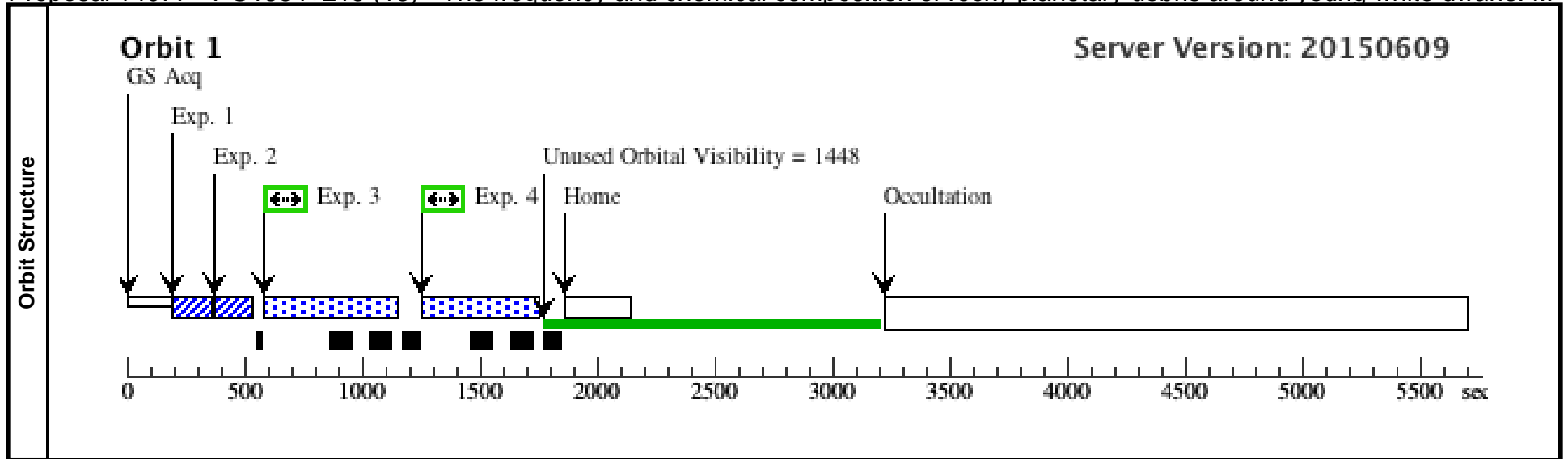
Visit	Proposal 14077, WD2350-248 (12), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(WD2350-248 (12)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (WD2350-248 (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			
		(12)	WD2350-248	RA: 23 53 3.7800 (358.2657500d) Dec: -24 32 3.40 (-24.53428d) Equinox: J2000	Proper Motion RA: -19.389996 mas/yr Proper Motion Dec: -10.900007 mas/yr Epoch of Position: 2000.0	V=15.357+/-0.031 GALEX FUV=13.73 GALEX N UV=14.48	Reference Frame: ICRS			
	<i>Comments: Teff=28867 logg=8.375 Extended=NO</i>									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 529)	(12) WD2350-248	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 529)	(12) WD2350-248	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 528)	(12) WD2350-248	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=1			450 Secs (450 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 528)	(12) WD2350-248	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=4			450 Secs (450 Secs) [==>]	[1]



Proposal 14077 - PG1554+215 (13) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

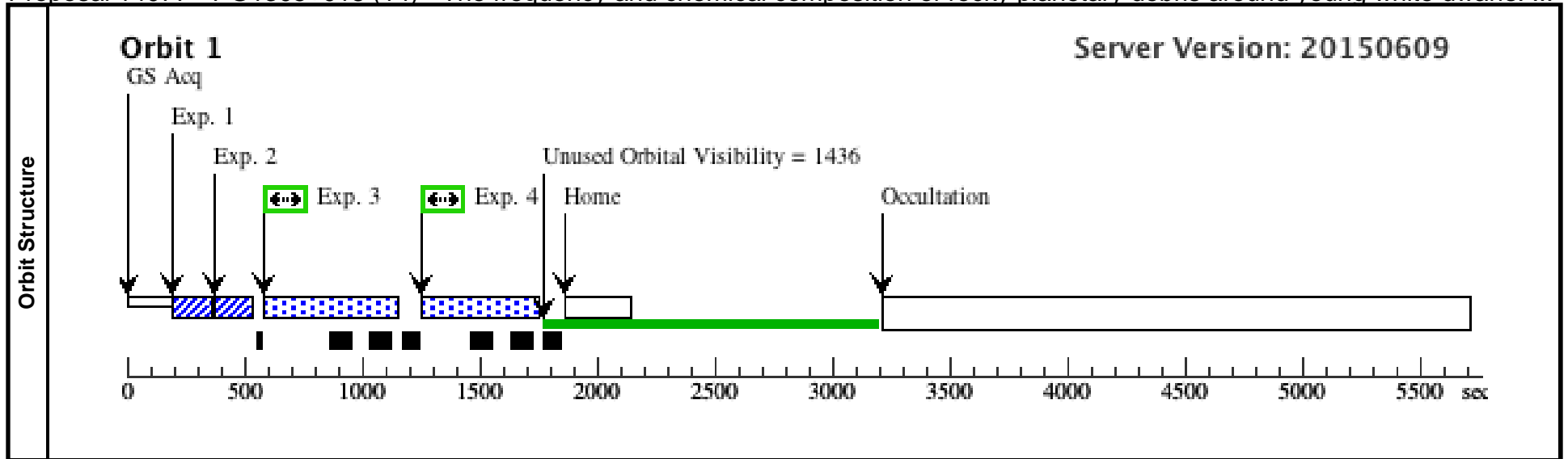
Visit	Proposal 14077, PG1554+215 (13), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(PG1554+215 (13)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (PG1554+215 (13)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.										
Diagnosics											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(13)	PG1554+215	RA: 15 56 18.7800 (239.0782500d) Dec: +21 23 55.10 (21.39864d) Equinox: J2000	Proper Motion RA: 17.979984 mas/yr Proper Motion Dec: -60.81012 mas/yr Epoch of Position: 2000.0	V=15.26+/-0.012 GALEX FUV=13.8 GALEX N UV=14.28	Reference Frame: ICRS					
Comments: Teff=26270 logg=7.83 Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sa.624 530)	(13) PG1554+215	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.624 530)	(13) PG1554+215	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 531)	(13) PG1554+215	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=1			450 Secs (450 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 531)	(13) PG1554+215	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=4			450 Secs (450 Secs) [==>]		[1]



Proposal 14077 - PG1305+018 (14) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

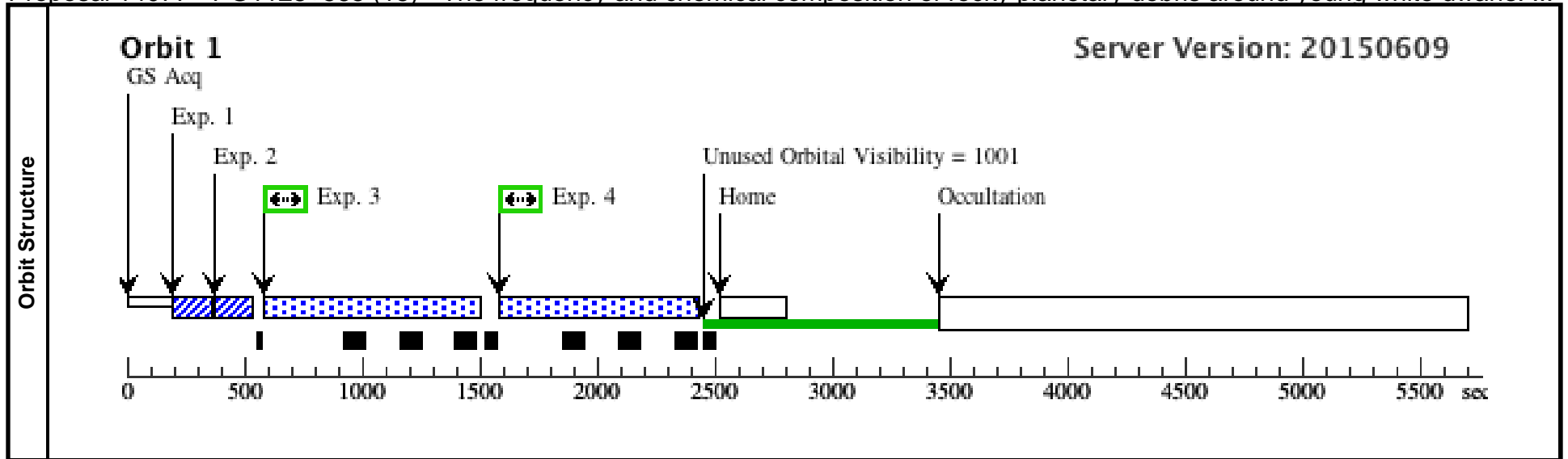
Visit	Proposal 14077, PG1305+018 (14), completed Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(PG1305+018 (14)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (PG1305+018 (14)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	PG1305+018	RA: 13 07 54.7200 (196.9780000d) Dec: +01 32 10.70 (1.53631d) Equinox: J2000	Proper Motion RA: -2.170001 mas/yr Proper Motion Dec: -16.009993 mas/yr Epoch of Position: 2000.0	V=15.181+/-0.067 GALEX FUV=13.8 GALEX N UV=14.38	Reference Frame: ICRS				
Comments: Teff=28980 logg=7.87 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 936)	(14) PG1305+018	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 936)	(14) PG1305+018	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 933)	(14) PG1305+018	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=1			450 Secs (450 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 933)	(14) PG1305+018	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=4			450 Secs (450 Secs) [==>]	[1]



Proposal 14077 - PG1128+565 (15) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:03 GMT 2015

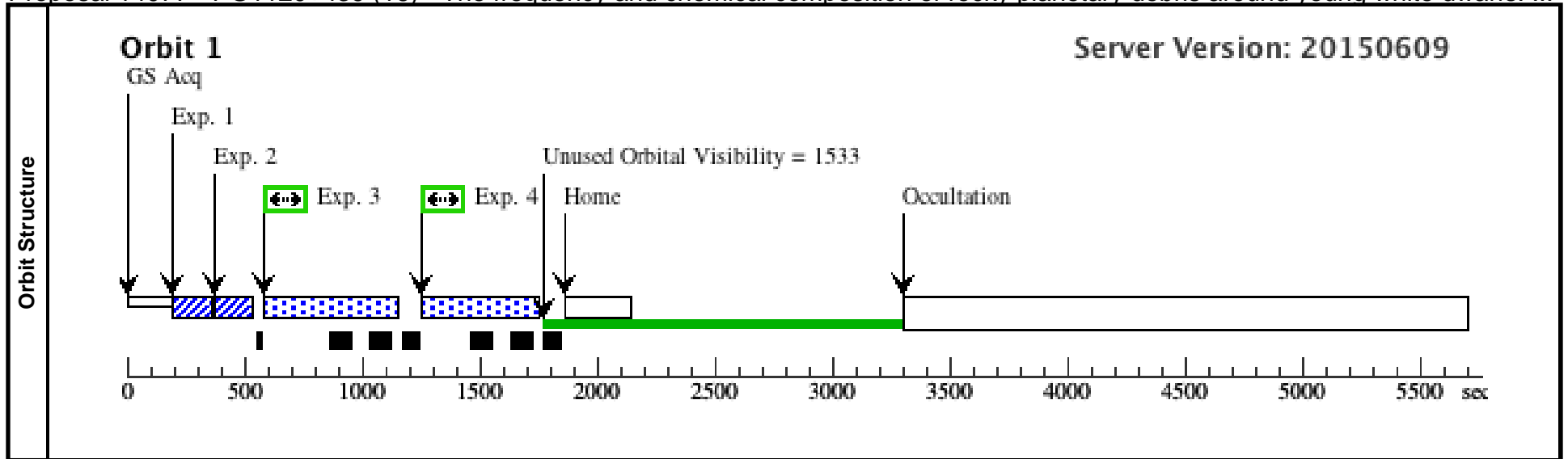
Visit	Proposal 14077, PG1128+565 (15), completed Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(PG1128+565 (15)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (PG1128+565 (15)) 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.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(15)	PG1128+565	RA: 11 31 18.8300 (172.8284583d) Dec: +56 11 27.30 (56.19092d) Equinox: J2000	Proper Motion RA: 74.14992 mas/yr Proper Motion Dec: -50.29992 mas/yr Epoch of Position: 2000.0		V=16.5+/-0.1 GALEX FUV=14.96 GALEX N UV=15.4	Reference Frame: ICRS			
Comments: Teff=26630 logg=7.86 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.633 355)	(15) PG1128+565	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.633 355)	(15) PG1128+565	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 938)	(15) PG1128+565	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=23 5; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 938)	(15) PG1128+565	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=23 5; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - PG1120+439 (16) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

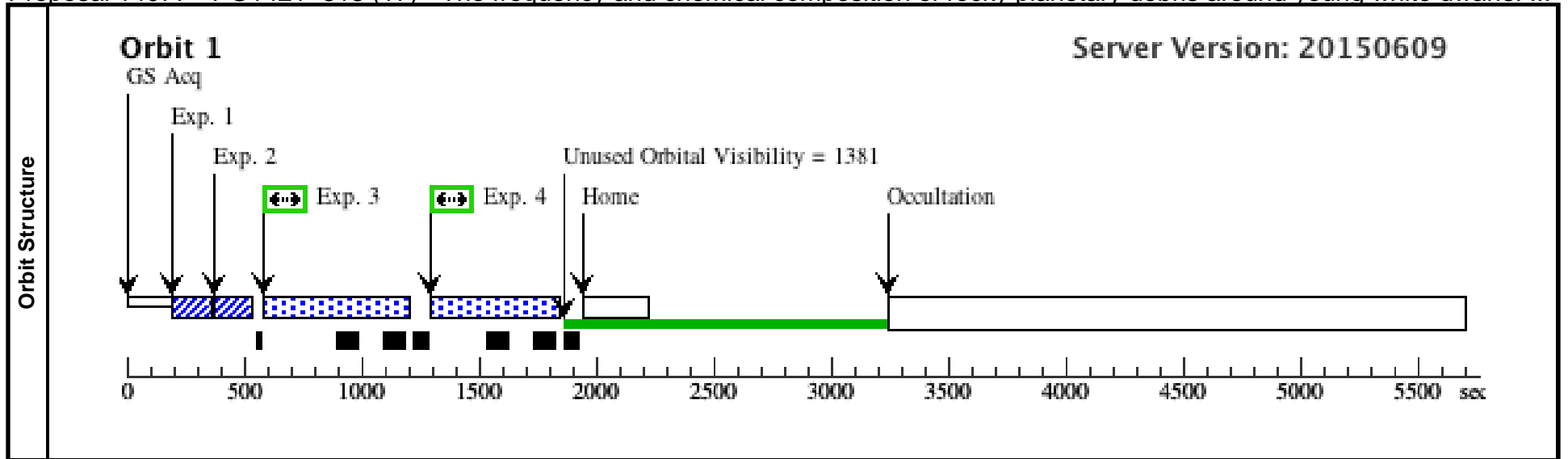
Visit	Proposal 14077, PG1120+439 (16), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(PG1120+439 (16)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (PG1120+439 (16)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(16)	PG1120+439	RA: 11 22 55.0200 (170.7292500d) Dec: +43 42 57.80 (43.71606d) Equinox: J2000	Proper Motion RA: -62.22996 mas/yr Proper Motion Dec: -28.230011 mas/yr Epoch of Position: 2000.0	V=15.372+/-0.111 GALEX FUV=13.86 GALEX N UV=14.4	Reference Frame: ICRS				
Comments: Teff=26950 logg=8.35 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 939)	(16) PG1120+439	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 939)	(16) PG1120+439	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 940)	(16) PG1120+439	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=1			450 Secs (450 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 940)	(16) PG1120+439	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=4			450 Secs (450 Secs) [==>]	[1]



Proposal 14077 - PG1421+318 (17) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

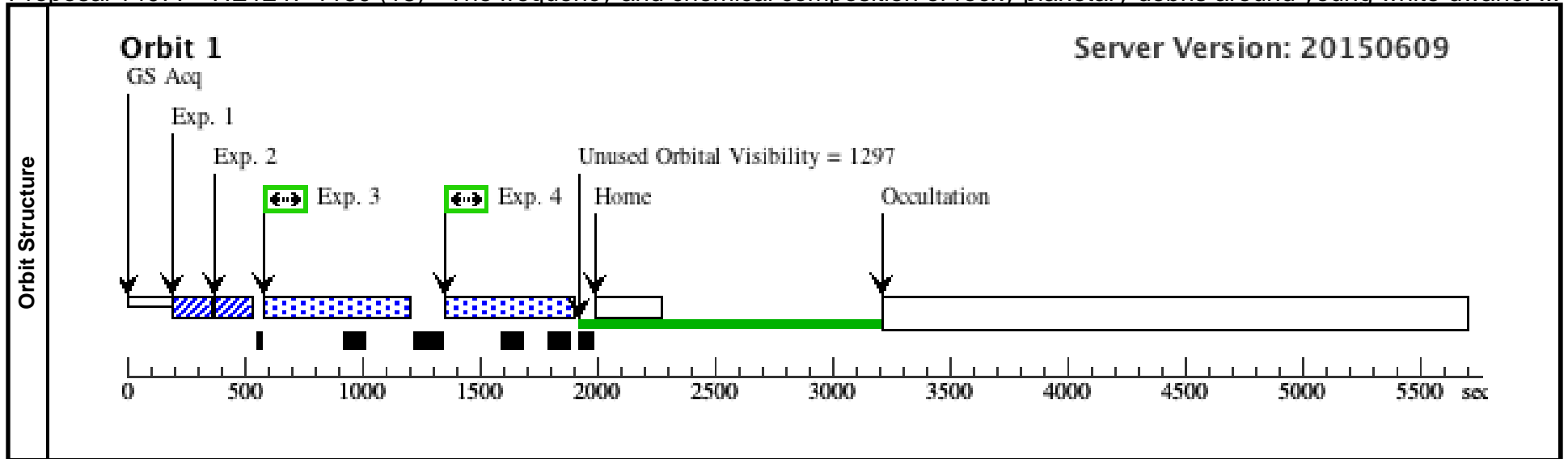
Visit	Proposal 14077, PG1421+318 (17), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(PG1421+318 (17)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (PG1421+318 (17)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.										
Diagnosics											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(17)	PG1421+318	RA: 14 23 40.7200 (215.9196667d) Dec: +31 34 59.90 (31.58331d) Equinox: J2000	Proper Motion RA: -41.320084 mas/yr Proper Motion Dec: -21.189997 mas/yr Epoch of Position: 2000.0	V=15.35+/-0.05 GALEX FUV=13.94 GALEX N UV=14.38	Reference Frame: ICRS					
Comments: Teff=27190 logg=7.94 Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sa.624 946)	(17) PG1421+318	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.624 946)	(17) PG1421+318	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 947)	(17) PG1421+318	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=1			500 Secs (500 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 947)	(17) PG1421+318	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=4			500 Secs (500 Secs) [==>]		[1]



Proposal 14077 - HE1247-1130 (18) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

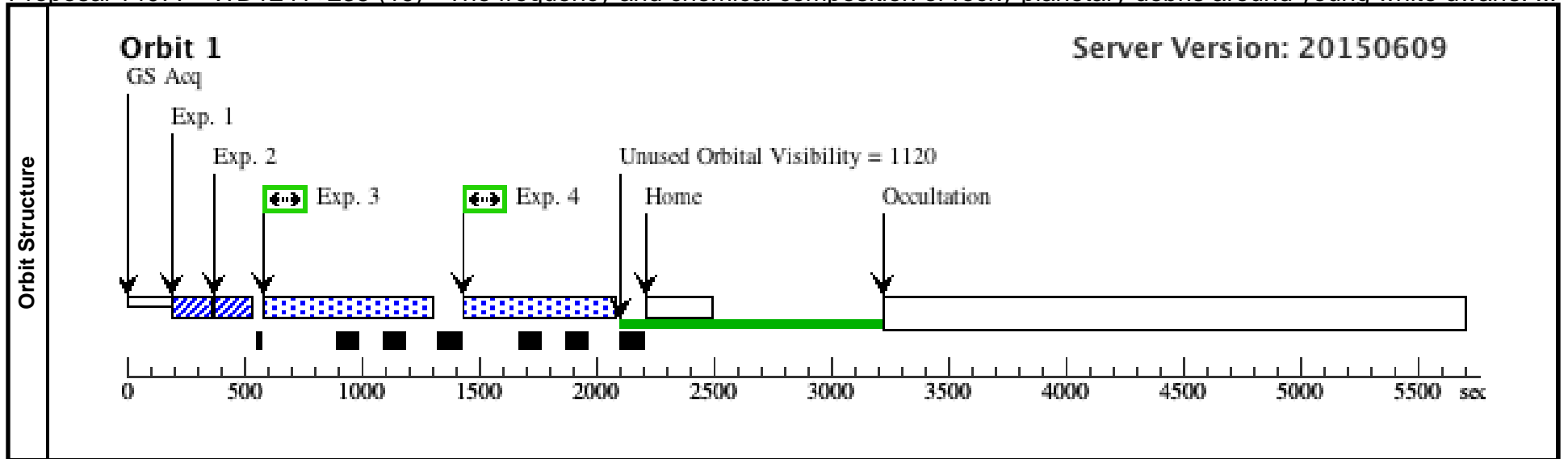
Visit	Proposal 14077, HE1247-1130 (18), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(HE1247-1130 (18)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (HE1247-1130 (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			
	(18)	HE1247-1130	RA: 12 49 54.1800 (192.4757500d) Dec: -11 46 59.40 (-11.78317d) Equinox: J2000	Proper Motion RA: -9.050004 mas/yr Proper Motion Dec: -42.879963 mas/yr Epoch of Position: 2000.0	V=15.332+/-0.032 GALEX FUV=14.03 GALEX N UV=14.4	Reference Frame: ICRS				
<i>Comments: Teff=28110 logg=7.84 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 949)	(18) HE1247-1130	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 949)	(18) HE1247-1130	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 950)	(18) HE1247-1130	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=23 0; FLASH=YES; FP-POS=1			500 Secs (500 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 950)	(18) HE1247-1130	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=4			500 Secs (500 Secs) [==>]	[1]



Proposal 14077 - WD1241+235 (19) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

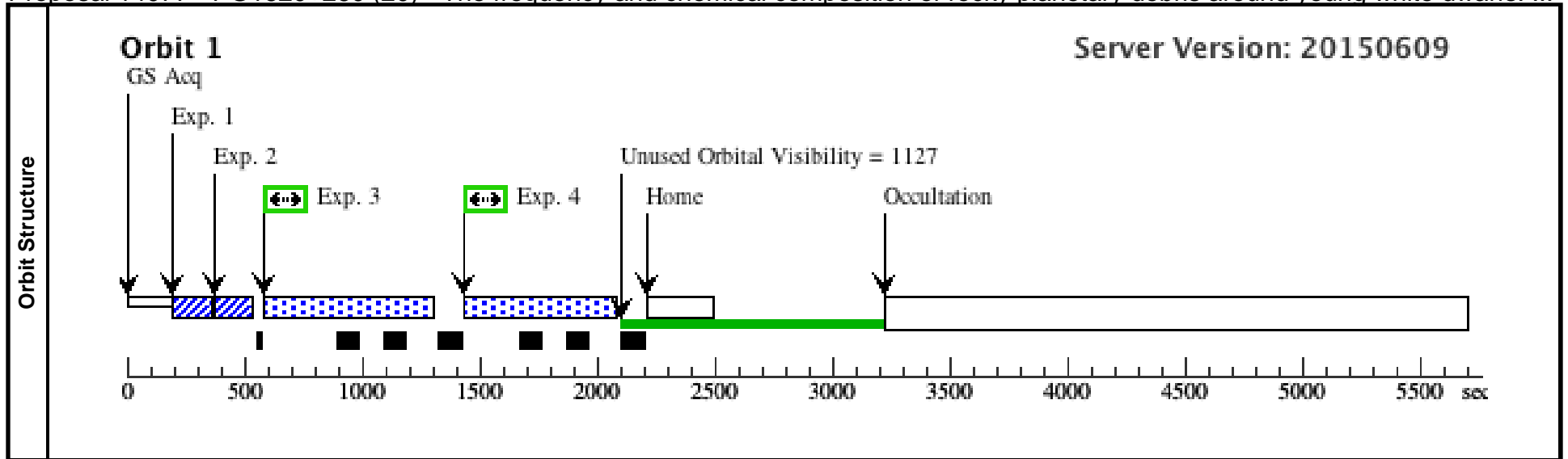
Visit	Proposal 14077, WD1241+235 (19), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1241+235 (19)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD1241+235 (19)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(19)	WD1241+235	RA: 12 44 16.5600 (191.0690000d) Dec: +23 14 10.30 (23.23619d) Equinox: J2000	Proper Motion RA: 12.300013 mas/yr Proper Motion Dec: -11.52 mas/yr Epoch of Position: 2000.0	V=15.667+/-0.154 GALEX FUV=14.11 GALEX N UV=14.7	Reference Frame: ICRS				
Comments: Teff=26982 logg=7.772 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 959)	(19) WD1241+235	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 959)	(19) WD1241+235	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 960)	(19) WD1241+235	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=1			600 Secs (600 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 960)	(19) WD1241+235	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=4			600 Secs (600 Secs) [==>]	[1]



Proposal 14077 - PG1620+260 (20) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

