



15145 - The Hubble Constant to 1%: Physics beyond LambdaCDM

Cycle: 25, Proposal Category: GO

(Availability Mode: AVAILABLE)

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) N0691	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:01:48.0	yes
02	(1) N0691	WFC3/UVIS	1	31-Oct-2018 11:01:49.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
03	(1) N0691 (11) N0691-UVIS	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:01:50.0	yes
04	(11) N0691-UVIS	WFC3/UVIS	1	31-Oct-2018 11:01:51.0	yes
05	(11) N0691-UVIS	WFC3/UVIS	1	31-Oct-2018 11:01:52.0	yes
06	(1) N0691 (11) N0691-UVIS	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:01:53.0	yes
07	(11) N0691-UVIS	WFC3/UVIS	1	31-Oct-2018 11:01:54.0	yes
08	(11) N0691-UVIS	WFC3/UVIS	1	31-Oct-2018 11:01:54.0	yes
09	(11) N0691-UVIS	WFC3/UVIS	2	31-Oct-2018 11:01:55.0	yes
0A	(11) N0691-UVIS	WFC3/UVIS	1	31-Oct-2018 11:01:56.0	yes
0B	(1) N0691 (11) N0691-UVIS	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:01:57.0	yes
0C	(11) N0691-UVIS	WFC3/UVIS	1	31-Oct-2018 11:01:58.0	yes
0D	(11) N0691-UVIS	WFC3/UVIS	1	31-Oct-2018 11:01:59.0	yes
11	(2) N1559	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:01:59.0	yes
12	(2) N1559	WFC3/UVIS	1	31-Oct-2018 11:02:00.0	yes
13	(2) N1559	WFC3/UVIS	1	31-Oct-2018 11:02:01.0	yes
14	(2) N1559	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:02:02.0	yes
15	(2) N1559	WFC3/UVIS	1	31-Oct-2018 11:02:02.0	yes
16	(2) N1559	WFC3/UVIS	1	31-Oct-2018 11:02:03.0	yes
17	(2) N1559	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:02:04.0	yes
18	(2) N1559	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:02:05.0	yes
19	(2) N1559	WFC3/UVIS	1	31-Oct-2018 11:02:05.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
1A	(2) N1559	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:02:07.0	yes
1B	(2) N1559	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:02:08.0	yes
1C	(2) N1559	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:02:08.0	yes
1D	(2) N1559	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:02:09.0	yes
1E	(2) N1559	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:02:10.0	yes
1F	(2) N1559	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:02:11.0	yes
21	(3) N2608	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:12.0	yes
22	(3) N2608	WFC3/UVIS	1	31-Oct-2018 11:02:12.0	yes
23	(3) N2608	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:13.0	yes
24	(3) N2608	WFC3/UVIS	1	31-Oct-2018 11:02:14.0	yes
25	(3) N2608	WFC3/UVIS	1	31-Oct-2018 11:02:15.0	yes
26	(3) N2608	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:16.0	yes
27	(3) N2608	WFC3/UVIS	1	31-Oct-2018 11:02:16.0	yes
28	(3) N2608	WFC3/UVIS	1	31-Oct-2018 11:02:17.0	yes
29	(3) N2608	WFC3/UVIS	2	31-Oct-2018 11:02:18.0	yes
2A	(3) N2608	WFC3/UVIS	1	31-Oct-2018 11:02:19.0	yes
2B	(3) N2608	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:20.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
31	(4) N3147	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:21.0	yes
32	(4) N3147	WFC3/UVIS	2	31-Oct-2018 11:02:22.0	yes
33	(4) N3147	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:24.0	yes
34	(4) N3147	WFC3/UVIS	2	31-Oct-2018 11:02:25.0	yes
35	(4) N3147	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:26.0	yes
36	(4) N3147	WFC3/UVIS	2	31-Oct-2018 11:02:27.0	yes
37	(4) N3147	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:28.0	yes
38	(4) N3147	WFC3/UVIS	2	31-Oct-2018 11:02:29.0	yes
39	(4) N3147	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:30.0	yes
3A	(4) N3147	WFC3/UVIS	2	31-Oct-2018 11:02:31.0	yes
3B	(4) N3147	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:32.0	yes
41	(5) N3583	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:34.0	yes
42	(5) N3583	WFC3/UVIS	1	31-Oct-2018 11:02:34.0	yes
43	(5) N3583	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:35.0	yes
44	(5) N3583	WFC3/UVIS	1	31-Oct-2018 11:02:36.0	yes
45	(5) N3583	WFC3/UVIS	1	31-Oct-2018 11:02:37.0	yes
46	(5) N3583	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:38.0	yes
47	(5) N3583	WFC3/UVIS	1	31-Oct-2018 11:02:38.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
48	(5) N3583	WFC3/UVIS	1	31-Oct-2018 11:02:39.0	yes
49	(5) N3583	WFC3/UVIS	2	31-Oct-2018 11:02:40.0	yes
4A	(5) N3583	WFC3/UVIS	1	31-Oct-2018 11:02:41.0	yes
4B	(5) N3583	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:42.0	yes
51	(6) N5468	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:43.0	yes
52	(6) N5468	WFC3/UVIS	2	31-Oct-2018 11:02:44.0	yes
53	(6) N5468	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:45.0	yes
54	(6) N5468	WFC3/UVIS	2	31-Oct-2018 11:02:47.0	yes
55	(6) N5468	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:48.0	yes
56	(6) N5468	WFC3/UVIS	2	31-Oct-2018 11:02:49.0	yes
57	(6) N5468	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:50.0	yes
58	(6) N5468	WFC3/UVIS	2	31-Oct-2018 11:02:51.0	yes
59	(6) N5468	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:52.0	yes
5A	(6) N5468	WFC3/UVIS	2	31-Oct-2018 11:02:53.0	yes
5B	(6) N5468	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:02:54.0	yes
61	(7) N5643	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:02:56.0	yes
62	(7) N5643	WFC3/UVIS	1	31-Oct-2018 11:02:57.0	yes
63	(7) N5643	WFC3/UVIS	1	31-Oct-2018 11:02:57.0	yes
64	(7) N5643	WFC3/UVIS	1	31-Oct-2018 11:02:58.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
65	(7) N5643	WFC3/UVIS	1	31-Oct-2018 11:02:59.0	yes
66	(7) N5643	WFC3/UVIS	1	31-Oct-2018 11:02:59.0	yes
67	(7) N5643	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:00.0	yes
68	(7) N5643	WFC3/UVIS	1	31-Oct-2018 11:03:01.0	yes
69	(7) N5643	WFC3/UVIS	1	31-Oct-2018 11:03:02.0	yes
6A	(7) N5643	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:03.0	yes
6B	(7) N5643	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:03.0	yes
6C	(7) N5643	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:04.0	yes
6D	(7) N5643	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:05.0	yes
6E	(7) N5643	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:06.0	yes
6F	(7) N5643	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:06.0	yes
71	(8) N5861	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:07.0	yes
72	(8) N5861	WFC3/UVIS	1	31-Oct-2018 11:03:08.0	yes
73	(8) N5861	WFC3/UVIS	1	31-Oct-2018 11:03:09.0	yes
74	(8) N5861	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:09.0	yes
75	(8) N5861	WFC3/UVIS	1	31-Oct-2018 11:03:10.0	yes
76	(8) N5861	WFC3/UVIS	1	31-Oct-2018 11:03:11.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
77	(8) N5861	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:11.0	yes
78	(8) N5861	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:12.0	yes
79	(8) N5861	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:13.0	yes
7A	(8) N5861	WFC3/UVIS	1	31-Oct-2018 11:03:14.0	yes
7B	(8) N5861	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:14.0	yes
7C	(8) N5861	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:16.0	yes
7D	(8) N5861	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:17.0	yes
7E	(8) N5861	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:17.0	yes
7F	(8) N5861	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:18.0	yes
7G	(8) N5861	WFC3/UVIS	1	31-Oct-2018 11:03:19.0	yes
81	(9) N6384	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:20.0	yes
82	(9) N6384	WFC3/UVIS	1	31-Oct-2018 11:03:20.0	yes
83	(9) N6384	WFC3/UVIS	1	31-Oct-2018 11:03:21.0	yes
84	(9) N6384	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:22.0	yes
85	(9) N6384	WFC3/UVIS	1	31-Oct-2018 11:03:22.0	yes
86	(9) N6384	WFC3/UVIS	1	31-Oct-2018 11:03:23.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
87	(9) N6384	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:24.0	yes
88	(9) N6384	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:25.0	yes
89	(9) N6384	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:25.0	yes
8A	(9) N6384	WFC3/UVIS	1	31-Oct-2018 11:03:26.0	yes
8B	(9) N6384	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:27.0	yes
8C	(9) N6384	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:28.0	yes
8D	(9) N6384	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:29.0	yes
8E	(9) N6384	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:29.0	yes
8F	(9) N6384	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:30.0	yes
91	(10) N7541	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:03:31.0	yes
92	(10) N7541	WFC3/UVIS	1	31-Oct-2018 11:03:32.0	yes
93	(10) N7541	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:03:33.0	yes
94	(10) N7541	WFC3/UVIS	1	31-Oct-2018 11:03:34.0	yes
95	(10) N7541	WFC3/UVIS	1	31-Oct-2018 11:03:35.0	yes
96	(10) N7541	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:03:36.0	yes
97	(10) N7541	WFC3/UVIS	1	31-Oct-2018 11:03:37.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
98	(10) N7541	WFC3/UVIS	1	31-Oct-2018 11:03:37.0	yes
99	(10) N7541	WFC3/UVIS	2	31-Oct-2018 11:03:38.0	yes
9A	(10) N7541	WFC3/UVIS	1	31-Oct-2018 11:03:39.0	yes
9B	(10) N7541	WFC3/IR WFC3/UVIS	2	31-Oct-2018 11:03:40.0	yes
A1	(20) N2525	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:41.0	yes
A2	(20) N2525	WFC3/UVIS	1	31-Oct-2018 11:03:42.0	yes
A3	(20) N2525	WFC3/UVIS	1	31-Oct-2018 11:03:43.0	yes
A4	(20) N2525	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:44.0	yes
A5	(20) N2525	WFC3/UVIS	1	31-Oct-2018 11:03:45.0	yes
A6	(20) N2525	WFC3/UVIS	1	31-Oct-2018 11:03:45.0	yes
A7	(20) N2525	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:46.0	yes
A8	(20) N2525	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:47.0	yes
A9	(20) N2525	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:48.0	yes
AA	(20) N2525	WFC3/UVIS	1	31-Oct-2018 11:03:48.0	yes
AB	(20) N2525	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:49.0	yes
AC	(20) N2525	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:50.0	yes
AD	(20) N2525	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:51.0	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>
AE	(20) N2525	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:51.0	yes
AF	(20) N2525	WFC3/IR WFC3/UVIS	1	31-Oct-2018 11:03:52.0	yes

186 Total Orbits Used

ABSTRACT

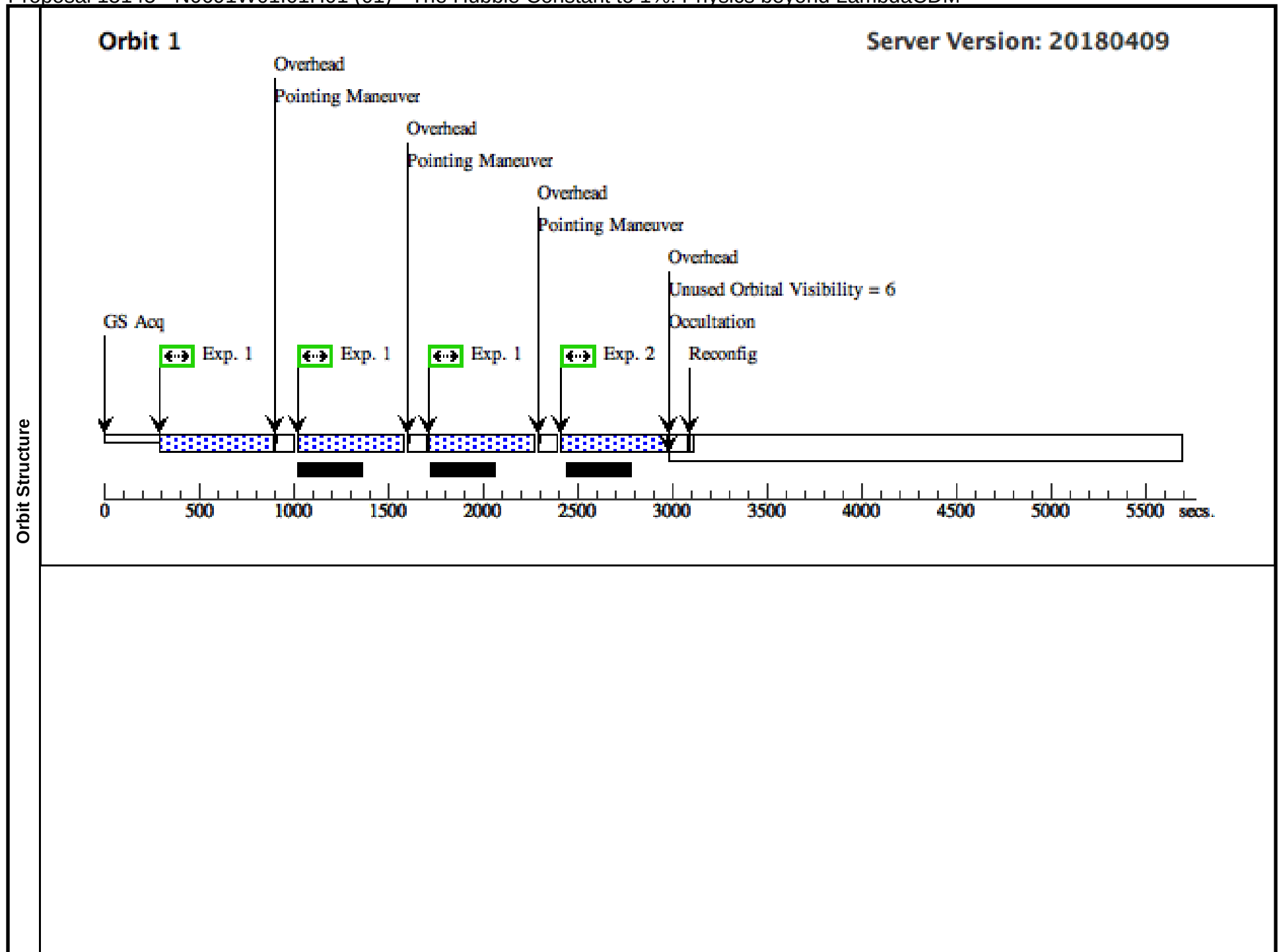
By steadily advancing the precision and accuracy of the Hubble constant, we now see 3.4-sigma evidence for a deviation from the standard LambdaCDM model and thus the exciting chance of discovering new fundamental physics such as exotic dark energy, a new relativistic particle, dark matter interactions, or a small curvature, to name a few possibilities. We propose a coordinated program to accomplish three goals with one set of observations: (1) improve the precision of the best route to H_0 with HST observations of Cepheids in the hosts of 11 SNe Ia, lowering the uncertainty to 1.3% to reach the "discovery" threshold of 5-sigma and begin resolving the underlying source of the deviation; (2) continue testing the quality of Cepheid distances, so far the most accurate and reliable indicators in the near Universe, using the tip of the red giant branch (TRGB); and (3) use oxygen-rich Miras to confirm the present tension with the CMB and establish a future route available to JWST. We can achieve all three goals with one dataset and take the penultimate step to reach 1% precision in H_0 after Gaia. With its long-pass filter and NIR capability, we can collect these data with WFC3 many times faster than previously possible while overcoming the extinction and metallicity effects that challenged the first generation of H_0 measurements. Our results will complement the leverage available at high redshift from other cosmological tools such as BAO, the CMB, and SNe Ia, and will provide a 40% improvement on the WFIRST measurements of dark energy. Reaching this precision will be a fitting legacy for the telescope charged to resolve decades of uncertainty regarding the Hubble constant.

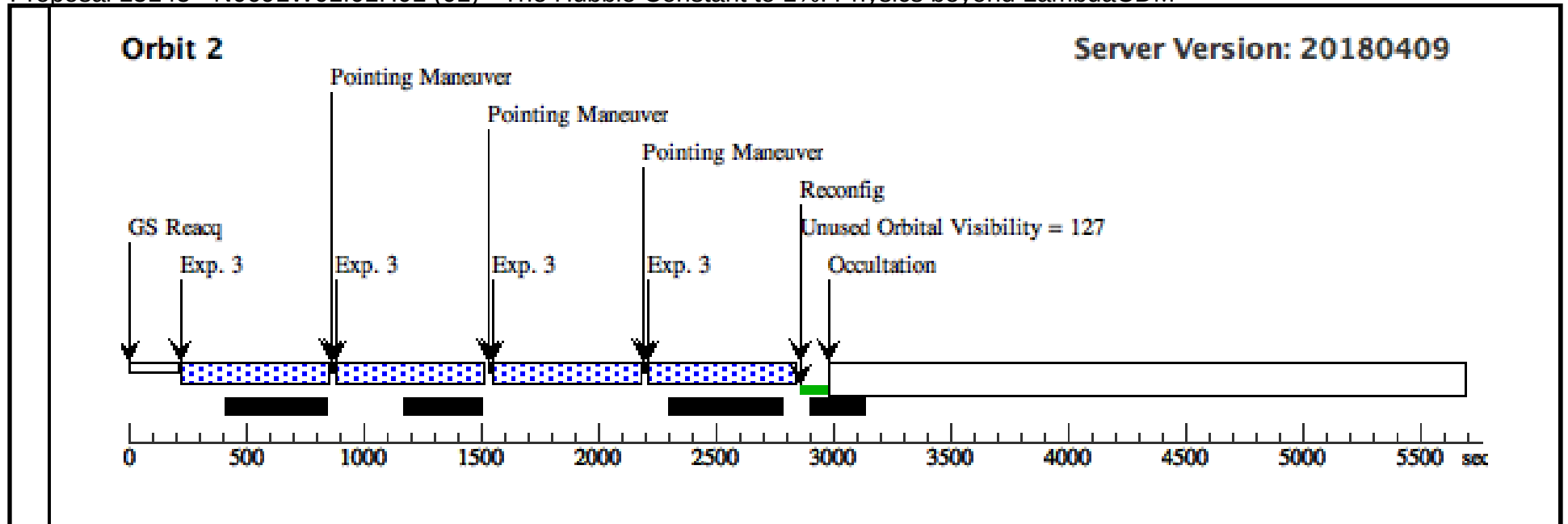
OBSERVING DESCRIPTION

Time-series observations of supernova host galaxies using WFC3/UVIS F350LP to search for Cepheids. Additional observations using WFC3/IR F160W to obtain mean magnitudes of the Cepheids and to search for Miras.

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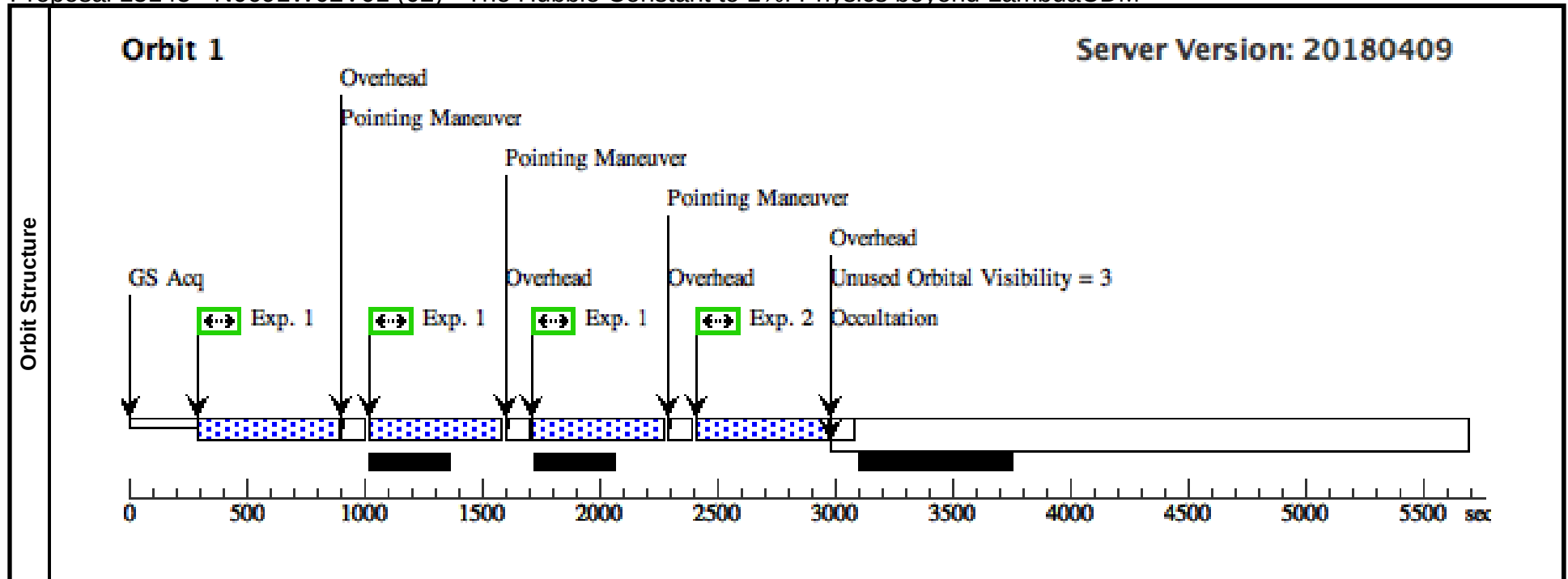
Visit	Proposal 15145, N0691W01I01H01 (01), failed										Wed Oct 31 15:03:54 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 80D TO 120 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=					Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(1)	
	(5)	Pattern Type=WFC3-IR-DITHER- BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365					Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	N0691		RA: 01 50 41.7220 (27.6738417d) Dec: +21 45 35.64 (21.75990d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(1) N0691	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 i n N0691W01I01H01 (01) (2)	566 Secs (1698 Secs)			
										[==>(Pattern 1)]		[1]	
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
	2		(1) N0691	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W				537 Secs (537 Secs)			
										[==>]		[1]	
3		(1) N0691	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N0691W01I01H01 (01) (5)	602.937703 Secs (2411.751 Secs)				
									[==>(Pattern 1)]		[2]		
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
									[==>(Pattern 4)]				





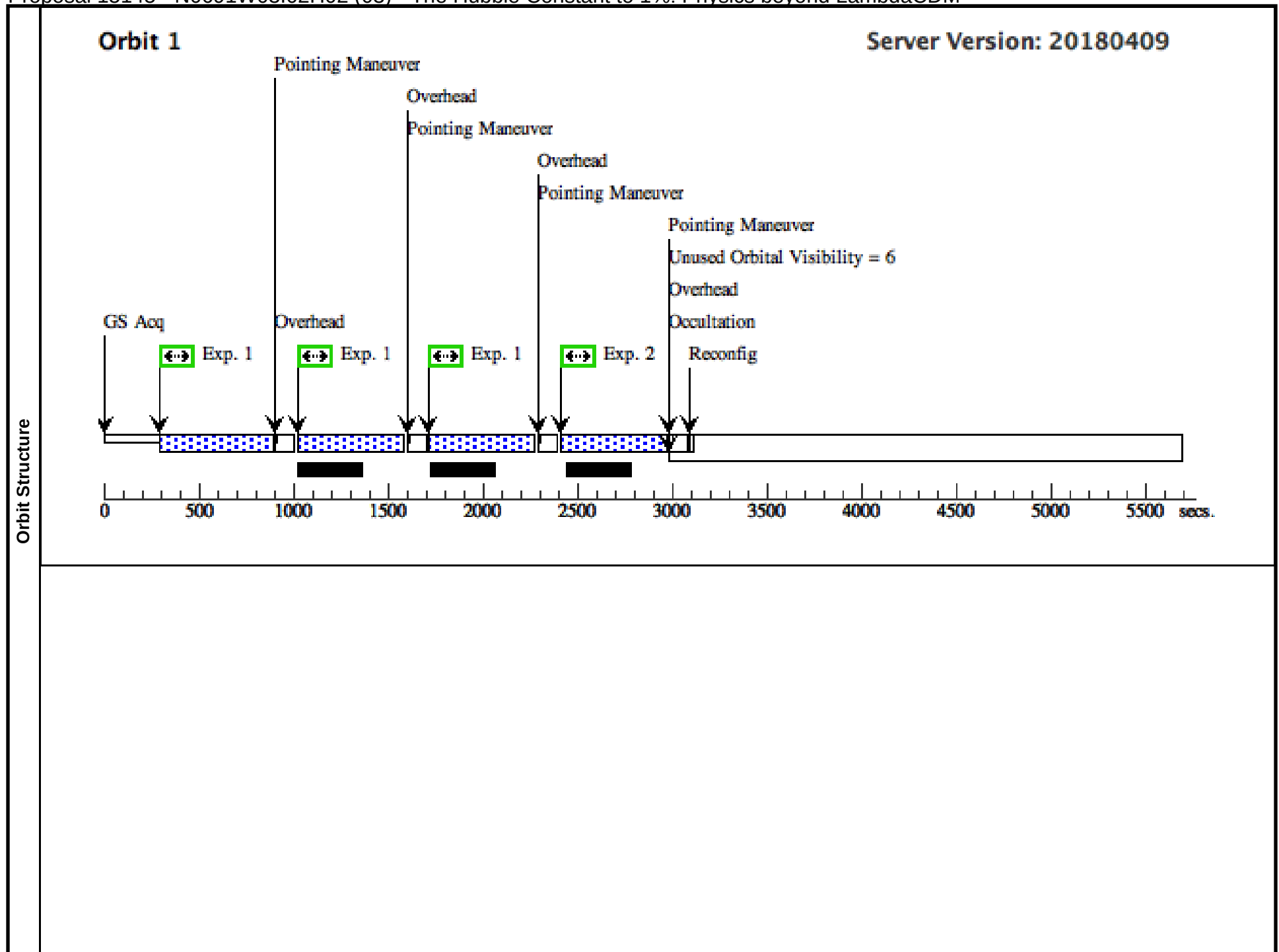
Proposal 15145 - N0691W02V01 (02) - The Hubble Constant to 1%: Physics beyond LambdaCDM

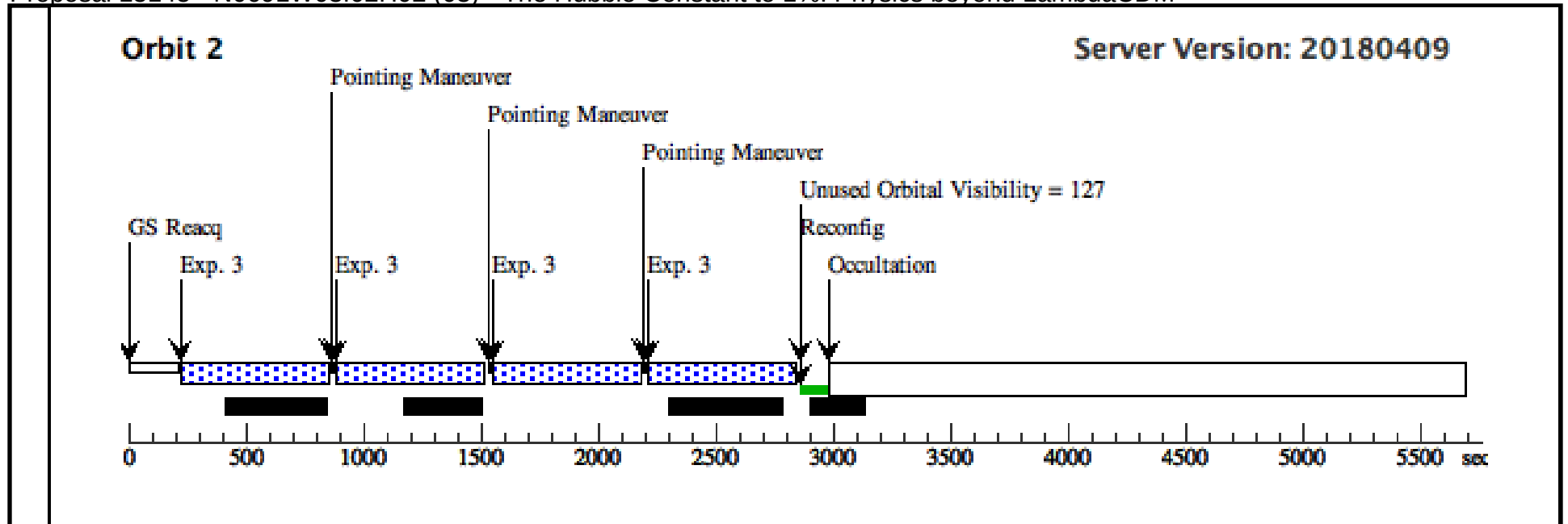
Visit	Proposal 15145, N0691W02V01 (02), failed										Wed Oct 31 15:03:54 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 01; AFTER 01 BY 6.90 D TO 7.90 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	N0691		RA: 01 50 41.7220 (27.6738417d) Dec: +21 45 35.64 (21.75990d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(1) N0691	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 i n N0691W02V01 (0 2) (2)	566 Secs (1698 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(1) N0691	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W				537 Secs (537 Secs)			
										[==>]		[1]	



Proposal 15145 - N0691W03I02H02 (03) - The Hubble Constant to 1%: Physics beyond LambdaCDM