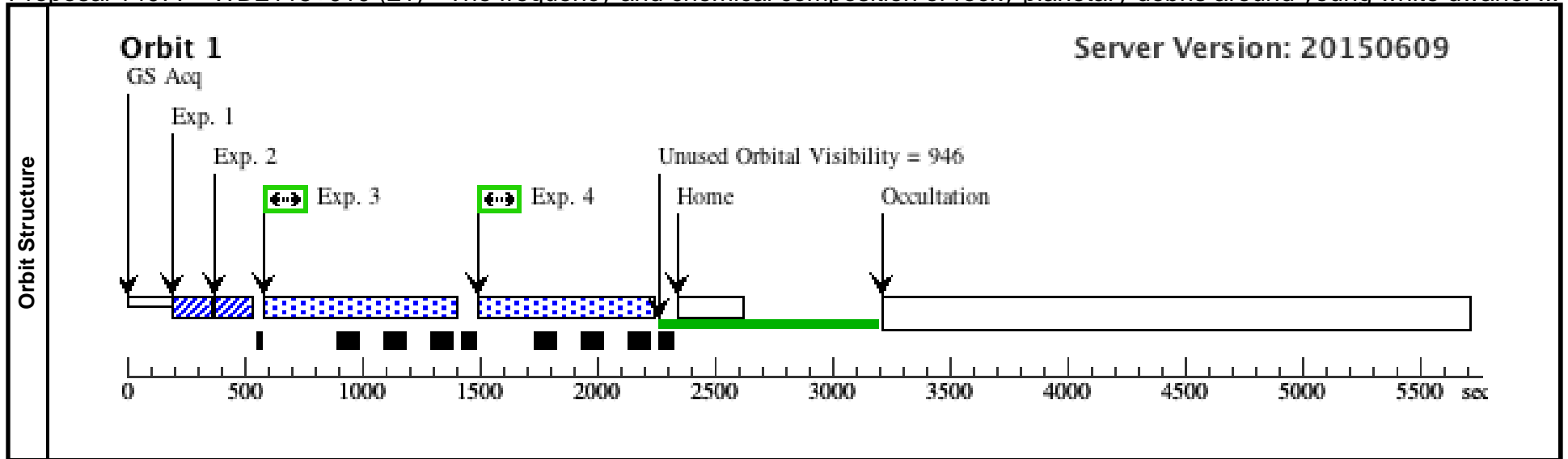
Visit	Proposal 14077, PG1620+260 (20), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(PG1620+260 (20)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (PG1620+260 (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.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(20)	PG1620+260	RA: 16 22 34.5600 (245.6440000d) Dec: +25 55 17.60 (25.92156d) Equinox: J2000		Proper Motion RA: -63.110157 mas/yr Proper Motion Dec: -110.220116 mas/yr Epoch of Position: 2000.0		V=15.565+/-0.082 GALEX FUV=14.12 GALEX N UV=14.54	Reference Frame: ICRS			
<i>Comments: Teff=28290 logg=7.78 Extended=NO</i>											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sa.624 961)	(20) PG1620+260	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.624 961)	(20) PG1620+260	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 962)	(20) PG1620+260	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=1			600 Secs (600 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 962)	(20) PG1620+260	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=4			600 Secs (600 Secs) [==>]		[1]



Proposal 14077 - WD2115+010 (21) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

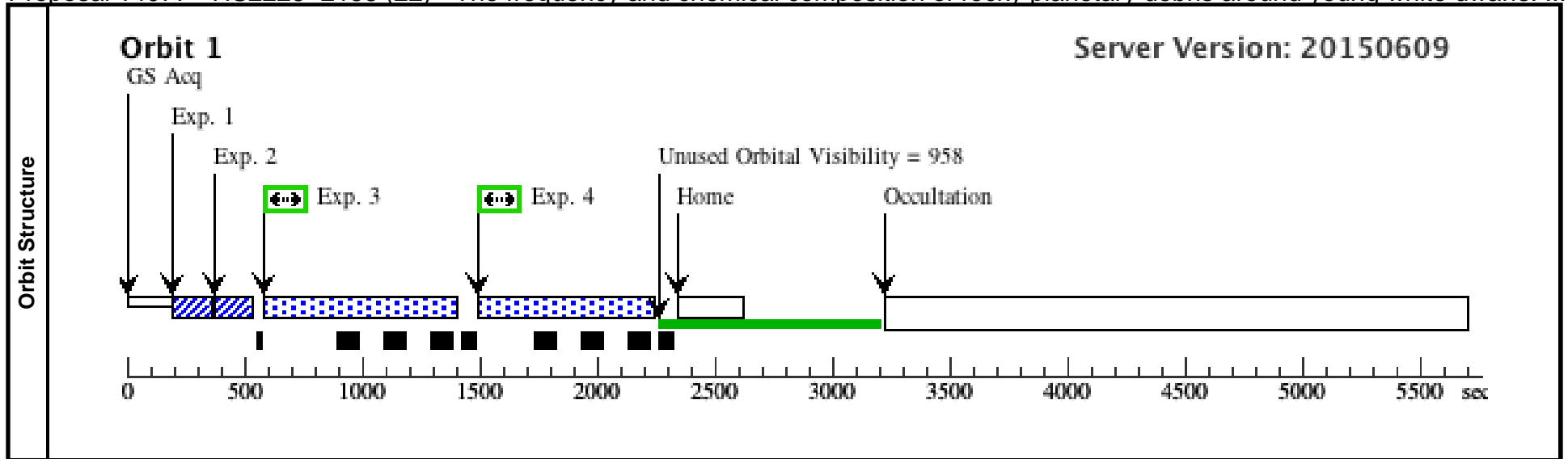
Visit	Proposal 14077, WD2115+010 (21), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(WD2115+010 (21)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (WD2115+010 (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.								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(21)	WD2115+010	RA: 21 17 33.5100 (319.3896250d) Dec: +01 15 48.70 (1.26353d) Equinox: J2000	Proper Motion RA: 10.050013 mas/yr Proper Motion Dec: 33.660004 mas/yr Epoch of Position: 2000.0	V=15.592+/-0.081 GALEX FUV=14.31 GALEX N UV=14.75	Reference Frame: ICRS				
<i>Comments: Teff=25815 logg=7.755 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 990)	(21) WD2115+010	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 990)	(21) WD2115+010	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 991)	(21) WD2115+010	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=1			700 Secs (700 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 991)	(21) WD2115+010	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=4			700 Secs (700 Secs) [==>]	[1]



Proposal 14077 - HS2225+2158 (22) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

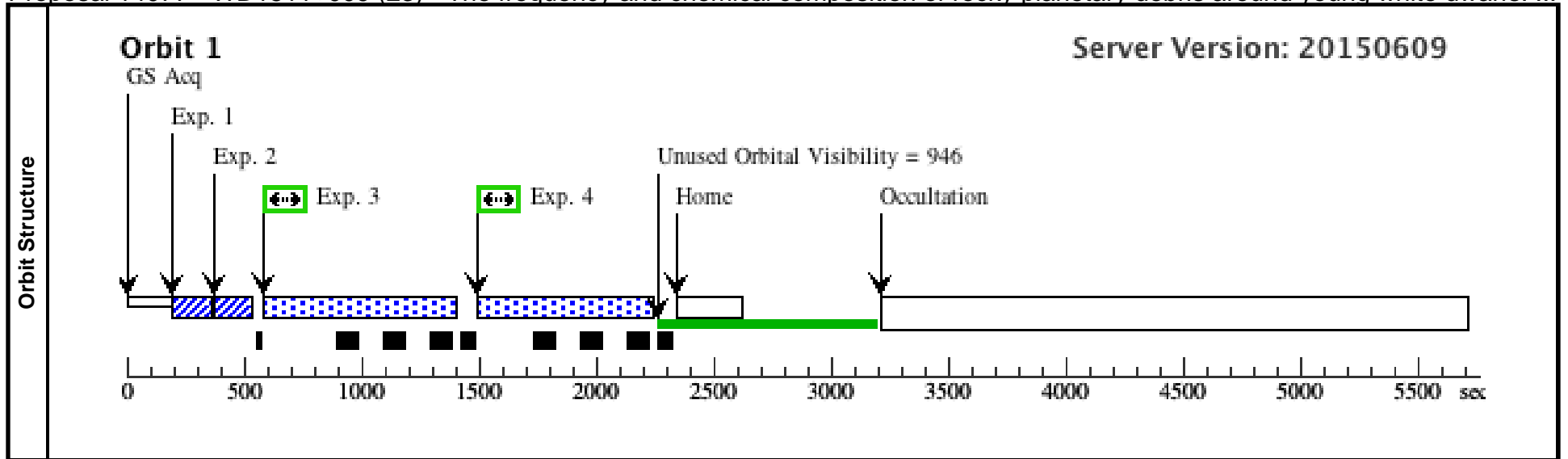
Visit	Proposal 14077, HS2225+2158 (22), completed Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(HS2225+2158 (22)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (HS2225+2158 (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.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(22)	HS2225+2158	RA: 22 28 11.4900 (337.0478750d) Dec: +22 14 15.20 (22.23756d) Equinox: J2000	Proper Motion RA: -56.959915 mas/yr Proper Motion Dec: -52.84008 mas/yr Epoch of Position: 2000.0	V=15.813+/-0.057 GALEX FUV=14.34 GALEX N UV=14.96	Reference Frame: ICRS				
Comments: <i>Teff=25989 logg=7.856</i> Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.624 992)	(22) HS2225+2158	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.624 992)	(22) HS2225+2158	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 994)	(22) HS2225+2158	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=1			700 Secs (700 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 994)	(22) HS2225+2158	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=4			700 Secs (700 Secs) [==>]	[1]



Proposal 14077 - WD1511+009 (23) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

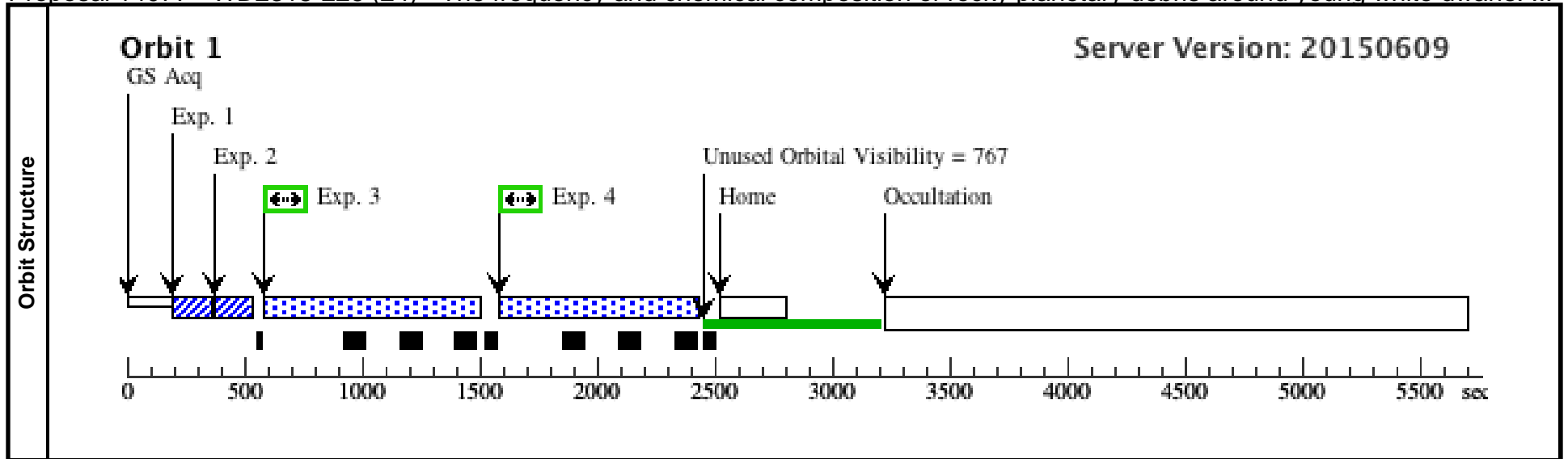
Visit	Proposal 14077, WD1511+009 (23), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1511+009 (23)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD1511+009 (23)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(23)	WD1511+009	RA: 15 14 21.2700 (228.5886250d) Dec: +00 47 52.90 (.79803d) Equinox: J2000	Proper Motion RA: 2.7399995 mas/yr Proper Motion Dec: -24.329988 mas/yr Epoch of Position: 2000.0	V=15.938+/-0.114 GALEX FUV=14.39 GALEX N UV=15.02	Reference Frame: ICRS				
Comments: Teff=28041 logg=7.822 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sp.624 996)	(23) WD1511+009	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sp.624 996)	(23) WD1511+009	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.624 998)	(23) WD1511+009	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=1			700 Secs (700 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.624 998)	(23) WD1511+009	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=4			700 Secs (700 Secs) [==>]	[1]



Proposal 14077 - WD2318-226 (24) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

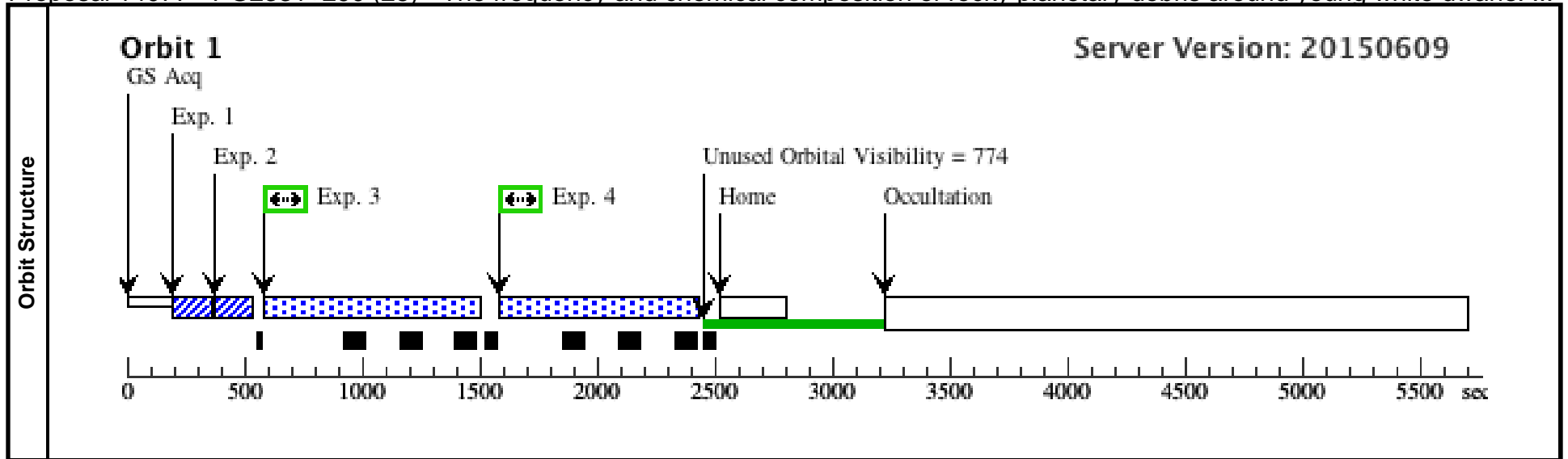
Visit	Proposal 14077, WD2318-226 (24), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(WD2318-226 (24)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (WD2318-226 (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.								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(24)	WD2318-226	RA: 23 21 26.3500 (350.3597917d) Dec: -22 20 21.60 (-22.33933d) Equinox: J2000	Proper Motion RA: -2.3600016 mas/yr Proper Motion Dec: -40.929844 mas/yr Epoch of Position: 2000.0	V=16.05+/-0.05 GALEX FUV=14.56 GALEX N UV=15.05	Reference Frame: ICRS				
Comments: Teff=29851 logg=7.89 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 018)	(24) WD2318-226	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 018)	(24) WD2318-226	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 019)	(24) WD2318-226	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=23 5; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 019)	(24) WD2318-226	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=23 5; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - PG2331+290 (25) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

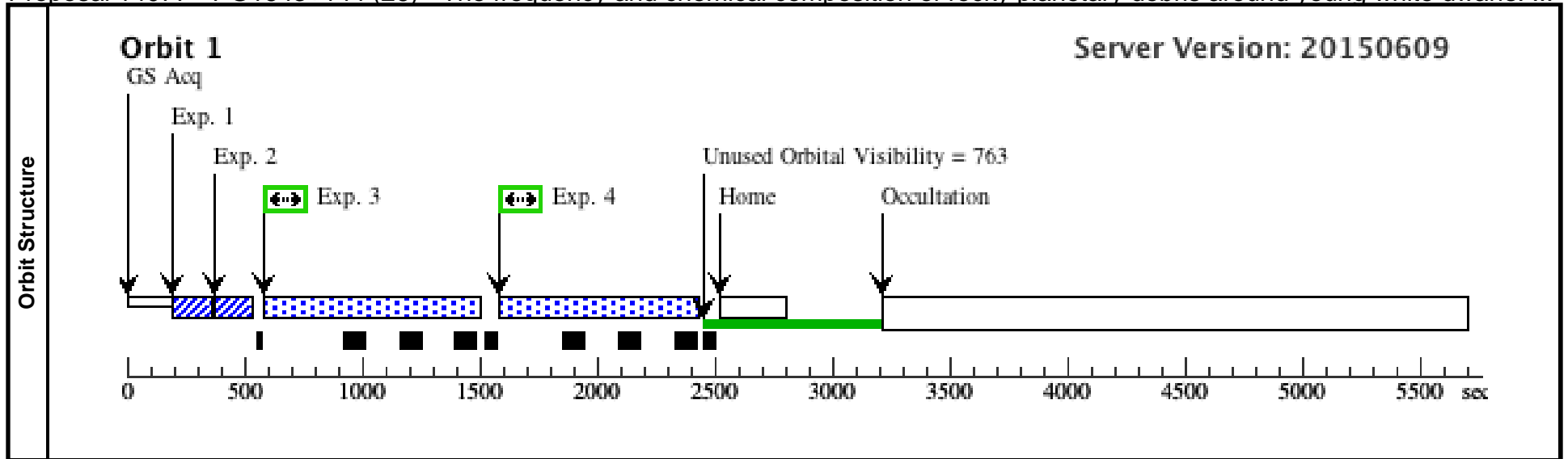
Visit	Proposal 14077, PG2331+290 (25), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(PG2331+290 (25)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (PG2331+290 (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.								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(25)	PG2331+290	RA: 23 34 20.8600 (353.5869167d) Dec: +29 18 37.00 (29.31028d) Equinox: J2000	Proper Motion RA: -71.84016 mas/yr Proper Motion Dec: -133.84009 mas/yr Epoch of Position: 2000.0	V=15.751+/-0.075 GALEX FUV=14.57 GALEX N UV=14.86	Reference Frame: ICRS				
<i>Comments: Teff=27320 logg=7.48 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 022)	(25) PG2331+290	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 022)	(25) PG2331+290	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 023)	(25) PG2331+290	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=23 5; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 023)	(25) PG2331+290	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=23 5; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - PG1643+144 (26) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

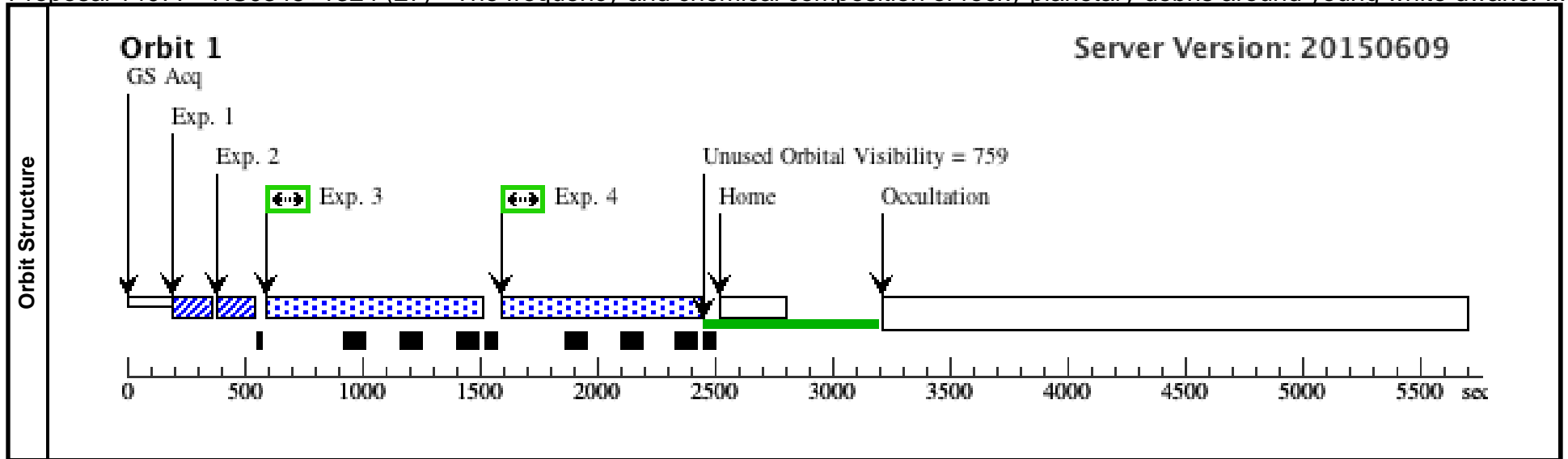
Visit	Proposal 14077, PG1643+144 (26), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(PG1643+144 (26)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (PG1643+144 (26)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(26)	PG1643+144	RA: 16 45 39.1400 (251.4130833d) Dec: +14 17 46.20 (14.29617d) Equinox: J2000	Proper Motion RA: 42.019924 mas/yr Proper Motion Dec: 64.320114 mas/yr Epoch of Position: 2000.0	V=15.373+/-0.065 GALEX FUV=14.75 GALEX N UV=15.28	Reference Frame: ICRS					
Comments: Teff=26850 logg=7.91 Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	ACQ/PEAK XD (COS.sa.625 036)	(26) PG1643+144	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]	
	Comments: This WD has a wide M-dwarf companion that contributes to the visual flux - hence, the WD model pinned to the V-band over-predicts the GALEX fluxes. For this object, I adopt the GALEX fluxes as the most reliable estimate of the UV flux.										
	2	ACQ/PEAK D (COS.sa.625 036)	(26) PG1643+144	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A		STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	Comments: This WD has a wide M-dwarf companion that contributes to the visual flux - hence, the WD model pinned to the V-band over-predicts the GALEX fluxes. For this object, I adopt the GALEX fluxes as the most reliable estimate of the UV flux.										
3	COS/G130 M FP-POS=1 (COS.sp.625 039)	(26) PG1643+144	COS/FUV, TIME-TAG, PSA	G130M 1291 A		BUFFER-TIME=23 5; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]	
Comments: This WD has a wide M-dwarf companion that contributes to the visual flux - hence, the WD model pinned to the V-band over-predicts the GALEX fluxes. For this object, I adopt the GALEX fluxes as the most reliable estimate of the UV flux.											
4	COS/G130 M FP-POS=4 (COS.sp.625 039)	(26) PG1643+144	COS/FUV, TIME-TAG, PSA	G130M 1291 A		BUFFER-TIME=23 5; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]	
Comments: This WD has a wide M-dwarf companion that contributes to the visual flux - hence, the WD model pinned to the V-band over-predicts the GALEX fluxes. For this object, I adopt the GALEX fluxes as the most reliable estimate of the UV flux.											