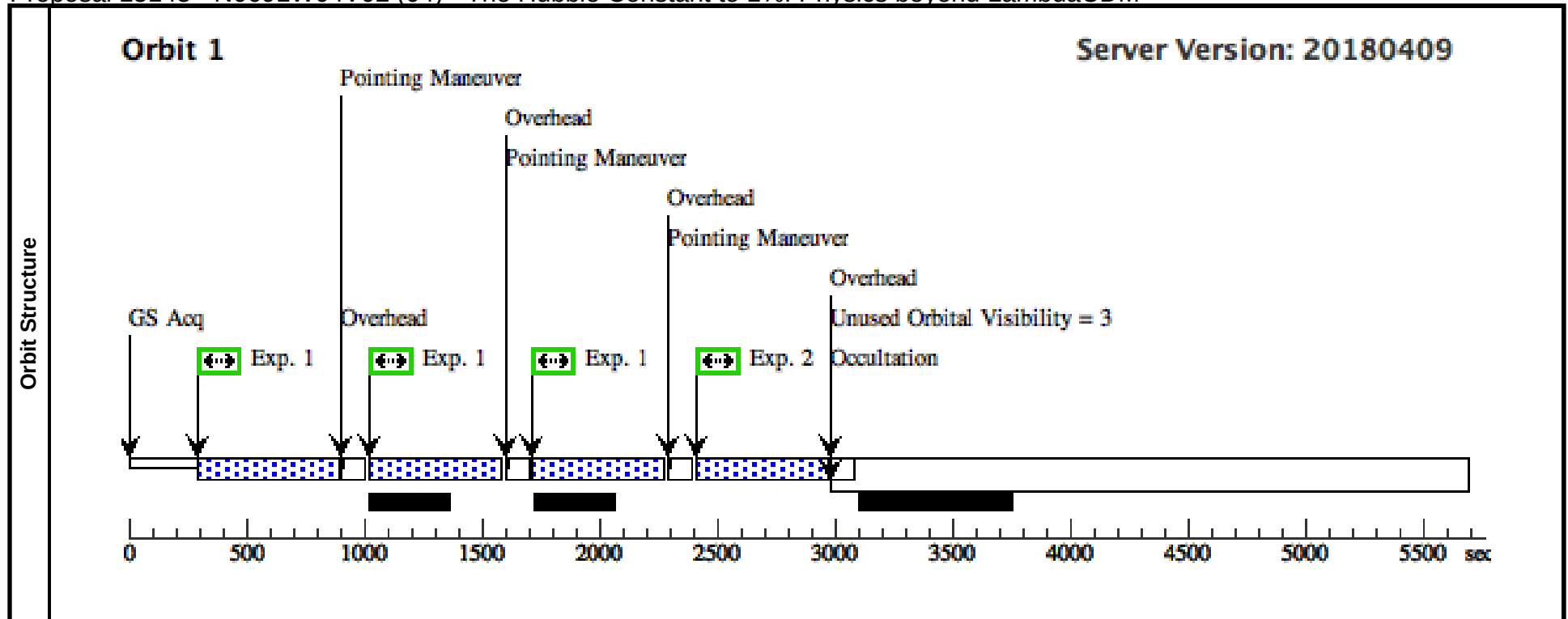
Visit	Proposal 15145, N0691W03I02H02 (03), completed										Wed Oct 31 15:03:54 GMT 2018			
	Diagnostic Status: No Diagnostics													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 01; AFTER 01 BY 18.88 D TO 19.88 D													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365			Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false								(3)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes			Miscellaneous		
	(1)	N0691	RA: 01 50 41.7220 (27.6738417d) Dec: +21 45 35.64 (21.75990d) Equinox: J2000						V=26			Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]													
	(11)	N0691-UVIS	RA: 01 50 40.8179 (27.6700746d) Dec: +21 45 17.76 (21.75493d) Equinox: J2000						V=26			Reference Frame: SIMBAD		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]														
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N0691W03I02H02 (03) (2)	566 Secs (1698 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W				537 Secs (537 Secs) [==>]		[1]		
	3		(1) N0691	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 in N0691W03I02H02 (03) (5)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]		





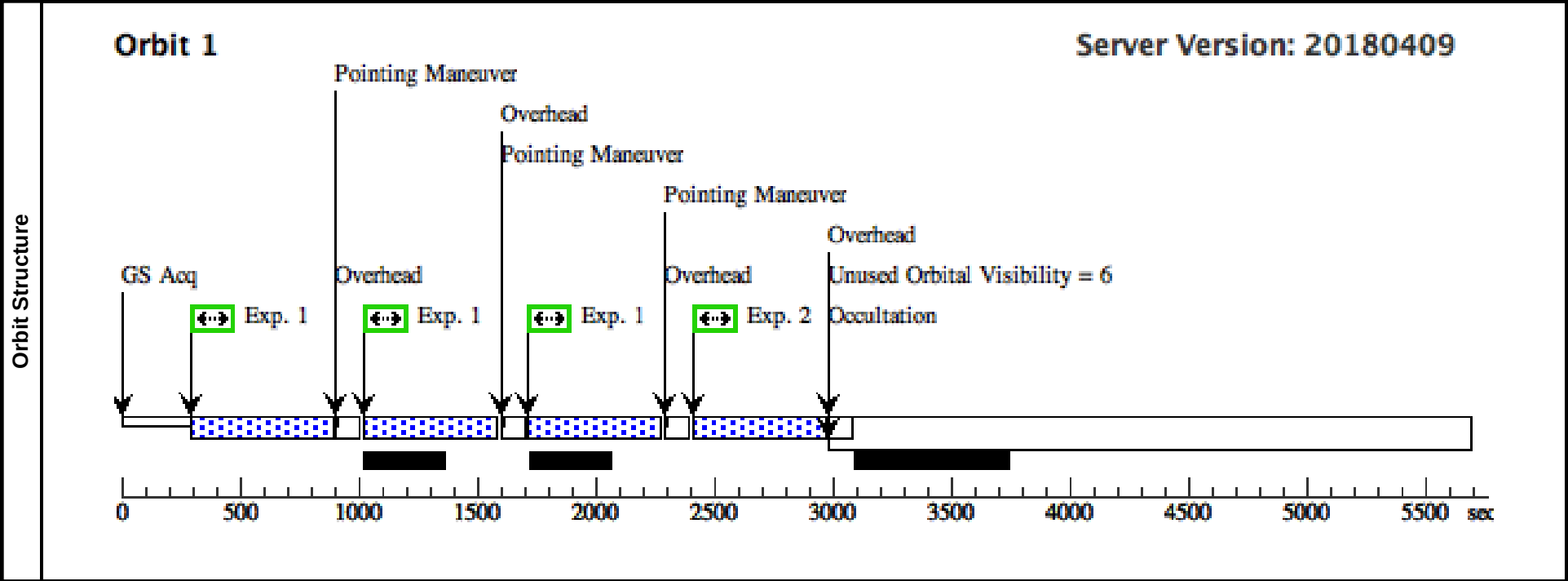
Proposal 15145 - N0691W04V02 (04) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N0691W04V02 (04), completed										Wed Oct 31 15:03:54 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 01; AFTER 01 BY 27.18 D TO 28.18 D											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(11)	N0691-UVIS		RA: 01 50 40.8179 (27.6700746d) Dec: +21 45 17.76 (21.75493d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N0691W04V02 (04) (2)	566 Secs (1698 Secs)		[1]
										[==>(Pattern 1)]		
										[==>(Pattern 2)]		
2		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W				537 Secs (537 Secs)		[1]	
									[==>]			



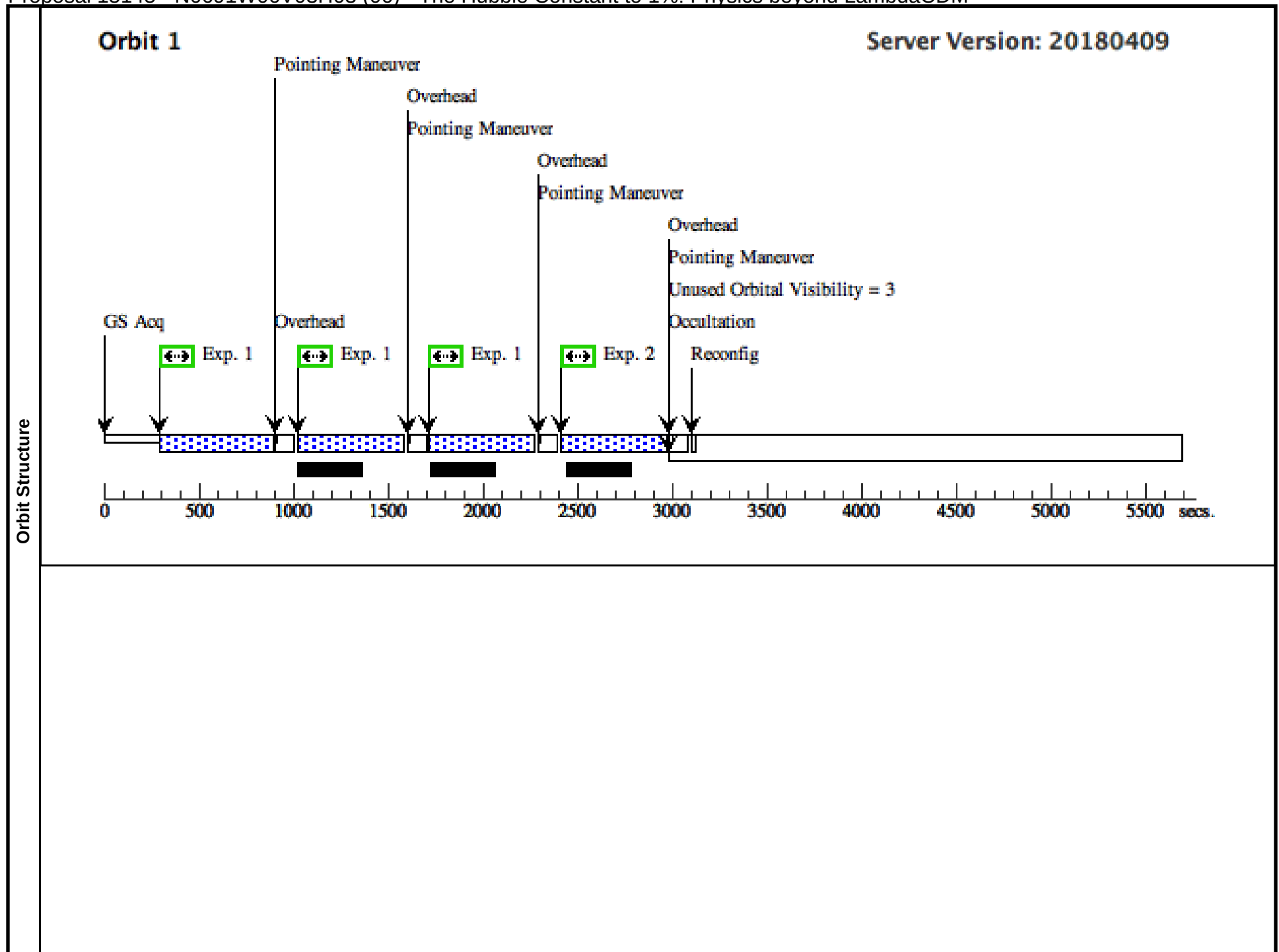
Proposal 15145 - N0691W05I03 (05) - The Hubble Constant to 1%: Physics beyond LambdaCDM

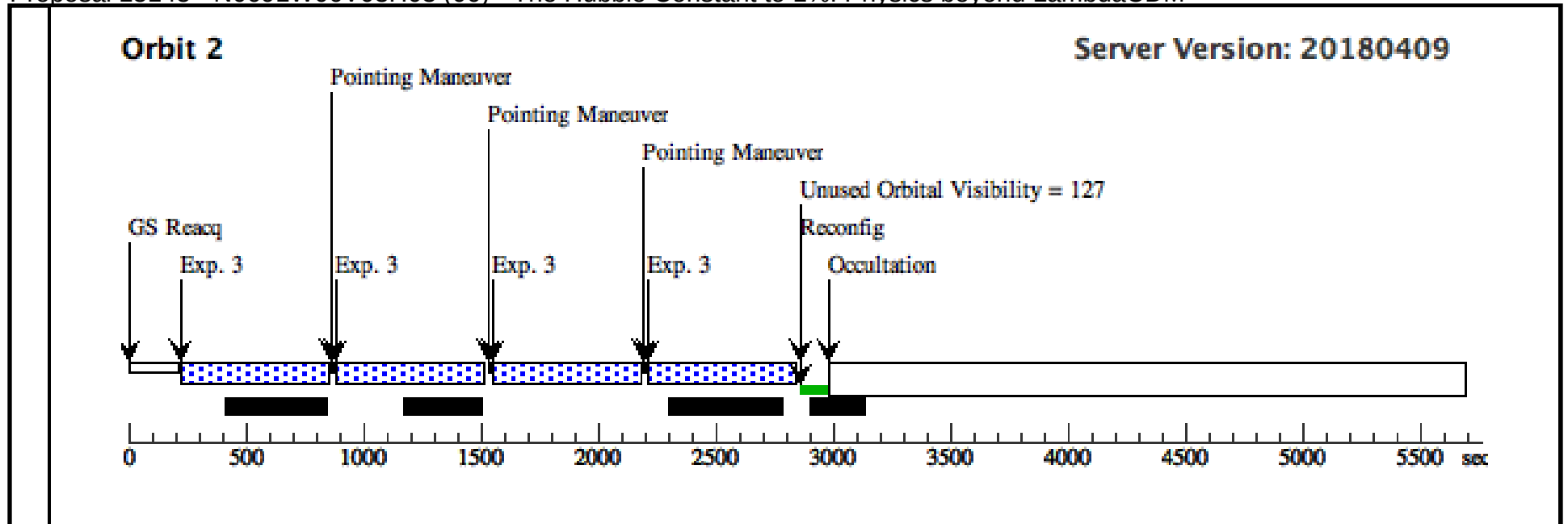
Visit	Proposal 15145, N0691W05I03 (05), completed										Wed Oct 31 15:03:54 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 01; AFTER 01 BY 36.63 D TO 37.63 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(11)	N0691-UVIS	RA: 01 50 40.8179 (27.6700746d) Dec: +21 45 17.76 (21.75493d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N0691W05I03 (05) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				537 Secs (537 Secs)		
									[==>]		[1]



Proposal 15145 - N0691W06V03H03 (06) - The Hubble Constant to 1%: Physics beyond LambdaCDM

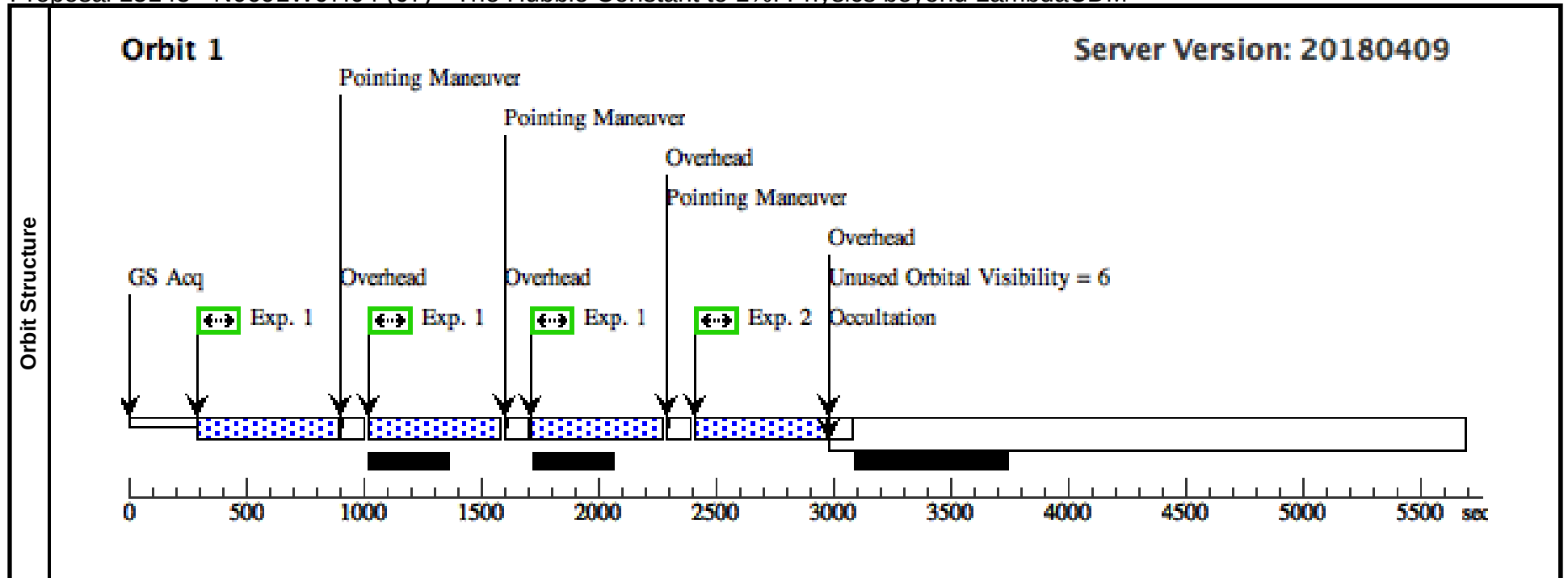
Visit	Proposal 15145, N0691W06V03H03 (06), completed										Wed Oct 31 15:03:54 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 01; AFTER 01 BY 50.21 D TO 51.21 D											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)		
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(3)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(1)	N0691	RA: 01 50 41.7220 (27.6738417d) Dec: +21 45 35.64 (21.75990d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
	(11)	N0691-UVIS	RA: 01 50 40.8179 (27.6700746d) Dec: +21 45 17.76 (21.75493d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N0691W06V03H03 (06) (2)	566 Secs (1698 Secs)			
									[==>(Pattern 1)]		[1]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
	2		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W					537 Secs (537 Secs)		
										[==>]		[1]
	3		(1) N0691	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 5, Exps 3-3 in N0691W06V03H03 (06) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)]		[2]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
									[==>(Pattern 4)]			





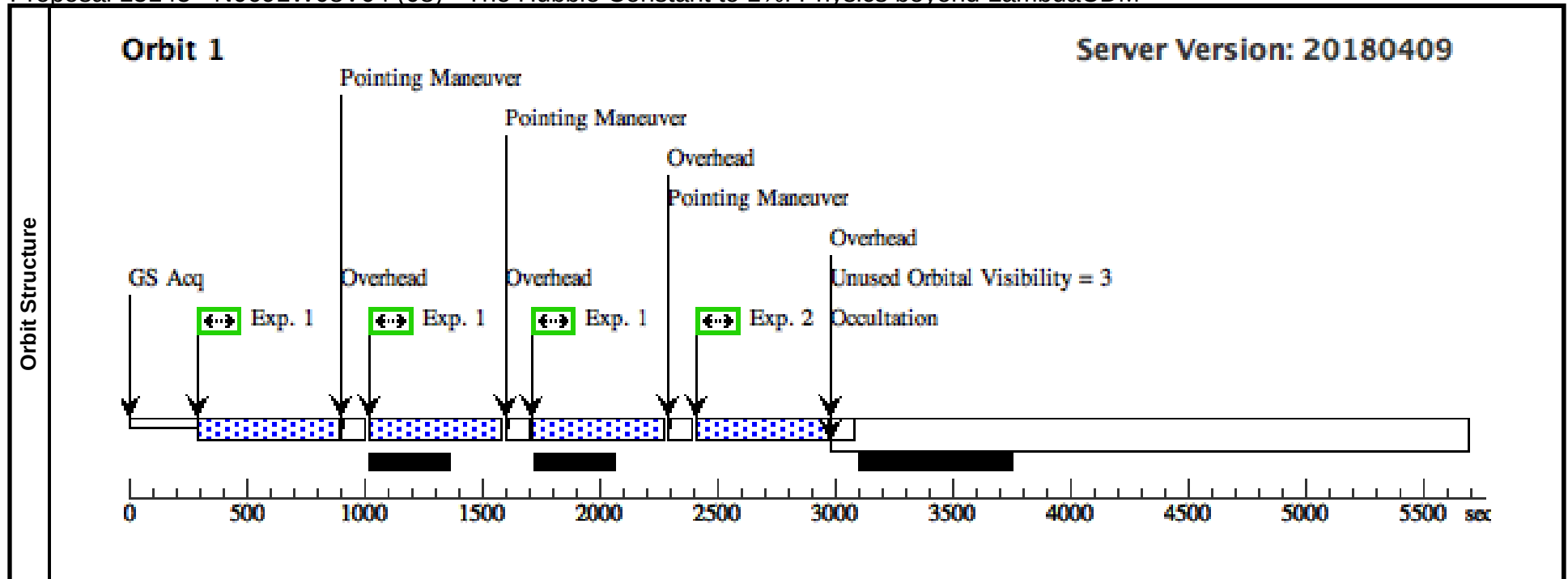
Proposal 15145 - N0691W07I04 (07) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N0691W07I04 (07), completed										Wed Oct 31 15:03:54 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; ORIENT -13D TO 0D FROM 01; AFTER 01 BY 60.68 D TO 61.68 D										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false									(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(11)	N0691-UVIS	RA: 01 50 40.8179 (27.6700746d) Dec: +21 45 17.76 (21.75493d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N0691W07I04 (07) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				537 Secs (537 Secs)		
									[==>]		[1]



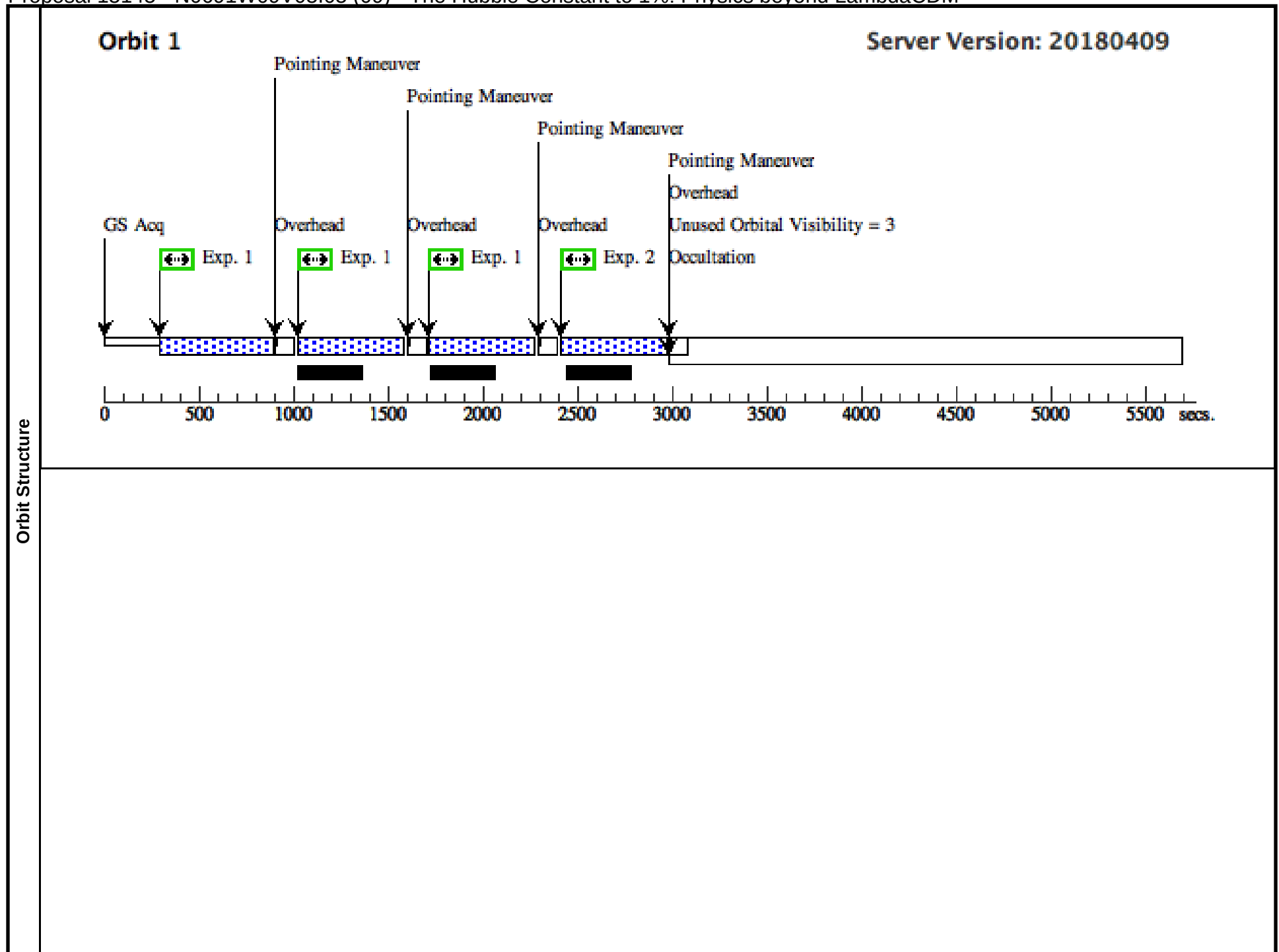
Proposal 15145 - N0691W08V04 (08) - The Hubble Constant to 1%: Physics beyond LambdaCDM

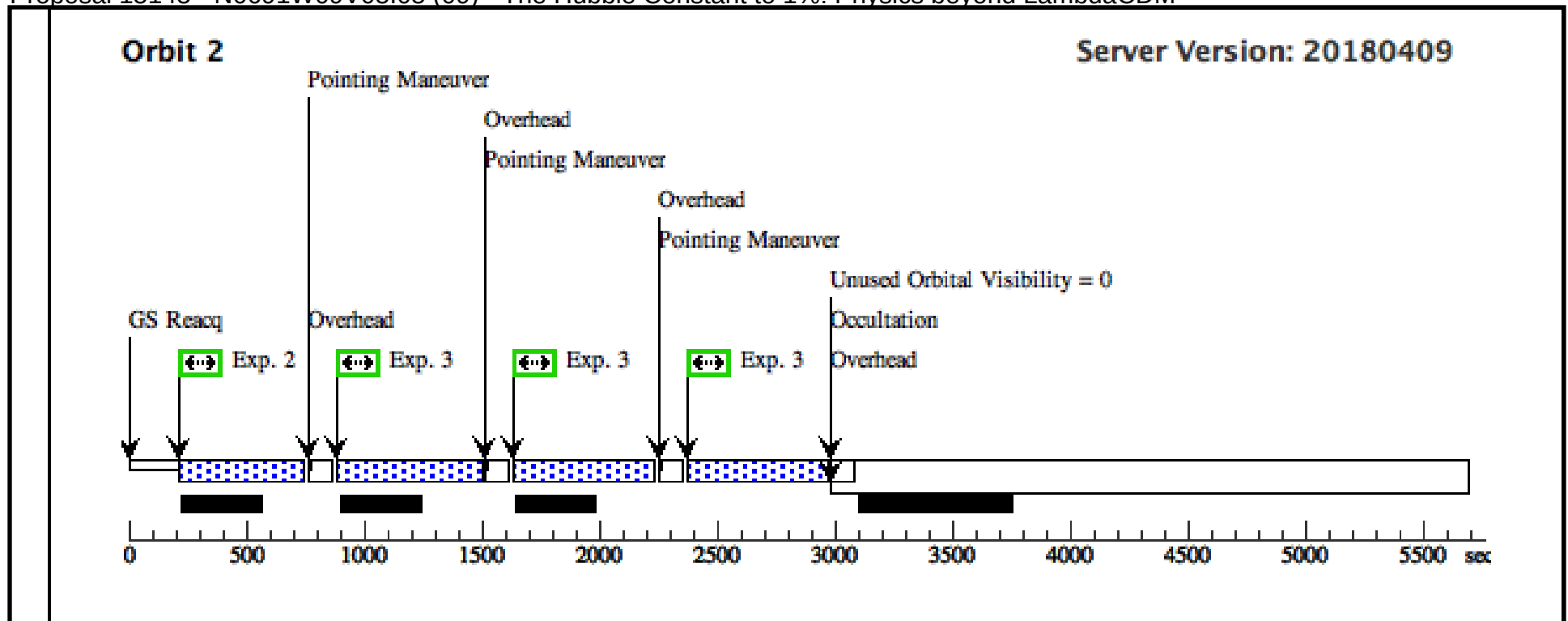
Visit	Proposal 15145, N0691W08V04 (08), completed										Wed Oct 31 15:03:54 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 07; AFTER 01 BY 72.16 D TO 73.16 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(11)	N0691-UVIS	RA: 01 50 40.8179 (27.6700746d) Dec: +21 45 17.76 (21.75493d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N0691W08V04 (08) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W				537 Secs (537 Secs)		
									[==>]		[1]



Proposal 15145 - N0691W09V05I05 (09) - The Hubble Constant to 1%: Physics beyond LambdaCDM