Proposal 14077 - HS0345+1324 (27) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

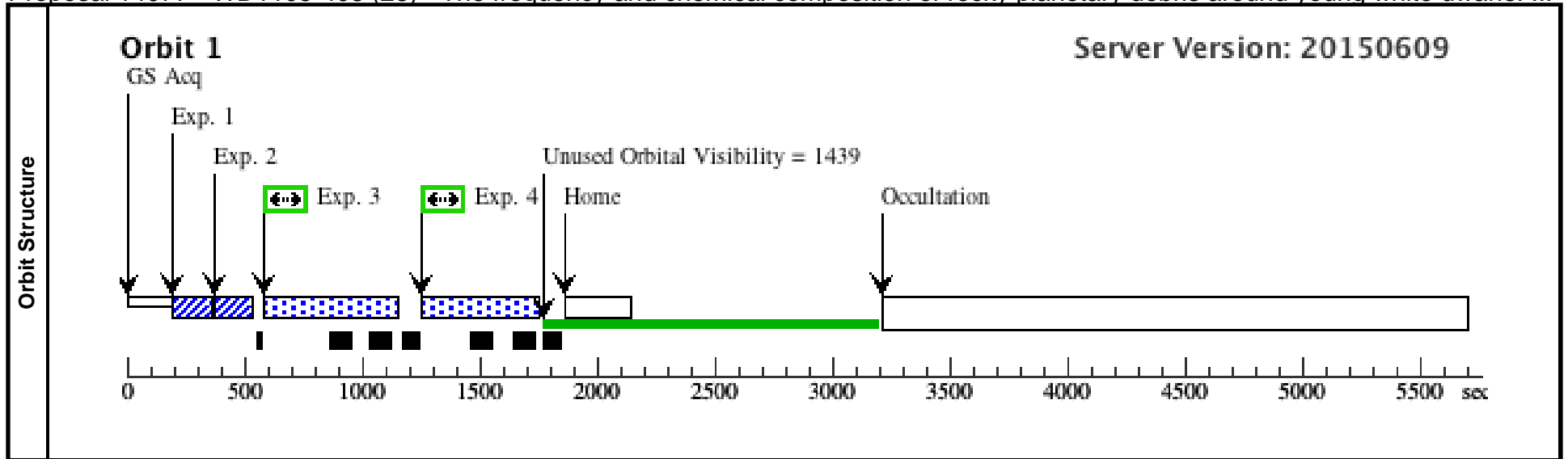
Visit	Proposal 14077, HS0345+1324 (27), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(HS0345+1324 (27)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (HS0345+1324 (27)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(27)	HS0345+1324	RA: 03 48 39.5800 (57.1649167d) Dec: +13 33 29.10 (13.55808d) Equinox: J2000	Proper Motion RA: -20.450016 mas/yr Proper Motion Dec: -0.6199992 mas/yr Epoch of Position: 2000.0	V=16.086+/-0.12 GALEX FUV=14.95 GALEX N UV=15.4	Reference Frame: ICRS				
Comments: $T_{\text{eff}}=25064$ $\log g=8.182$ Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 071)	(27) HS0345+1324	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1.5 Secs (1.5 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 071)	(27) HS0345+1324	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1.5 Secs (1.5 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 073)	(27) HS0345+1324	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=23 5; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 073)	(27) HS0345+1324	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=23 5; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - WD1105-408 (28) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

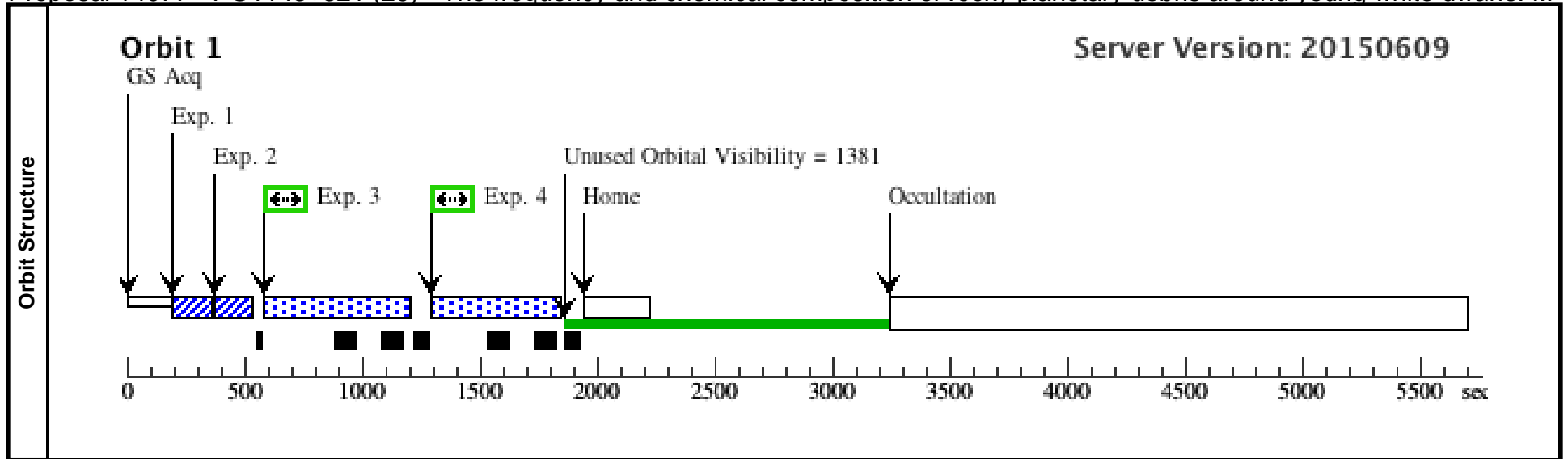
Visit	Proposal 14077, WD1105-408 (28), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(WD1105-408 (28)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD1105-408 (28)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.										
Diagnosics											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(28)	WD1105-048	RA: 11 07 59.9500 (166.9997917d) Dec: -05 09 26.10 (-5.15725d) Equinox: J2000	Proper Motion RA: -55.289883 mas/yr Proper Motion Dec: -437.6988 mas/yr Epoch of Position: 2000.0	V=13.4+/-0.1 GALEX FUV=13.32 GALEX N UV=13.76	Reference Frame: ICRS					
Comments: Teff=15995 logg=7.753 Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sa.625 097)	(28) WD1105-048	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.625 097)	(28) WD1105-048	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 099)	(28) WD1105-048	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 3; FLASH=YES; FP-POS=1			450 Secs (450 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 099)	(28) WD1105-048	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 3; FLASH=YES; FP-POS=4			450 Secs (450 Secs) [==>]		[1]



Proposal 14077 - PG1143+321 (29) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

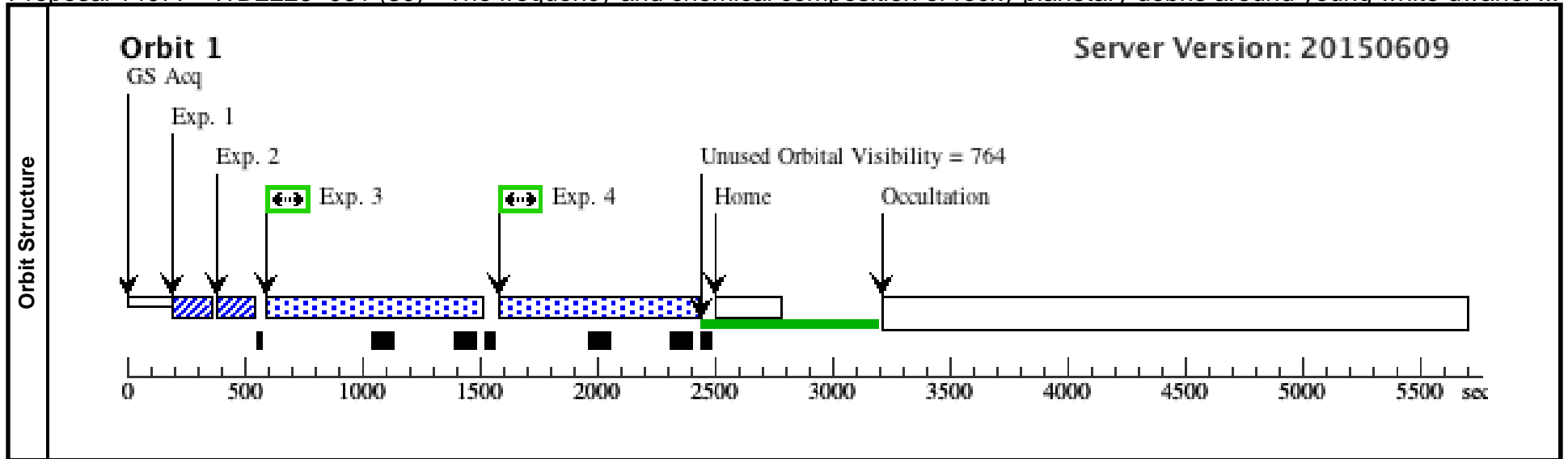
Visit	Proposal 14077, PG1143+321 (29), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(PG1143+321 (29)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (PG1143+321 (29)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(29)	PG1143+321	RA: 11 45 56.6600 (176.4860833d) Dec: +31 49 30.70 (31.82519d) Equinox: J2000	Proper Motion RA: -150.59016 mas/yr Proper Motion Dec: -257.68008 mas/yr Epoch of Position: 2000.0	V=13.439+/-0.1 GALEX FUV=13.61 GALEX N UV=13.69	Reference Frame: ICRS				
Comments: Teff=14940 logg=7.93 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 102)	(29) PG1143+321	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 102)	(29) PG1143+321	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 103)	(29) PG1143+321	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=19 8; FLASH=YES; FP-POS=1			500 Secs (500 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 103)	(29) PG1143+321	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=19 8; FLASH=YES; FP-POS=4			500 Secs (500 Secs) [==>]	[1]



Proposal 14077 - WD2226+061 (30) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

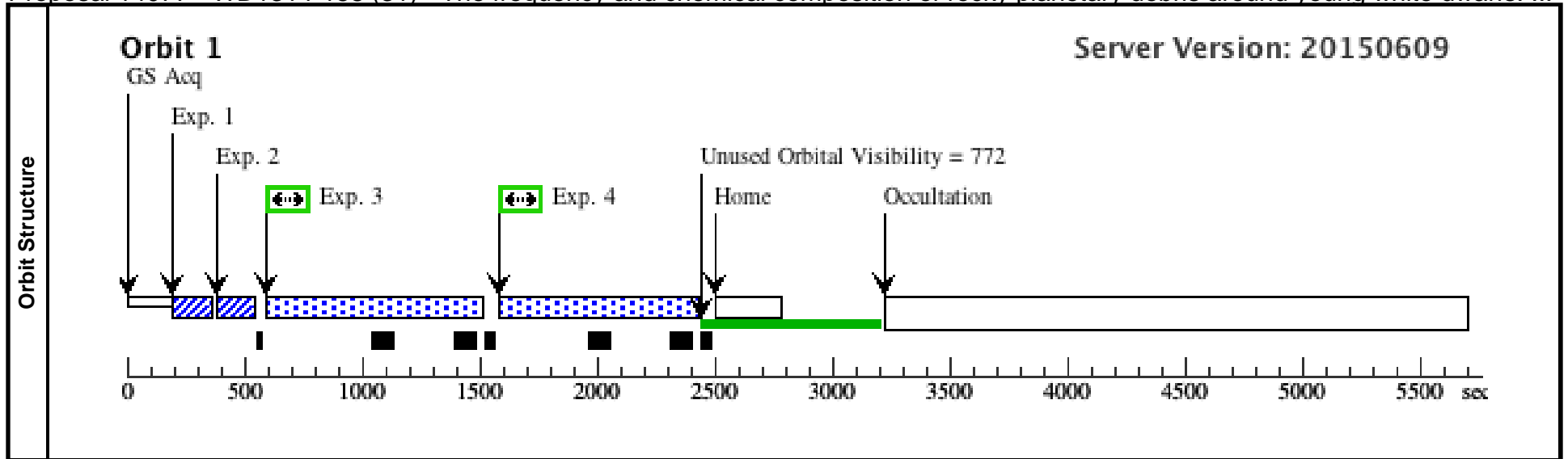
Visit	Proposal 14077, WD2226+061 (30), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(WD2226+061 (30)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (WD2226+061 (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.								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(30)	WD2226+061	RA: 22 29 8.5700 (337.2857083d) Dec: +06 22 47.60 (6.37989d) Equinox: J2000	Proper Motion RA: -182.67982 mas/yr Proper Motion Dec: -104.24016 mas/yr Epoch of Position: 2000.0	V=14.826+/-0.036 GALEX FUV=14.54 GALEX N UV=14.61	Reference Frame: ICRS				
<i>Comments: Teff=16429 logg=7.655 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 147)	(30) WD2226+061	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1.5 Secs (1.5 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 147)	(30) WD2226+061	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1.5 Secs (1.5 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 150)	(30) WD2226+061	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 150)	(30) WD2226+061	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - WD1314-158 (31) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

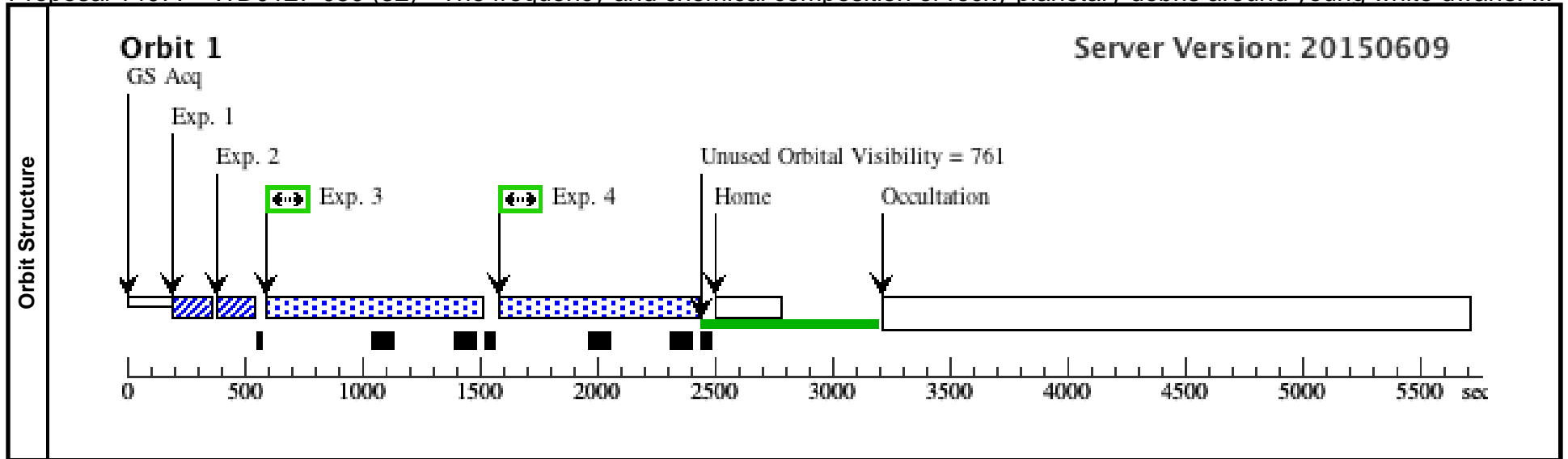
Visit	Proposal 14077, WD1314-158 (31), completed Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	Diagnostics	(WD1314-158 (31)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (WD1314-158 (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				
	(31)	WD1314-153	RA: 13 16 43.6000 (199.1816667d) Dec: -15 35 58.30 (-15.59953d) Equinox: J2000	Proper Motion RA: -226.34999 mas/yr Proper Motion Dec: -669.53156 mas/yr Epoch of Position: 2000.0	V=14.86+/-0.1 GALEX FUV=14.59 GALEX N UV=14.79	Reference Frame: ICRS					
<i>Comments: Teff=16152 logg=7.72 Extended=NO</i>											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	ACQ/PEAK XD (COS.sa.625 152)	(31) WD1314-153	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1.5 Secs (1.5 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.625 152)	(31) WD1314-153	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1.5 Secs (1.5 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 151)	(31) WD1314-153	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 151)	(31) WD1314-153	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]		[1]



Proposal 14077 - WD0127-050 (32) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

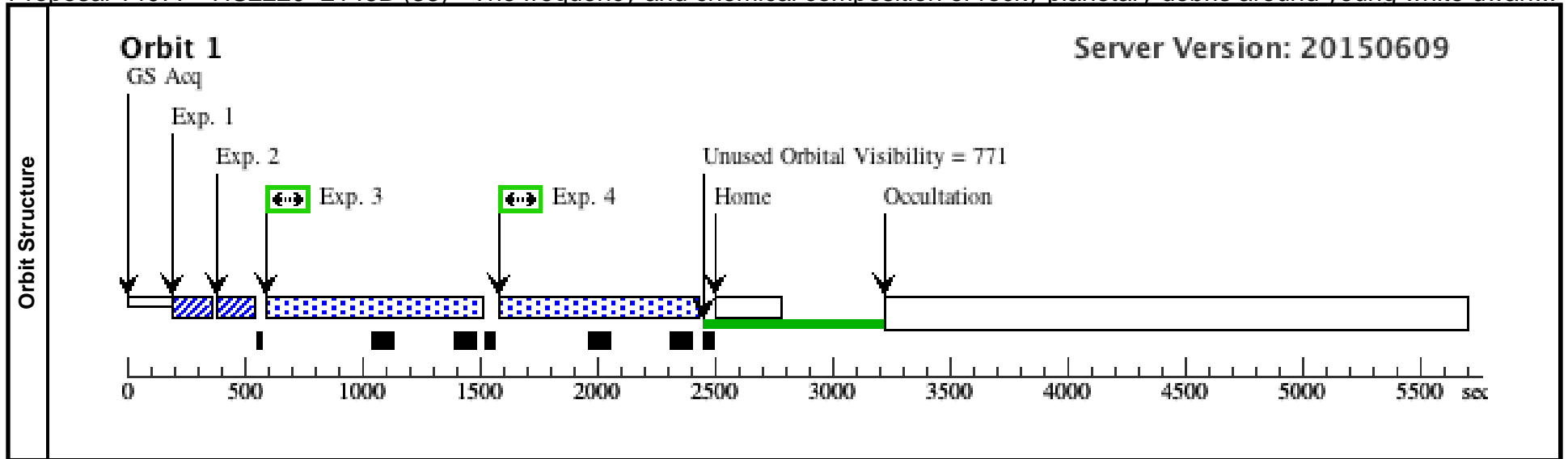
Visit	Proposal 14077, WD0127-050 (32), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0127-050 (32)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD0127-050 (32)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(32)	WD0127-050	RA: 01 30 23.0300 (22.5959583d) Dec: -04 47 57.90 (-4.79942d) Equinox: J2000	Proper Motion RA: -205.3 mas/yr Proper Motion Dec: -243.8 mas/yr Epoch of Position: 2000.0		V=14.914+/-0.069 GALEX FUV=14.61 GALEX N UV=14.8	Reference Frame: ICRS			
Comments: Teff=16718 logg=7.784 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 155)	(32) WD0127-050	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1.5 Secs (1.5 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 155)	(32) WD0127-050	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1.5 Secs (1.5 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 156)	(32) WD0127-050	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 156)	(32) WD0127-050	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - HS2220+2146B (33) - The frequency and chemical composition of rocky planetary debris around young white dwarf...

Thu Dec 17 02:03:04 GMT 2015

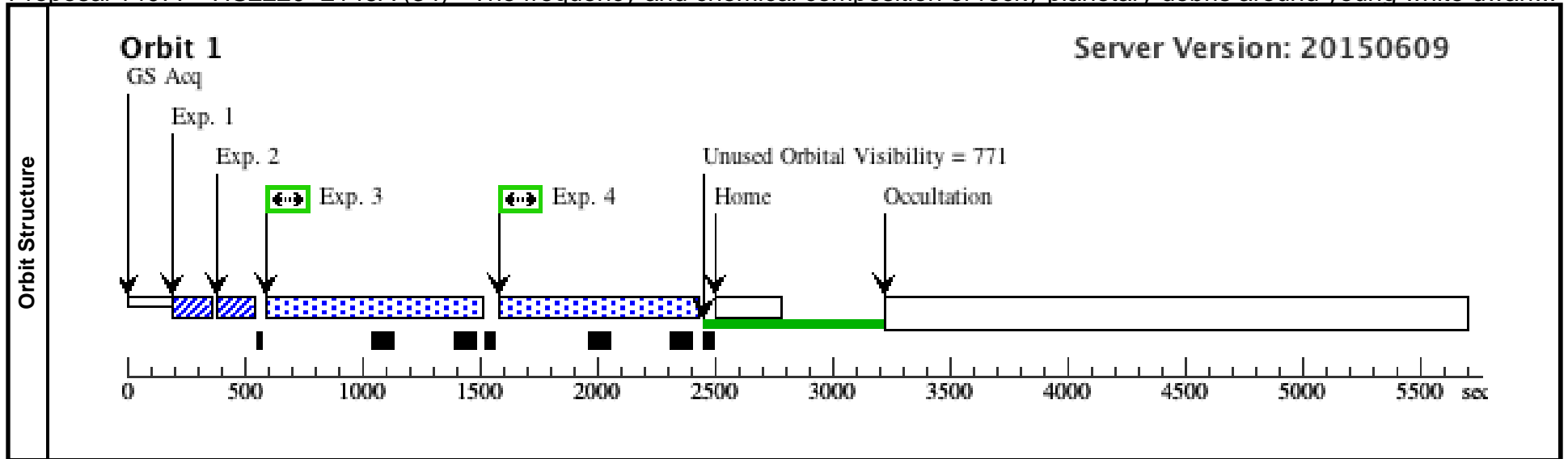
Visit	Proposal 14077, HS2220+2146B (33), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(HS2220+2146B (33)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(33)	HS2220+2146B	RA: 22 23 1.6530 (335.7568875d) Dec: +22 01 30.96 (22.02527d) Equinox: J2000	Proper Motion RA: 23.36 mas/yr Proper Motion Dec: -6.7899957 mas/yr Epoch of Position: 2014.8	V=15.216+/-0.095 GALEX FUV=14.85 GALEX N UV=14.94	Reference Frame: ICRS					
Comments: Teff=18743logg=8.241 Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	ACQ/PEAK XD (COS.sa.625 159)	(33) HS2220+2146B	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) [==>]	[1]	
	Comments: This is component B of a common proper motion pair of two white dwarfs. GALEX did not resolve them, and reports only one flux. For the acquisition, I adopt a pessimistically low UV flux (half the GALEX flux), and for the spectroscopy, I adopt the observed GALEX flux, i.e. optimistically large, to estimate the BUFFER TIME.										
	2	ACQ/PEAK D (COS.sa.625 159)	(33) HS2220+2146B	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A		STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2 Secs (2 Secs) [==>]	[1]
	Comments: This is component B of a common proper motion pair of two white dwarfs. GALEX did not resolve them, and reports only one flux. For the acquisition, I adopt a pessimistically low UV flux (half the GALEX flux), and for the spectroscopy, I adopt the observed GALEX flux, i.e. optimistically large, to estimate the BUFFER TIME.										
3	COS/G130 M FP-POS=1 (COS.sp.625 161)	(33) HS2220+2146B	COS/FUV, TIME-TAG, PSA	G130M 1291 A		BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]	
Comments: This is component B of a common proper motion pair of two white dwarfs. GALEX did not resolve them, and reports only one flux. For the acquisition, I adopt a pessimistically low UV flux (half the GALEX flux), and for the spectroscopy, I adopt the observed GALEX flux, i.e. optimistically large, to estimate the BUFFER TIME.											
4	COS/G130 M FP-POS=4 (COS.sp.625 161)	(33) HS2220+2146B	COS/FUV, TIME-TAG, PSA	G130M 1291 A		BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]	
Comments: This is component B of a common proper motion pair of two white dwarfs. GALEX did not resolve them, and reports only one flux. For the acquisition, I adopt a pessimistically low UV flux (half the GALEX flux), and for the spectroscopy, I adopt the observed GALEX flux, i.e. optimistically large, to estimate the BUFFER TIME.											



Proposal 14077 - HS2220+2146A (34) - The frequency and chemical composition of rocky planetary debris around young white dwarf...

Thu Dec 17 02:03:04 GMT 2015

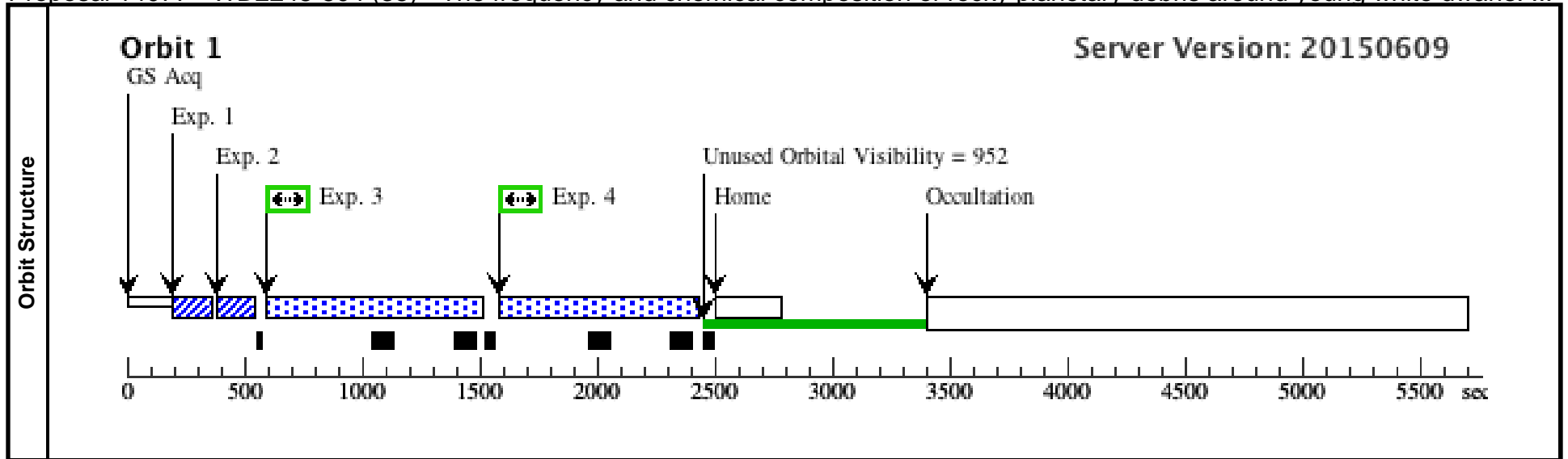
Visit	Proposal 14077, HS2220+2146A (34), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(HS2220+2146A (34)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (HS2220+2146A (34)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(34)	HS2220+2146A	RA: 22 23 1.7540 (335.7573083d) Dec: +22 01 24.55 (22.02349d) Equinox: J2000	Proper Motion RA: 43.29 mas/yr Proper Motion Dec: -44.64 mas/yr Epoch of Position: 2014.8	V=15.216+/-0.095 GALEX FUV=14.85 GALEX N UV=14.94	Reference Frame: ICRS					
Comments: Teff=14601 logg=8.08 Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	ACQ/PEAK XD (COS.sa.625 159)	(34) HS2220+2146A	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) [==>]	[1]	
	Comments: This is component A of a common proper motion pair of two white dwarfs. GALEX did not resolve them, and reports only one flux. For the acquisition, I adopt a pessimistically low UV flux (half the GALEX flux), and for the spectroscopy, I adopt the observed GALEX flux, i.e. optimistically large, to estimate the BUFFER TIME.										
	2	ACQ/PEAK D (COS.sa.625 159)	(34) HS2220+2146A	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A		STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2 Secs (2 Secs) [==>]	[1]
	Comments: This is component A of a common proper motion pair of two white dwarfs. GALEX did not resolve them, and reports only one flux. For the acquisition, I adopt a pessimistically low UV flux (half the GALEX flux), and for the spectroscopy, I adopt the observed GALEX flux, i.e. optimistically large, to estimate the BUFFER TIME.										
3	COS/G130 M FP-POS=1 (COS.sp.625 161)	(34) HS2220+2146A	COS/FUV, TIME-TAG, PSA	G130M 1291 A		BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]	
Comments: This is component A of a common proper motion pair of two white dwarfs. GALEX did not resolve them, and reports only one flux. For the acquisition, I adopt a pessimistically low UV flux (half the GALEX flux), and for the spectroscopy, I adopt the observed GALEX flux, i.e. optimistically large, to estimate the BUFFER TIME.											
4	COS/G130 M FP-POS=4 (COS.sp.625 161)	(34) HS2220+2146A	COS/FUV, TIME-TAG, PSA	G130M 1291 A		BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]	
Comments: This is component A of a common proper motion pair of two white dwarfs. GALEX did not resolve them, and reports only one flux. For the acquisition, I adopt a pessimistically low UV flux (half the GALEX flux), and for the spectroscopy, I adopt the observed GALEX flux, i.e. optimistically large, to estimate the BUFFER TIME.											



Proposal 14077 - WD2248-504 (35) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

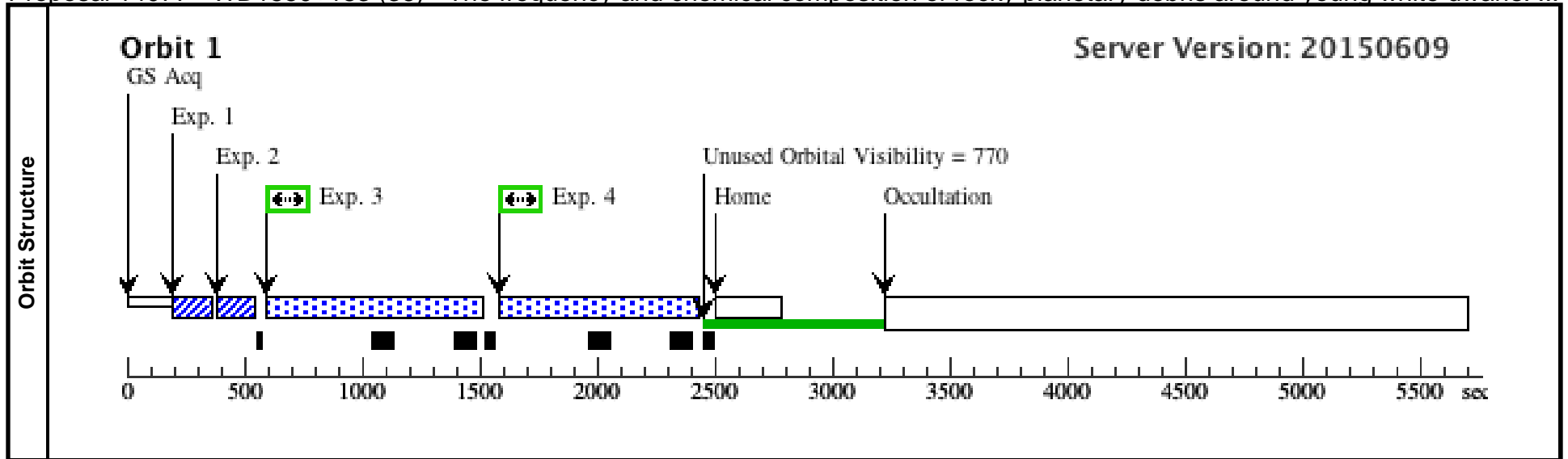
Visit	Proposal 14077, WD2248-504 (35), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(WD2248-504 (35)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (WD2248-504 (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			
	(35)	WD2248-504	RA: 22 51 2.0600 (342.7585833d) Dec: -50 11 31.50 (-50.19208d) Equinox: J2000	Proper Motion RA: 155.22984 mas/yr Proper Motion Dec: -100.320114 mas/yr Epoch of Position: 2000.0	V=15.052+/-0.016 GALEX FUV=14.91 GALEX N UV=15.03	Reference Frame: ICRS				
<i>Comments: Teff=16336 logg=7.737 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 167)	(35) WD2248-504	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 167)	(35) WD2248-504	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2 Secs (2 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 169)	(35) WD2248-504	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 169)	(35) WD2248-504	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - WD1550+183 (36) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

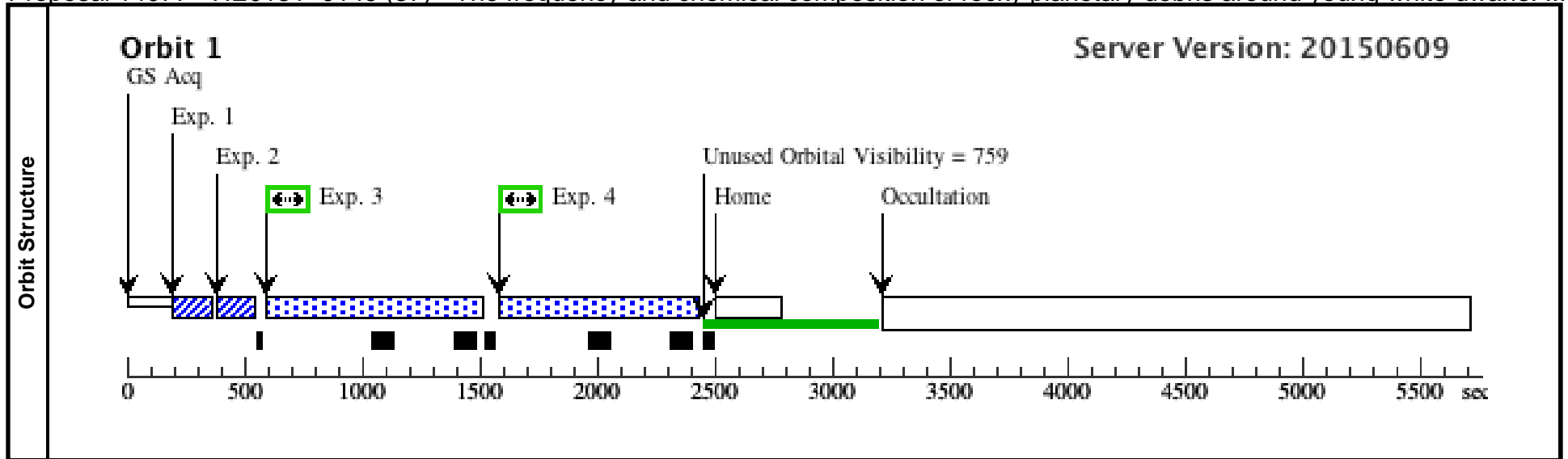
Visit	Proposal 14077, WD1550+183 (36), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(WD1550+183 (36)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD. (WD1550+183 (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.								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(36)	WD1550+183	RA: 15 52 26.3700 (238.1098750d) Dec: +18 10 18.60 (18.17183d) Equinox: J2000	Proper Motion RA: -159.05017 mas/yr Proper Motion Dec: 112.30992 mas/yr Epoch of Position: 2000.0	V=14.822+/-0.073 GALEX FUV=14.93 GALEX N UV=14.82	Reference Frame: ICRS				
<i>Comments: T_{eff}=14860 logg=8.248 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 845)	(36) WD1550+183	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 845)	(36) WD1550+183	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2 Secs (2 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 847)	(36) WD1550+183	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 847)	(36) WD1550+183	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - HE0131+0149 (37) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

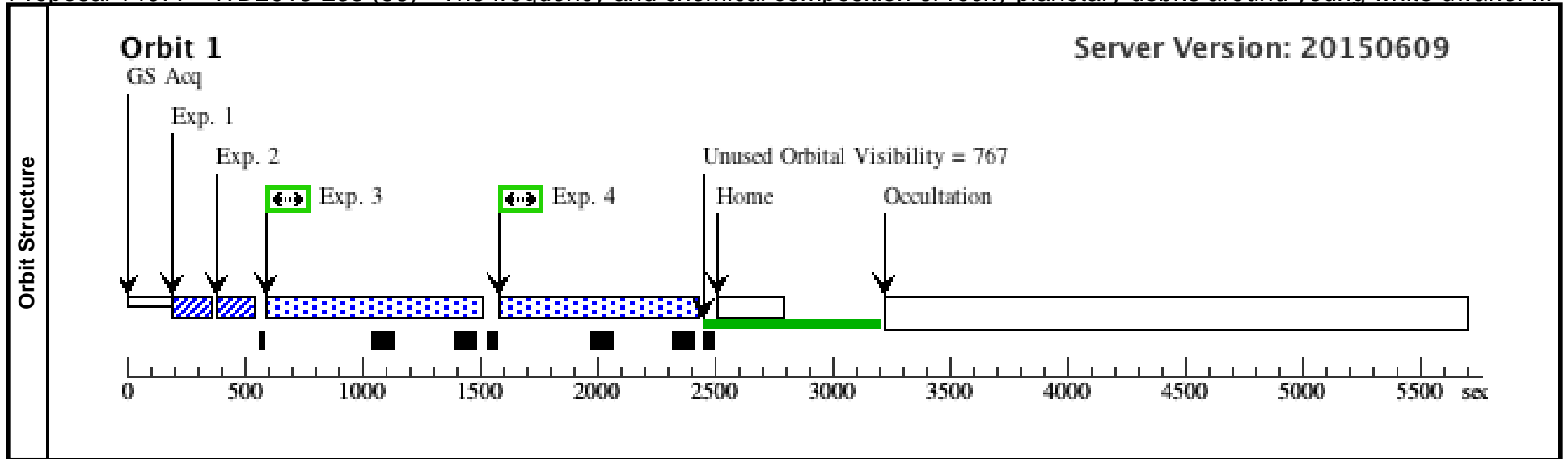
Visit	Proposal 14077, HE0131+0149 (37), completed Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	Diagnostics	(HE0131+0149 (37)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (HE0131+0149 (37)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(37)	HE0131+0149	RA: 01 34 28.4200 (23.6184167d) Dec: +02 04 22.00 (2.07278d) Equinox: J2000	Proper Motion RA: 61.66008 mas/yr Proper Motion Dec: -39.84984 mas/yr Epoch of Position: 2000.0	V=14.495+/-0.106 GALEX FUV=14.94 GALEX N UV=14.87	Reference Frame: ICRS				
	<i>Comments: T_{eff}=15228 logg=7.745 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	ACQ/PEAK XD (COS.sa.625 852)	(37) HE0131+0149	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) [==>]	[1]	
	<i>Comments: The temperature of this WD may be overestimated (the model lies a factor ~2 above the GALEX fluxes), I adopt the exposure time based on the GALEX fluxes</i>										
	2	ACQ/PEAK D (COS.sa.625 852)	(37) HE0131+0149	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A		STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2 Secs (2 Secs) [==>]	[1]
	<i>Comments: The temperature of this WD may be overestimated (the model lies a factor ~2 above the GALEX fluxes), I adopt the exposure time based on the GALEX fluxes</i>										
3	COS/G130 M FP-POS=1 (COS.sp.625 853)	(37) HE0131+0149	COS/FUV, TIME-TAG, PSA	G130M 1291 A		BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]	
4	COS/G130 M FP-POS=4 (COS.sp.625 853)	(37) HE0131+0149	COS/FUV, TIME-TAG, PSA	G130M 1291 A		BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]	



Proposal 14077 - WD2018-233 (38) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

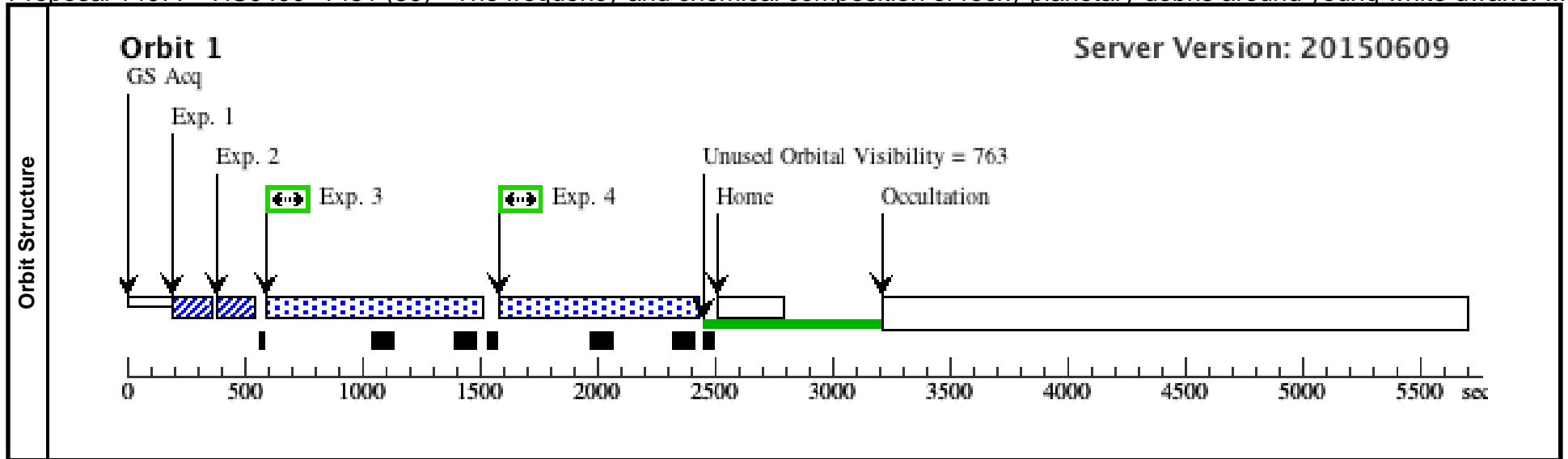
Visit	Proposal 14077, WD2018-233 (38), completed Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD2018-233 (38)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD2018-233 (38)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(38)	WD2018-233	RA: 20 21 28.7500 (305.3697917d) Dec: -23 08 30.80 (-23.14189d) Equinox: J2000	Proper Motion RA: 56.499844 mas/yr Proper Motion Dec: -40.26996 mas/yr Epoch of Position: 2000.0	V=15.038+/-0.069 GALEX FUV=15.03 GALEX N UV=15.06	Reference Frame: ICRS				
Comments: Teff=15585 logg=7.808 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 901)	(38) WD2018-233	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2.5 Secs (2.5 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 901)	(38) WD2018-233	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2.5 Secs (2.5 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 902)	(38) WD2018-233	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 902)	(38) WD2018-233	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - HS0400+1451 (39) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:04 GMT 2015

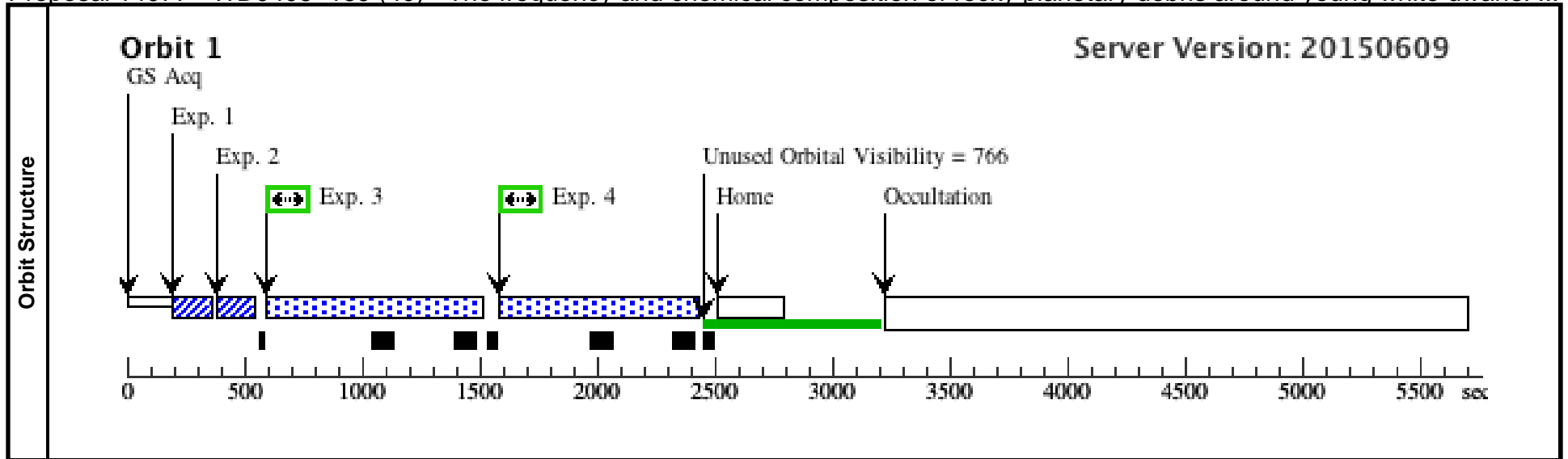
Visit	Proposal 14077, HS0400+1451 (39), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(HS0400+1451 (39)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (HS0400+1451 (39)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(39)	HS0400+1451	RA: 04 03 42.2200 (60.9259167d) Dec: +14 59 28.55 (14.99126d) Equinox: J2000	Epoch of Position: 2014.8	V=14.974+/-0.035 GALEX FUV=15.05 GALEX N UV=15.11	Reference Frame: ICRS				
Comments: $T_{eff}=14623$ $logg=8.25$ 11 Dec 2014: coordinates update from 04 03 41.7900 +14 59 30.10 to 04 03 42.22 14 59 28.55, as the proper motions in UCAC4 and PPMXL turned out to be wrong. No proper motion included as the position is based on current imaging. Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 943)	(39) HS0400+1451	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2.5 Secs (2.5 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 943)	(39) HS0400+1451	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2.5 Secs (2.5 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 945)	(39) HS0400+1451	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 945)	(39) HS0400+1451	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - WD0406+169 (40) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

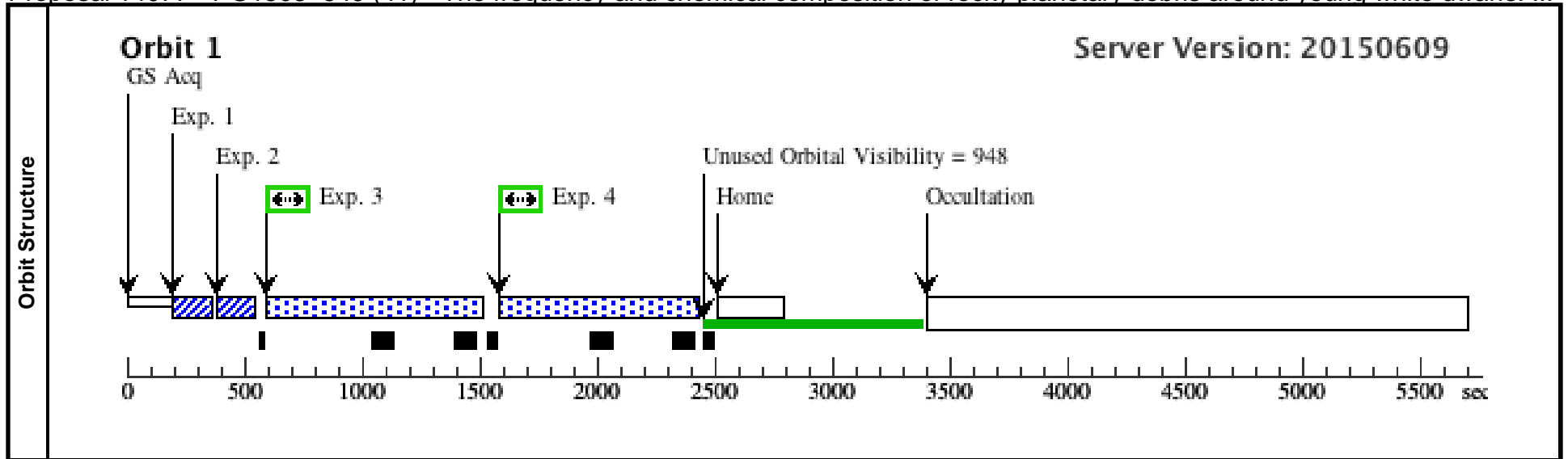
Visit	Proposal 14077, WD0406+169 (40), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0406+169 (40)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD0406+169 (40)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(40)	WD0406+169	RA: 04 09 28.9000 (62.3704167d) Dec: +17 07 54.40 (17.13178d) Equinox: J2000	Proper Motion RA: 104.64984 mas/yr Proper Motion Dec: -28.829988 mas/yr Epoch of Position: 2000.0	V=15.285+/-0.052 GALEX FUV=15.22 GALEX N UV=15.26	Reference Frame: ICRS				
Comments: $T_{\text{eff}}=16049$ $\log g=8.236$ Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 952)	(40) WD0406+169	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2.5 Secs (2.5 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 952)	(40) WD0406+169	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2.5 Secs (2.5 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 951)	(40) WD0406+169	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 951)	(40) WD0406+169	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - PG1508+549 (41) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

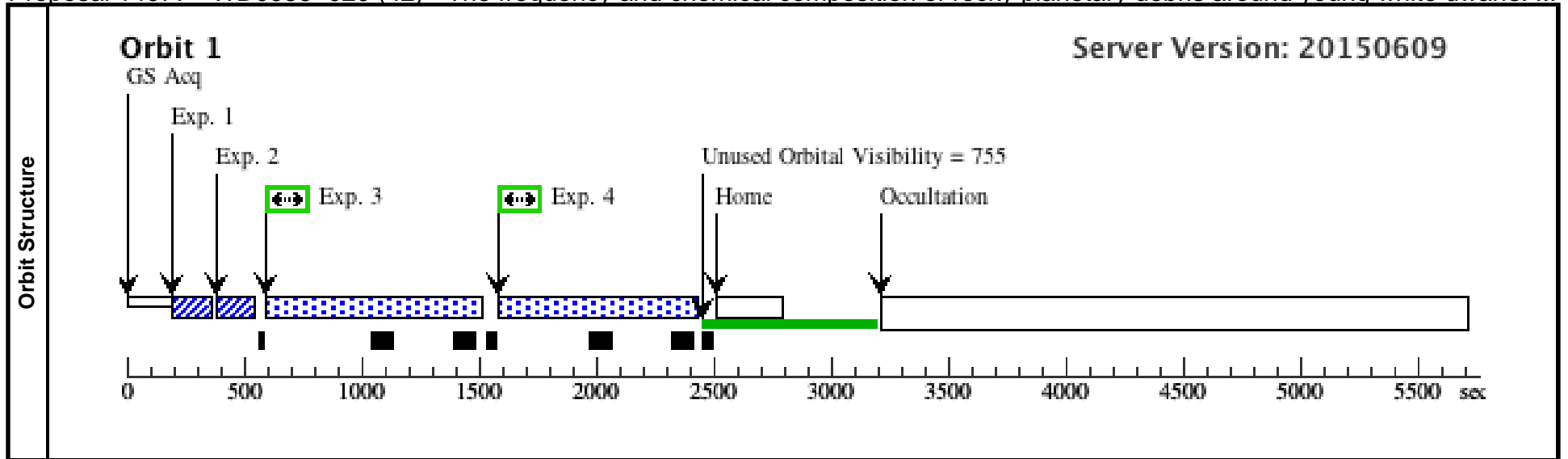
Visit	Proposal 14077, PG1508+549 (41), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	Diagnostics	(PG1508+549 (41)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (PG1508+549 (41)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.								
Fixed Targets		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
	(41)	PG1508+549	RA: 15 09 53.6800 (227.4736667d) Dec: +54 39 45.40 (54.66261d) Equinox: J2000	Proper Motion RA: -19.630007 mas/yr Proper Motion Dec: -53.30988 mas/yr Epoch of Position: 2000.0	V=15.66+/-0.056 GALEX FUV=15.34 GALEX N UV=15.51	Reference Frame: ICRS				
<i>Comments: Teff=16970 logg=7.86 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 959)	(41) PG1508+549	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2.5 Secs (2.5 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 959)	(41) PG1508+549	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2.5 Secs (2.5 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 958)	(41) PG1508+549	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 958)	(41) PG1508+549	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - WD0956+020 (42) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

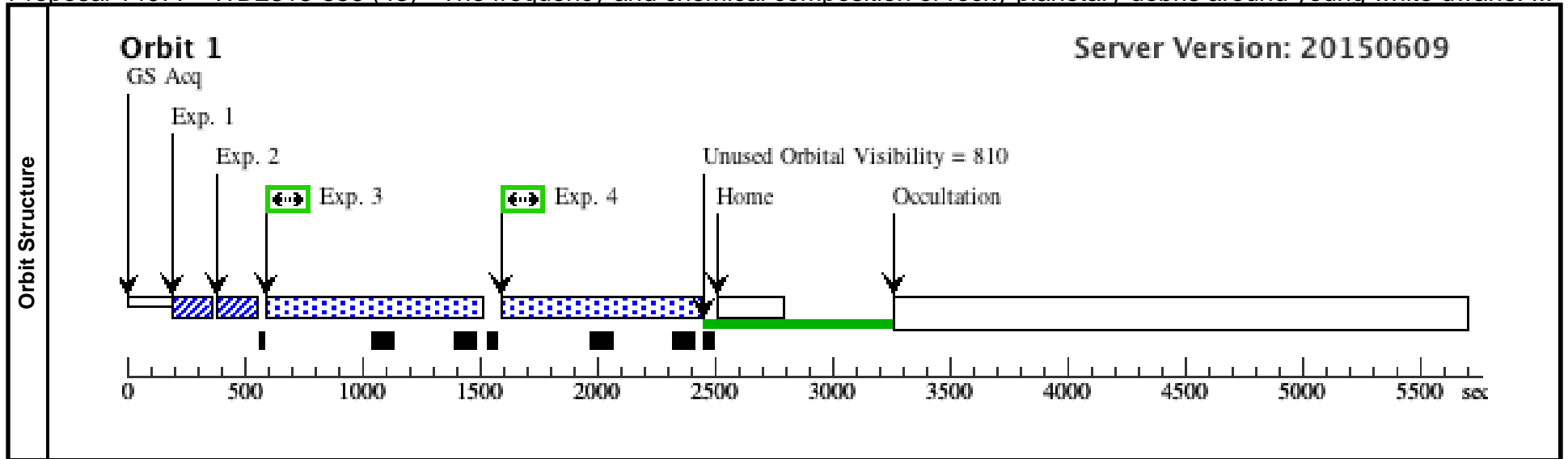
Visit	Proposal 14077, WD0956+020 (42), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0956+020 (42)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD0956+020 (42)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(42)	WD0956+020	RA: 09 58 50.5300 (149.7105417d) Dec: +01 47 24.20 (1.79006d) Equinox: J2000	Proper Motion RA: 61.589878 mas/yr Proper Motion Dec: -4.780008 mas/yr Epoch of Position: 2000.0	V=15.68+/-0.05 GALEX FUV=15.39 GALEX N UV=15.55	Reference Frame: ICRS				
<i>Comments: Teff=16495 logg=7.806 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.625 968)	(42) WD0956+020	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2.5 Secs (2.5 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.625 968)	(42) WD0956+020	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2.5 Secs (2.5 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.625 969)	(42) WD0956+020	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.625 969)	(42) WD0956+020	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - WD2318-356 (43) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