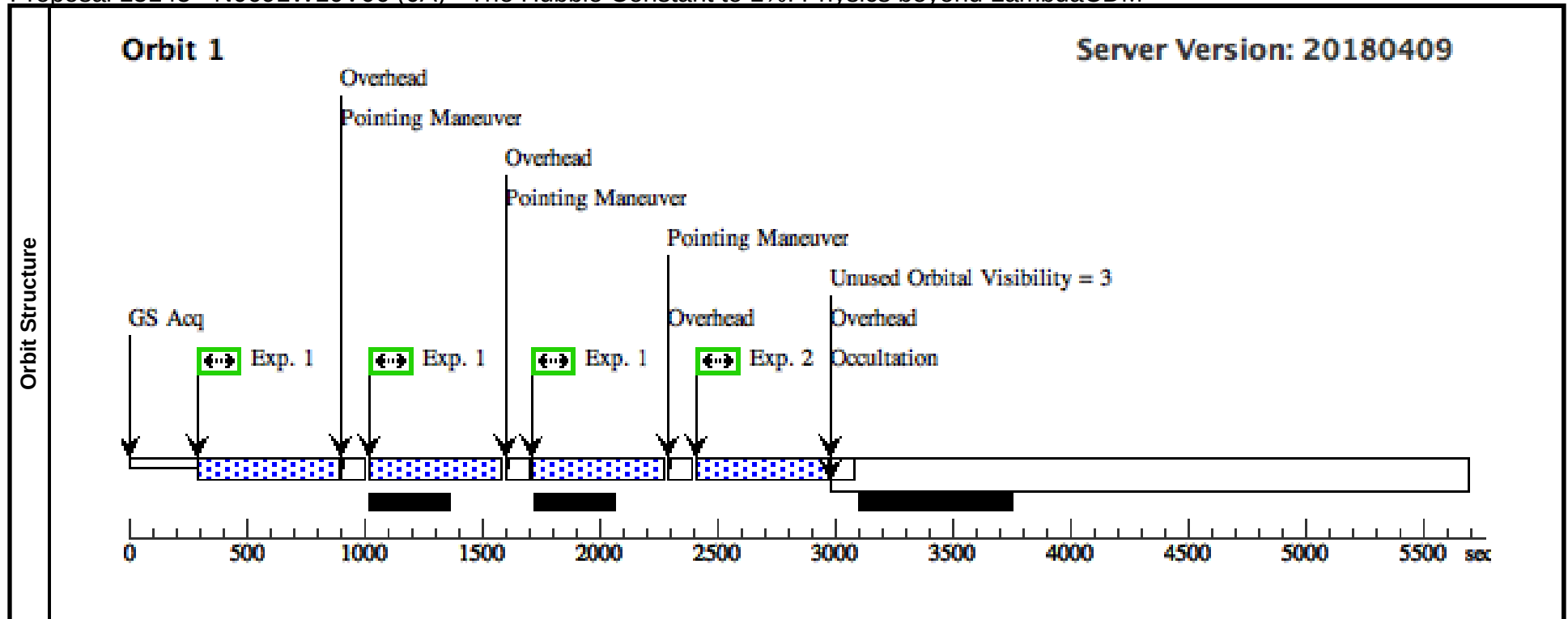
Visit	Proposal 15145, N0691W09V05I05 (09), completed										Wed Oct 31 15:03:54 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 07; AFTER 01 BY 85.04 D TO 86.04 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=										(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=										(1), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(11)	N0691-UVIS		RA: 01 50 40.8179 (27.6700746d) Dec: +21 45 17.76 (21.75493d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 i n N0691W09V05I05 (09) (2)	566 Secs (1698 Secs)			
									[==>(Pattern 1)]				
									[==>(Pattern 2)]			[1]	
									[==>(Pattern 3)]				
	2		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 i n N0691W09V05I05 (09) (1)	537 Secs (1074 Secs)			
									[==>(Pattern 1)]			[1]	
									[==>(Pattern 2)]			[2]	
	3		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W			Pattern 2, Exps 3-3 i n N0691W09V05I05 (09) (2)	607 Secs (1821 Secs)			
								[==>(Pattern 1)]					
								[==>(Pattern 2)]			[2]		
								[==>(Pattern 3)]					





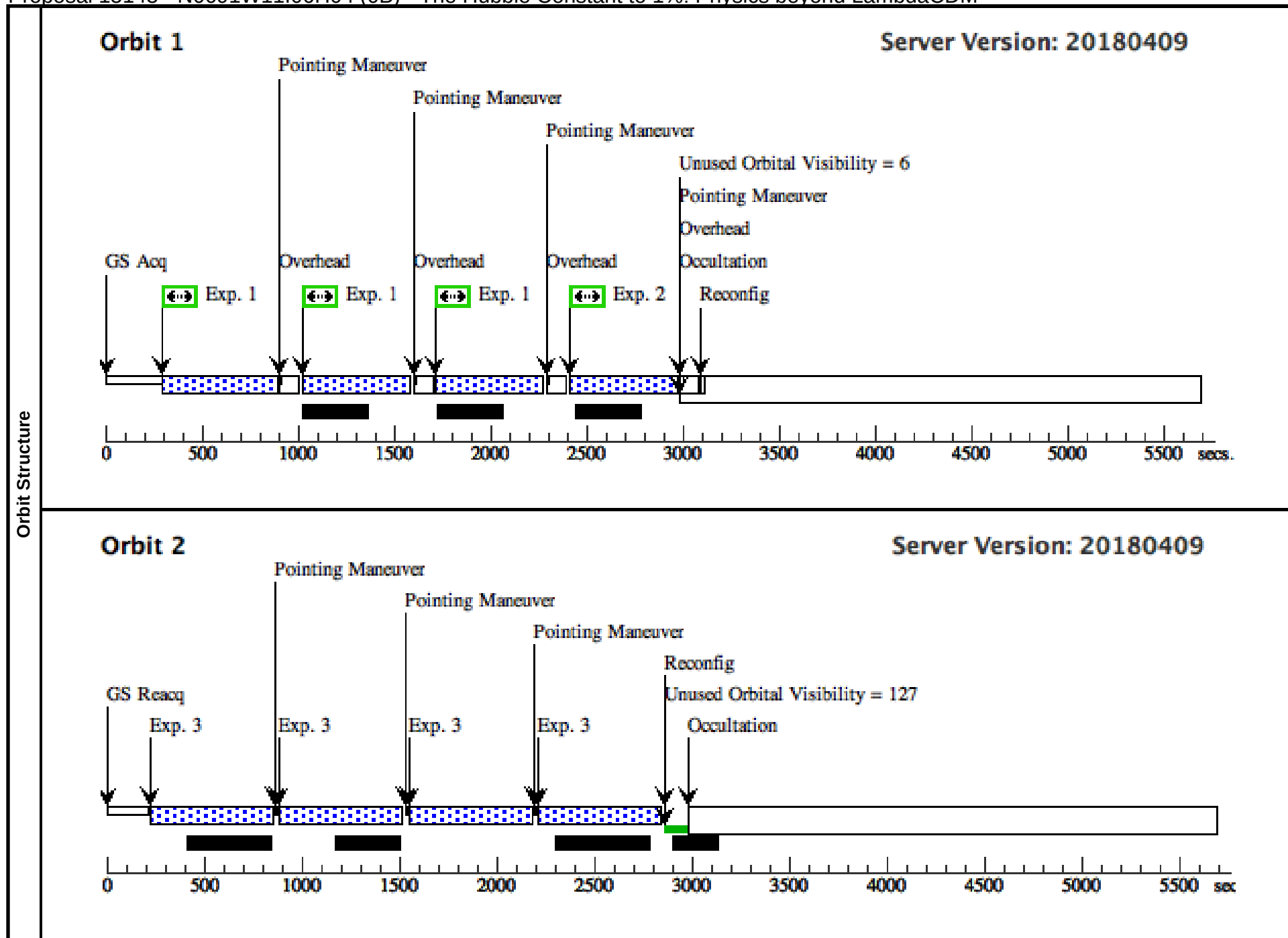
Proposal 15145 - N0691W10V06 (0A) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N0691W10V06 (0A), completed										Wed Oct 31 15:03:54 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 07; AFTER 01 BY 92.83 D TO 93.83 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(11)	N0691-UVIS	RA: 01 50 40.8179 (27.6700746d) Dec: +21 45 17.76 (21.75493d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N0691W10V06 (0A) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W				537 Secs (537 Secs)		
									[==>]		[1]



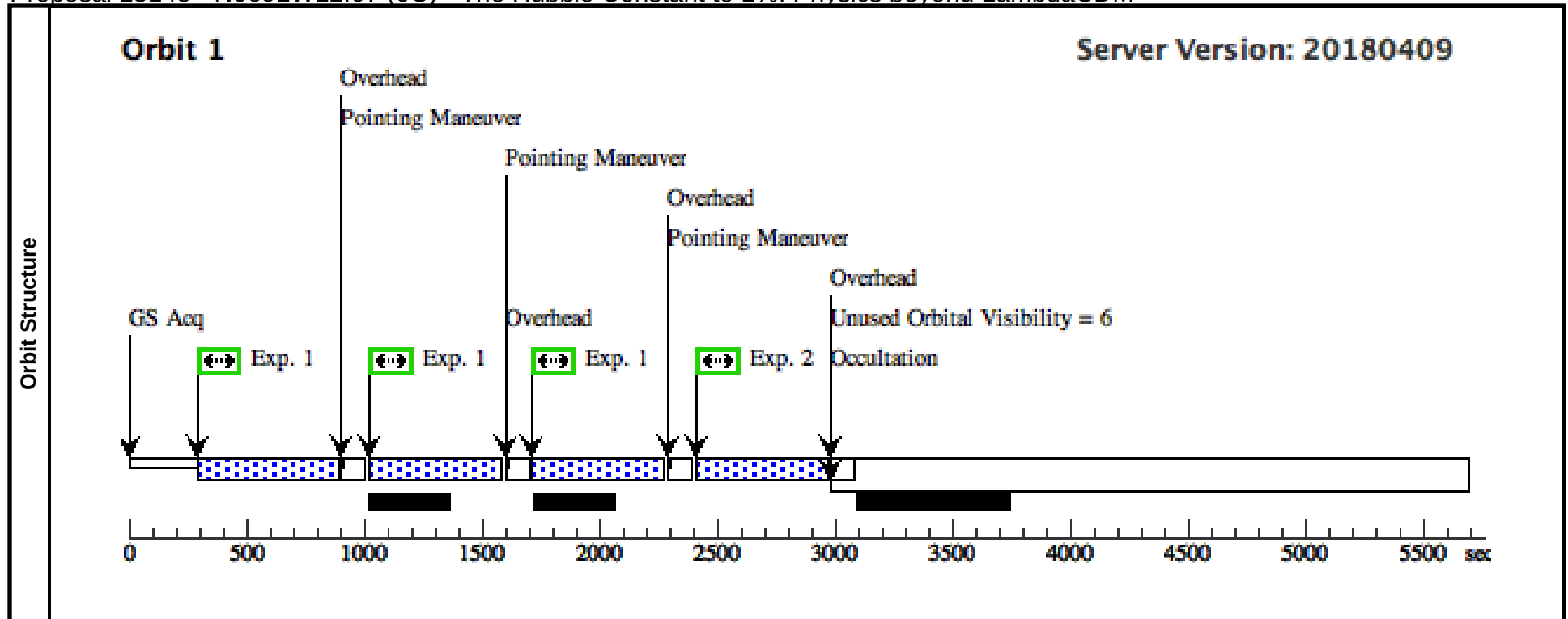
Proposal 15145 - N0691W11I06H04 (0B) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N0691W11I06H04 (0B), completed										Wed Oct 31 15:03:54 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 07; AFTER 01 BY 99.3 D TO 100.5 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(1)	N0691	RA: 01 50 41.7220 (27.6738417d) Dec: +21 45 35.64 (21.75990d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
	(11)	N0691-UVIS	RA: 01 50 40.8179 (27.6700746d) Dec: +21 45 17.76 (21.75493d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N0691W11I06H04 (0B) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
	2		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				537 Secs (537 Secs)		
									[==>]		[1]
	3		(1) N0691	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 in N0691W11I06H04 (0B) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)]		[2]
									[==>(Pattern 2)]		
								[==>(Pattern 3)]			
								[==>(Pattern 4)]			



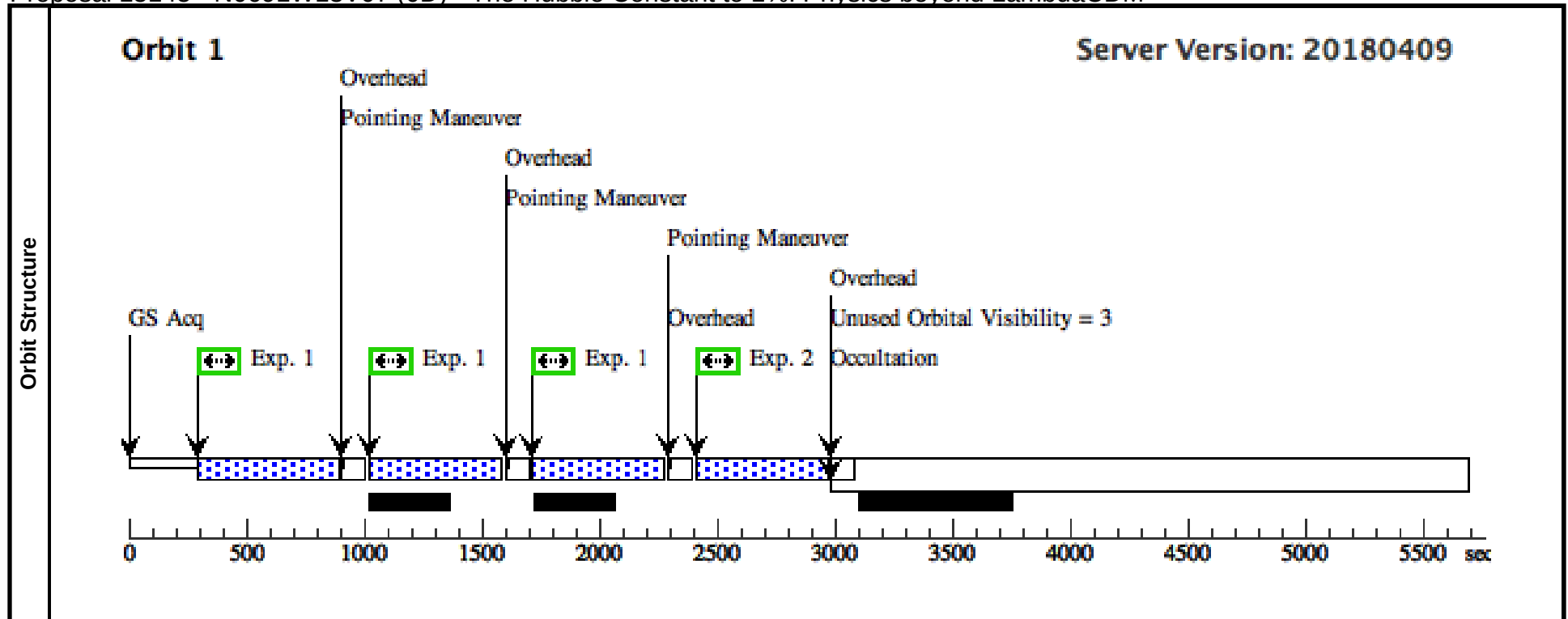
Proposal 15145 - N0691W12I07 (0C) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N0691W12I07 (0C), completed										Wed Oct 31 15:03:55 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; ORIENT -2D TO 2D FROM 07; AFTER 0B BY 6.5 D TO 7.5 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(11)	N0691-UVIS	RA: 01 50 40.8179 (27.6700746d) Dec: +21 45 17.76 (21.75493d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N0691W12I07 (0C) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				537 Secs (537 Secs)		
									[==>]		[1]



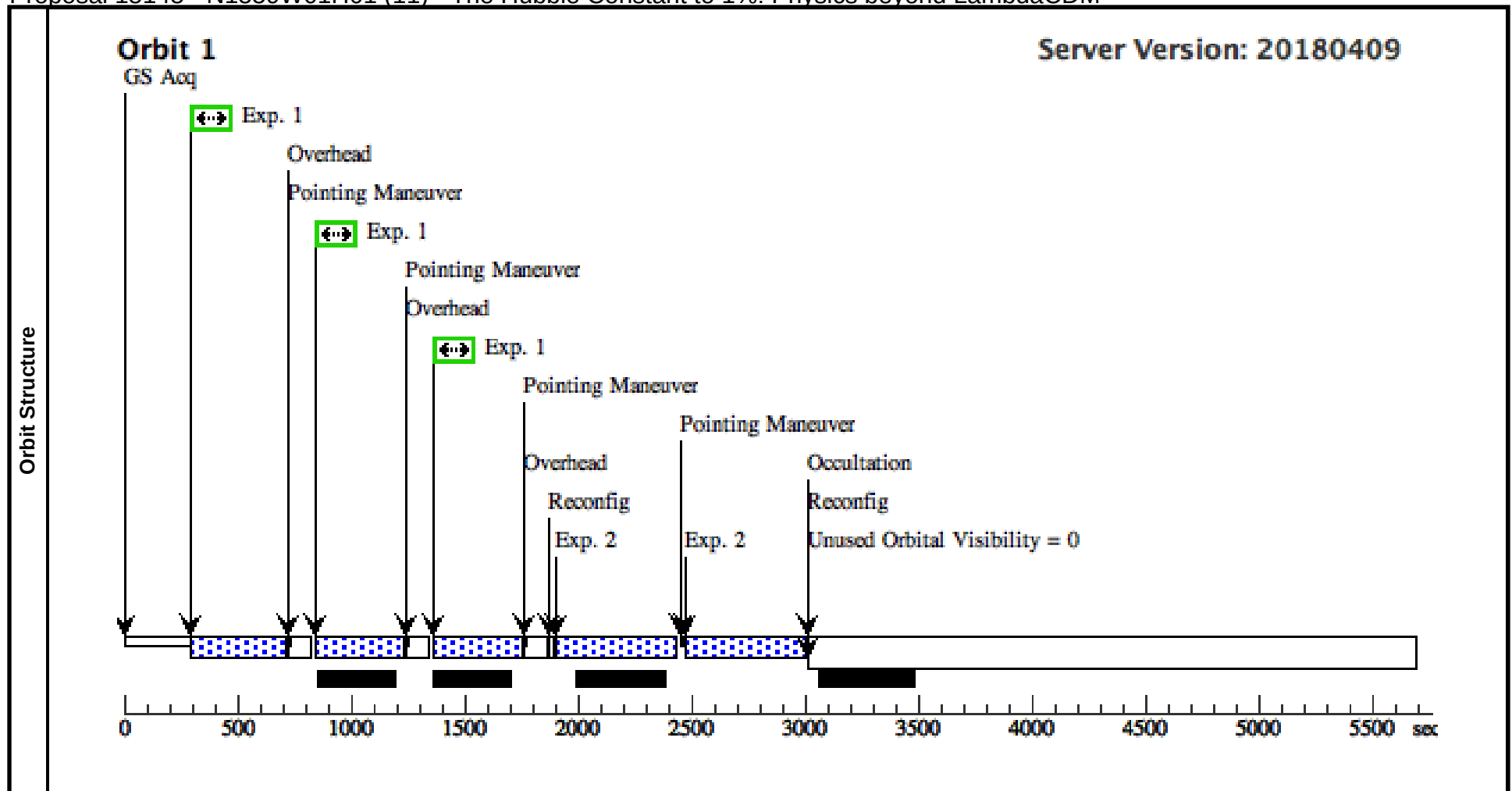
Proposal 15145 - N0691W13V07 (0D) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N0691W13V07 (0D), completed										Wed Oct 31 15:03:55 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; ORIENT -2.15D TO 2D FROM 07; AFTER 0C BY 7 D TO 8 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(11)	N0691-UVIS	RA: 01 50 40.8179 (27.6700746d) Dec: +21 45 17.76 (21.75493d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N0691W13V07 (0D) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(11) N0691-UVIS	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W				537 Secs (537 Secs)		
									[==>]		[1]



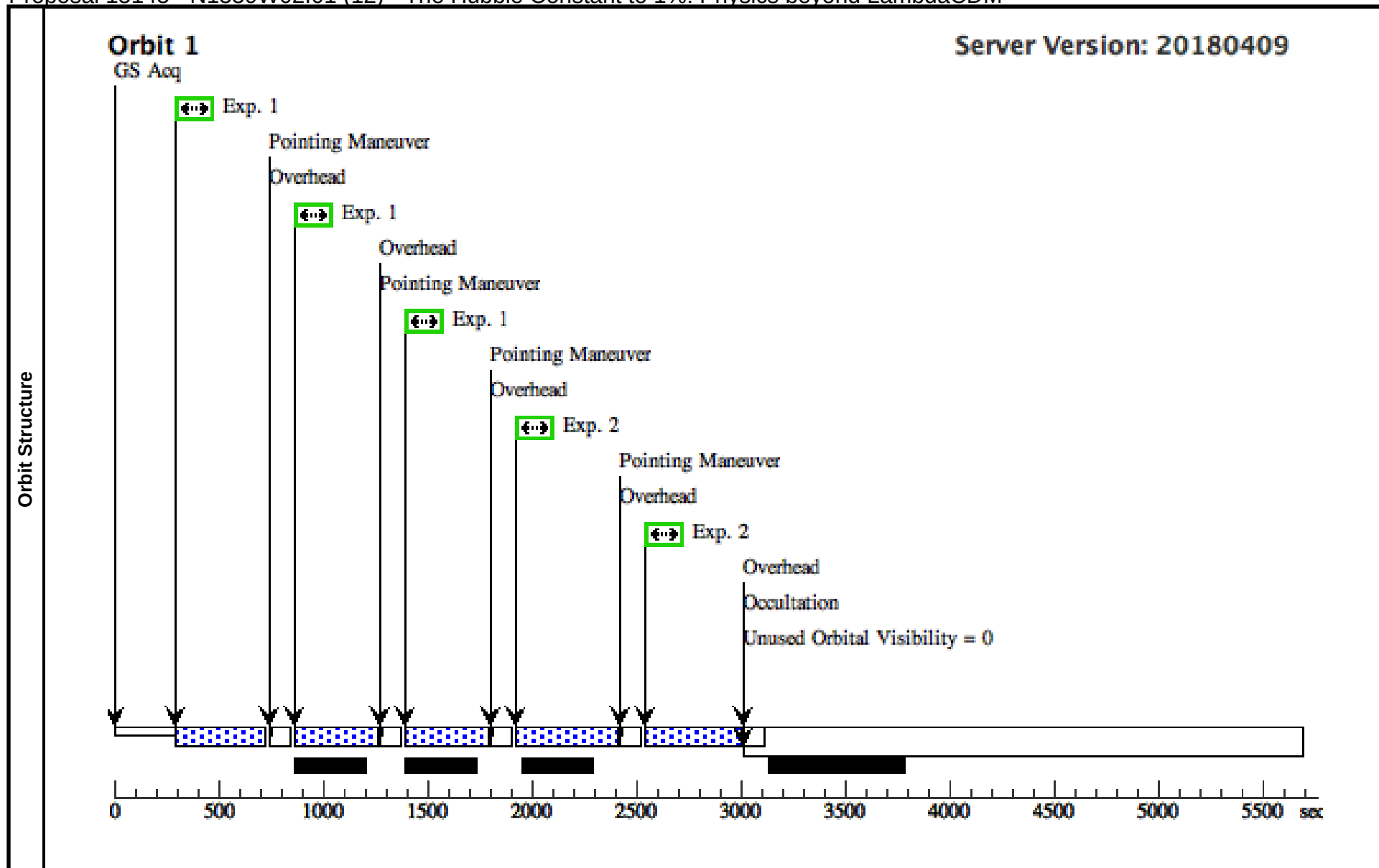
Proposal 15145 - N1559W01H01 (11) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W01H01 (11), completed										Wed Oct 31 15:03:55 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; ORIENT 240D TO 320 D										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	N1559	RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=GALAXY</i> <i>Description=[SPIRAL]</i>				V=26		Reference Frame: SIMBAD		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N1559W01H01 (1 1) (2)	388 Secs (1164 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(2) N1559	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N1559W01H01 (1 1) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]	



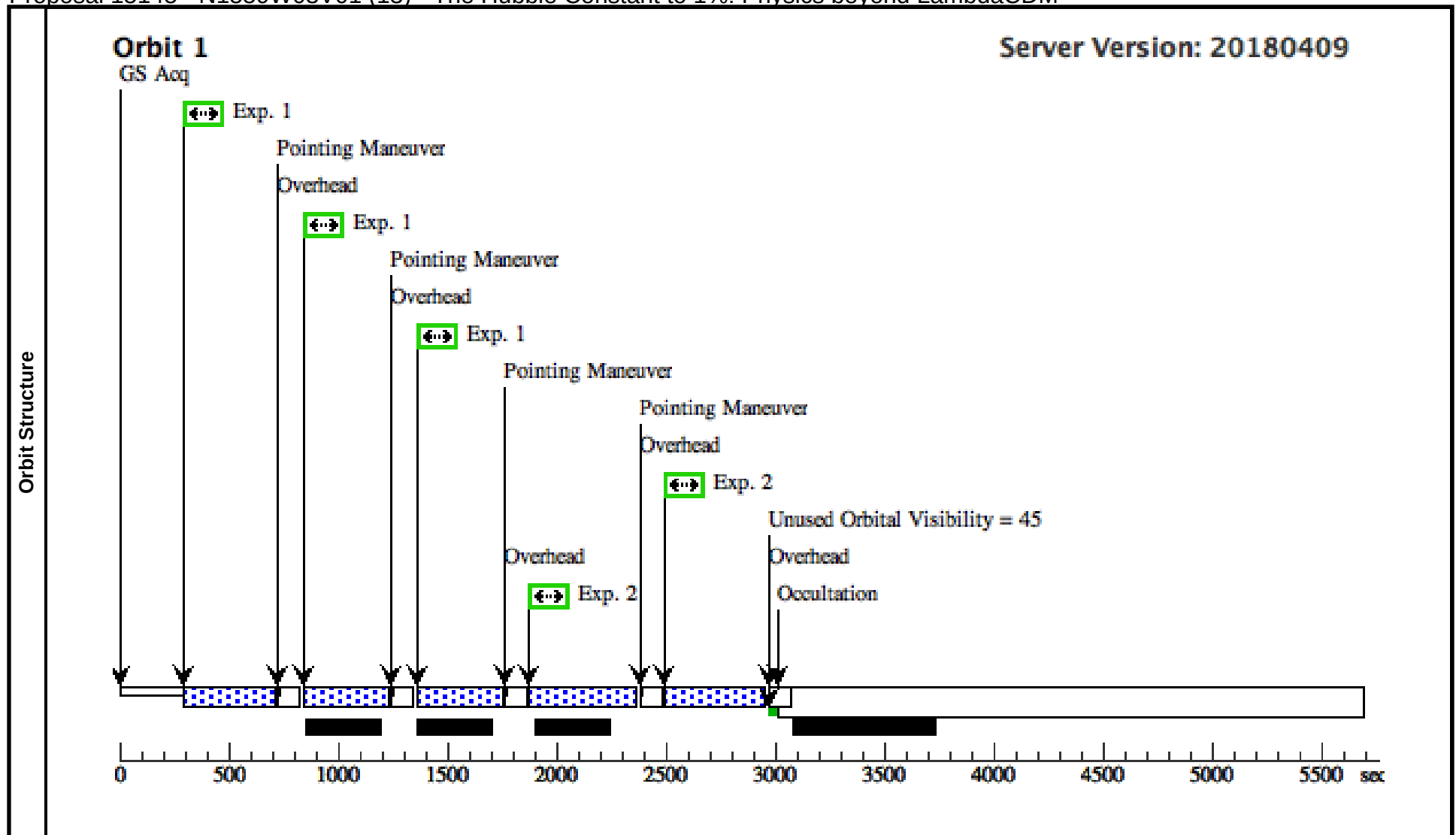
Proposal 15145 - N1559W02I01 (12) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W02I01 (12), completed										Wed Oct 31 15:03:55 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 2.44 D TO 3.44 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	N1559	RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N1559W02I01 (12) (2)	403 Secs (1209 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
Exposures	2		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	FLASH=1		Pattern 1, Exps 2-2 in N1559W02I01 (12) (1)	465 Secs (930 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]



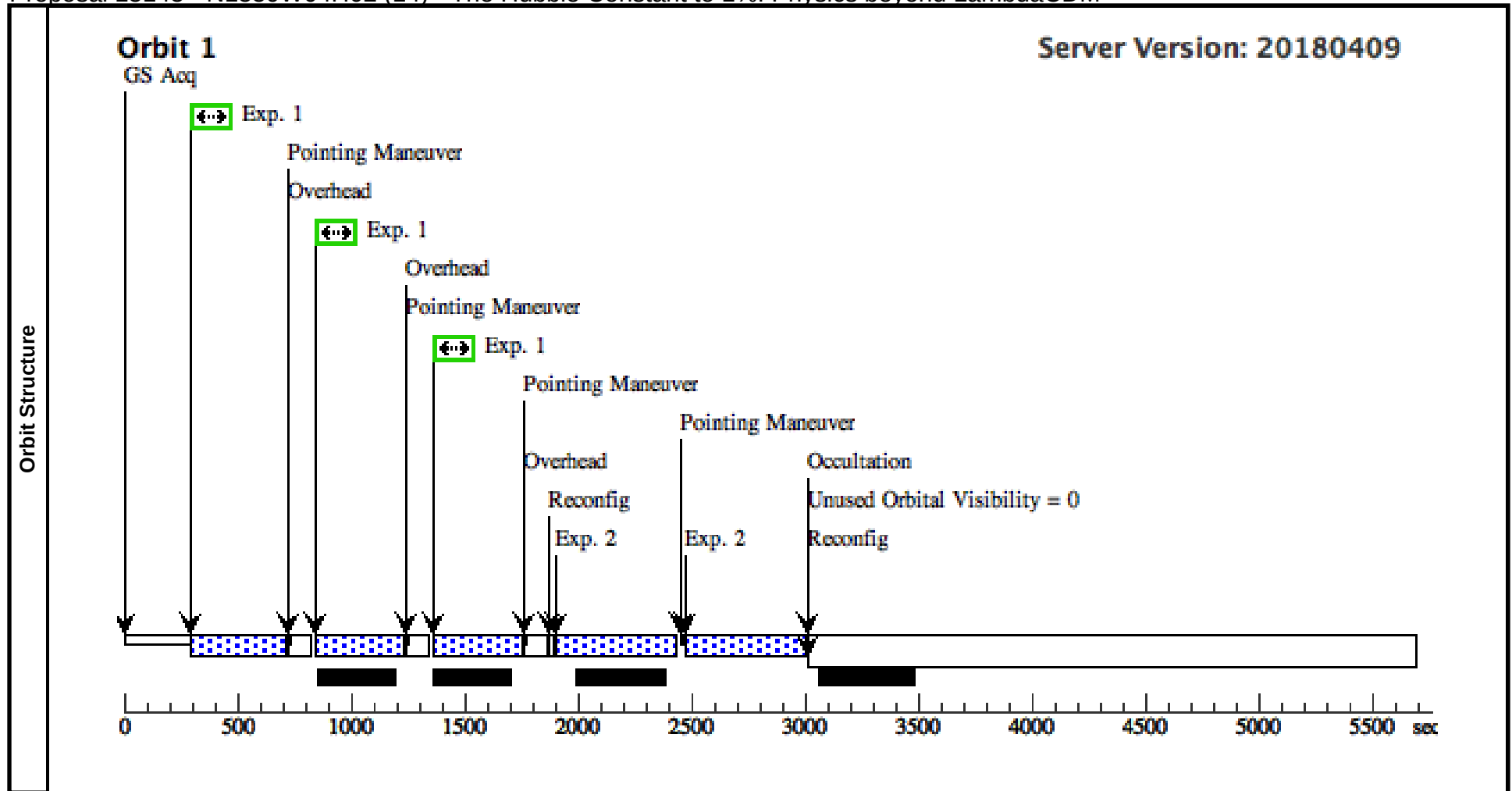
Proposal 15145 - N1559W03V01 (13) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W03V01 (13), completed										Wed Oct 31 15:03:55 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 6.06 D TO 7.06 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	N1559	RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000					V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N1559W03V01 (13) (2)	388 Secs (1164 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N1559W03V01 (13) (1)	465 Secs (930 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]



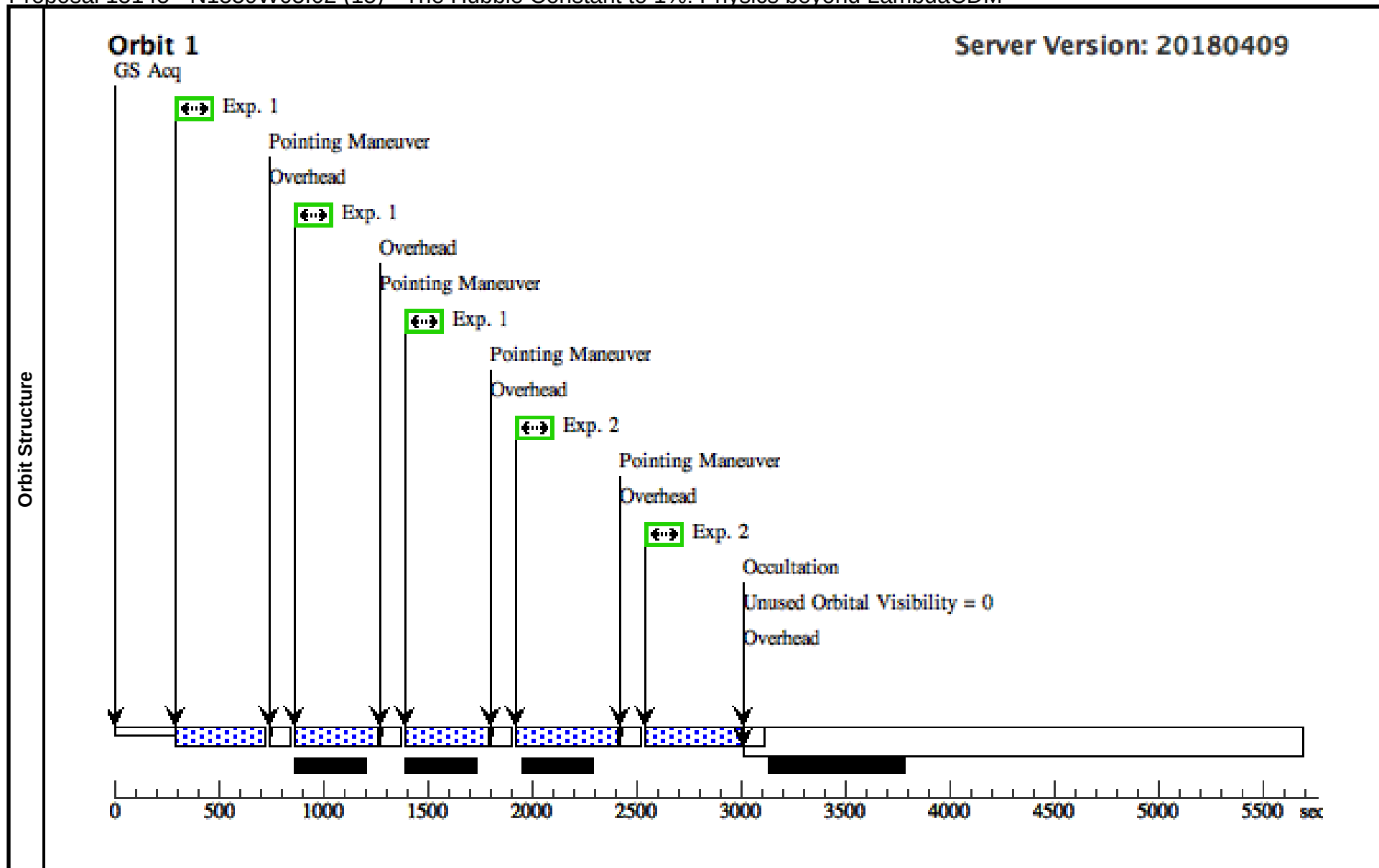
Proposal 15145 - N1559W04H02 (14) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W04H02 (14), completed										Wed Oct 31 15:03:55 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 10.56 D TO 11.56 D										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	N1559	RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N1559W04H02 (14) (2)	388 Secs (1164 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Exposures	2		(2) N1559	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N1559W04H02 (14) (4)	502.936801 Secs (1005.874 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]



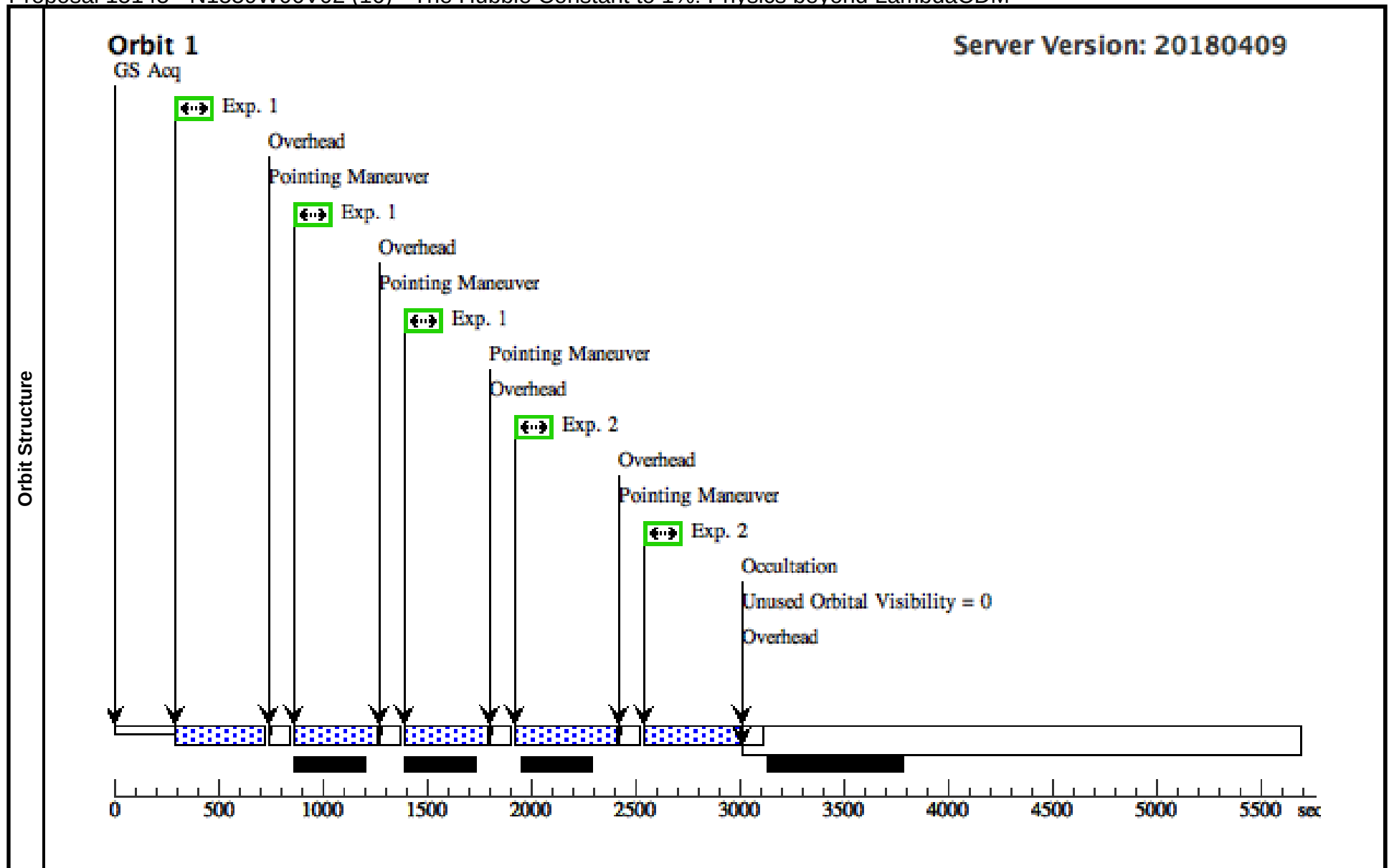
Proposal 15145 - N1559W05I02 (15) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W05I02 (15), completed										Wed Oct 31 15:03:55 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 16.20 D TO 17.20 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	N1559	RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000					V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N1559W05I02 (15) (2)	403 Secs (1209 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Exposures	2		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W	FLASH=1		Pattern 1, Exps 2-2 in N1559W05I02 (15) (1)	465 Secs (930 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



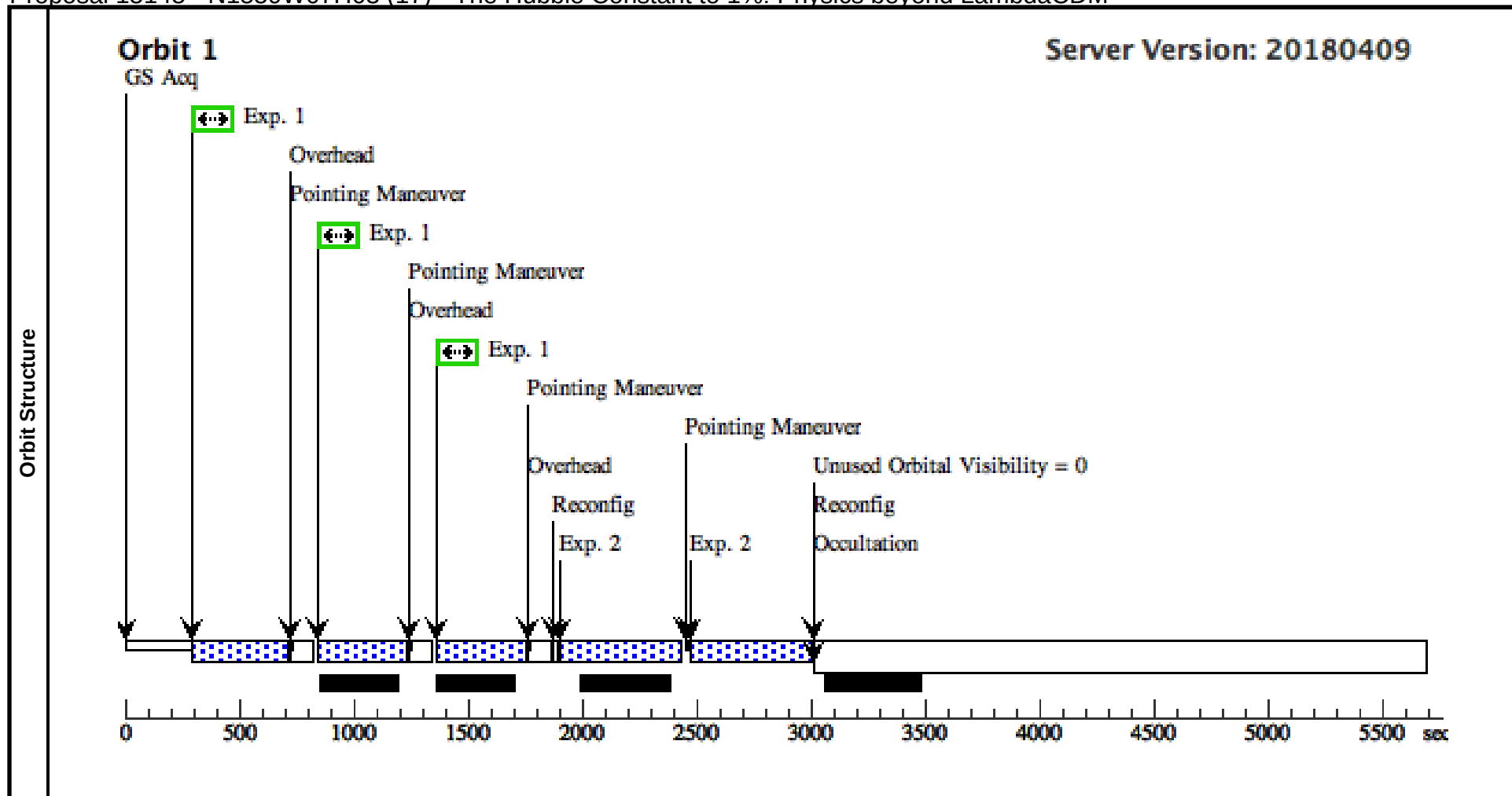
Proposal 15145 - N1559W06V02 (16) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W06V02 (16), completed										Wed Oct 31 15:03:55 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 23.31 D TO 24.31 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(2)	N1559		RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N1559W06V02 (16) (2)	403 Secs (1209 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N1559W06V02 (16) (1)	465 Secs (930 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



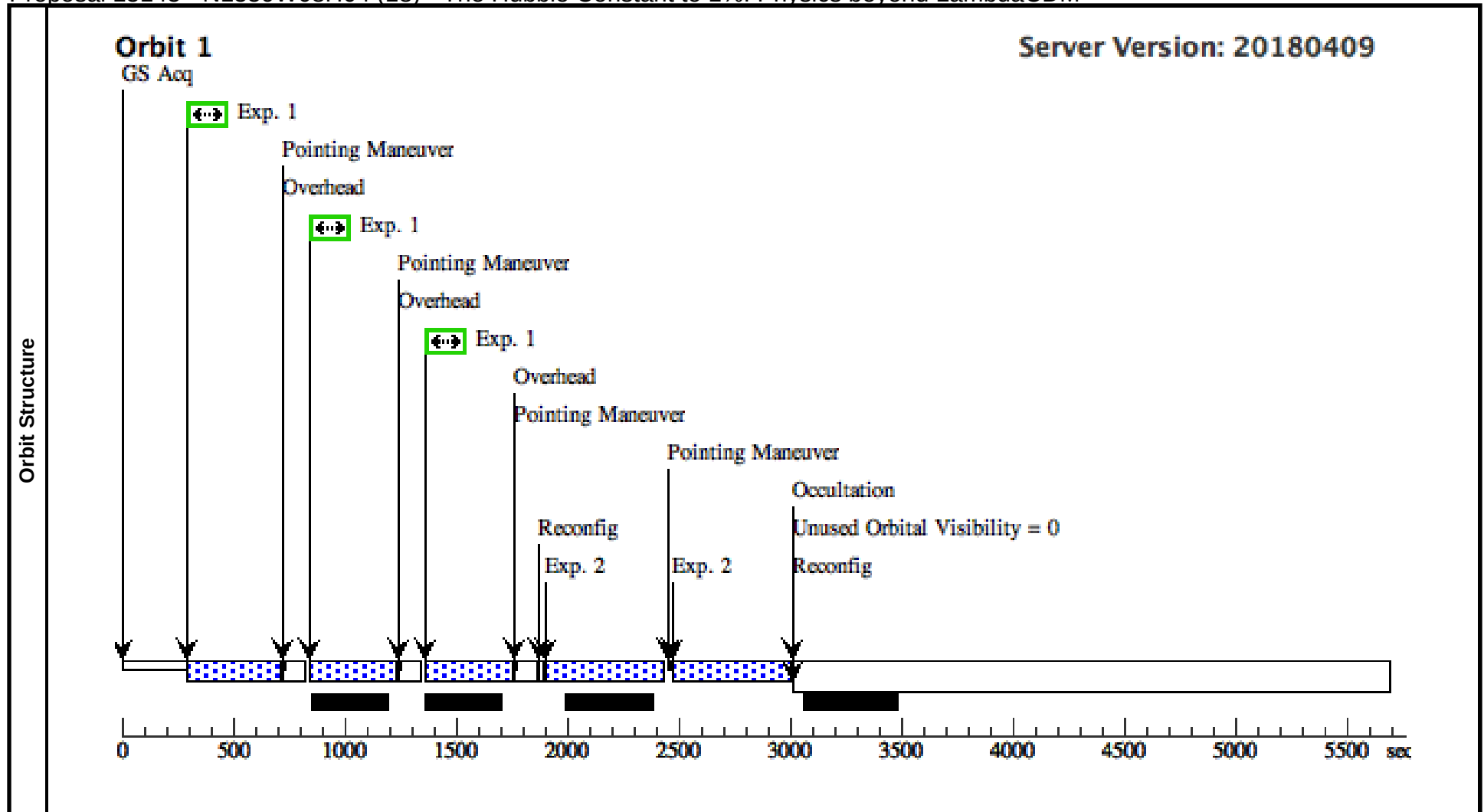
Proposal 15145 - N1559W07H03 (17) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W07H03 (17), completed										Wed Oct 31 15:03:55 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; AFTER 11 BY 32.40 D TO 33.40 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(2)	N1559		RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N1559W07H03 (17) (2)	388 Secs (1164 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(2) N1559	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N1559W07H03 (17) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



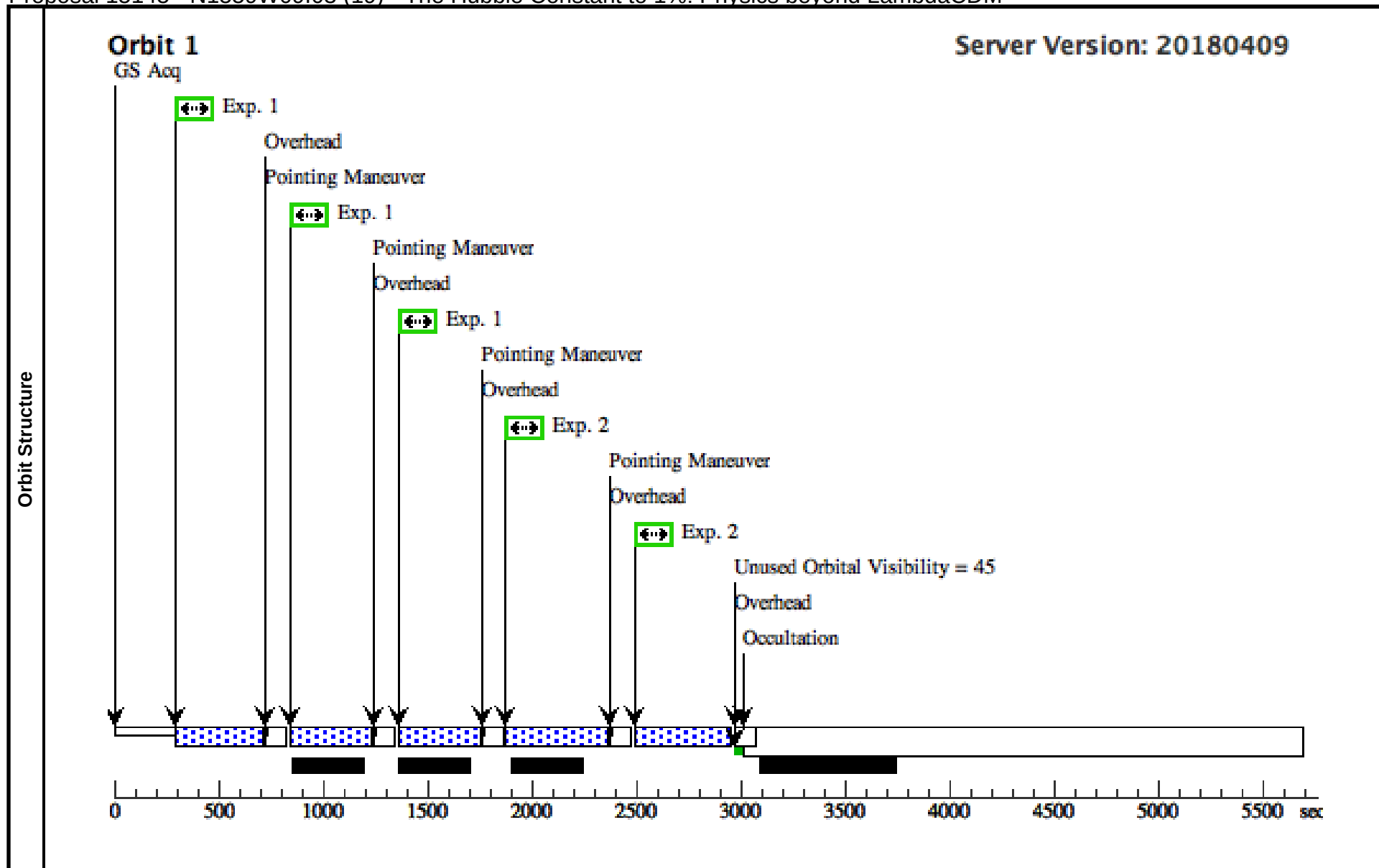
Proposal 15145 - N1559W08H04 (18) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W08H04 (18), completed										Wed Oct 31 15:03:55 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 17; AFTER 11 BY 44.12 D TO 45.12 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(2)	N1559		RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N1559W08H04 (18) (2)	388 Secs (1164 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(2) N1559	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N1559W08H04 (18) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



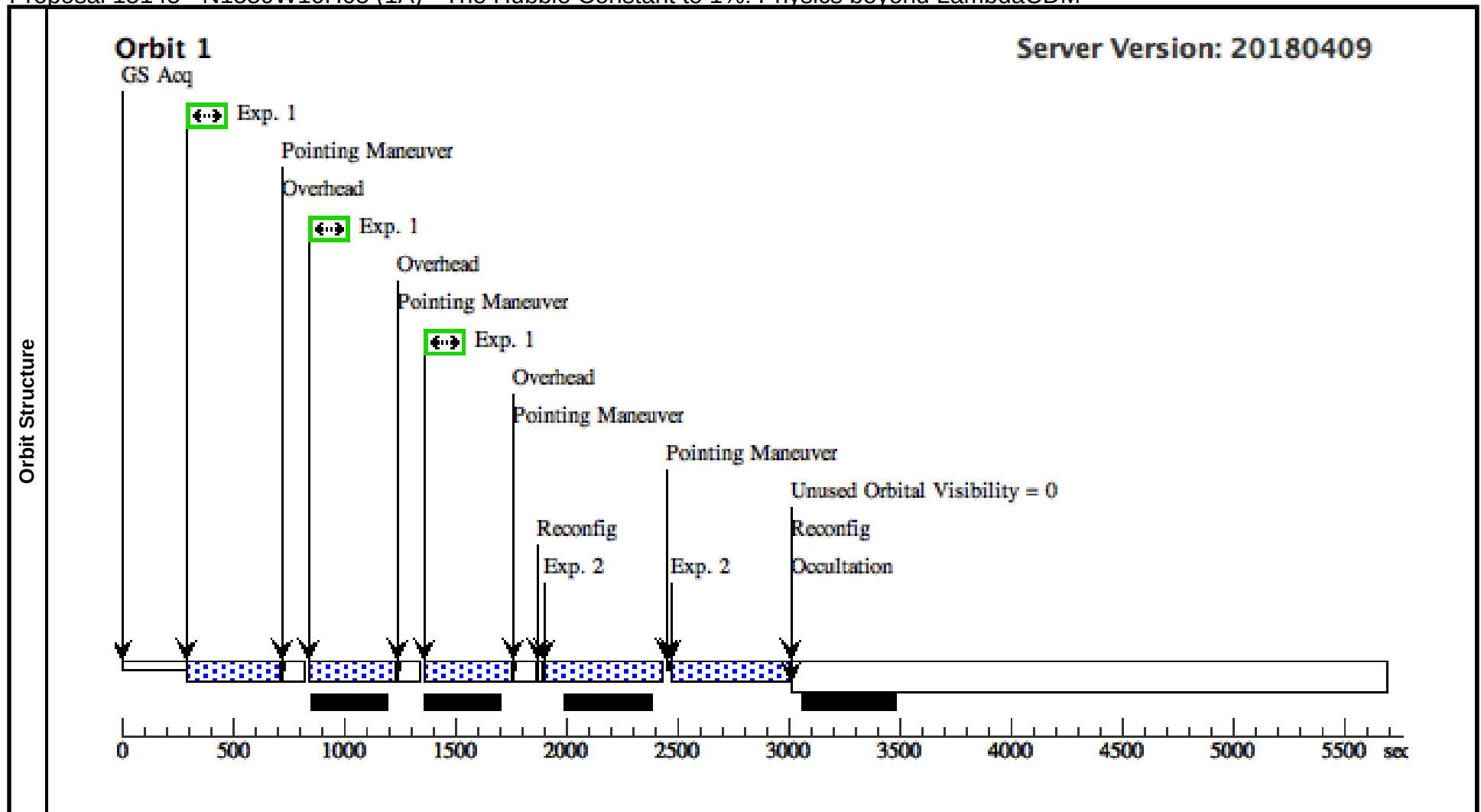
Proposal 15145 - N1559W09I03 (19) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W09I03 (19), completed										Wed Oct 31 15:03:55 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 17; AFTER 11 BY 59.38 D TO 60.38 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	N1559	RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N1559W09I03 (19) (2)	388 Secs (1164 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	FLASH=1		Pattern 1, Exps 2-2 in N1559W09I03 (19) (1)	465 Secs (930 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]



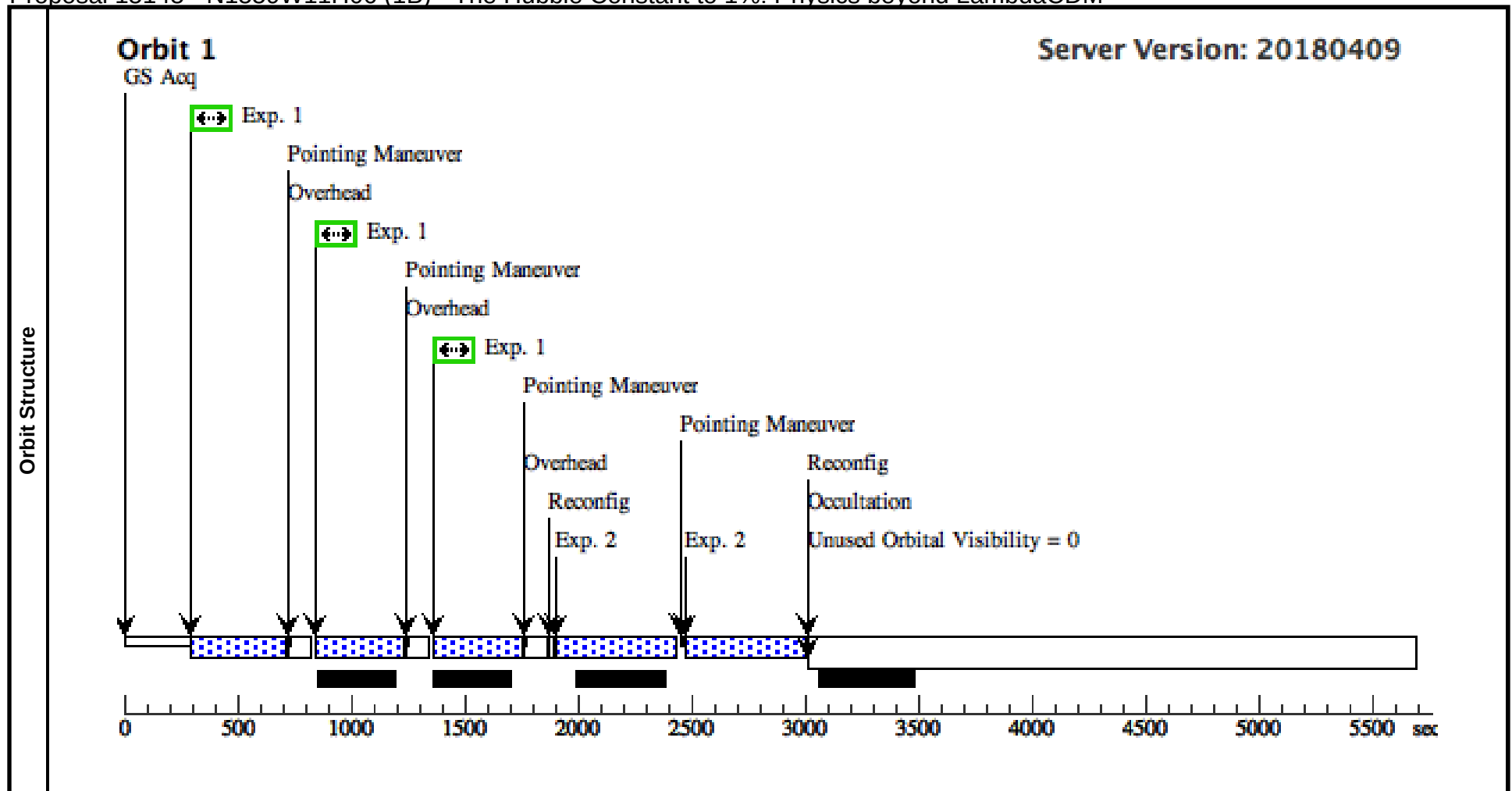
Proposal 15145 - N1559W10H05 (1A) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W10H05 (1A), completed										Wed Oct 31 15:03:55 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; AFTER 11 BY 79.5 D TO 80.5 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	N1559	RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=GALAXY</i> <i>Description=[SPIRAL]</i>					V=26		Reference Frame: SIMBAD		
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N1559W10H05 (1A) (2)	388 Secs (1164 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(2) N1559	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N1559W10H05 (1A) (4)	502.936801 Secs (1005.874 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