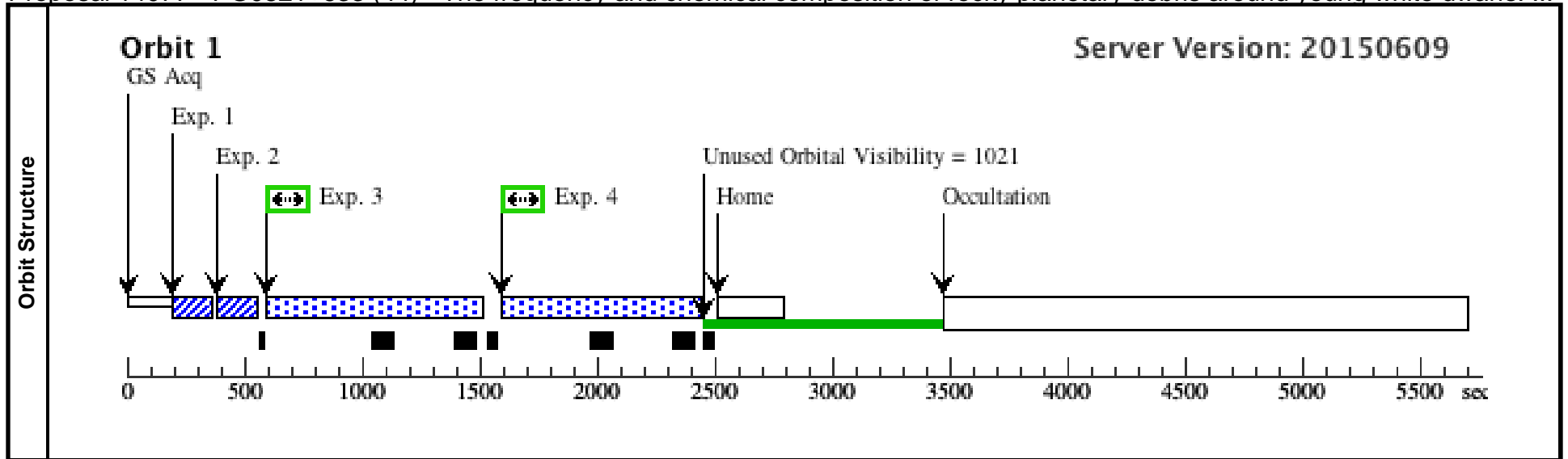
Visit	Proposal 14077, WD2318-356 (43), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(WD2318-356 (43)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (WD2318-356 (43)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.										
Diagnosics											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(43)	WD2312-356	RA: 23 15 34.9800 (348.8957500d) Dec: -35 24 51.80 (-35.41439d) Equinox: J2000	Proper Motion RA: 26.759989 mas/yr Proper Motion Dec: 11.649996 mas/yr Epoch of Position: 2000.0	V=15.47+/-0.027 GALEX FUV=15.41 GALEX N UV=15.51	Reference Frame: ICRS					
Comments: Teff=15122 logg=7.818 Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sa.626 037)	(43) WD2312-356	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.626 037)	(43) WD2312-356	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			3 Secs (3 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.626 038)	(43) WD2312-356	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.626 038)	(43) WD2312-356	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]		[1]



Proposal 14077 - PG0821+633 (44) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

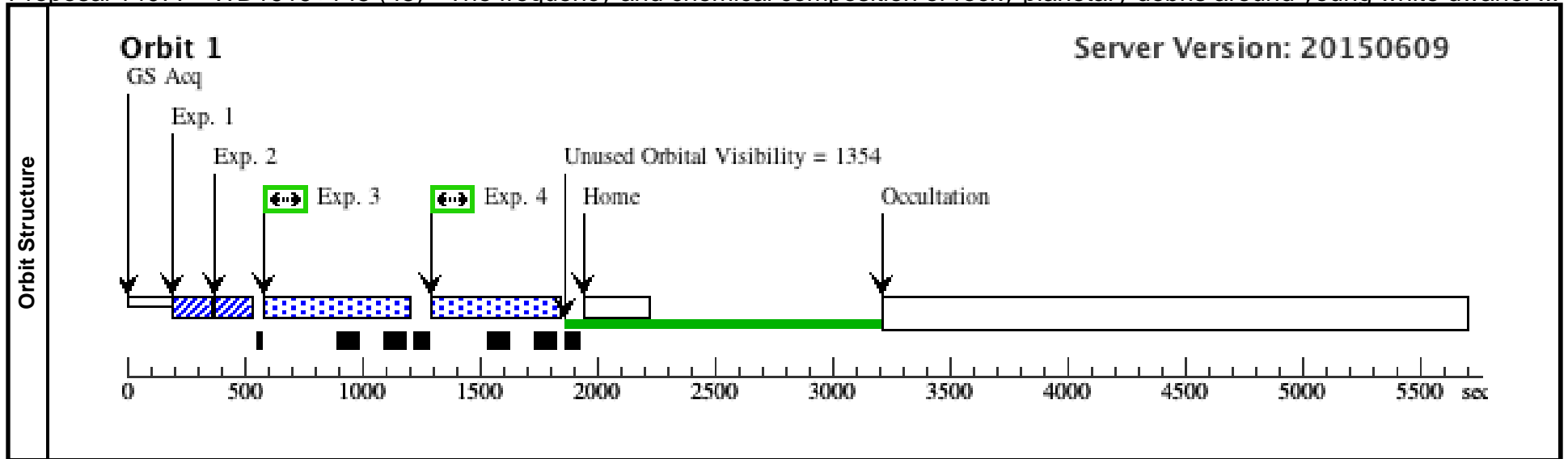
Visit	Proposal 14077, PG0821+633 (44), completed Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(PG0821+633 (44)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting. (PG0821+633 (44)) Warning (Form): If the target coordinates are not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/PEAKXD.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(44)	PG0821+633	RA: 08 25 35.4100 (126.3975417d) Dec: +63 06 53.40 (63.11483d) Equinox: J2000	Proper Motion RA: -73.46016 mas/yr Proper Motion Dec: 14.659991 mas/yr Epoch of Position: 2000.0	V=15.854+/-0.091 GALEX FUV=15.44 GALEX N UV=15.62	Reference Frame: ICRS				
<i>Comments: Teff=16770 logg=7.82 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.626 049)	(44) PG0821+633	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.626 049)	(44) PG0821+633	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			3 Secs (3 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.626 050)	(44) PG0821+633	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.626 050)	(44) PG0821+633	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 7; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - WD1919+145 (45) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

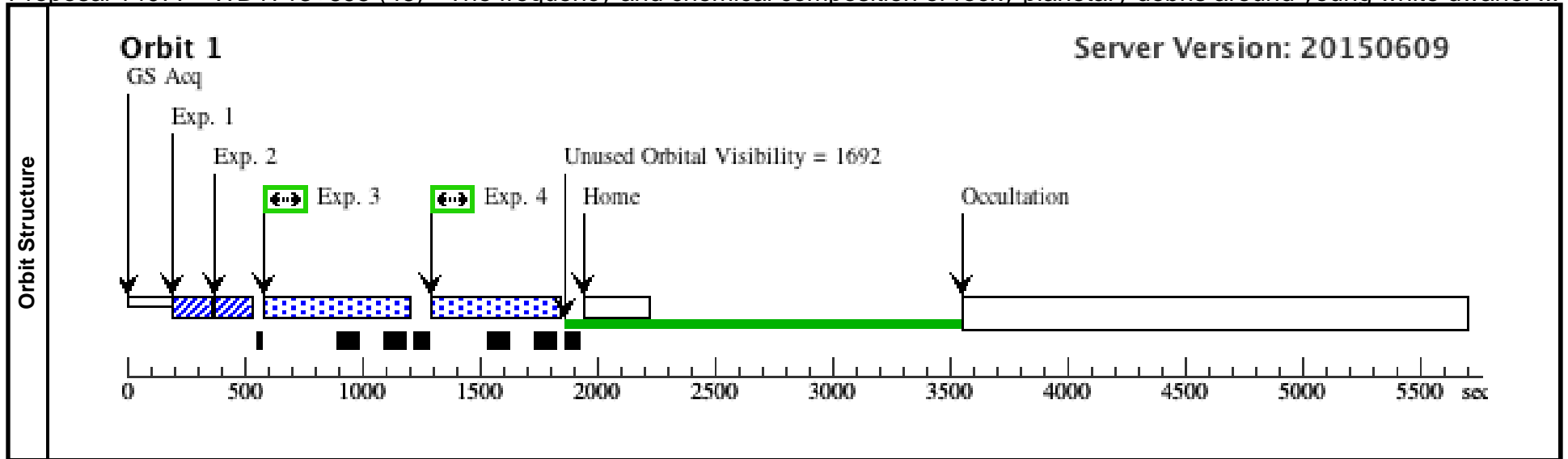
Visit	Proposal 14077, WD1919+145 (45), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1919+145 (45)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(100)	WD1919+145	RA: 19 21 40.4180 (290.4184083d) Dec: +14 40 41.41 (14.67817d) Equinox: J2000	Proper Motion RA: -28.8 mas/yr Proper Motion Dec: -67.0 mas/yr Epoch of Position: 2000.0	V=13.02+/-0.1 F(1400A)=4e-13erg/cm2/s/A (I UE: SWP23735)	Reference Frame: ICRS				
Comments: Teff=15280 logg=8.21 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 919)	(100) WD1919+145	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 919)	(100) WD1919+145	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 851)	(100) WD1919+145	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=1			500 Secs (500 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 851)	(100) WD1919+145	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=4			500 Secs (500 Secs) [==>]	[1]



Proposal 14077 - WD1713+695 (46) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

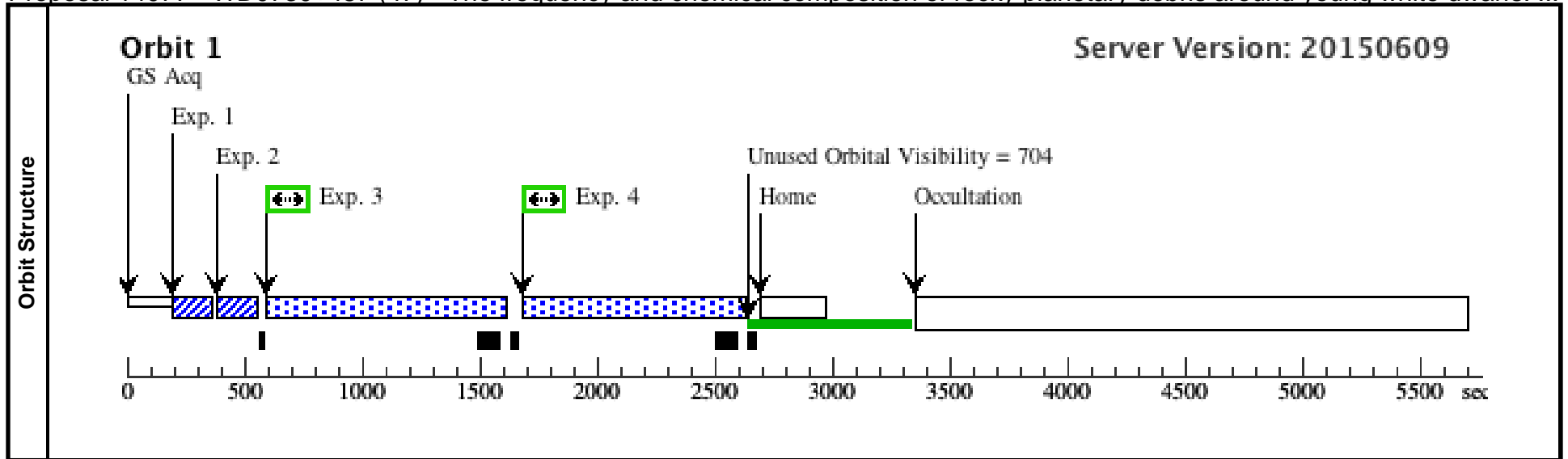
Visit	Proposal 14077, WD1713+695 (46), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1713+695 (46)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(101)	WD1713+695	RA: 17 13 6.1100 (258.2754583d) Dec: +69 31 25.53 (69.52376d) Equinox: J2000	Proper Motion RA: -54.0 mas/yr Proper Motion Dec: -345.5 mas/yr Epoch of Position: 2000.0	V=13.22+/-0.1 F(1400A)=3e-13erg/cm2/s/A (I UE: SWP26504)	Reference Frame: ICRS				
Comments: Teff=15950 logg=7.99 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 917)	(101) WD1713+695	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 917)	(101) WD1713+695	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 853)	(101) WD1713+695	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=1			500 Secs (500 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 853)	(101) WD1713+695	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 0; FLASH=YES; FP-POS=4			500 Secs (500 Secs) [==>]	[1]



Proposal 14077 - WD0730+487 (47) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

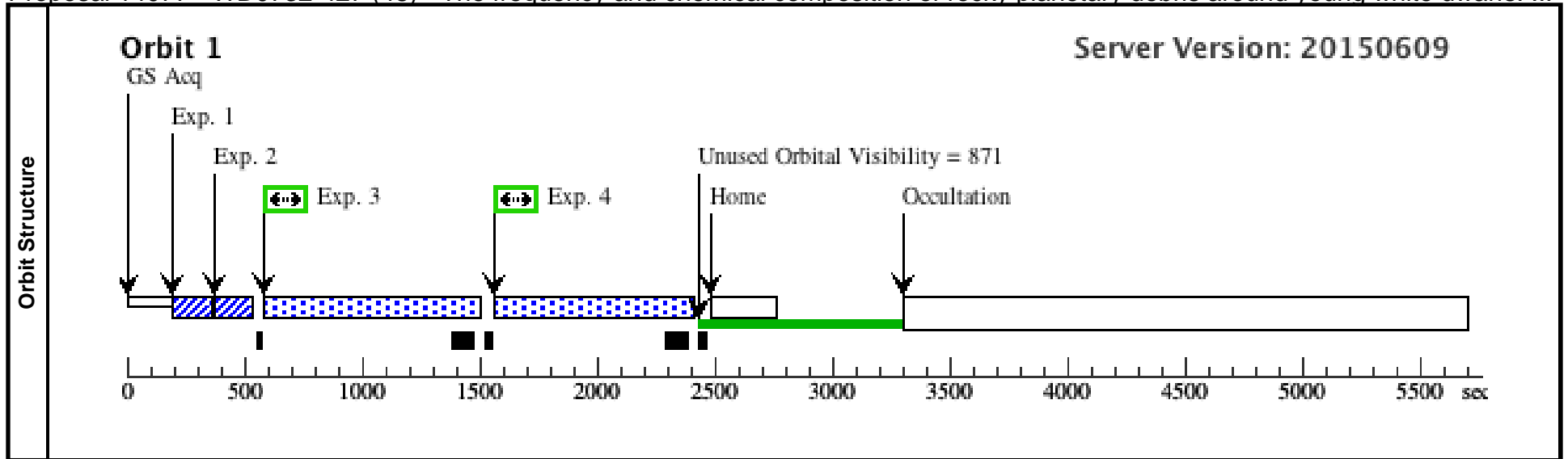
Visit	Proposal 14077, WD0730+487 (47), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0730+487 (47)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(102)	WD0730+487	RA: 07 34 27.4580 (113.6144083d) Dec: +48 41 15.33 (48.68759d) Equinox: J2000	Proper Motion RA: -144.3 mas/yr Proper Motion Dec: -191.1 mas/yr Epoch of Position: 2000.0	V=14.82+/-0.1 GALEX FUV=15.1 GALEX N UV=15.0	Reference Frame: ICRS				
<i>Comments: Teff=15010 logg=8.57 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 921)	(102) WD0730+487	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 921)	(102) WD0730+487	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			3 Secs (3 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 856)	(102) WD0730+487	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=79 0; FLASH=YES; FP-POS=1			900 Secs (900 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 856)	(102) WD0730+487	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=79 0; FLASH=YES; FP-POS=4			900 Secs (900 Secs) [==>]	[1]



Proposal 14077 - WD0732-427 (48) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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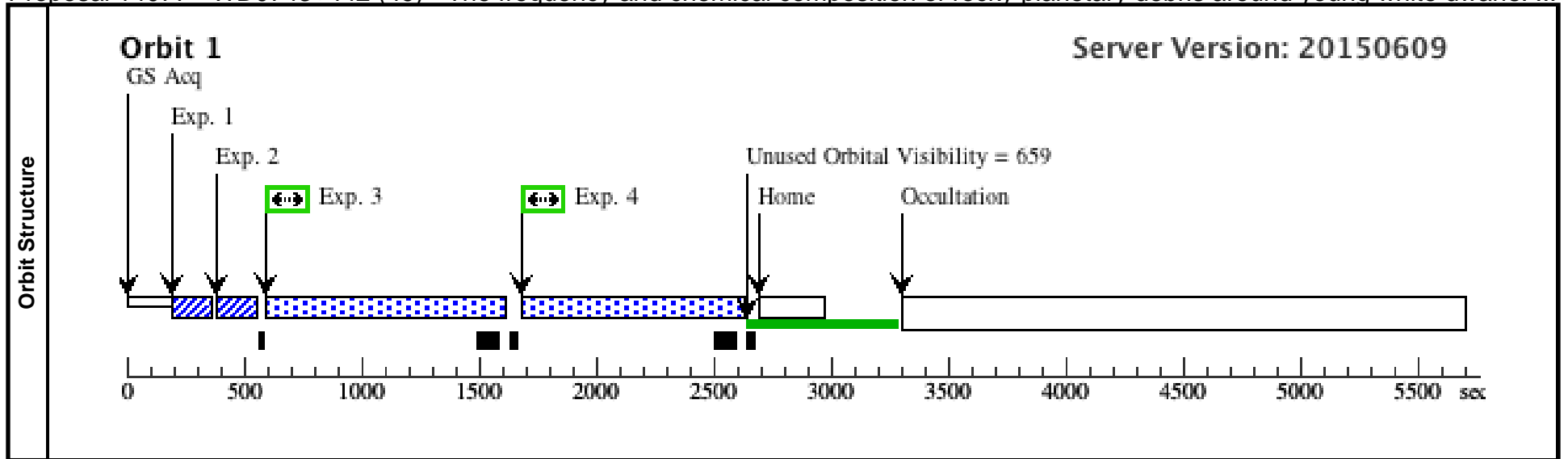
Visit	Proposal 14077, WD0732-427 (48), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0732-427 (48)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(103)	WD0732-427	RA: 07 33 37.8670 (113.4077792d) Dec: -42 53 58.80 (-42.89967d) Equinox: J2000	Proper Motion RA: 138.6 mas/yr Proper Motion Dec: 645.3 mas/yr Epoch of Position: 2000.0	V=14.14+/-0.1 GALEX NUV=14.3	Reference Frame: ICRS				
Comments: Teff=15570 logg=8.12 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 926)	(103) WD0732-427	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 926)	(103) WD0732-427	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 857)	(103) WD0732-427	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=69 0; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 857)	(103) WD0732-427	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=69 0; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - WD0743+442 (49) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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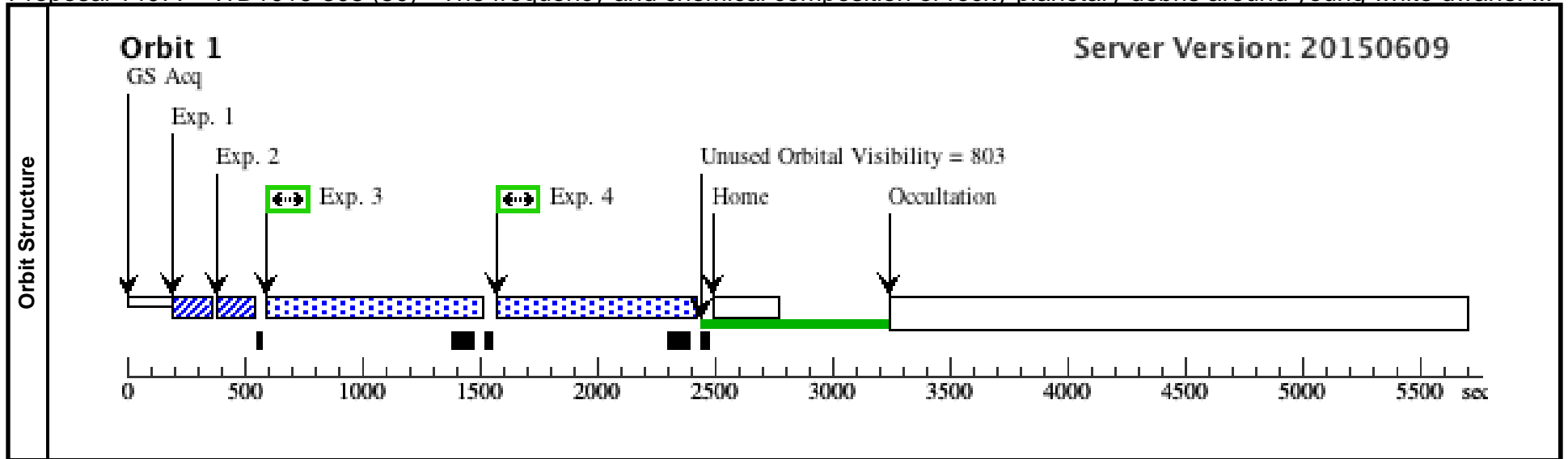
Visit	Proposal 14077, WD0743+442 (49), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0743+442 (49)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(104)	WD0743+442	RA: 07 47 25.8700 (116.8577917d) Dec: +44 08 48.39 (44.14677d) Equinox: J2000	Proper Motion RA: -87.2 mas/yr Proper Motion Dec: -165.3 mas/yr Epoch of Position: 2000.0	V=14.86+/-0.1 GALEX FUV=14.8 GALEX N UV=14.8	Reference Frame: ICRS				
Comments: Teff=15220 logg=8.47 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 928)	(104) WD0743+442	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 928)	(104) WD0743+442	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			3 Secs (3 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 859)	(104) WD0743+442	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=79 0; FLASH=YES; FP-POS=1			900 Secs (900 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 859)	(104) WD0743+442	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=79 0; FLASH=YES; FP-POS=4			900 Secs (900 Secs) [==>]	[1]



Proposal 14077 - WD1016-308 (50) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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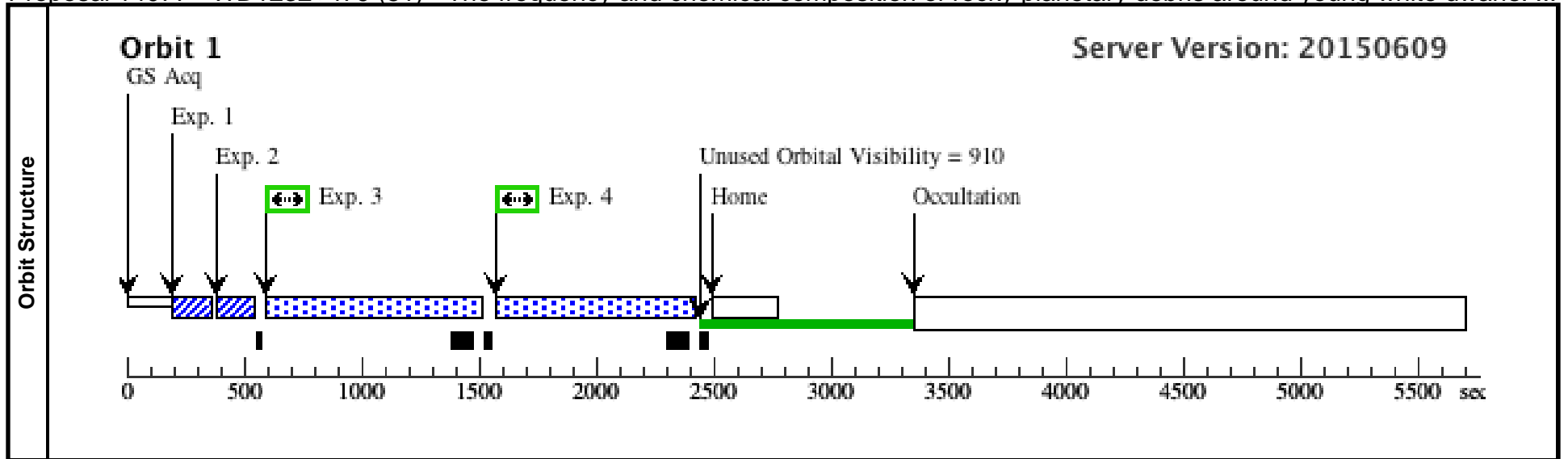
Visit	Proposal 14077, WD1016-308 (50), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1016-308 (50)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(105)	WD1016-308	RA: 10 18 39.8450 (154.6660208d) Dec: -31 08 2.07 (-31.13391d) Equinox: J2000	Proper Motion RA: -191.0 mas/yr Proper Motion Dec: 74.1 mas/yr Epoch of Position: 2000.0	V=14.64+/-0.1 GALEX FUV=14.6 GALEX N UV=14.5	Reference Frame: ICRS				
Comments: Tef=16340 logg=8.10 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 932)	(105) WD1016-308	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 932)	(105) WD1016-308	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2 Secs (2 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 863)	(105) WD1016-308	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=69 0; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 863)	(105) WD1016-308	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=69 0; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - WD1232+479 (51) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