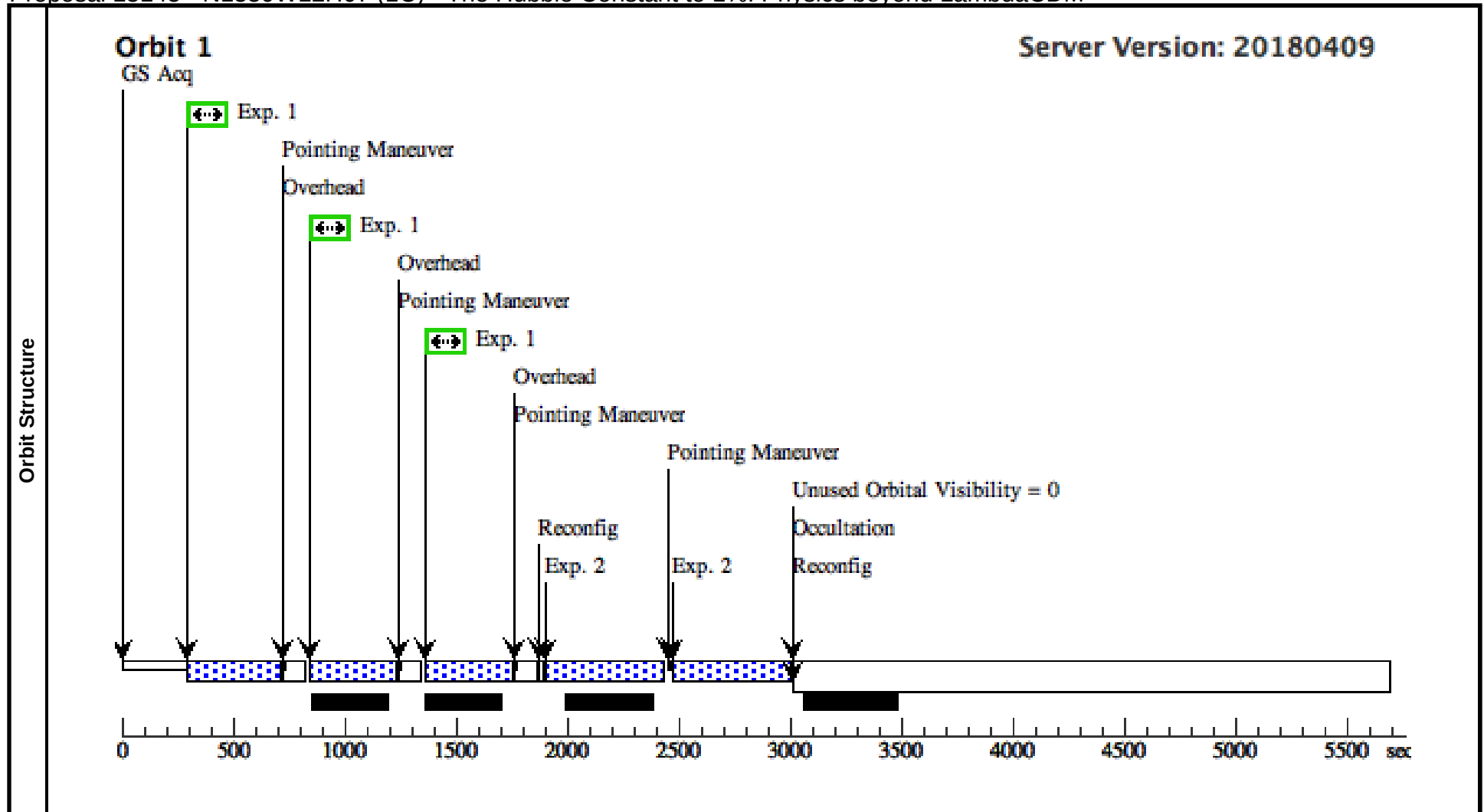
Proposal 15145 - N1559W11H06 (1B) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W11H06 (1B), completed										Wed Oct 31 15:03:55 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; AFTER 11 BY 137 D TO 141 D										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	N1559	RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N1559W11H06 (1 B) (2)	388 Secs (1164 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(2) N1559	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N1559W11H06 (1 B) (4)	502.936801 Secs (1005.874 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]



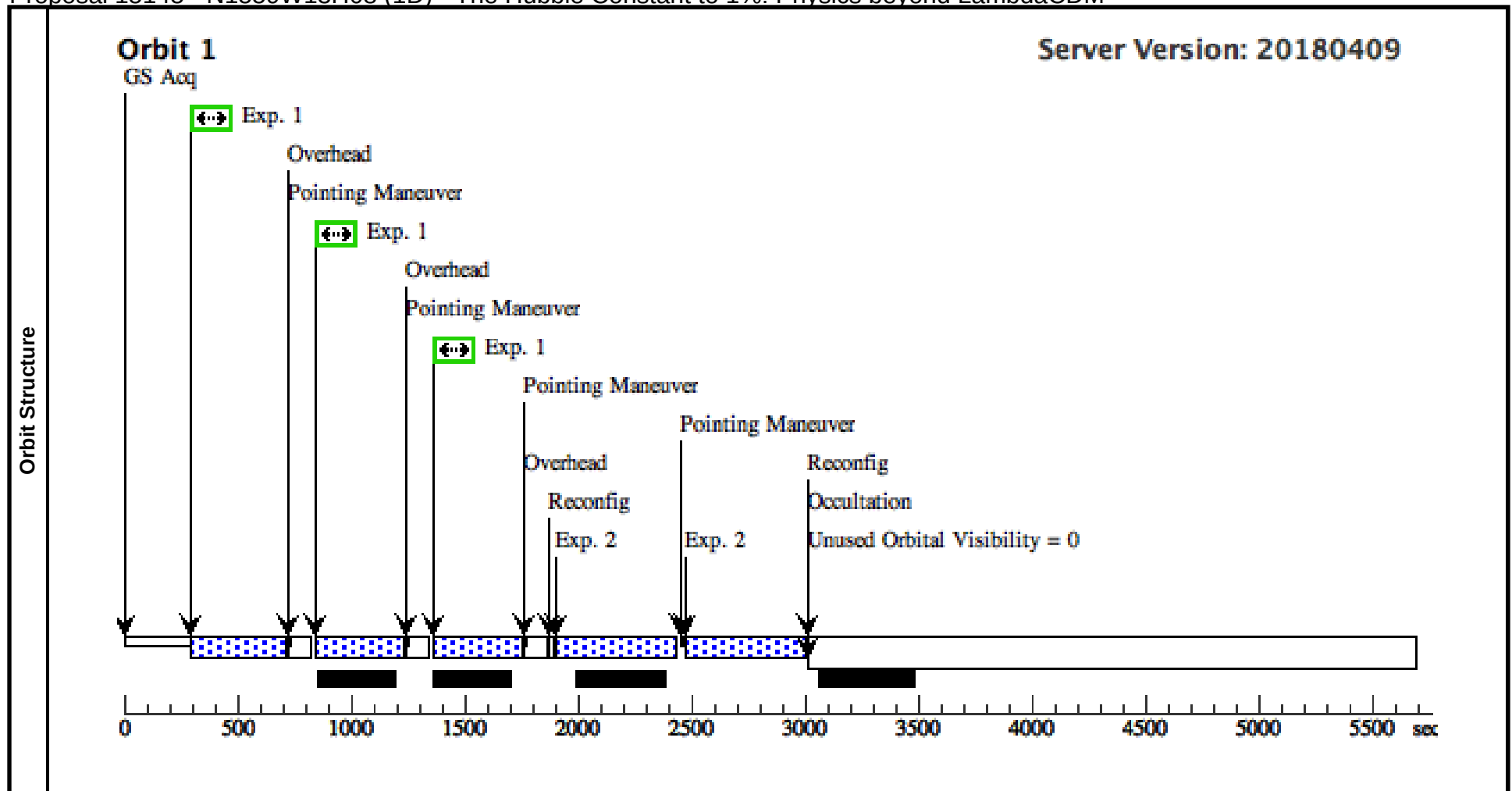
Proposal 15145 - N1559W12H07 (1C) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W12H07 (1C), completed										Wed Oct 31 15:03:55 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; AFTER 11 BY 194 D TO 198 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	N1559	RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=GALAXY</i> <i>Description=[SPIRAL]</i>					V=26		Reference Frame: SIMBAD		
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N1559W12H07 (1C) (2)	388 Secs (1164 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(2) N1559	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N1559W12H07 (1C) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]



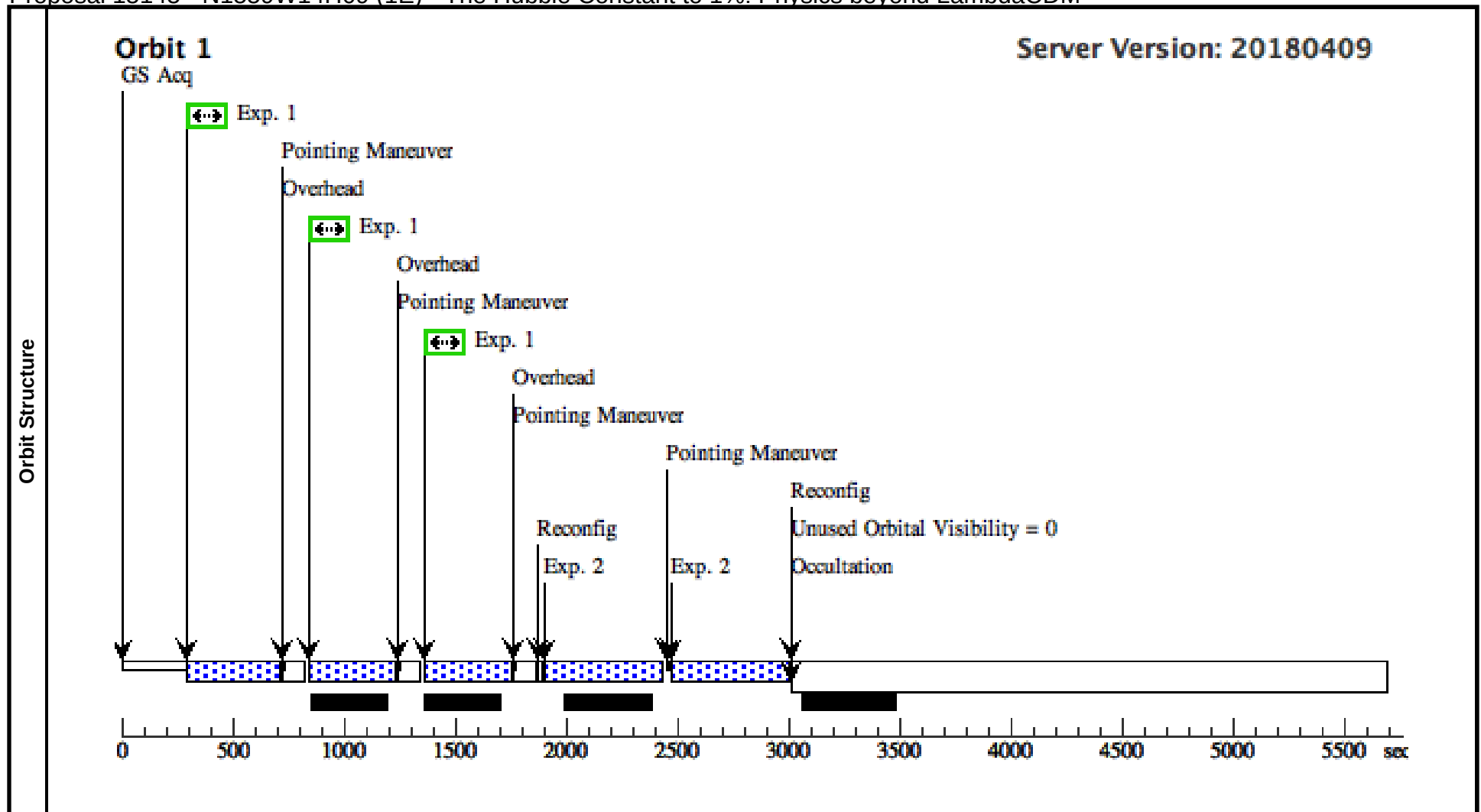
Proposal 15145 - N1559W13H08 (1D) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W13H08 (1D), completed										Wed Oct 31 15:03:55 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; AFTER 11 BY 251 D TO 255 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	N1559	RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000					V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N1559W13H08 (1 D) (2)	388 Secs (1164 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(2) N1559	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N1559W13H08 (1 D) (4)	502.936801 Secs (1005.874 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



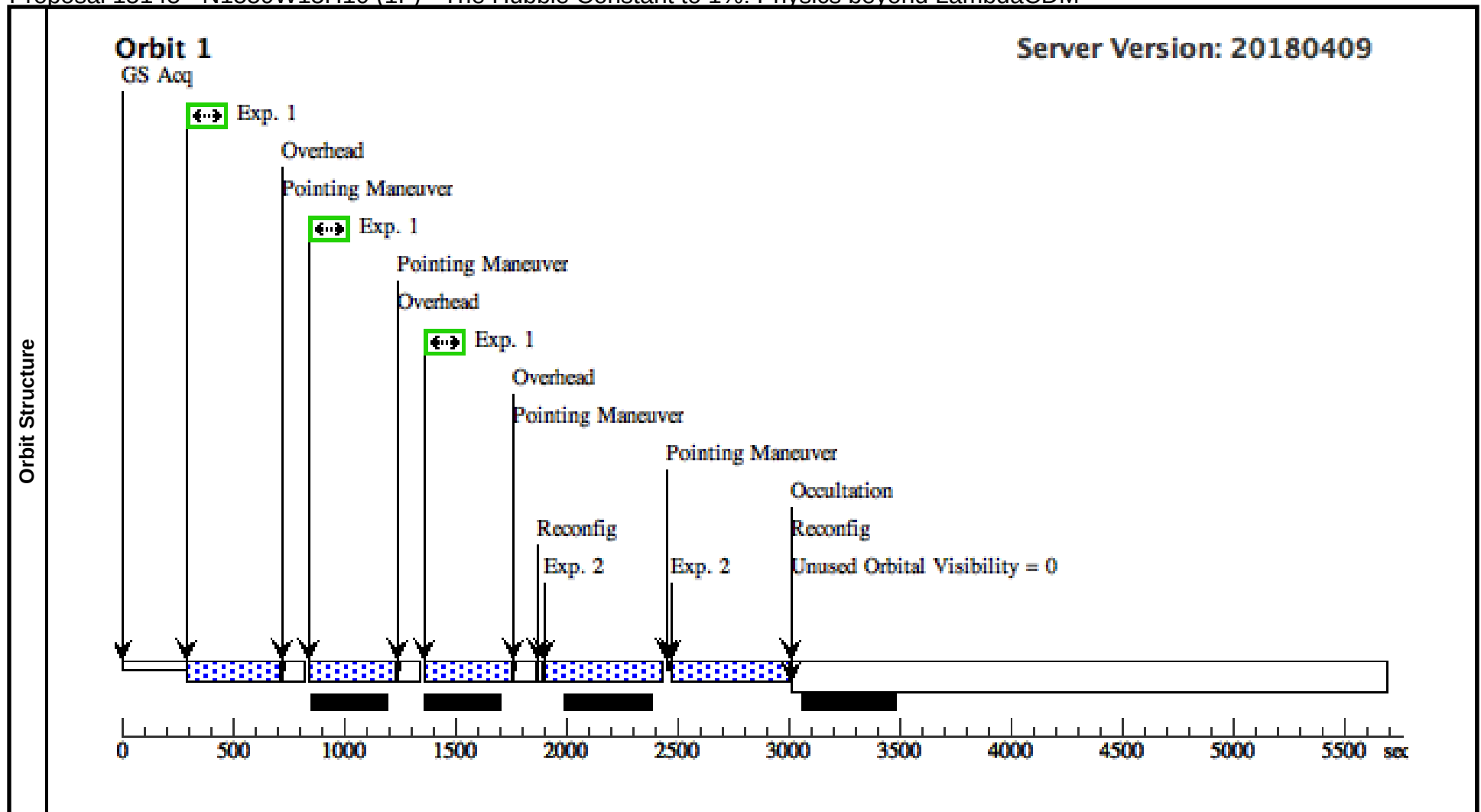
Proposal 15145 - N1559W14H09 (1E) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N1559W14H09 (1E), completed										Wed Oct 31 15:03:55 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; AFTER 11 BY 308 D TO 312 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(2)	N1559		RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N1559W14H09 (1 E) (2)	388 Secs (1164 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(2) N1559	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N1559W14H09 (1 E) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



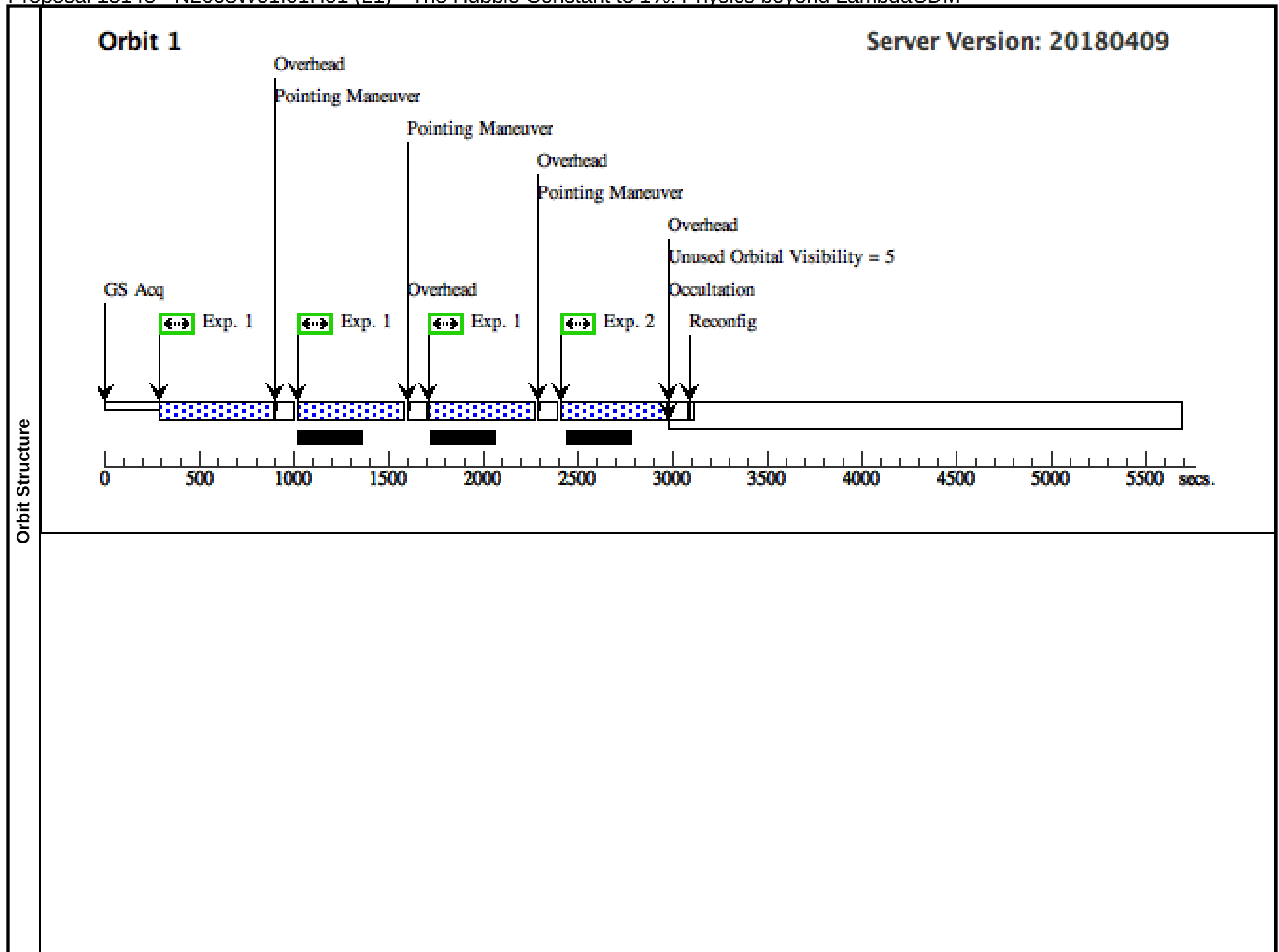
Proposal 15145 - N1559W15H10 (1F) - The Hubble Constant to 1%: Physics beyond LambdaCDM

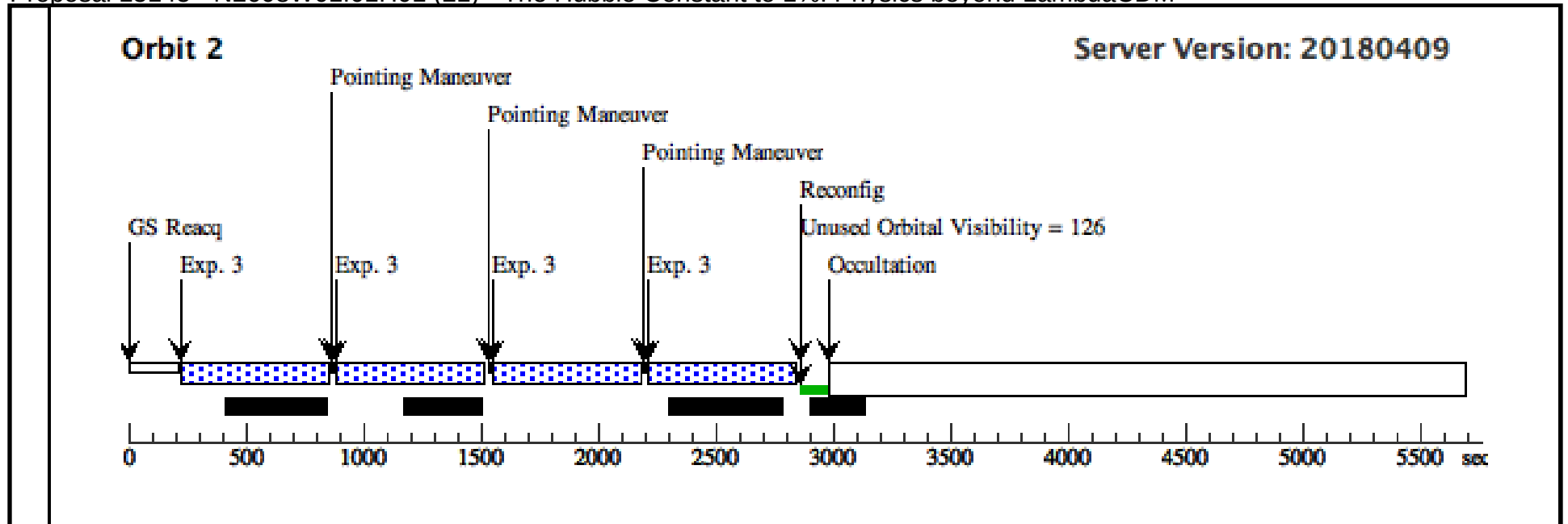
Visit	Proposal 15145, N1559W15H10 (1F), completed										Wed Oct 31 15:03:55 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 365 D TO 369 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(2)	N1559		RA: 04 17 37.0000 (64.4041667d) Dec: -62 47 0.00 (-62.78333d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) N1559	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N1559W15H10 (1 F) (2)	388 Secs (1164 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(2) N1559	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N1559W15H10 (1 F) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 15145 - N2608W01I01H01 (21) - The Hubble Constant to 1%: Physics beyond LambdaCDM

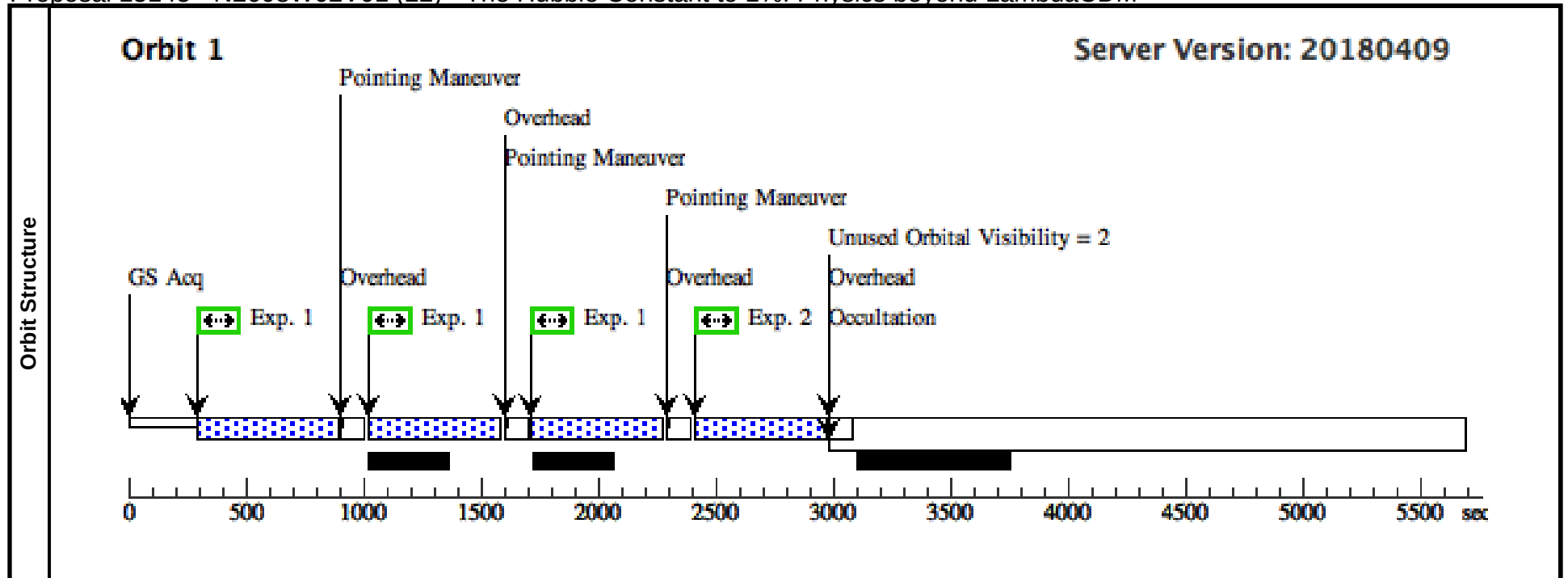
Visit	Proposal 15145, N2608W01I01H01 (21), completed										Wed Oct 31 15:03:55 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365			Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false							(3)
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	N2608	RA: 08 35 17.3690 (128.8223708d) Dec: +28 28 24.66 (28.47352d) Equinox: J2000					V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N2608W01I01H01 (21) (2)	566 Secs (1698 Secs)		
										[==>(Pattern 1)]		[1]
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
	2		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W				537 Secs (537 Secs)		
										[==>]		[1]
3		(3) N2608	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 in N2608W01I01H01 (21) (5)	602.937703 Secs (2411.751 Secs)			
									[==>(Pattern 1)]		[2]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
									[==>(Pattern 4)]			