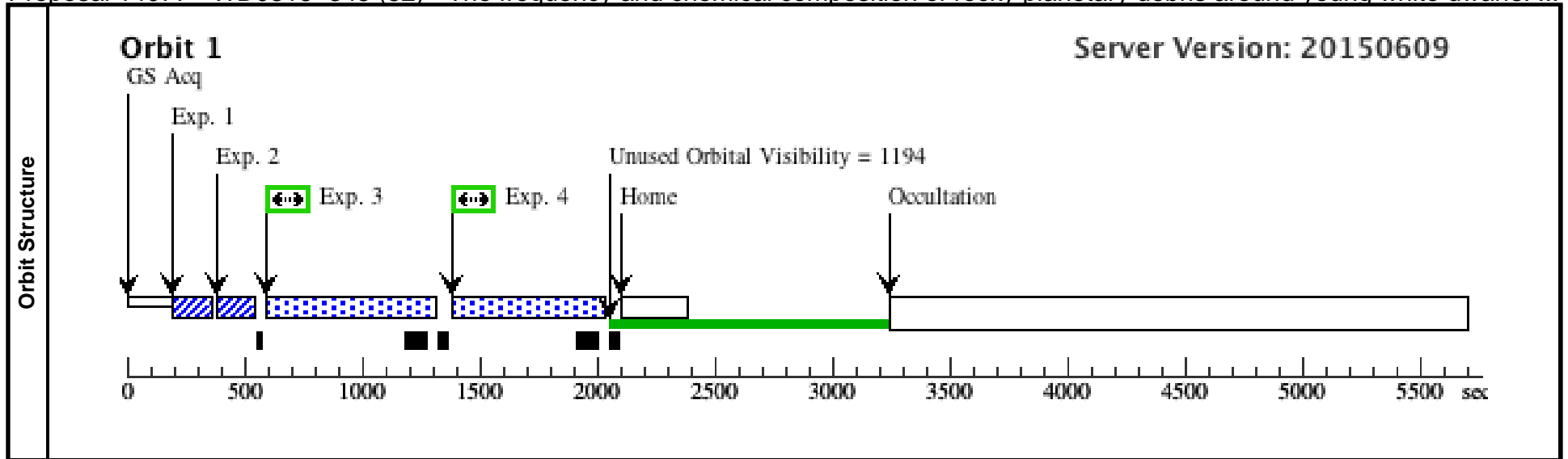
Visit	Proposal 14077, WD1232+479 (51), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1232+479 (51)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(106)	WD1232+479	RA: 12 34 56.2130 (188.7342208d) Dec: +47 37 33.27 (47.62591d) Equinox: J2000	Proper Motion RA: 92.4 mas/yr Proper Motion Dec: -133.8 mas/yr Epoch of Position: 2000.0	V=14.87+/-0.1 GALEX FUV=14.7 GALEX N UV=14.4	Reference Frame: ICRS				
Comments: Teff=15070 logg=7.95 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 935)	(106) WD1232+479	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 935)	(106) WD1232+479	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2 Secs (2 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 864)	(106) WD1232+479	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=69 0; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 864)	(106) WD1232+479	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=69 0; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]	[1]



Proposal 14077 - WD0316+345 (52) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

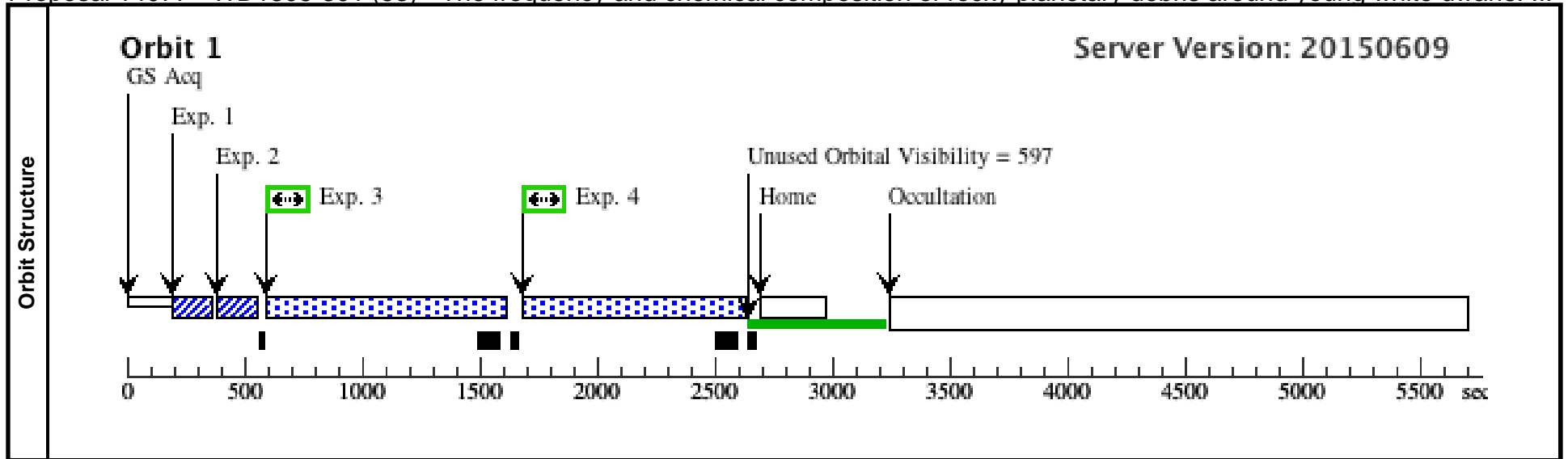
Visit	Proposal 14077, WD0316+345 (52), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0316+345 (52)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(107)	WD0316+345	RA: 03 19 42.7550 (49.9281458d) Dec: +34 42 23.73 (34.70659d) Equinox: J2000	Proper Motion RA: 59.9 mas/yr Proper Motion Dec: -164.3 mas/yr Epoch of Position: 2000.0	V=14.22+/-0.1 GALEX FUV=14.2 GALEX N UV=14.2	Reference Frame: ICRS				
<i>Comments: Teff=15350 logg=7.68 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 938)	(107) WD0316+345	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 938)	(107) WD0316+345	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2 Secs (2 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 865)	(107) WD0316+345	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=49 0; FLASH=YES; FP-POS=1			600 Secs (600 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 865)	(107) WD0316+345	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=49 0; FLASH=YES; FP-POS=4			600 Secs (600 Secs) [==>]	[1]



Proposal 14077 - WD1308-301 (53) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

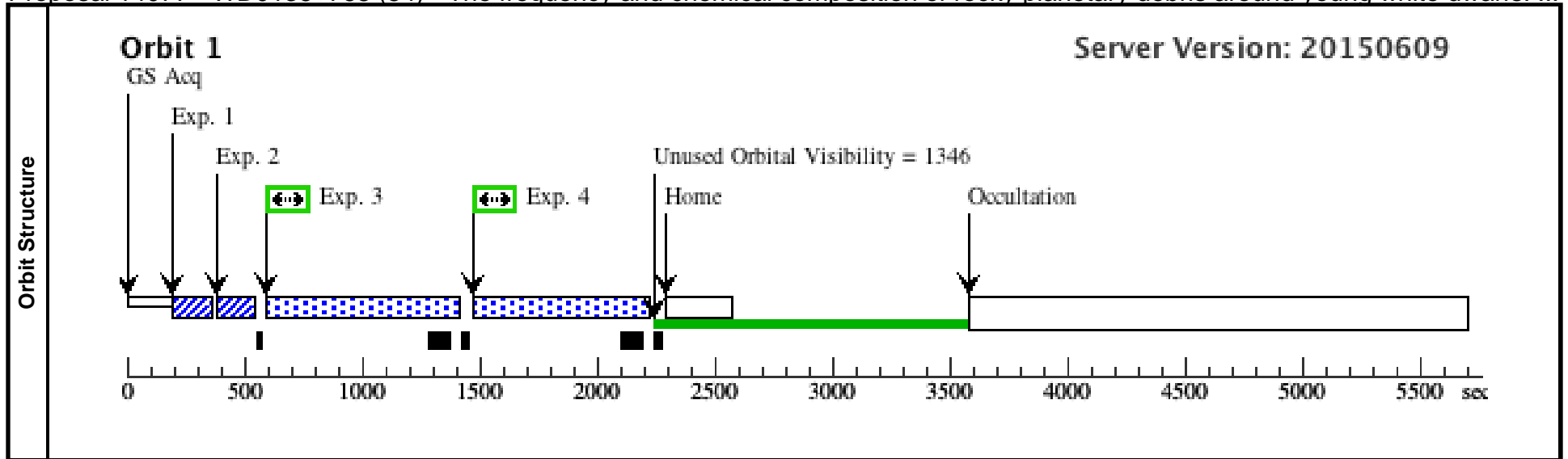
Visit	Proposal 14077, WD1308-301 (53), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(WD1308-301 (53)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(108)	WD1308-301	RA: 13 11 17.3980 (197.8224917d) Dec: -30 25 57.67 (-30.43269d) Equinox: J2000		Proper Motion RA: -141.9 mas/yr Proper Motion Dec: -78.9 mas/yr Epoch of Position: 2000.0		V=15.15+/-0.1 GALEX FUV=15.2 GALEX N UV=15.2	Reference Frame: ICRS			
<i>Comments: Teff=15280 logg=7.98 Extended=NO</i>											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sa.730 943)	(108) WD1308-301	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				3 Secs (3 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.730 943)	(108) WD1308-301	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			3 Secs (3 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 874)	(108) WD1308-301	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=79 0;	FLASH=YES; FP-POS=1		900 Secs (900 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 874)	(108) WD1308-301	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=79 0;	FLASH=YES; FP-POS=4		900 Secs (900 Secs) [==>]		[1]



Proposal 14077 - WD0136+768 (54) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

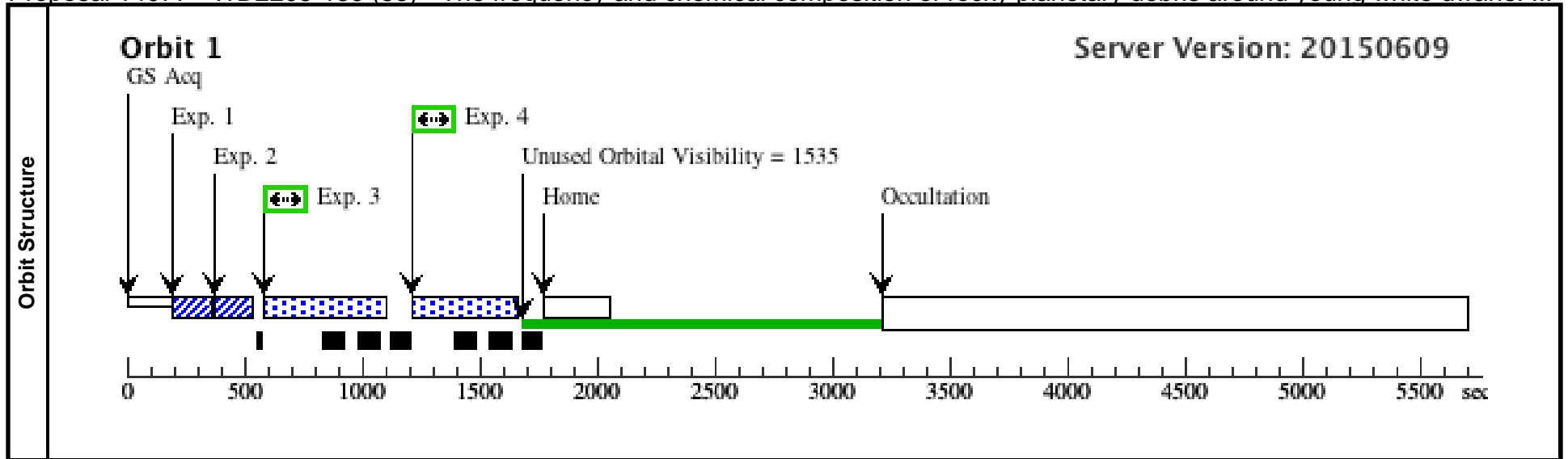
Visit	Proposal 14077, WD0136+768 (54), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0136+768 (54)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(109)	WD0136+768	RA: 01 41 21.6510 (25.3402125d) Dec: +77 09 0.37 (77.15010d) Equinox: J2000	Proper Motion RA: 112 mas/yr Proper Motion Dec: -137 mas/yr Epoch of Position: 2000.0	V=14.82+/-0.1 GALEX NUV=15.0	Reference Frame: ICRS				
<i>Comments: Teff=16910 logg=7.79 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 945)	(109) WD0136+768	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 945)	(109) WD0136+768	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2 Secs (2 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 878)	(109) WD0136+768	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=59 0; FLASH=YES; FP-POS=1			700 Secs (700 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 878)	(109) WD0136+768	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=59 0; FLASH=YES; FP-POS=4			700 Secs (700 Secs) [==>]	[1]



Proposal 14077 - WD2205-139 (55) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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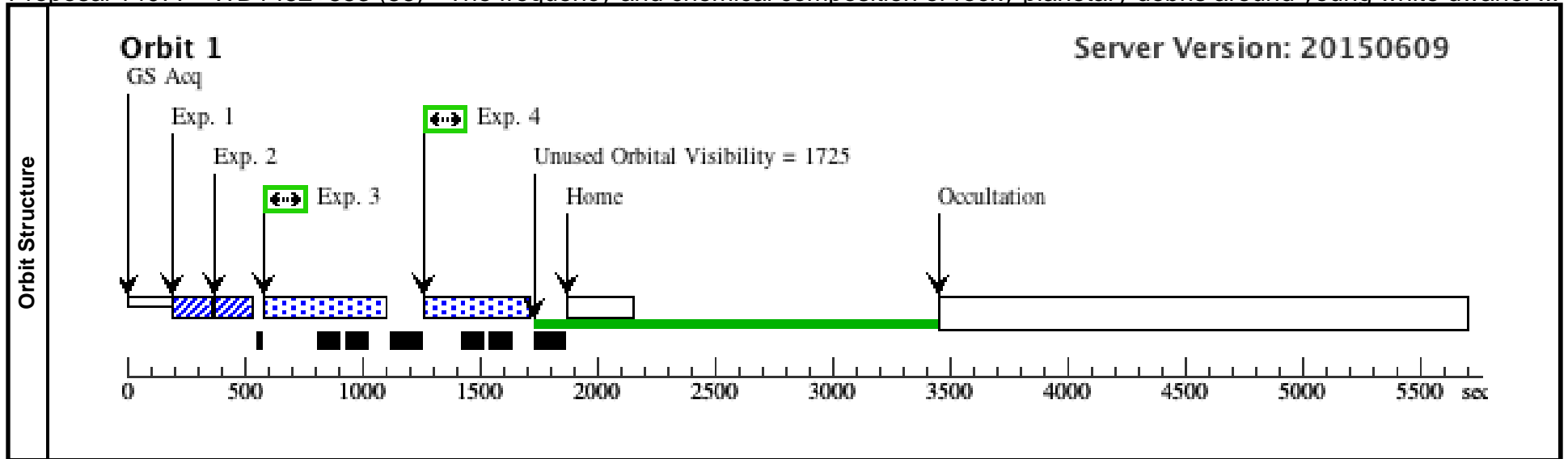
Visit	Proposal 14077, WD2205-139 (55), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD2205-139 (55)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(110)	WD2205-139	RA: 22 08 29.5980 (332.1233250d) Dec: -13 41 12.20 (-13.68672d) Equinox: J2000	Proper Motion RA: 39.8 mas/yr Proper Motion Dec: -11.1 mas/yr Epoch of Position: 2000.0	V=15.05+/-0.1 GALEX NUV=14.2	Reference Frame: ICRS				
<i>Comments: Teff=25950 logg=8.33 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 946)	(110) WD2205-139	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 946)	(110) WD2205-139	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 879)	(110) WD2205-139	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=14 5; FLASH=YES; FP-POS=1			400 Secs (400 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 879)	(110) WD2205-139	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=14 5; FLASH=YES; FP-POS=4			400 Secs (400 Secs) [==>]	[1]



Proposal 14077 - WD1452+553 (56) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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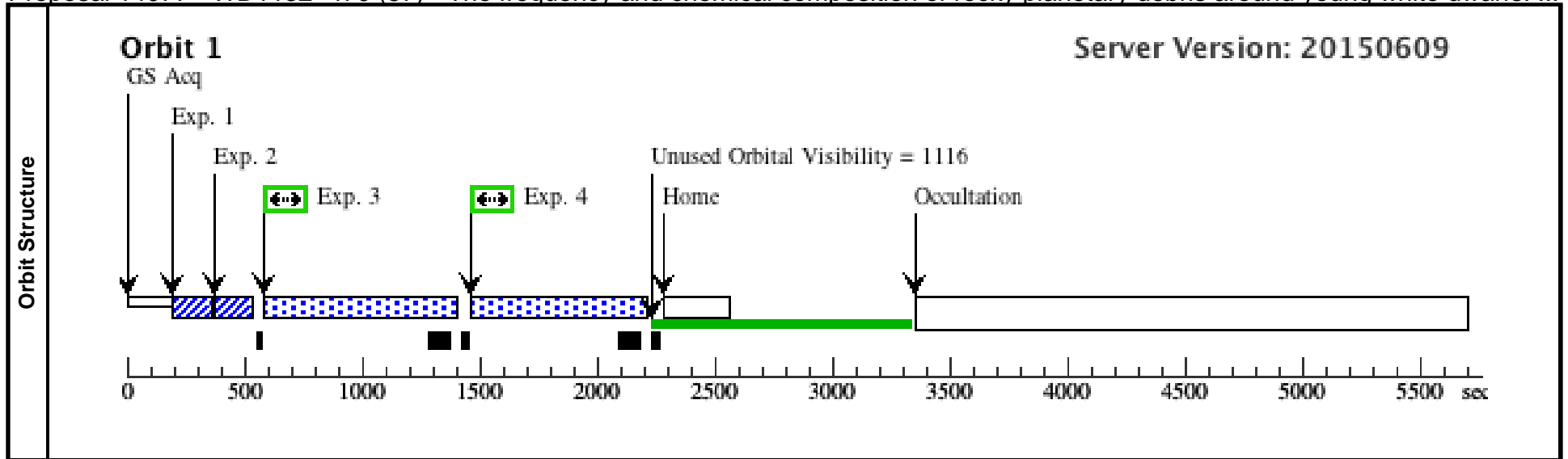
Visit	Proposal 14077, WD1452+553 (56), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1452+553 (56)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(111)	WD1452+553	RA: 14 54 15.8150 (223.5658958d) Dec: +55 11 52.30 (55.19786d) Equinox: J2000	Proper Motion RA: -55.2 mas/yr Proper Motion Dec: 23.3 mas/yr Epoch of Position: 2000.0	V=16.07+/-0.1 GALEX FUV=14.4 GALEX N UV=15.0	Reference Frame: ICRS				
Comments: <i>Teff=28340 logg=8.34</i> Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 948)	(111) WD1452+553	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 948)	(111) WD1452+553	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 881)	(111) WD1452+553	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=12 0; FLASH=YES; FP-POS=1			400 Secs (400 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 881)	(111) WD1452+553	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=12 0; FLASH=YES; FP-POS=4			400 Secs (400 Secs) [==>]	[1]



Proposal 14077 - WD1132+470 (57) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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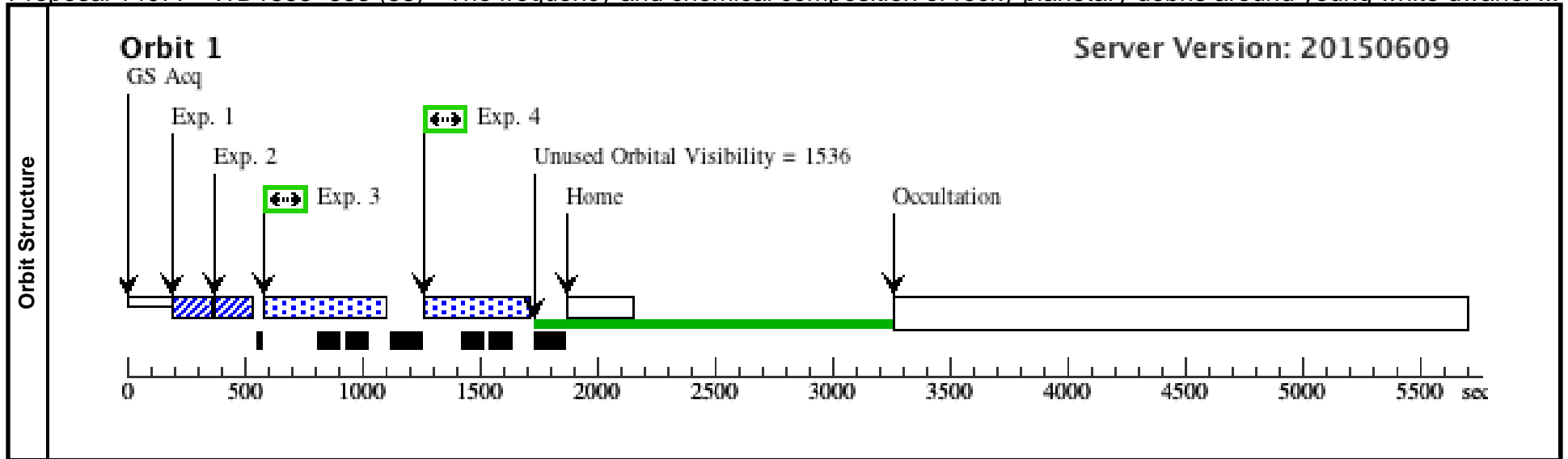
Visit	Proposal 14077, WD1132+470 (57), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1132+470 (57)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(112)	WD1132+470	RA: 11 34 48.8430 (173.7035125d) Dec: +46 48 35.90 (46.80997d) Equinox: J2000	Proper Motion RA: -163.6 mas/yr Proper Motion Dec: -128.5 mas/yr Epoch of Position: 2000.0	V=16.3+/-0.1 GALEX FUV=15.5 GALEX N UV=15.9	Reference Frame: ICRS				
Comments: Teff=28160 logg=8.96 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 949)	(112) WD1132+470	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 949)	(112) WD1132+470	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 882)	(112) WD1132+470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=59 0; FLASH=YES; FP-POS=1			700 Secs (700 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 882)	(112) WD1132+470	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=59 0; FLASH=YES; FP-POS=4			700 Secs (700 Secs) [==>]	[1]



Proposal 14077 - WD1553+353 (58) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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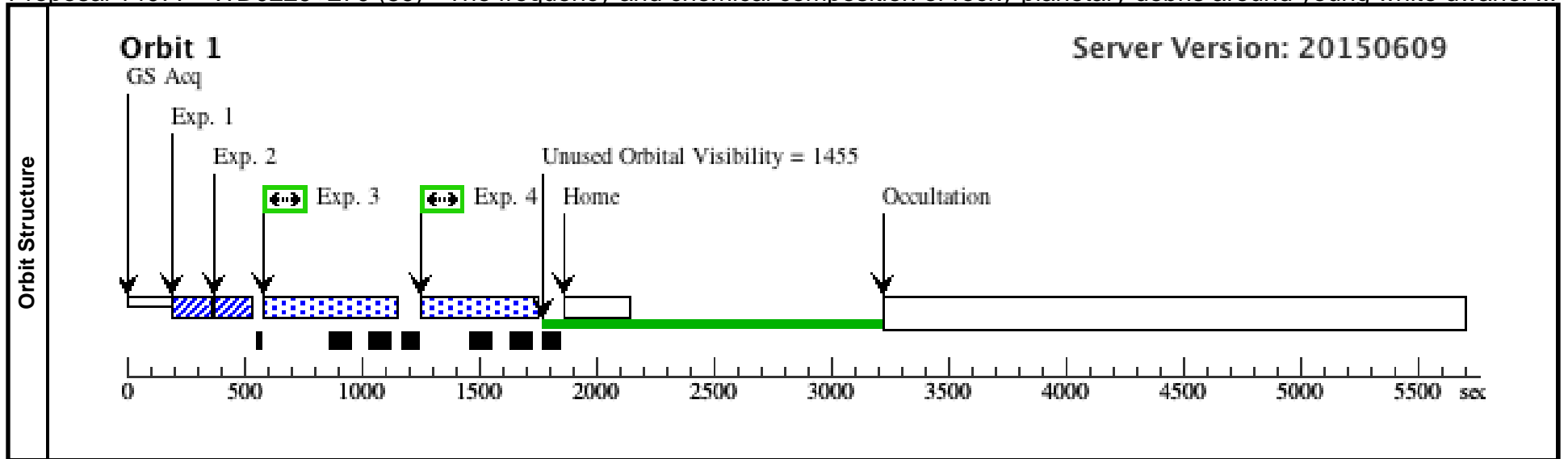
Visit	Proposal 14077, WD1553+353 (58), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1553+353 (58)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(113)	WD1553+353	RA: 15 55 1.9910 (238.7582958d) Dec: +35 13 28.64 (35.22462d) Equinox: J2000	Proper Motion RA: 22.0 mas/yr Proper Motion Dec: -41.5 mas/yr Epoch of Position: 2000.0	V=14.8+/-0.1 GALEX FUV=13.7 GALEX N UV=14.1	Reference Frame: ICRS				
Comments: Teff=26370 logg=7.90 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 950)	(113) WD1553+353	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 950)	(113) WD1553+353	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 884)	(113) WD1553+353	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=12 0; FLASH=YES; FP-POS=1			400 Secs (400 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 884)	(113) WD1553+353	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=12 0; FLASH=YES; FP-POS=4			400 Secs (400 Secs) [==>]	[1]