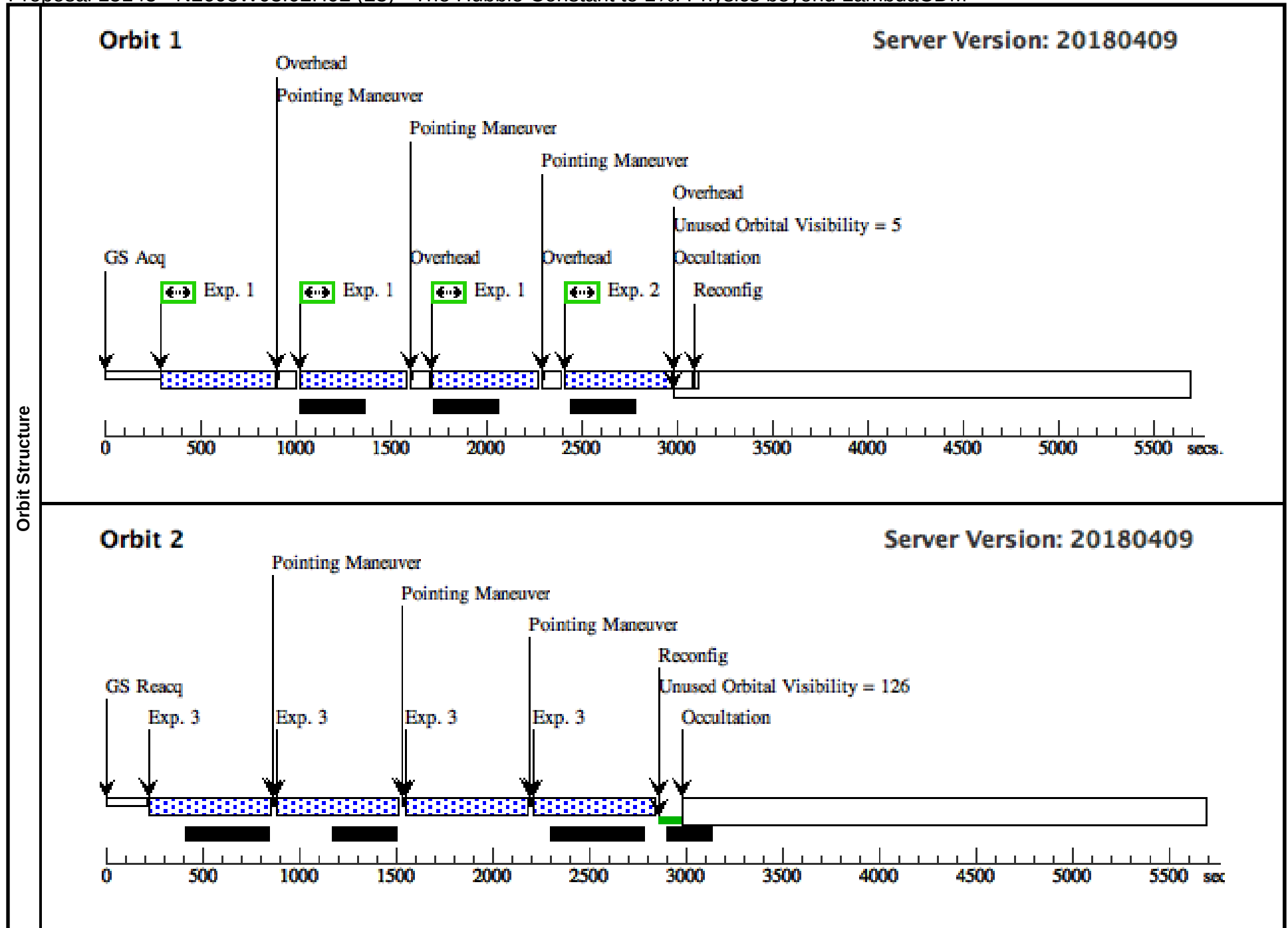
Proposal 15145 - N2608W02V01 (22) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2608W02V01 (22), completed										Wed Oct 31 15:03:56 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 6.90 D TO 7.90 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(3)	N2608		RA: 08 35 17.3690 (128.8223708d) Dec: +28 28 24.66 (28.47352d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N2608W02V01 (22) (2)	566 Secs (1698 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W				537 Secs (537 Secs)			
										[==>]		[1]	



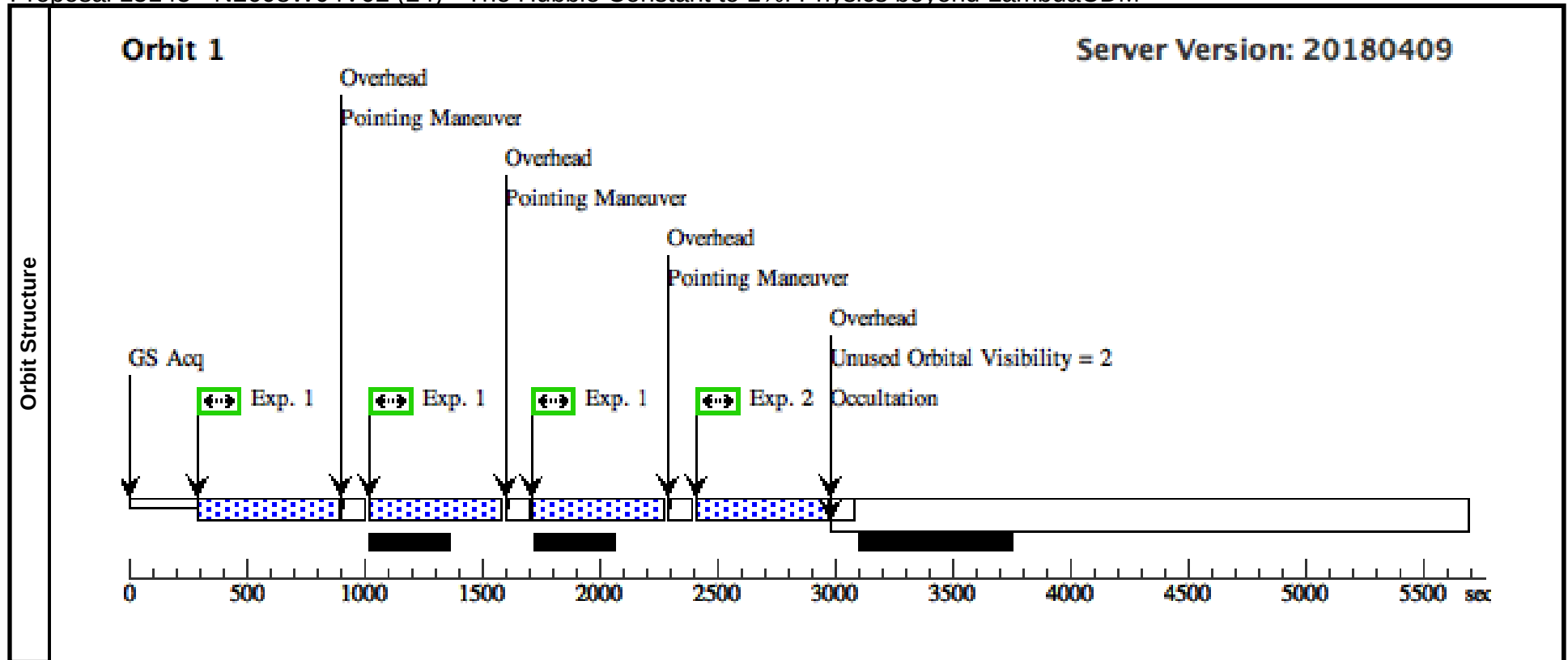
Proposal 15145 - N2608W03I02H02 (23) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2608W03I02H02 (23), completed										Wed Oct 31 15:03:56 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 18.88 D TO 19.88 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
	(5)	Pattern Type=WFC3-IR-DITHER- BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365 Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false								(3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	N2608	RA: 08 35 17.3690 (128.8223708d) Dec: +28 28 24.66 (28.47352d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 i n N2608W03I02H02 (23) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
	2		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W					537 Secs (537 Secs)	
									[==>]		[1]
3		(3) N2608	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W		NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N2608W03I02H02 (23) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)]		[2]
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
									[==>(Pattern 4)]		



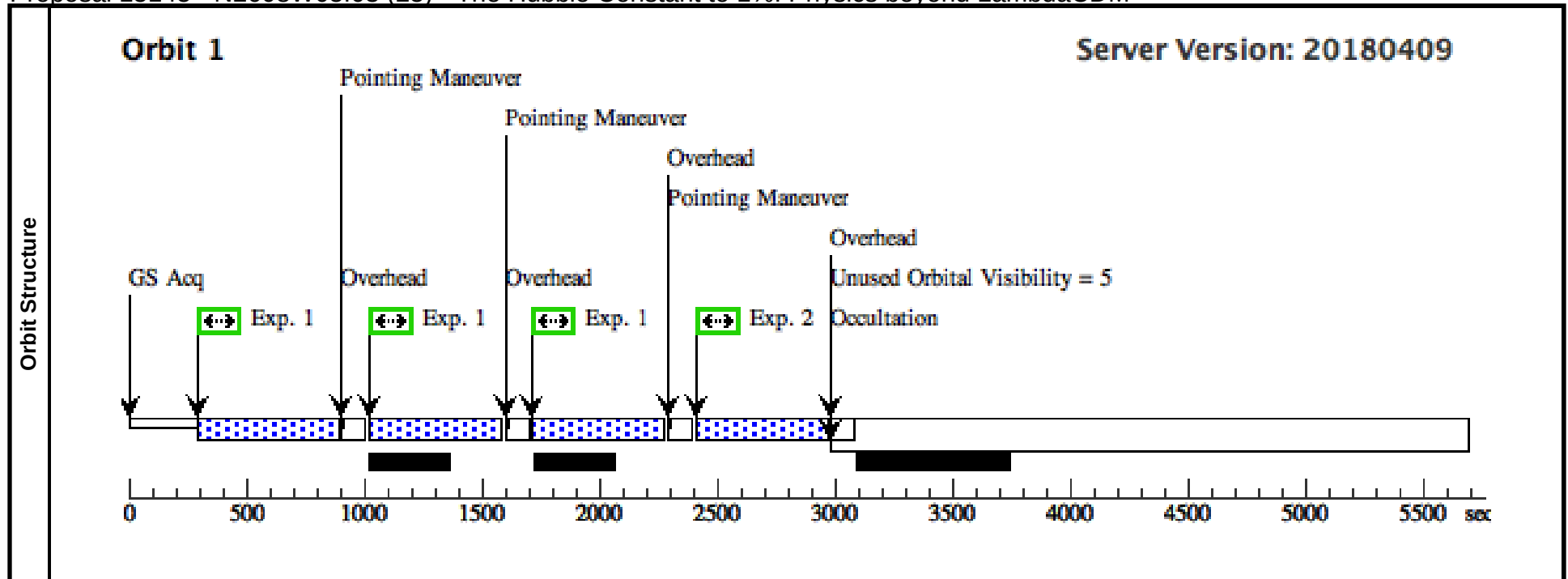
Proposal 15145 - N2608W04V02 (24) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2608W04V02 (24), completed										Wed Oct 31 15:03:56 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 27.18 D TO 28.18 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	N2608	RA: 08 35 17.3690 (128.8223708d) Dec: +28 28 24.66 (28.47352d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 i n N2608W04V02 (2 4) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W				537 Secs (537 Secs)		
									[==>]		[1]



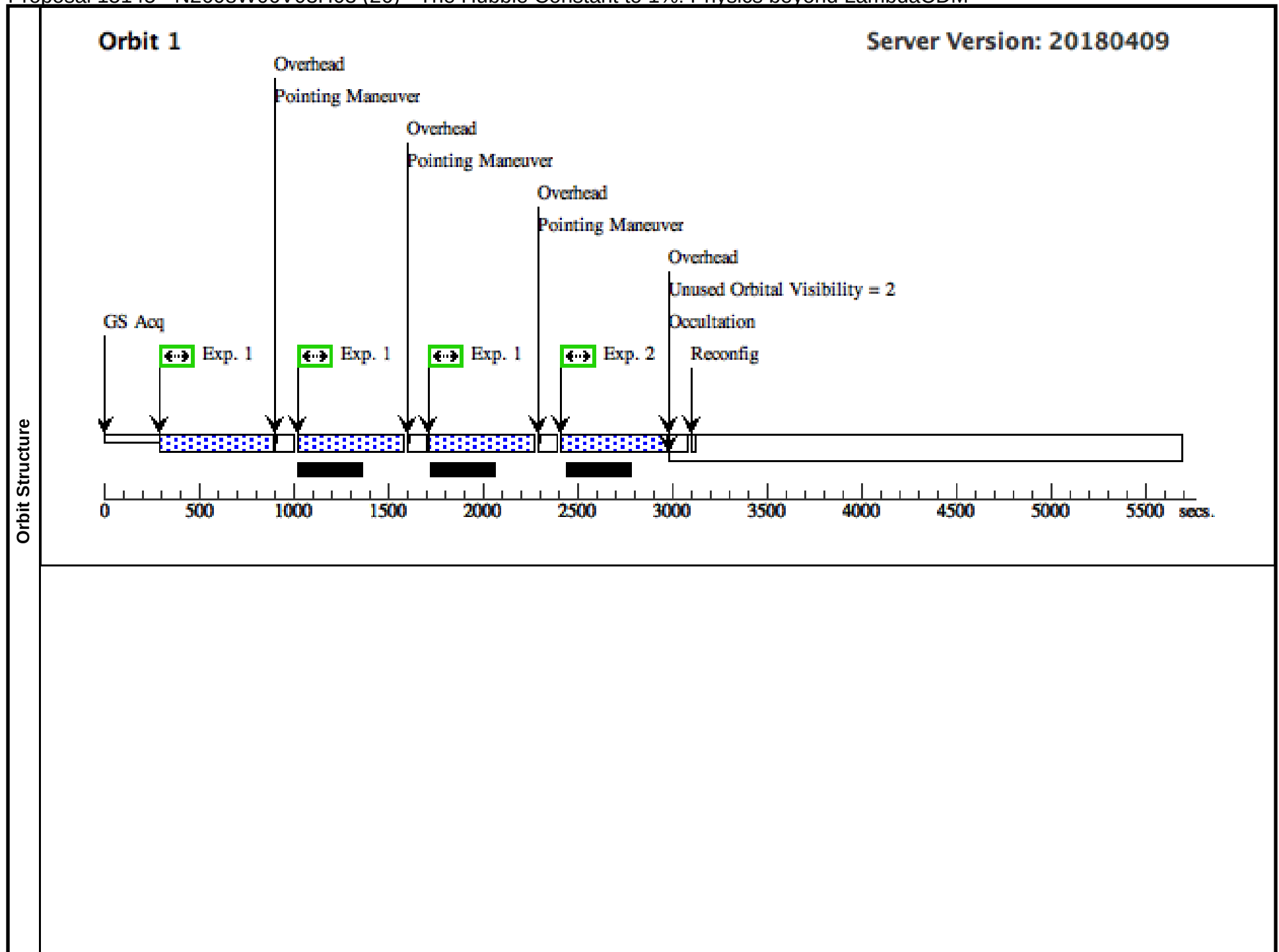
Proposal 15145 - N2608W05I03 (25) - The Hubble Constant to 1%: Physics beyond LambdaCDM

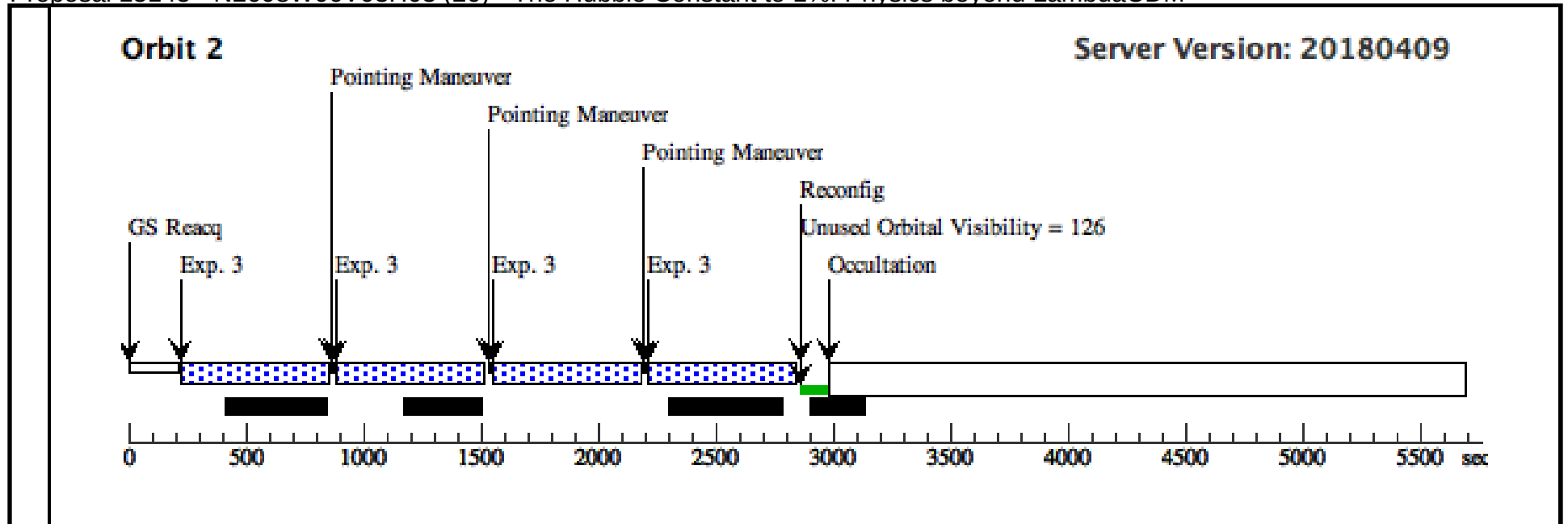
Visit	Proposal 15145, N2608W05I03 (25), completed										Wed Oct 31 15:03:56 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 36.4 D TO 37.63 D											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	N2608		RA: 08 35 17.3690 (128.8223708d) Dec: +28 28 24.66 (28.47352d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	Category=GALAXY											
Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N2608W05I03 (25) (2)	566 Secs (1698 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W				537 Secs (537 Secs)		
										[==>]		[1]



Proposal 15145 - N2608W06V03H03 (26) - The Hubble Constant to 1%: Physics beyond LambdaCDM

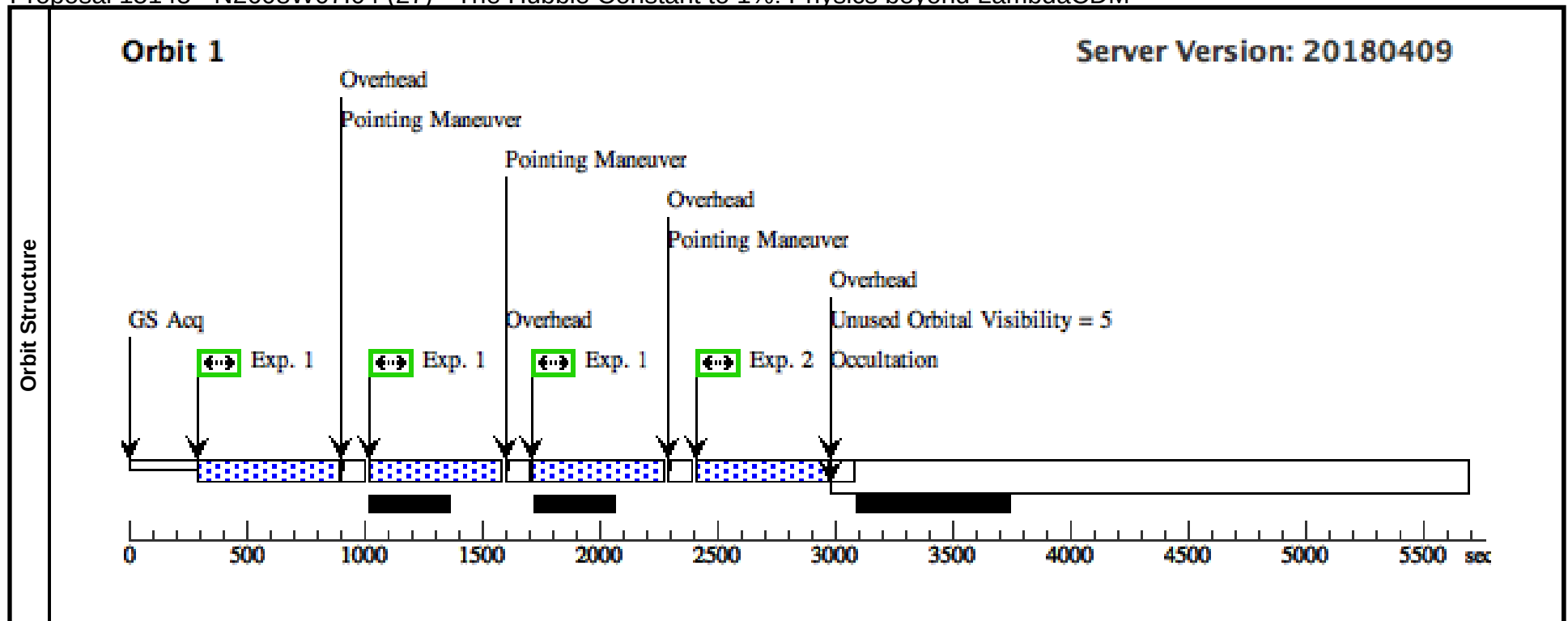
Visit	Proposal 15145, N2608W06V03H03 (26), completed										Wed Oct 31 15:03:56 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 50.21 D TO 51.21 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=					Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(1)	
	(5)	Pattern Type=WFC3-IR-DITHER- BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365					Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(3)	N2608	RA: 08 35 17.3690 (128.8223708d) Dec: +28 28 24.66 (28.47352d) Equinox: J2000				V=26		Reference Frame: SIMBAD				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 i n N2608W06V03H0 3 (26) (2)	566 Secs (1698 Secs)			
										[==>(Pattern 1)]			
										[==>(Pattern 2)]			
										[==>(Pattern 3)]	[1]		
	2		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W				537 Secs (537 Secs)			
										[==>]	[1]		
3		(3) N2608	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N2608W06V03H0 3 (26) (5)	602.937703 Secs (2411.751 Secs)				
									[==>(Pattern 1)]				
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
									[==>(Pattern 4)]	[2]			





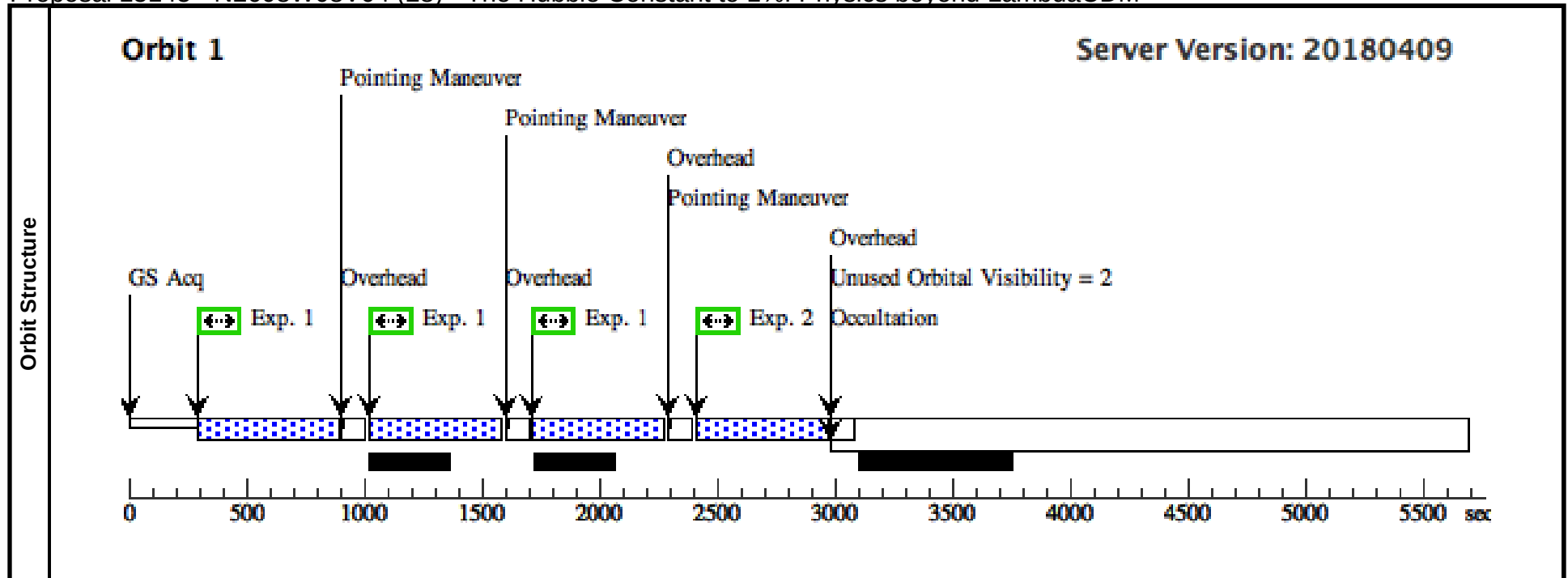
Proposal 15145 - N2608W07I04 (27) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2608W07I04 (27), completed										Wed Oct 31 15:03:56 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; AFTER 21 BY 60.68 D TO 61.68 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(3)	N2608		RA: 08 35 17.3690 (128.8223708d) Dec: +28 28 24.66 (28.47352d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N2608W07I04 (27) (2)	566 Secs (1698 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W				537 Secs (537 Secs)			
										[==>]		[1]	



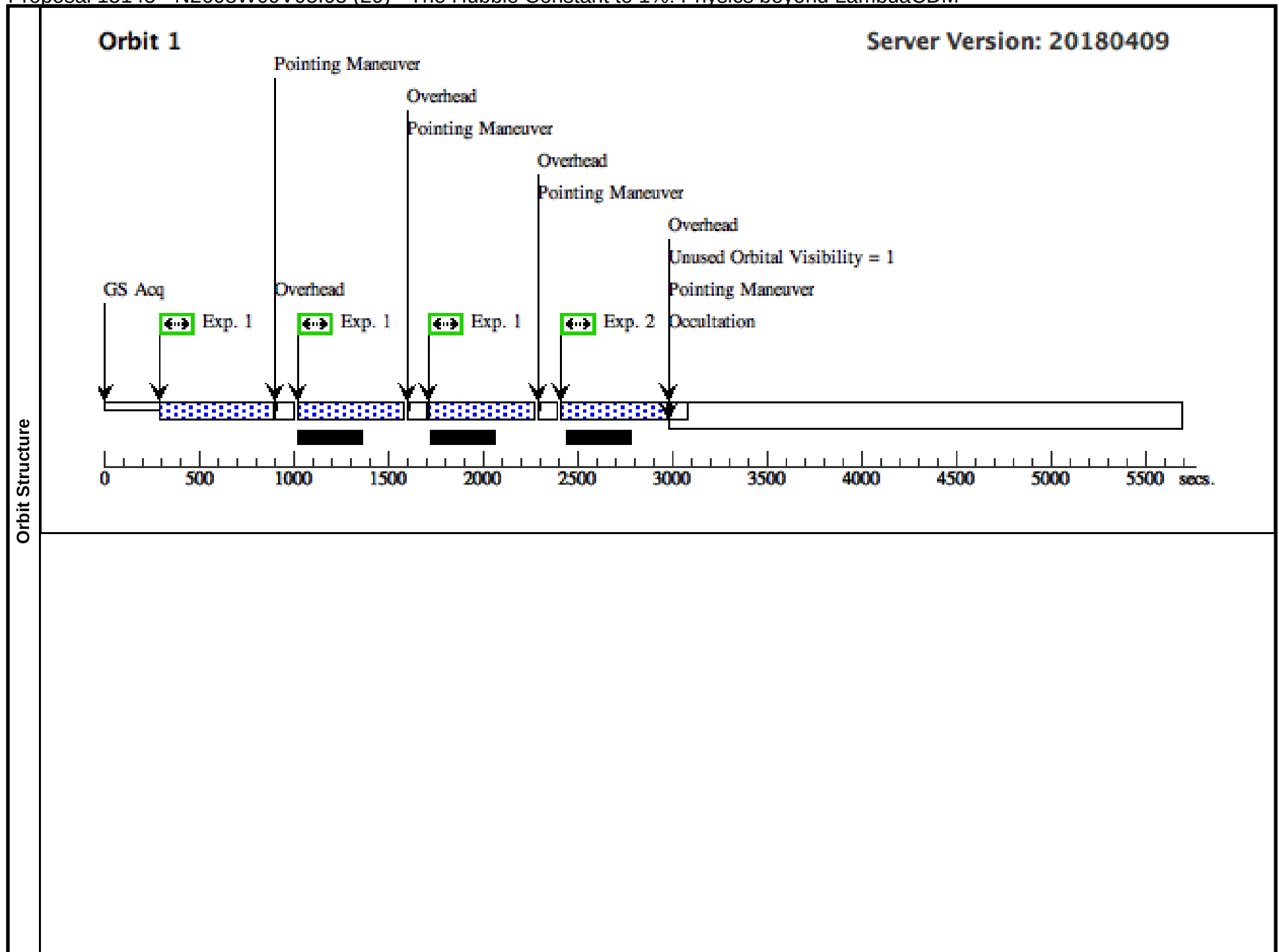
Proposal 15145 - N2608W08V04 (28) - The Hubble Constant to 1%: Physics beyond LambdaCDM