Proposal 14077 - WD0229+270 (59) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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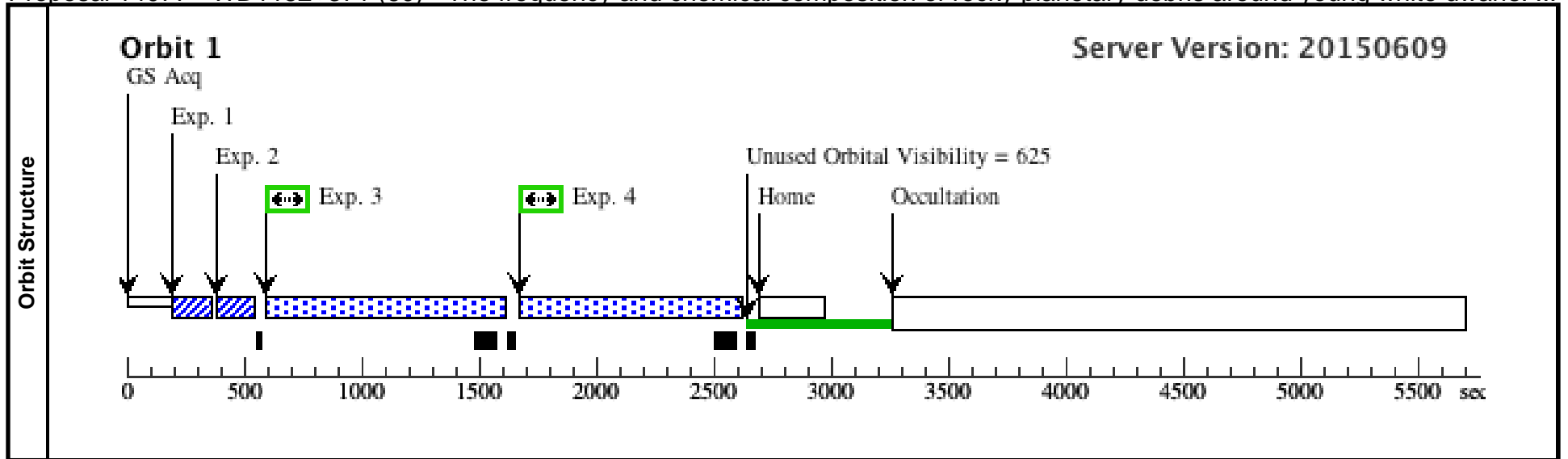
Visit	Proposal 14077, WD0229+270 (59), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(WD0229+270 (59)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(114)	WD0229+270	RA: 02 32 7.6220 (38.0317583d) Dec: +27 17 26.27 (27.29063d) Equinox: J2000	Proper Motion RA: 61.6 mas/yr Proper Motion Dec: -59.4 mas/yr Epoch of Position: 2000.0		V=15.52+/-0.1 GALEX FUV=14.3 GALEX N UV=14.7	Reference Frame: ICRS				
Comments: Teff=25200 logg=7.94 Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sa.730 972)	(114) WD0229+270	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.730 972)	(114) WD0229+270	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 885)	(114) WD0229+270	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0;	FLASH=YES; FP-POS=1		450 Secs (450 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 885)	(114) WD0229+270	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0;	FLASH=YES; FP-POS=4		450 Secs (450 Secs) [==>]		[1]



Proposal 14077 - WD1152+371 (60) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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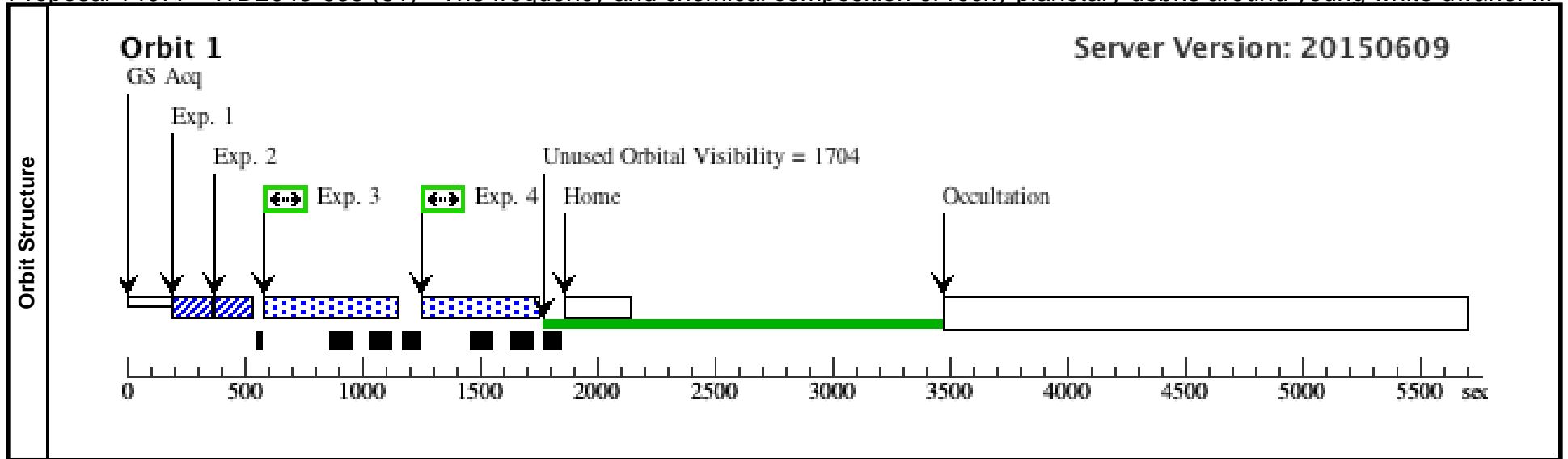
Visit	Proposal 14077, WD1152+371 (60), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1152+371 (60)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(115)	WD1152+371	RA: 11 54 58.8220 (178.7450917d) Dec: +36 50 54.60 (36.84850d) Equinox: J2000	Proper Motion RA: -42.5 mas/yr Proper Motion Dec: 6.9 mas/yr Epoch of Position: 2000.0	V=16.8+/-0.1 GALEX FUV=15.8 GALEX N UV=16.2	Reference Frame: ICRS				
Comments: Teff=27420 logg=9.14 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 976)	(115) WD1152+371	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				2 Secs (2 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 976)	(115) WD1152+371	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			2 Secs (2 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 886)	(115) WD1152+371	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=79 0; FLASH=YES; FP-POS=1			900 Secs (900 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 886)	(115) WD1152+371	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=79 0; FLASH=YES; FP-POS=4			900 Secs (900 Secs) [==>]	[1]



Proposal 14077 - WD2043-635 (61) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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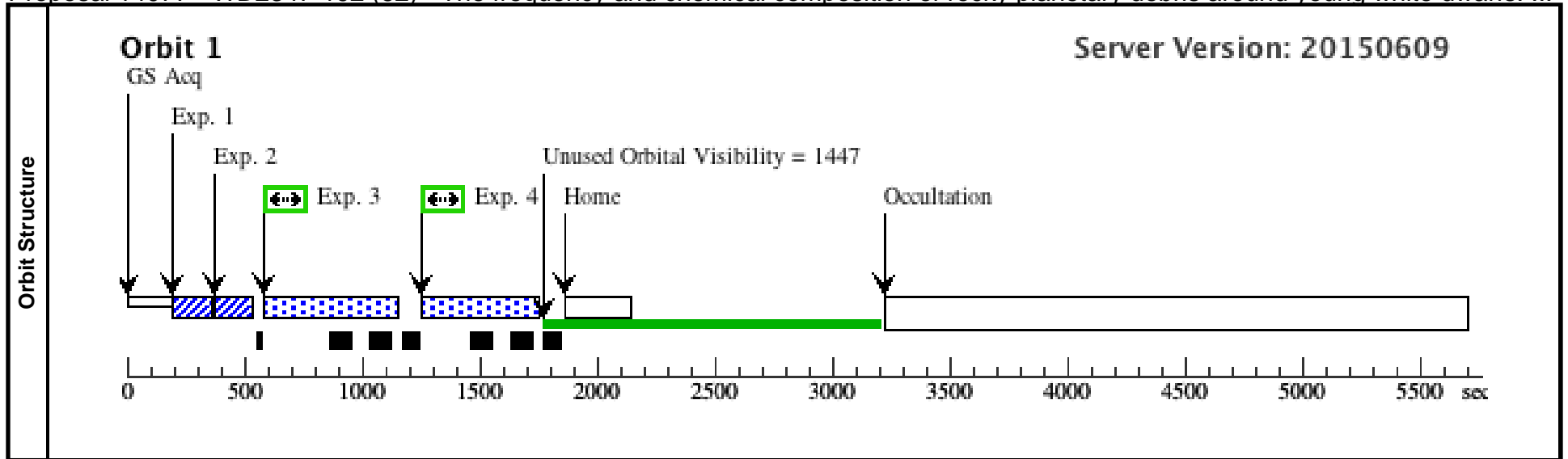
Visit	Proposal 14077, WD2043-635 (61), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD2043-635 (61)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(116)	WD2043-635	RA: 20 47 11.1590 (311.7964958d) Dec: -63 20 14.96 (-63.33749d) Equinox: J2000	Proper Motion RA: 41.8 mas/yr Proper Motion Dec: -34.8 mas/yr Epoch of Position: 2000.0	V=15.66+/-0.1 GALEX FUV=14.2 GALEX N UV=14.9	Reference Frame: ICRS				
<i>Comments: Teff=27740 logg=8.23 Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 980)	(116) WD2043-635	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 980)	(116) WD2043-635	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 889)	(116) WD2043-635	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=1			450 Secs (450 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 889)	(116) WD2043-635	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=4			450 Secs (450 Secs) [==>]	[1]



Proposal 14077 - WD2347-192 (62) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

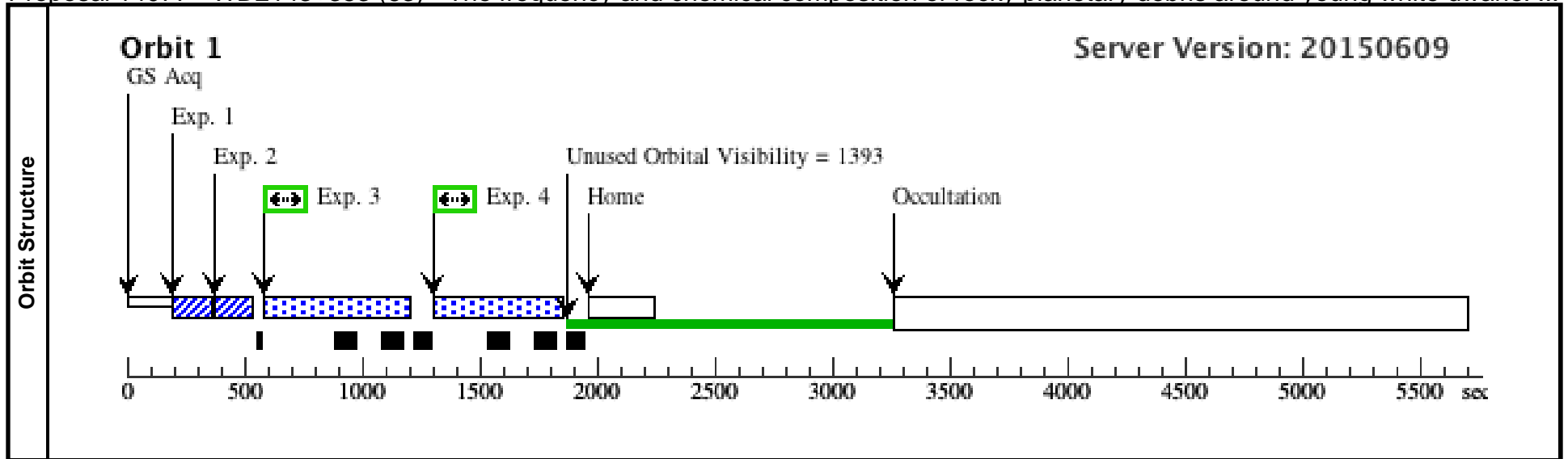
Visit	Proposal 14077, WD2347-192 (62), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD2347-192 (62)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(117)	WD2347-192	RA: 23 50 2.9350 (357.5122292d) Dec: -18 59 22.26 (-18.98952d) Equinox: J2000	Proper Motion RA: -51.7 mas/yr Proper Motion Dec: -12.2 mas/yr Epoch of Position: 2000.0	V=16.0+/-0.1 GALEX NUV=15.2	Reference Frame: ICRS				
Comments: Teff=27370 logg=7.99 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 986)	(117) WD2347-192	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 986)	(117) WD2347-192	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 892)	(117) WD2347-192	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=1			450 Secs (450 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 892)	(117) WD2347-192	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 0; FLASH=YES; FP-POS=4			450 Secs (450 Secs) [==>]	[1]



Proposal 14077 - WD2143+353 (63) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

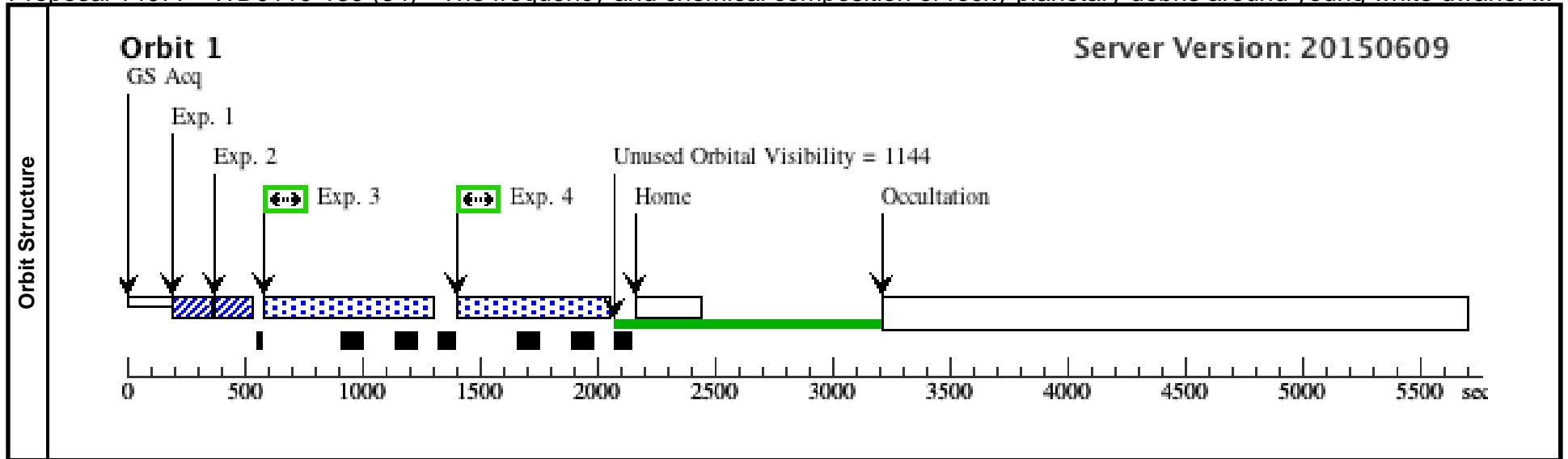
Visit	Proposal 14077, WD2143+353 (63), completed Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(WD2143+353 (63)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(118)	WD2143+353	RA: 21 45 23.6510 (326.3485458d) Dec: +35 32 9.98 (35.53611d) Equinox: J2000	Proper Motion RA: 165.0 mas/yr Proper Motion Dec: 84.9 mas/yr Epoch of Position: 2000.0		V=15.89+/-0.1 GALEX FUV=15.0 GALEX N UV=15.2	Reference Frame: ICRS				
<i>Comments: Teff=26100 logg=7.88 Extended=NO</i>											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sa.730 991)	(118) WD2143+353	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.730 991)	(118) WD2143+353	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 893)	(118) WD2143+353	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=19 5; FLASH=YES; FP-POS=1			500 Secs (500 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 893)	(118) WD2143+353	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=19 5; FLASH=YES; FP-POS=4			500 Secs (500 Secs) [==>]		[1]



Proposal 14077 - WD0110-139 (64) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

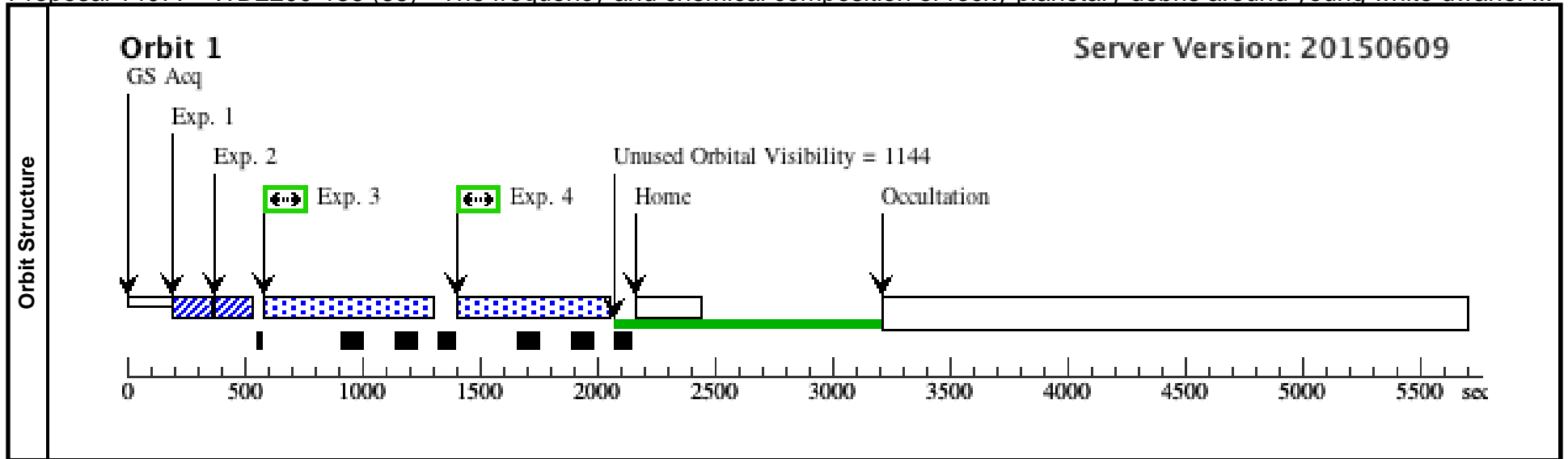
Visit	Proposal 14077, WD0110-139 (64), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0110-139 (64)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(119)	WD0110-139	RA: 01 13 9.8280 (18.2909500d) Dec: -13 39 35.16 (-13.65977d) Equinox: J2000	Proper Motion RA: 5.9 mas/yr Proper Motion Dec: -24.0 mas/yr Epoch of Position: 2000.0	V=15.75+/-0.1 GALEX FUV=14.3 GALEX N UV=14.9	Reference Frame: ICRS				
Comments: Teff=26300logg=8.00 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.730 996)	(119) WD0110-139	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.730 996)	(119) WD0110-139	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730 894)	(119) WD0110-139	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=22 5; FLASH=YES; FP-POS=1			600 Secs (600 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730 894)	(119) WD0110-139	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=22 5; FLASH=YES; FP-POS=4			600 Secs (600 Secs) [==>]	[1]



Proposal 14077 - WD2200-136 (65) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

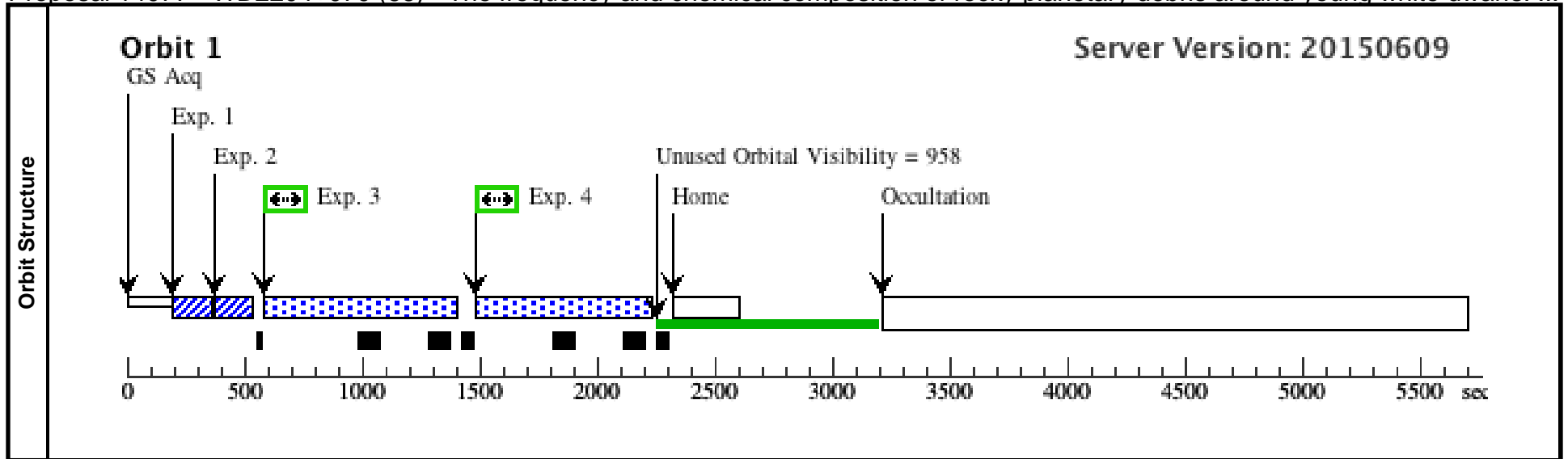
Visit	Proposal 14077, WD2200-136 (65), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(WD2200-136 (65)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(120)	WD2200-136	RA: 22 03 35.5720 (330.8982167d) Dec: -13 26 49.28 (-13.44702d) Equinox: J2000	Proper Motion RA: -28.6 mas/yr Proper Motion Dec: -44.2 mas/yr Epoch of Position: 2000.0		V=15.32+/-0.1 GALEX NUV=14.4	Reference Frame: ICRS				
Comments: Teff=27150 logg=8.45 Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sa.731000)	(120) WD2200-136	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.731000)	(120) WD2200-136	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730895)	(120) WD2200-136	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=22 5;	FLASH=YES; FP-POS=1		600 Secs (600 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730895)	(120) WD2200-136	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=22 5;	FLASH=YES; FP-POS=4		600 Secs (600 Secs) [==>]		[1]



Proposal 14077 - WD2204+070 (66) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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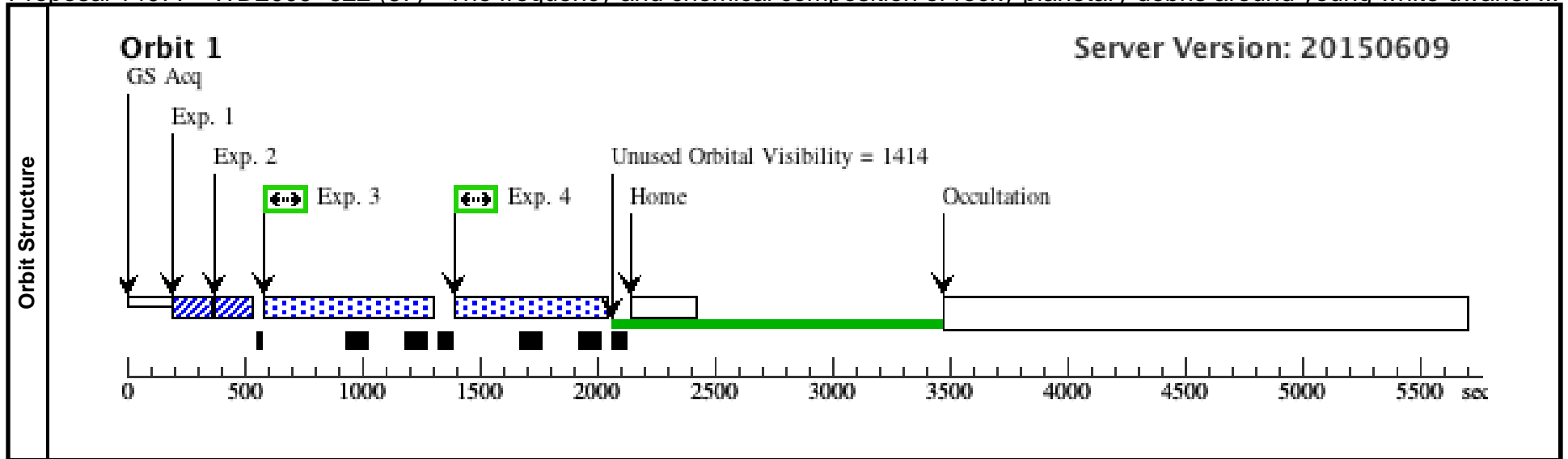
Visit	Proposal 14077, WD2204+070 (66), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD2204+070 (66)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(121)	WD2204+070	RA: 22 07 16.0980 (331.8170750d) Dec: +07 18 37.13 (7.31031d) Equinox: J2000	Proper Motion RA: -14.9 mas/yr Proper Motion Dec: -28.6 mas/yr Epoch of Position: 2000.0		V=15.89+/-0.1 GALEX FUV=14.6 GALEX N UV=15.1	Reference Frame: ICRS			
Comments: Teff=25630 logg=8.00 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.731011)	(121) WD2204+070	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.731011)	(121) WD2204+070	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.730896)	(121) WD2204+070	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=29 5;	FLASH=YES; FP-POS=1		700 Secs (700 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.730896)	(121) WD2204+070	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=29 5;	FLASH=YES; FP-POS=4		700 Secs (700 Secs) [==>]	[1]