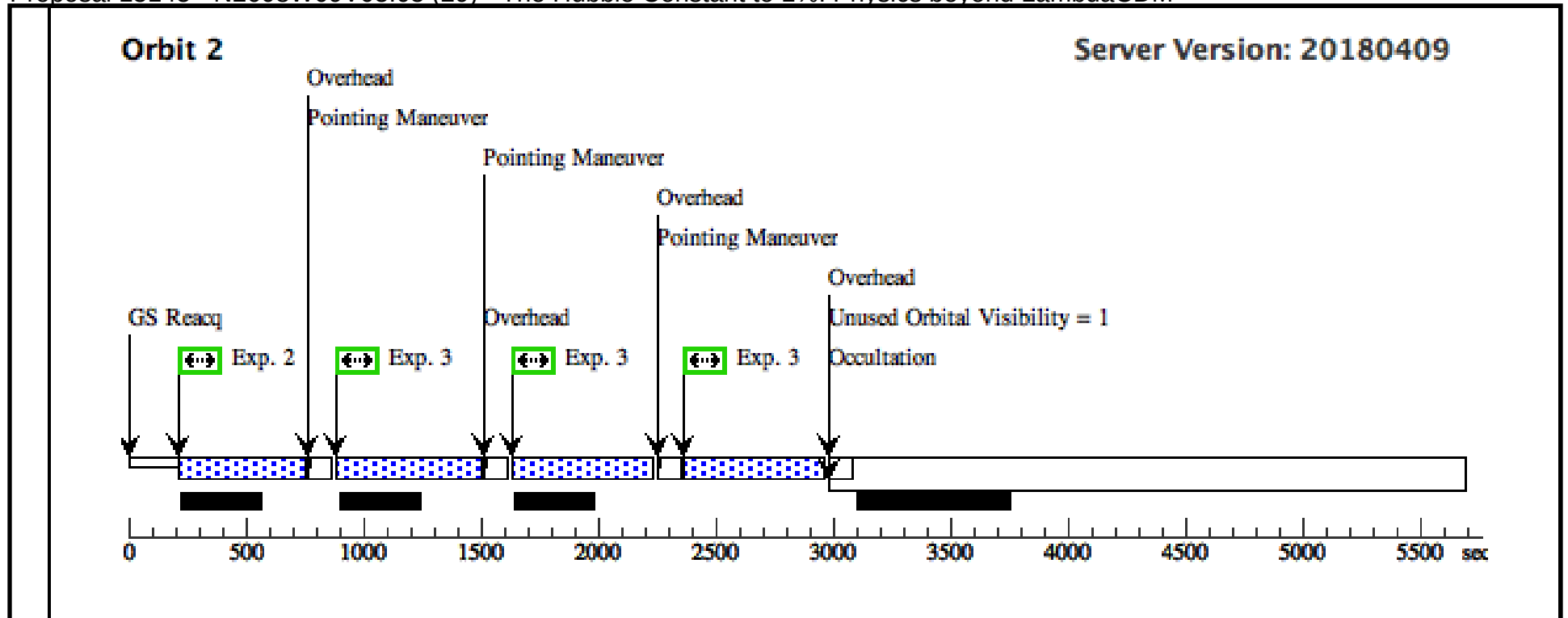
Visit	Proposal 15145, N2608W08V04 (28), completed										Wed Oct 31 15:03:56 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 27; AFTER 21 BY 72.16 D TO 73.16 D											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	N2608		RA: 08 35 17.3690 (128.8223708d) Dec: +28 28 24.66 (28.47352d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N2608W08V04 (28) (2)	566 Secs (1698 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W				537 Secs (537 Secs)		
										[==>]		[1]



Proposal 15145 - N2608W09V05I05 (29) - The Hubble Constant to 1%: Physics beyond LambdaCDM

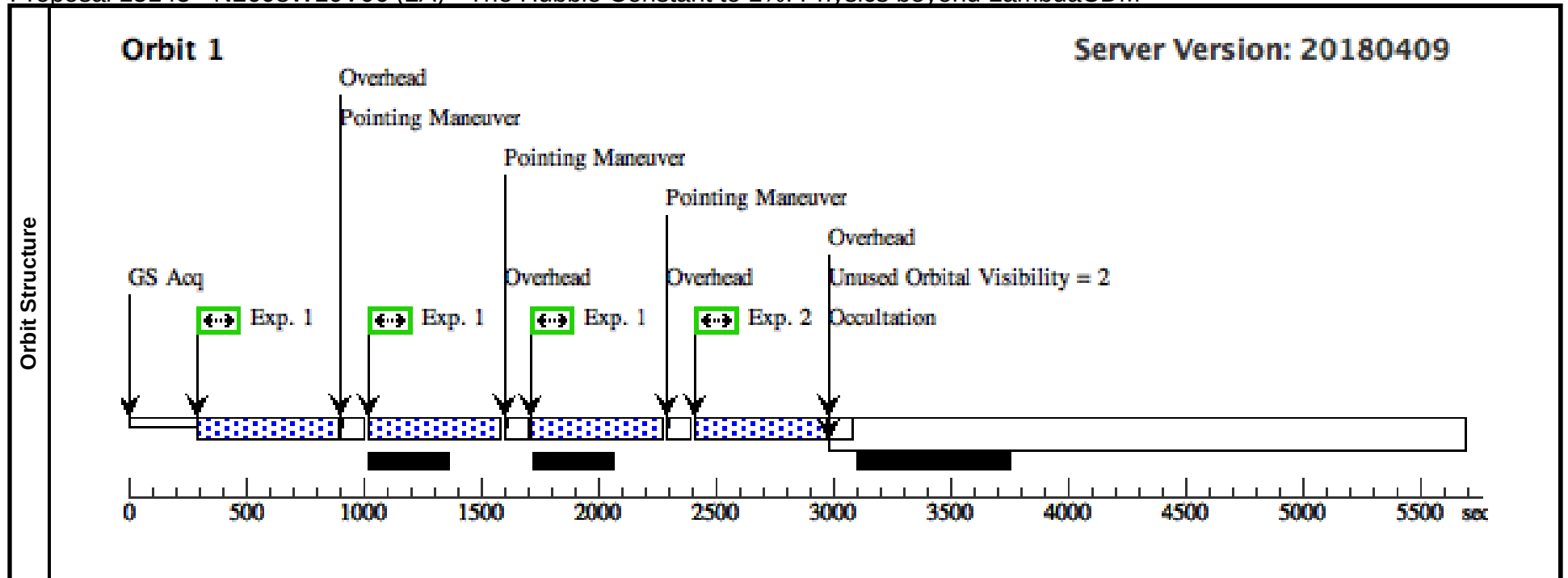
Visit	Proposal 15145, N2608W09V05105 (29), completed										Wed Oct 31 15:03:56 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 27; AFTER 21 BY 85.04 D TO 86.04 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=										(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=										(1), (3)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(3)	N2608	RA: 08 35 17.3690 (128.8223708d) Dec: +28 28 24.66 (28.47352d) Equinox: J2000						V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N2608W09V05I05 (29) (2)	566 Secs (1698 Secs)			
									[==>(Pattern 1)]		[1]		
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
	2		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N2608W09V05I05 (29) (1)	538 Secs (1076 Secs)			
									[==>(Pattern 1)]		[1]		
								[==>(Pattern 2)]		[2]			
3		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W			Pattern 2, Exps 3-3 in N2608W09V05I05 (29) (2)	606 Secs (1818 Secs)				
								[==>(Pattern 1)]		[2]			
								[==>(Pattern 2)]					
								[==>(Pattern 3)]					





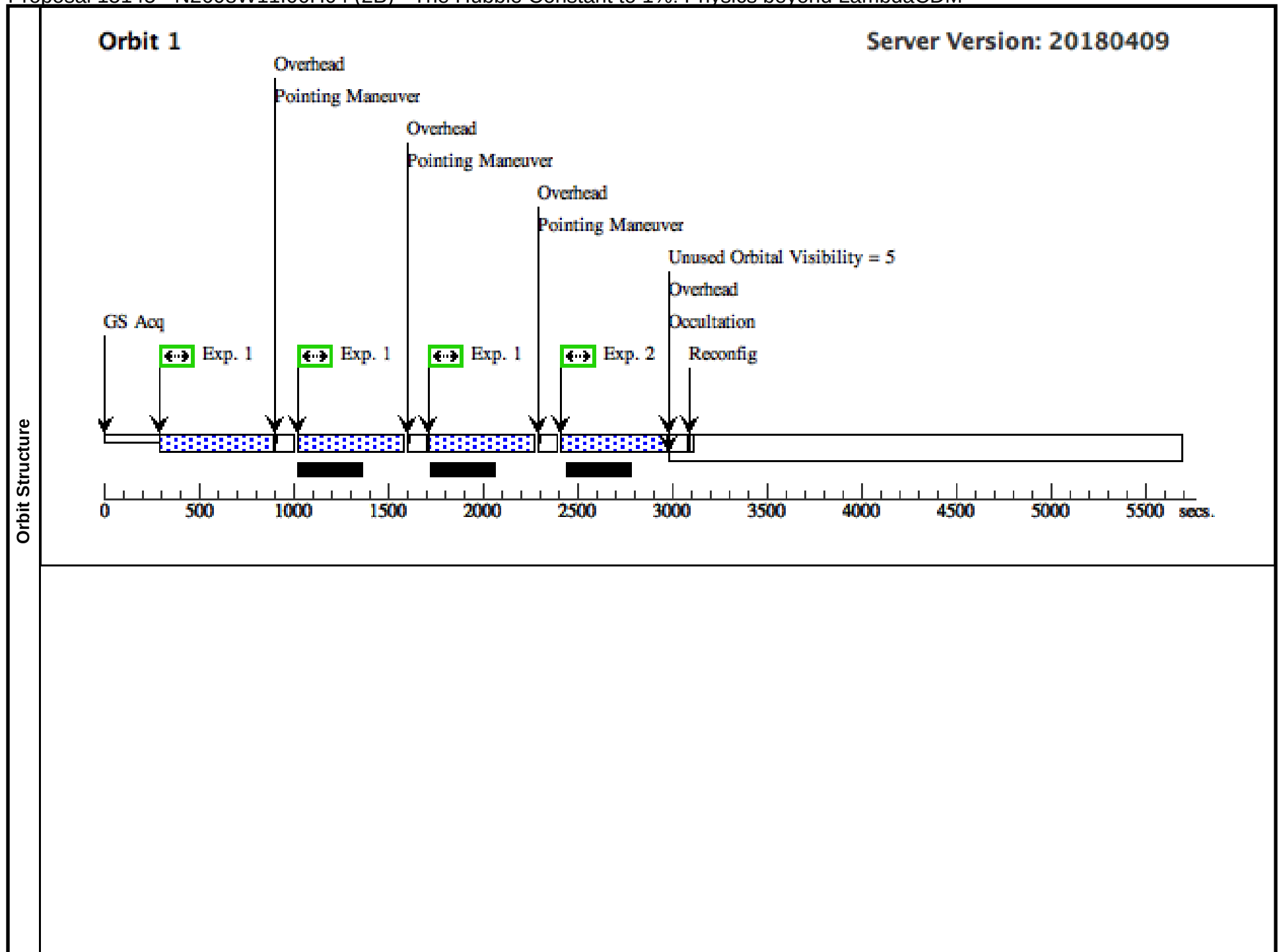
Proposal 15145 - N2608W10V06 (2A) - The Hubble Constant to 1%: Physics beyond LambdaCDM

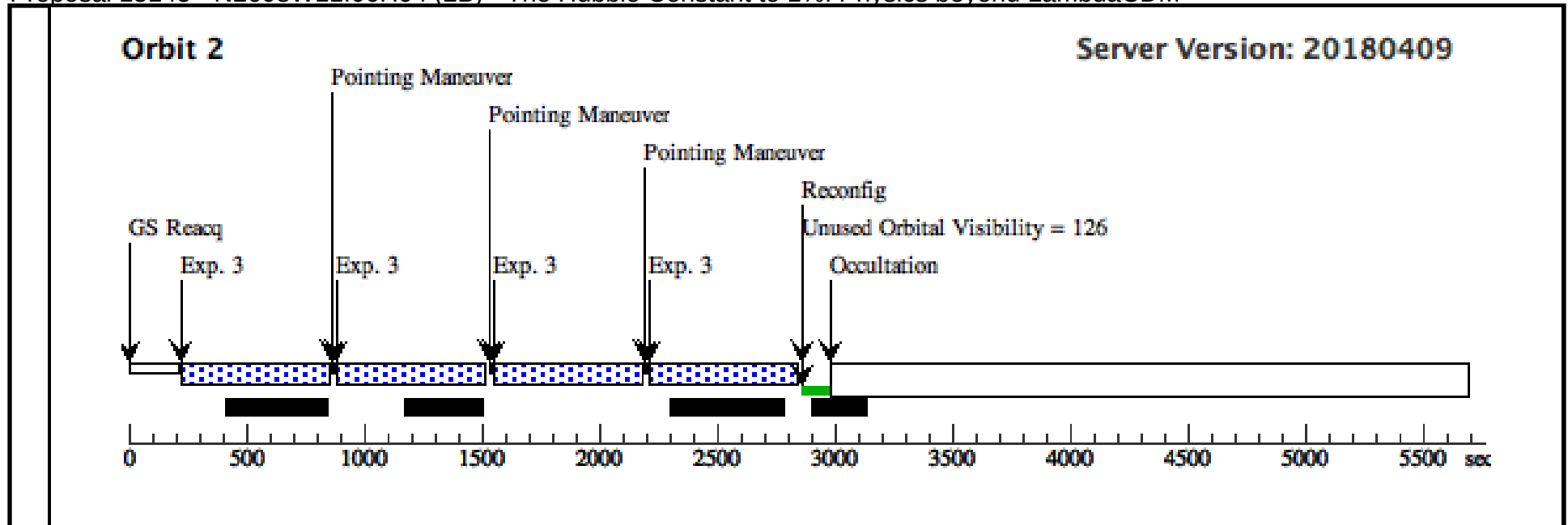
Visit	Proposal 15145, N2608W10V06 (2A), completed										Wed Oct 31 15:03:56 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 27; AFTER 21 BY 92.83 D TO 93.83 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	N2608	RA: 08 35 17.3690 (128.8223708d) Dec: +28 28 24.66 (28.47352d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N2608W10V06 (2A) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W				537 Secs (537 Secs)		
									[==>]		[1]



Proposal 15145 - N2608W11I06H04 (2B) - The Hubble Constant to 1%: Physics beyond LambdaCDM

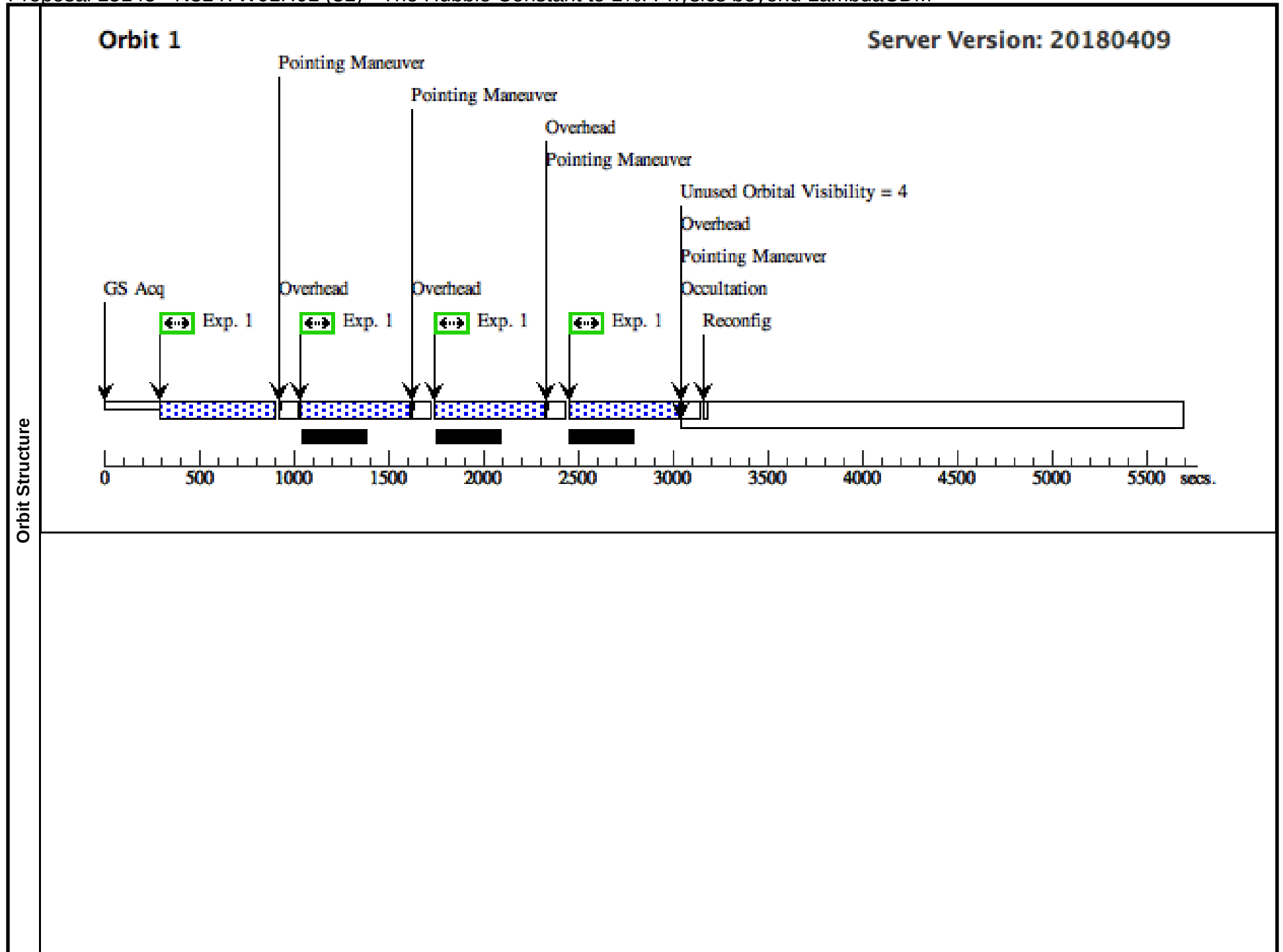
Visit	Proposal 15145, N2608W11I06H04 (2B), completed										Wed Oct 31 15:03:56 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 27; AFTER 21 BY 99.5 D TO 100.5 D										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365			Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(3)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(3)	N2608	RA: 08 35 17.3690 (128.8223708d) Dec: +28 28 24.66 (28.47352d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N2608W11I06H04 (2B) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		[1]
									[==>(Pattern 3)]		
	2		(3) N2608	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				537 Secs (537 Secs)		
									[==>]		[1]
3		(3) N2608	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W		NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 in N2608W11I06H04 (2B) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
									[==>(Pattern 4)]		[2]

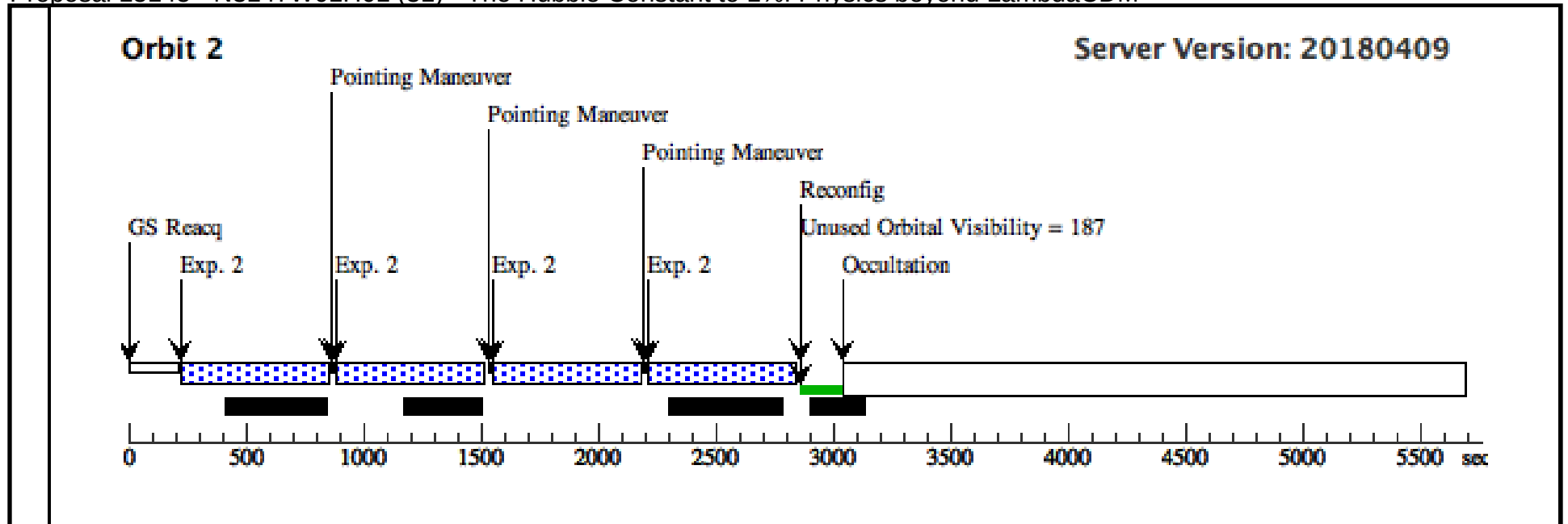




Proposal 15145 - N3147W01H01 (31) - The Hubble Constant to 1%: Physics beyond LambdaCDM

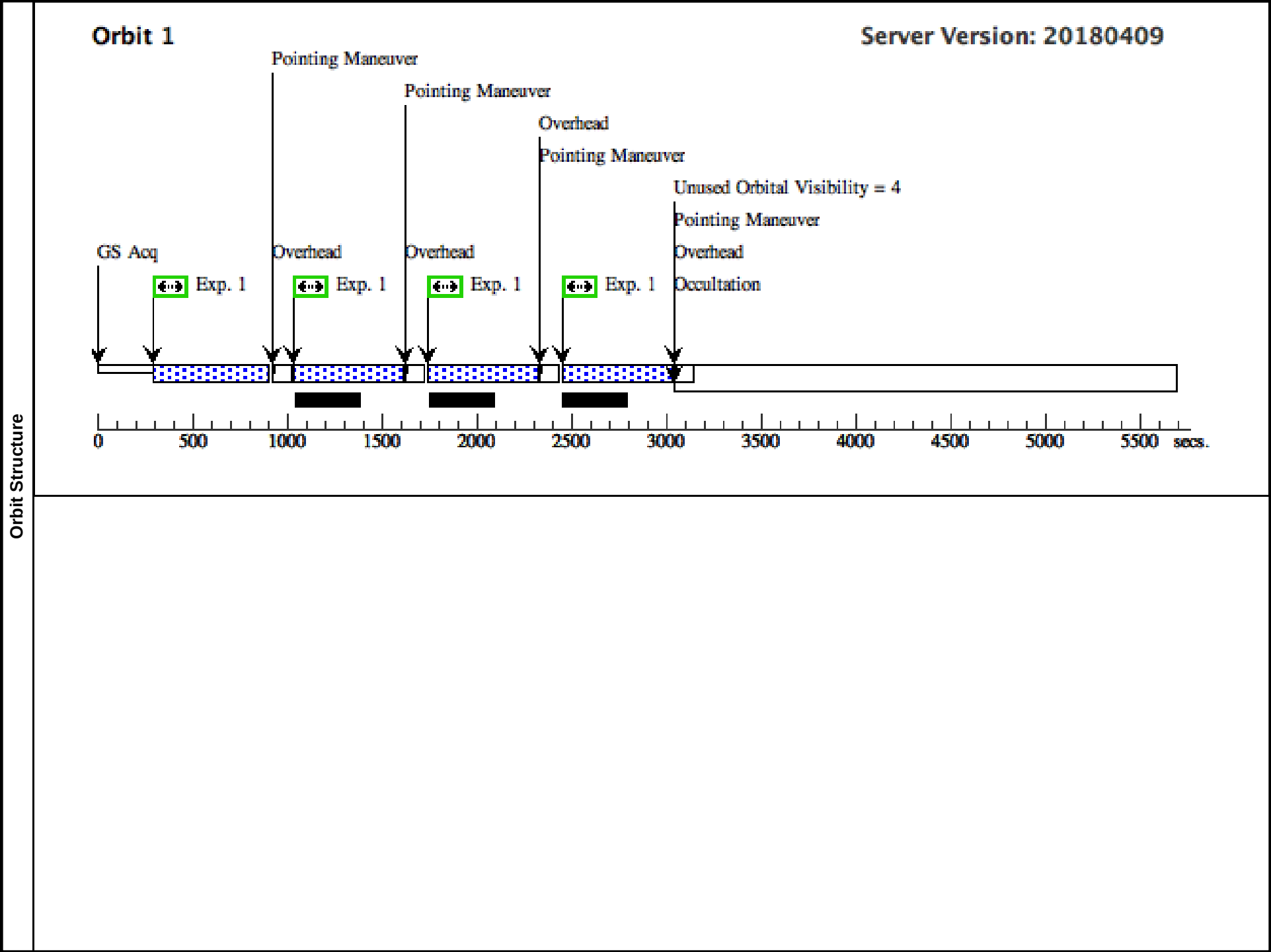
Visit	Proposal 15145, N3147W01H01 (31), completed										Wed Oct 31 15:03:56 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112			Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365			Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	N3147	RA: 10 16 53.6320 (154.2234667d) Dec: +73 24 2.34 (73.40065d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[SPIRAL]				V=26		Reference Frame: SIMBAD		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N3147W01H01 (31) (3)	580 Secs (2320 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
	2		(4) N3147	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 2-2 in N3147W01H01 (31) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	

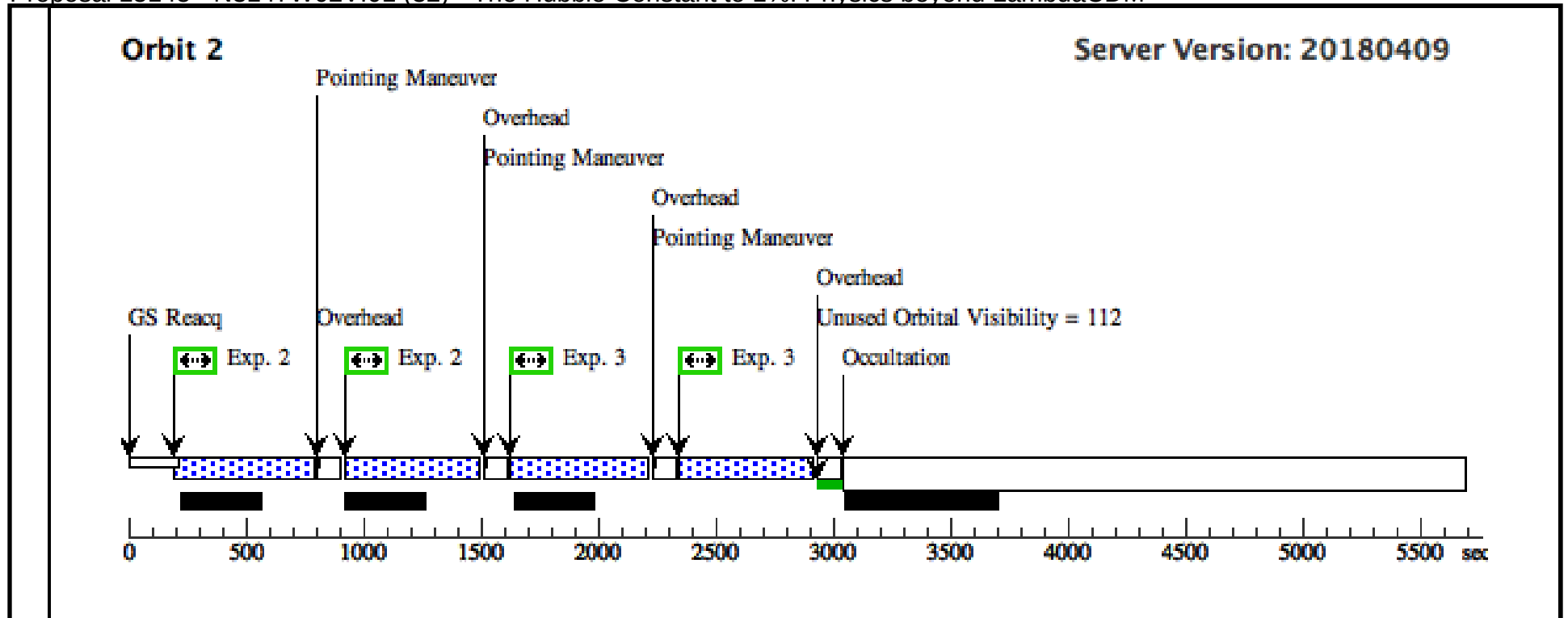




Proposal 15145 - N3147W02VI01 (32) - The Hubble Constant to 1%: Physics beyond LambdaCDM