Proposal 14077 - WD2009+622 (67) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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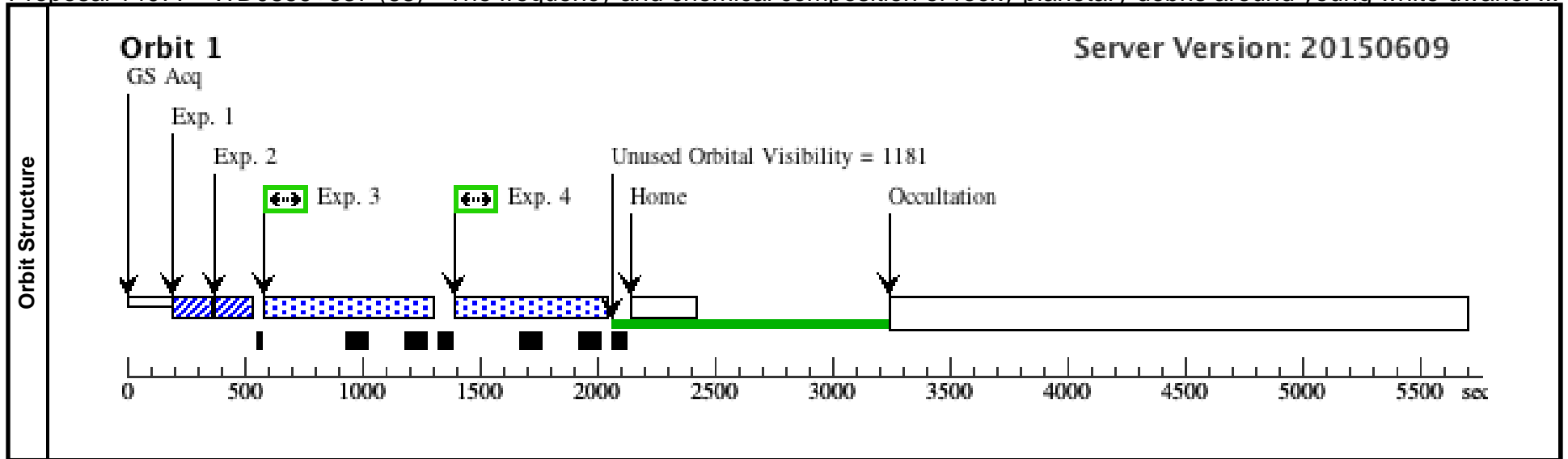
Visit	Proposal 14077, WD2009+622 (67), completed Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD2009+622 (67)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(122)	WD2009+622	RA: 20 10 42.8690 (302.6786208d) Dec: +62 25 32.12 (62.42559d) Equinox: J2000	Proper Motion RA: -60.6 mas/yr Proper Motion Dec: -158.6 mas/yr Epoch of Position: 2000.0		V=15.18+/-0.1 GALEX NUV=14.3	Reference Frame: ICRS			
Comments: Teff=26520 logg=7.76 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.731022)	(122) WD2009+622	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.731022)	(122) WD2009+622	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.731021)	(122) WD2009+622	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=1			600 Secs (600 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.731021)	(122) WD2009+622	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=4			600 Secs (600 Secs) [==>]	[1]



Proposal 14077 - WD0859+337 (68) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

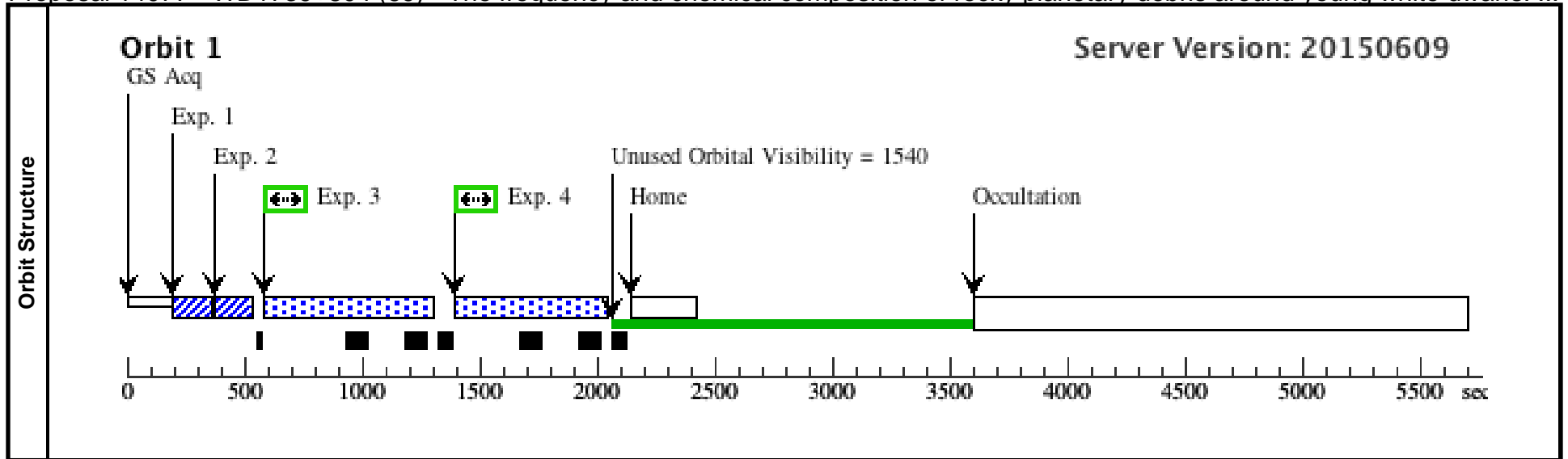
Visit	Proposal 14077, WD0859+337 (68), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(WD0859+337 (68)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(123)	WD0859+337	RA: 09 02 10.2950 (135.5428958d) Dec: +33 35 9.97 (33.58610d) Equinox: J2000	Proper Motion RA: -26.3 mas/yr Proper Motion Dec: -35.8 mas/yr Epoch of Position: 2000.0	V=16.61+/-0.1 GALEX FUV=15.2 GALEX N UV=15.6	Reference Frame: ICRS					
Comments: Teff=25360 logg=8.02 Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	ACQ/PEAK XD (COS.sa.731 028)	(123) WD0859+337	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.731 028)	(123) WD0859+337	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.731 027)	(123) WD0859+337	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=1			600 Secs (600 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.731 021)	(123) WD0859+337	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=4			600 Secs (600 Secs) [==>]		[1]



Proposal 14077 - WD1739+804 (69) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:05 GMT 2015

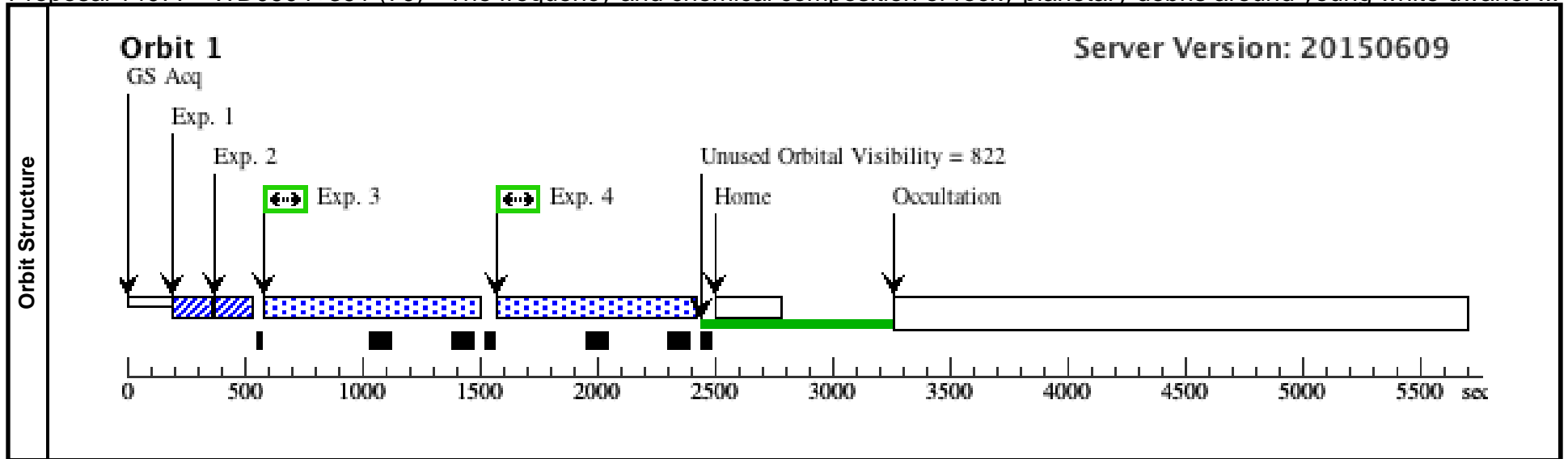
Visit	Proposal 14077, WD1739+804 (69), scheduled Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(WD1739+804 (69)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous				
	(124)	WD1739+804	RA: 17 35 53.1520 (263.9714667d) Dec: +80 21 20.97 (80.35582d) Equinox: J2000	Proper Motion RA: 82.7 mas/yr Proper Motion Dec: 75.5 mas/yr Epoch of Position: 2000.0		V=15.66+/-0.1 GALEX FUV=14.7 GALEX N UV=14.8	Reference Frame: ICRS				
Comments: Teff=26590 logg=7.75 Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sa.731037)	(124) WD1739+804	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.731037)	(124) WD1739+804	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.731035)	(124) WD1739+804	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=1			600 Secs (600 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.731035)	(124) WD1739+804	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=4			600 Secs (600 Secs) [==>]		[1]



Proposal 14077 - WD0904+391 (70) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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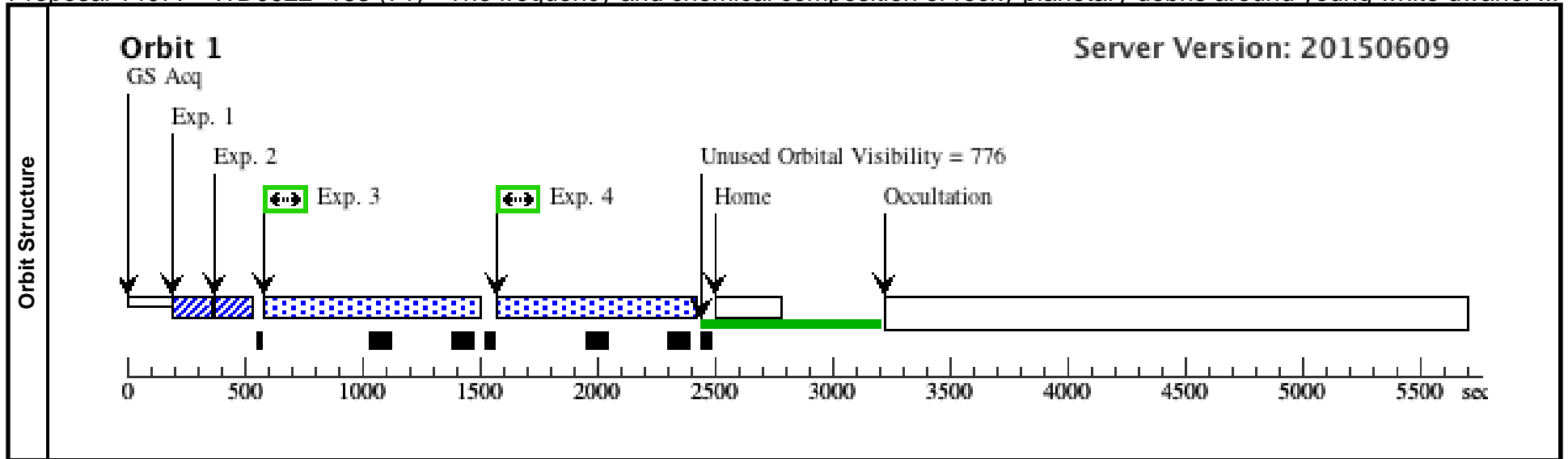
Visit	Proposal 14077, WD0904+391 (70), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(WD0904+391 (70)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous					
	(125)	WD0904+391	RA: 09 07 46.5170 (136.9438208d) Dec: +38 56 43.43 (38.94540d) Equinox: J2000	Proper Motion RA: 5.8 mas/yr Proper Motion Dec: -13.7 mas/yr Epoch of Position: 2000.0	V=15.8+/-0.1 GALEX FUV=15.0 GALEX N UV=15.5	Reference Frame: ICRS					
<i>Comments: Teff=26190 logg=8.07 Extended=NO</i>											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	ACQ/PEAK XD (COS.sa.731044)	(125) WD0904+391	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.731044)	(125) WD0904+391	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130M FP-POS=1 (COS.sp.731045)	(125) WD0904+391	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 5; FLASH=YES; FP-POS=1			800 Secs (800 Secs) [==>]		[1]
	4	COS/G130M FP-POS=4 (COS.sp.731045)	(125) WD0904+391	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=34 5; FLASH=YES; FP-POS=4			800 Secs (800 Secs) [==>]		[1]



Proposal 14077 - WD0922+183 (71) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:06 GMT 2015

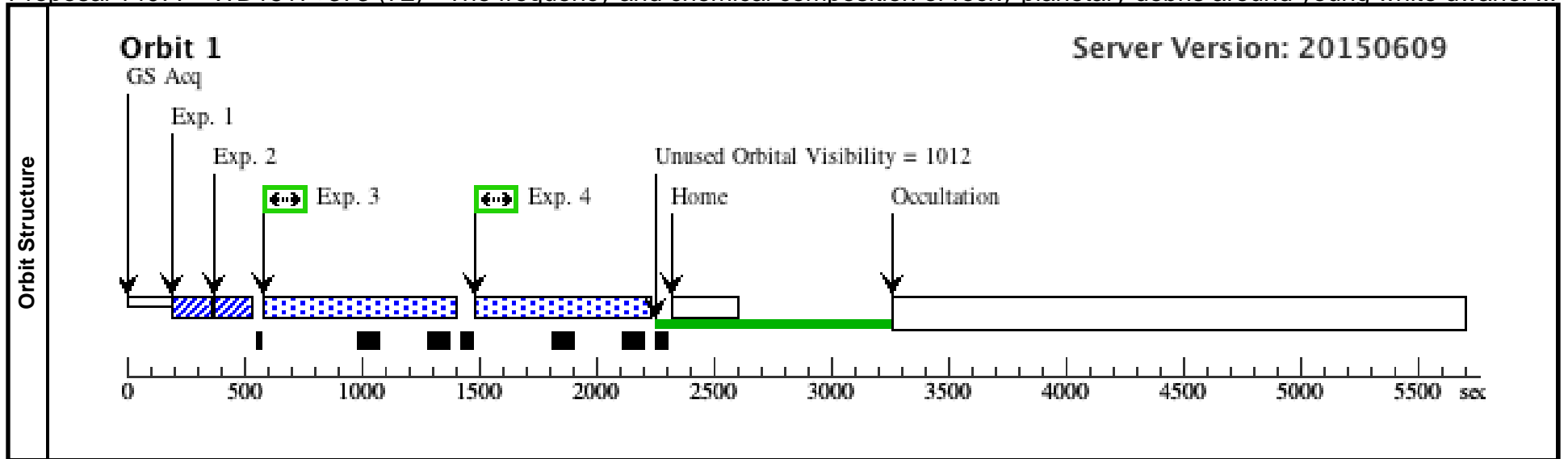
Visit	Proposal 14077, WD0922+183 (71), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(WD0922+183 (71)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(126)	WD0922+183	RA: 09 25 18.3490 (141.3264542d) Dec: +18 05 34.21 (18.09284d) Equinox: J2000		Proper Motion RA: -5.4 mas/yr Proper Motion Dec: -3.4 mas/yr Epoch of Position: 2000.0		V=16.3+/-0.1 GALEX FUV=15.0 GALEX N UV=15.6	Reference Frame: ICRS			
<i>Comments: Teff=25660 logg=8.26 Extended=NO</i>											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sp.731 049)	(126) WD0922+183	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sp.731 049)	(126) WD0922+183	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130 M FP-POS=1 (COS.sp.731 049)	(126) WD0922+183	COS/FUV, TIME-TAG, PSA	G130M 1291 A		BUFFER-TIME=34 5; FLASH=YES; FP-POS=1		800 Secs (800 Secs) [==>]		[1]
	4	COS/G130 M FP-POS=4 (COS.sp.731 049)	(126) WD0922+183	COS/FUV, TIME-TAG, PSA	G130M 1291 A		BUFFER-TIME=34 5; FLASH=YES; FP-POS=4		800 Secs (800 Secs) [==>]		[1]



Proposal 14077 - WD1517+373 (72) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

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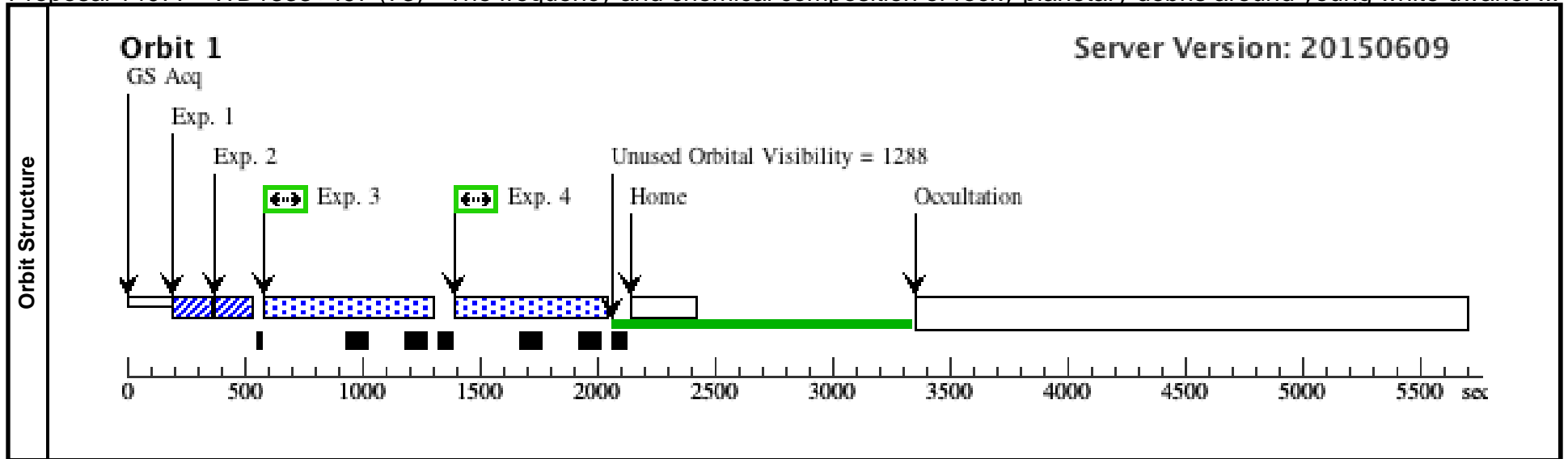
Visit	Proposal 14077, WD1517+373 (72), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)										
	(WD1517+373 (72)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(127)	WD1517+373	RA: 15 19 18.3060 (229.8262750d) Dec: +37 08 49.21 (37.14700d) Equinox: J2000		Proper Motion RA: -33.4 mas/yr Proper Motion Dec: -0.6 mas/yr Epoch of Position: 2000.0		V=16.33+/-0.1 GALEX FUV=15.1 GALEX N UV=15.4	Reference Frame: ICRS			
<i>Comments: Teff=25430 logg=7.91 Extended=NO</i>											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	ACQ/PEAK XD (COS.sa.731059)	(127) WD1517+373	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]		[1]
	2	ACQ/PEAK D (COS.sa.731059)	(127) WD1517+373	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]		[1]
	3	COS/G130M FP-POS=1 (COS.sp.731058)	(127) WD1517+373	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=29 5;	FLASH=YES; FP-POS=1		700 Secs (700 Secs) [==>]		[1]
	4	COS/G130M FP-POS=4 (COS.sp.731058)	(127) WD1517+373	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=29 5;	FLASH=YES; FP-POS=4		700 Secs (700 Secs) [==>]		[1]



Proposal 14077 - WD1333+497 (73) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:06 GMT 2015

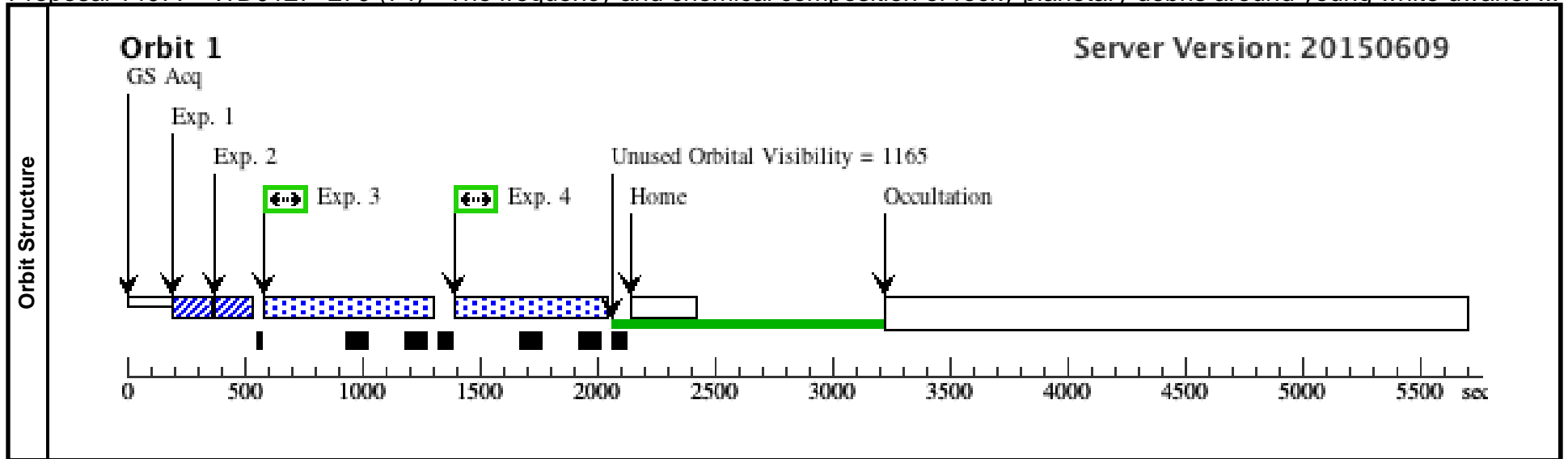
Visit	Proposal 14077, WD1333+497 (73), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1333+497 (73)) Warning (Form): For the best data quality, it is strongly recommended that all four FP-POS positions be used when observing at a given COS CENWAVE setting.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(128)	WD1333+497	RA: 13 35 20.9310 (203.8372125d) Dec: +49 31 6.63 (49.51851d) Equinox: J2000	Proper Motion RA: -55.1 mas/yr Proper Motion Dec: -55.1 mas/yr Epoch of Position: 2000.0	V=15.65+/-0.1 GALEX NUV=14.6	Reference Frame: ICRS				
Comments: Teff=29960K logg=7.98 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.731090)	(128) WD1333+497	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.731090)	(128) WD1333+497	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.731091)	(128) WD1333+497	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=1			600 Secs (600 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.731091)	(128) WD1333+497	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=4			600 Secs (600 Secs) [==>]	[1]



Proposal 14077 - WD0127+270 (74) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:06 GMT 2015

Visit	Proposal 14077, WD0127+270 (74), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD0127+270 (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			
	(129)	WD0127+270	RA: 01 30 5.8420 (22.5243417d) Dec: +27 16 21.03 (27.27251d) Equinox: J2000	Proper Motion RA: 128.8 mas/yr Proper Motion Dec: -54.4 mas/yr Epoch of Position: 2000.0		V=15.76+/-0.1 GALEX NUV=15.2 GALEX F UV=14.6	Reference Frame: ICRS			
Comments: Teff=25930K logg=7.86 Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.735 646)	(129) WD0127+270	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.735 646)	(129) WD0127+270	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.735 647)	(129) WD0127+270	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=1			600 Secs (600 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.735 647)	(129) WD0127+270	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=4			600 Secs (600 Secs) [==>]	[1]



Proposal 14077 - WD1539+530 (75) - The frequency and chemical composition of rocky planetary debris around young white dwarfs: ...

Thu Dec 17 02:03:06 GMT 2015

Visit	Proposal 14077, WD1539+530 (75), scheduling Diagnostic Status: Warning Scientific Instruments: COS/FUV Special Requirements: (none)									
	(WD1539+530 (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			
	(130)	WD1539+530	RA: 15 40 54.1940 (235.2258083d) Dec: +52 52 42.54 (52.87848d) Equinox: J2000	Proper Motion RA: 0 mas/yr Proper Motion Dec: 0 mas/yr Epoch of Position: 2016		V=15.60+/-0.1 GALEX NUV=15.6 GALEX F UV=15.1	Reference Frame: ICRS			
<i>Comments: Teff=26790K logg=7.89 2015/12/15: Coordinates + PM updated Extended=NO</i>										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	ACQ/PEAK XD (COS.sa.735 651)	(130) WD1539+530	COS/FUV, ACQ/PEAKXD, PSA	G130M 1291 A				1 Secs (1 Secs) [==>]	[1]
	2	ACQ/PEAK D (COS.sa.735 651)	(130) WD1539+530	COS/FUV, ACQ/PEAKD, PSA	G130M 1291 A	STEP-SIZE=0.9; NUM-POS=5; CENTER=DEF			1 Secs (1 Secs) [==>]	[1]
	3	COS/G130 M FP-POS=1 (COS.sp.735 647)	(130) WD1539+530	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=1			600 Secs (600 Secs) [==>]	[1]
	4	COS/G130 M FP-POS=4 (COS.sp.735 647)	(130) WD1539+530	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=24 5; FLASH=YES; FP-POS=4			600 Secs (600 Secs) [==>]	[1]