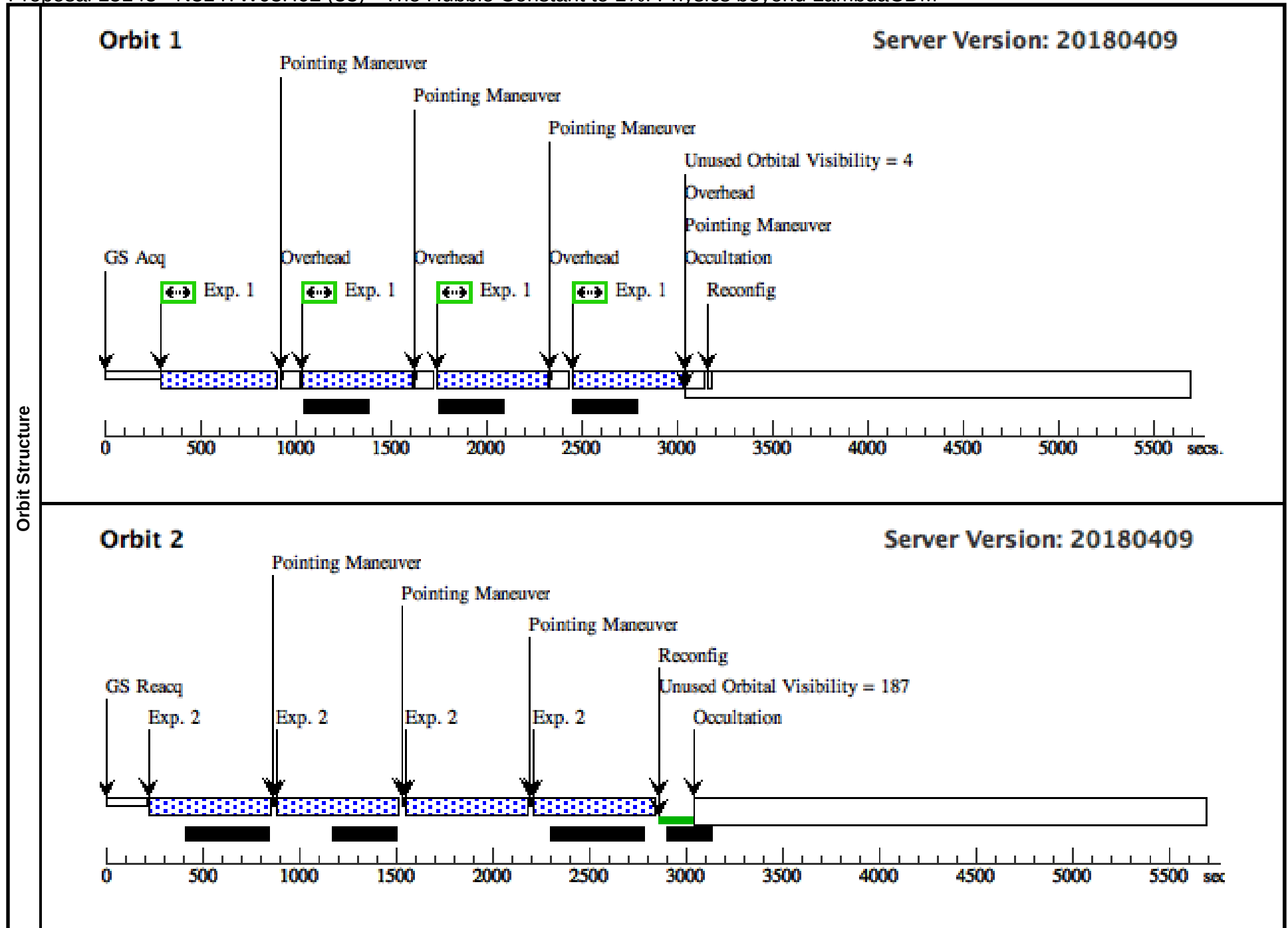
Visit	Proposal 15145, N3147W02VI01 (32), completed										Wed Oct 31 15:03:56 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 31; AFTER 31 BY 6.90 D TO 7.90 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2), (3)	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	N3147	RA: 10 16 53.6320 (154.2234667d) Dec: +73 24 2.34 (73.40065d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N3147W02VI01 (3 2) (3)	580 Secs (2320 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 in N3147W02VI01 (3 2) (1)	576 Secs (1152 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[2]
	3		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 3-3 in N3147W02VI01 (3 2) (1)	577 Secs (1154 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[2]





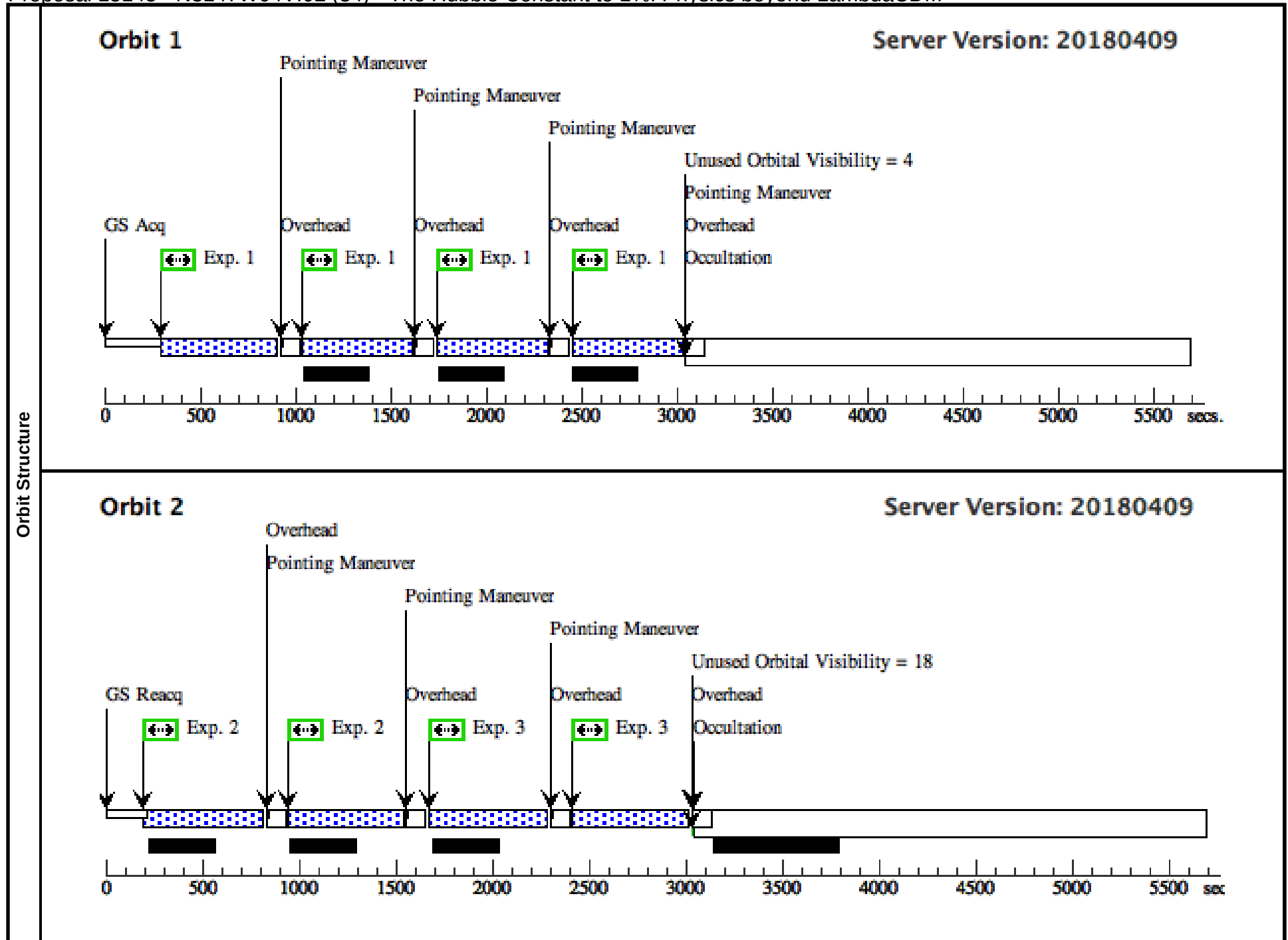
Proposal 15145 - N3147W03H02 (33) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N3147W03H02 (33), completed					Wed Oct 31 15:03:56 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 31; AFTER 31 BY 18.88 D TO 19.88 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	N3147	RA: 10 16 53.6320 (154.2234667d) Dec: +73 24 2.34 (73.40065d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N3147W03H02 (33) (3)	580 Secs (2320 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
	2		(4) N3147	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 2-2 in N3147W03H02 (33) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	



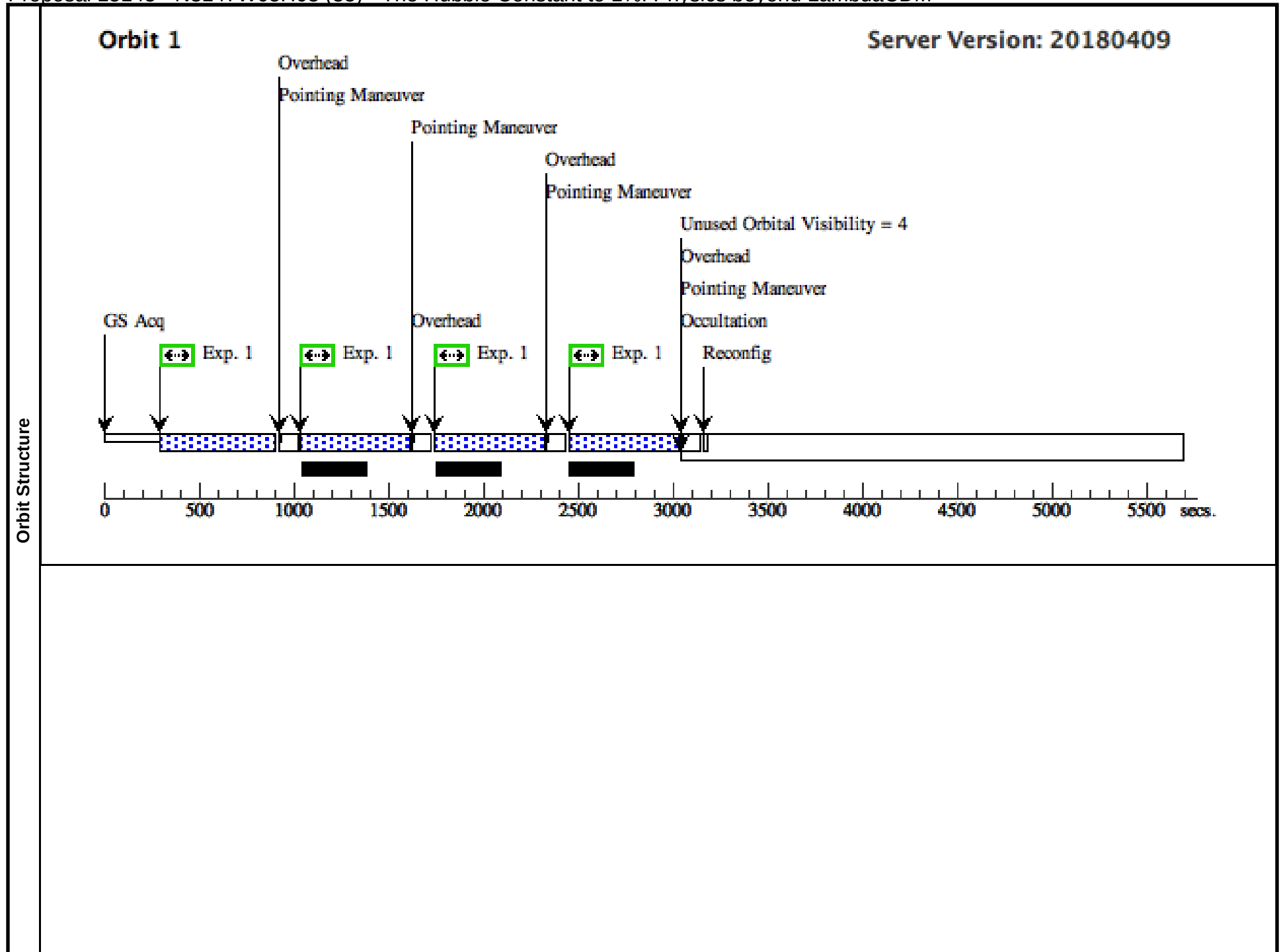
Proposal 15145 - N3147W04VI02 (34) - The Hubble Constant to 1%: Physics beyond LambdaCDM

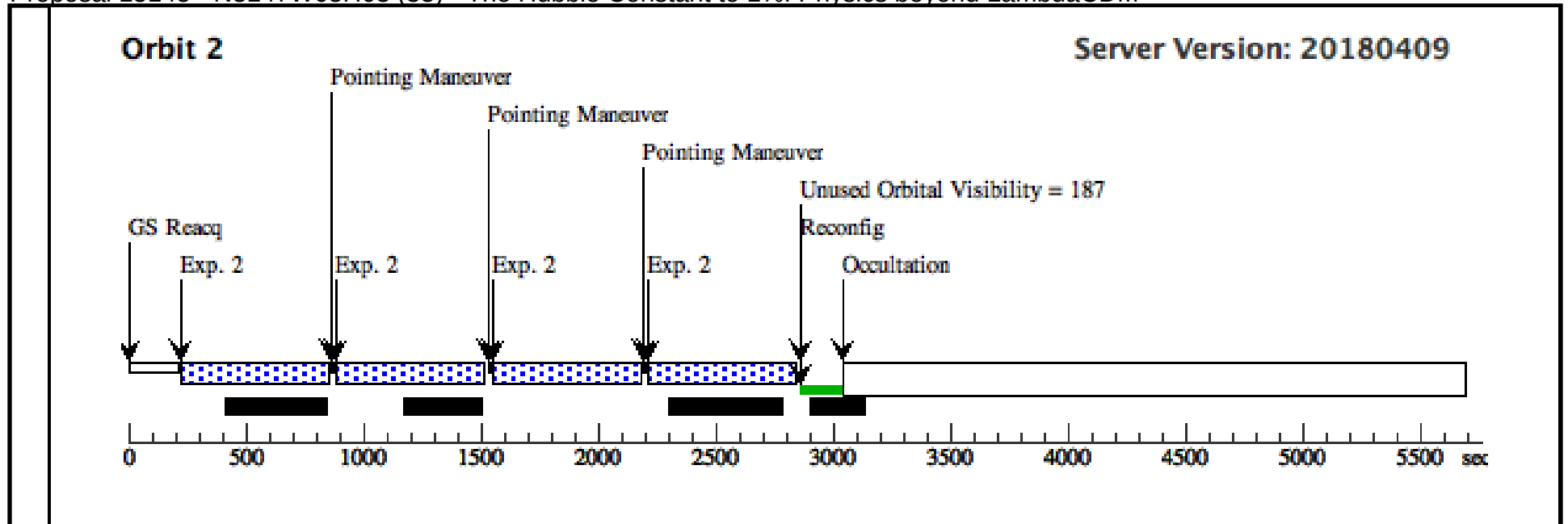
Visit	Proposal 15145, N3147W04VI02 (34), completed										Wed Oct 31 15:03:56 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 31; AFTER 31 BY 27.18 D TO 28.18 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2), (3)	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	N3147	RA: 10 16 53.6320 (154.2234667d) Dec: +73 24 2.34 (73.40065d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N3147W04VI02 (34) (3)	580 Secs (2320 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
									[==>(Pattern 4)]		
	2		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 in N3147W04VI02 (34) (1)	600 Secs (1200 Secs)		
								[==>(Pattern 1)]		[2]	
								[==>(Pattern 2)]			
3		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 3-3 in N3147W04VI02 (34) (1)	600 Secs (1200 Secs)			
								[==>(Pattern 1)]		[2]	
								[==>(Pattern 2)]			



Proposal 15145 - N3147W05H03 (35) - The Hubble Constant to 1%: Physics beyond LambdaCDM

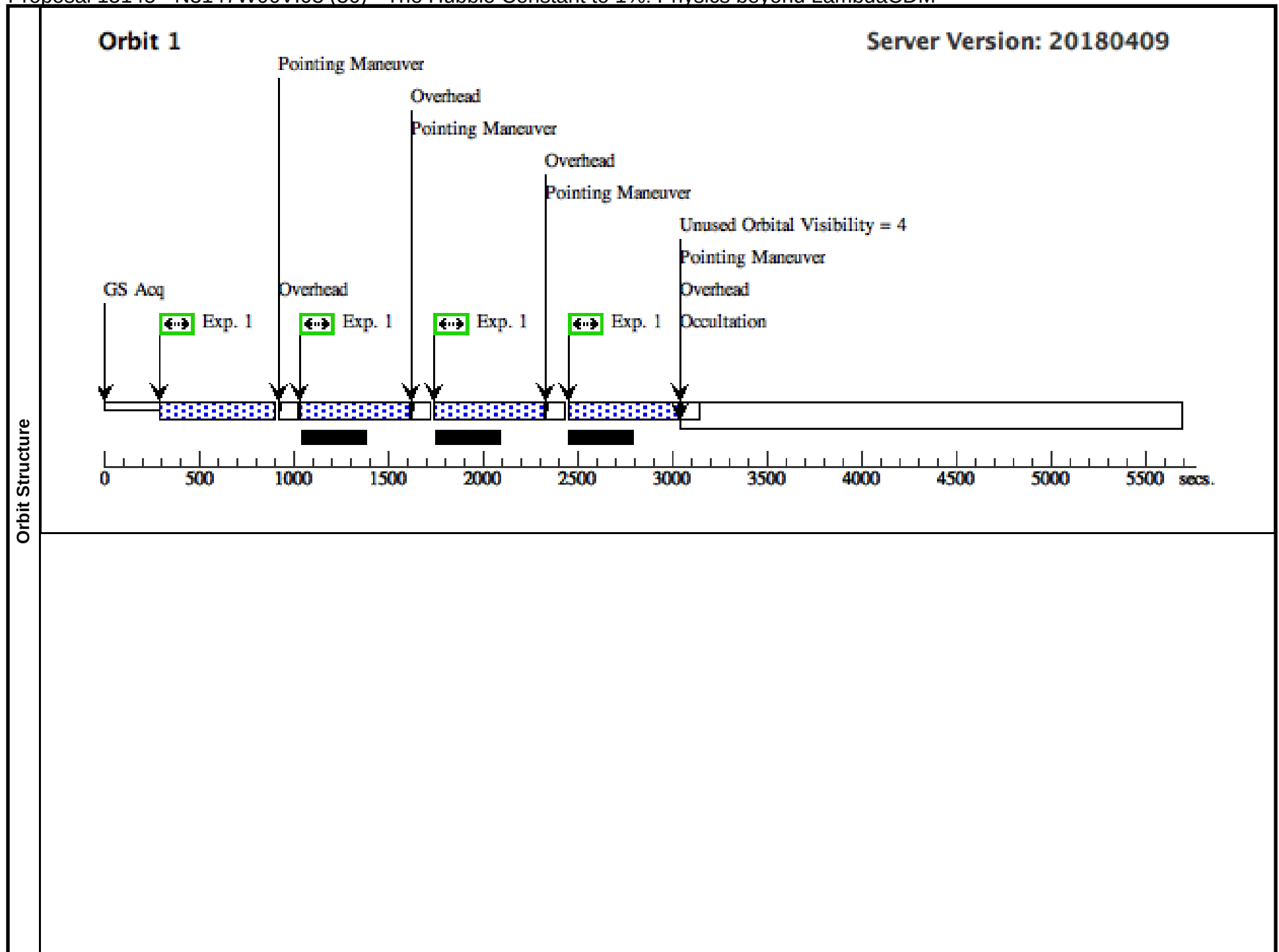
Visit	Proposal 15145, N3147W05H03 (35), completed					Wed Oct 31 15:03:56 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 31; AFTER 31 BY 36.63 D TO 37.63 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	N3147	RA: 10 16 53.6320 (154.2234667d) Dec: +73 24 2.34 (73.40065d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N3147W05H03 (35) (3)	580 Secs (2320 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(4) N3147	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 2-2 in N3147W05H03 (35) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

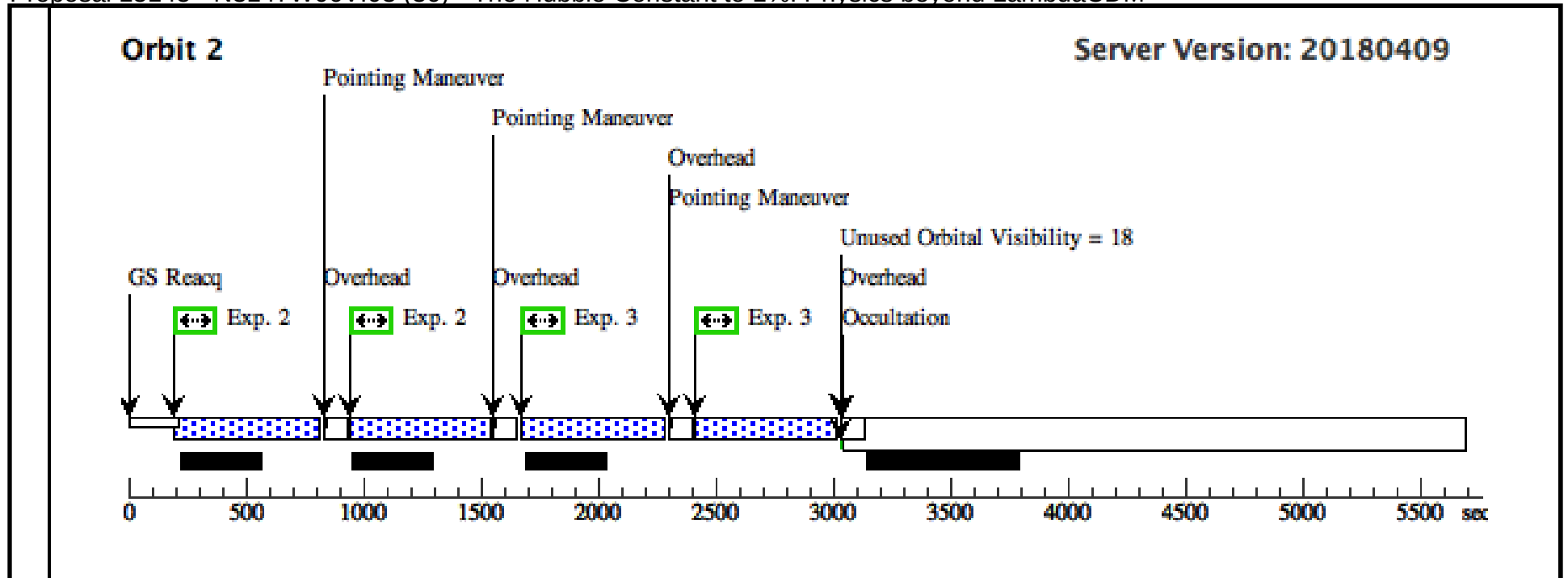




Proposal 15145 - N3147W06VI03 (36) - The Hubble Constant to 1%: Physics beyond LambdaCDM

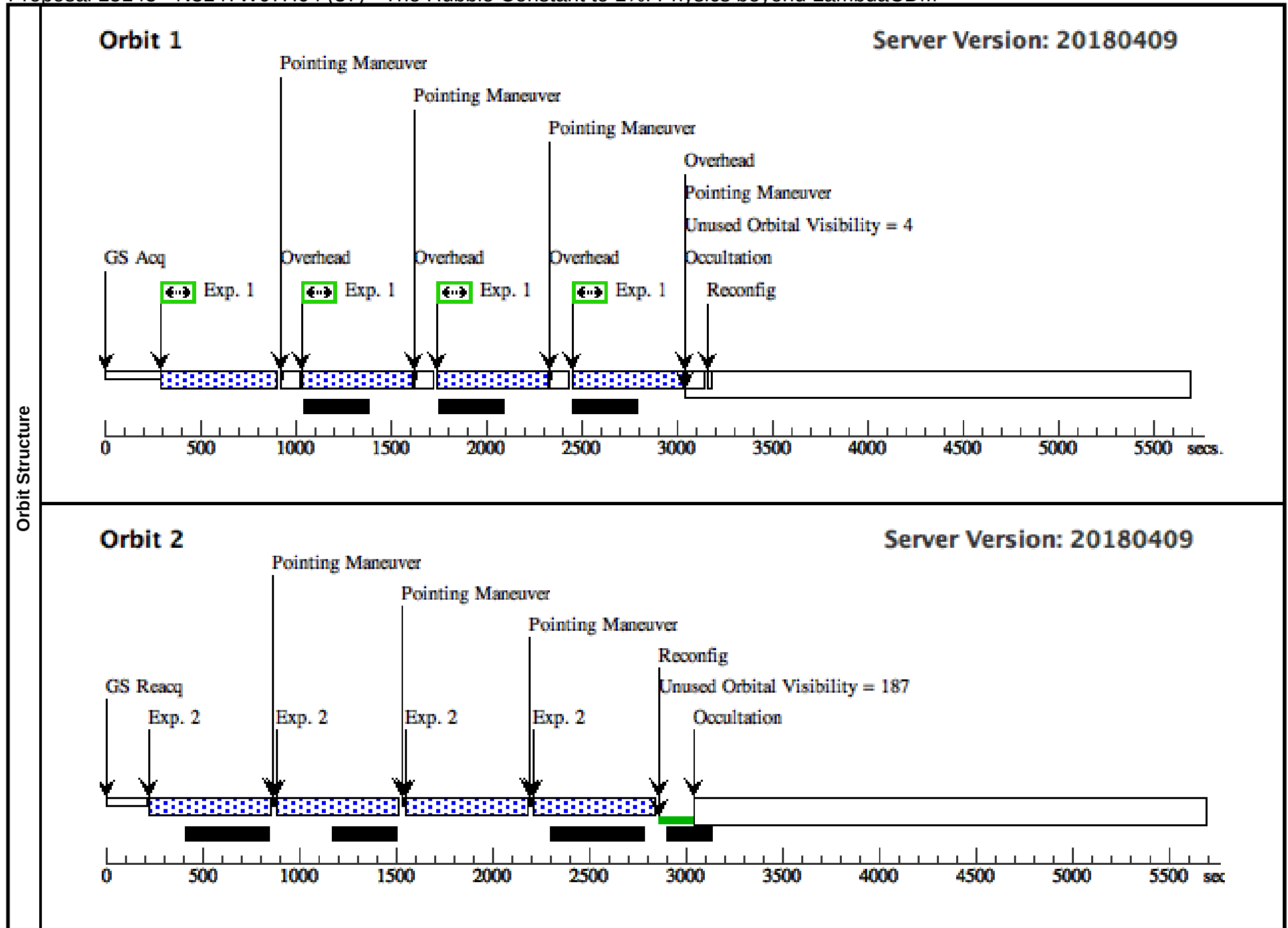
Visit	Proposal 15145, N3147W06VI03 (36), completed										Wed Oct 31 15:03:56 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; AFTER 31 BY 50.21 D TO 51.21 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2), (3)	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112			Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	N3147	RA: 10 16 53.6320 (154.2234667d) Dec: +73 24 2.34 (73.40065d) Equinox: J2000					V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 3, Exps 1-1 in N3147W06VI03 (36) (3)	580 Secs (2320 Secs)		
										[==>(Pattern 1)]		[1]
										[==>(Pattern 2)]		
										[==>(Pattern 3)]		
										[==>(Pattern 4)]		
2		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N3147W06VI03 (36) (1)	600 Secs (1200 Secs)			
										[==>(Pattern 1)]		[2]
										[==>(Pattern 2)]		
3		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W				Pattern 1, Exps 3-3 in N3147W06VI03 (36) (1)	600 Secs (1200 Secs)		
										[==>(Pattern 1)]		[2]
										[==>(Pattern 2)]		





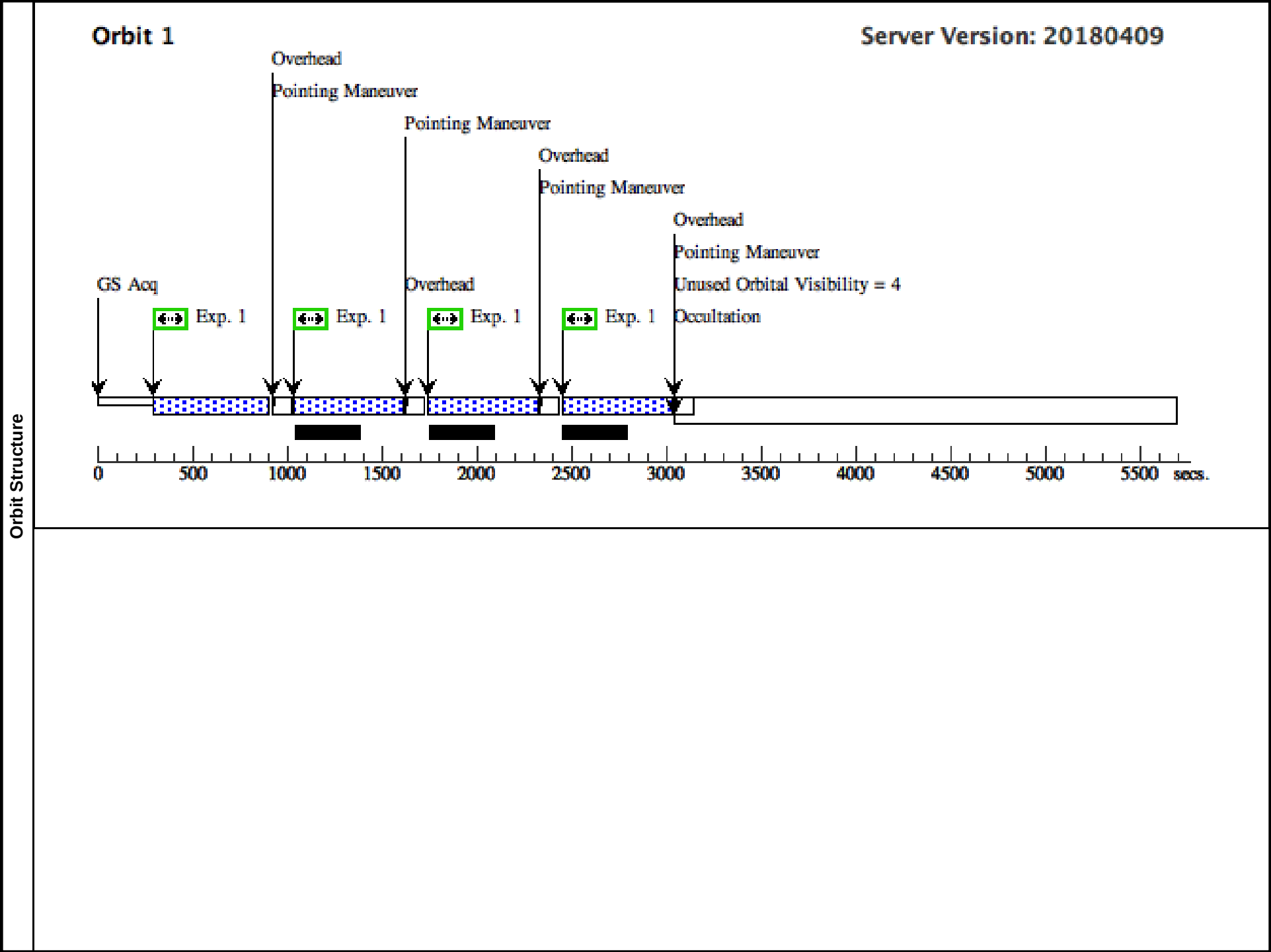
Proposal 15145 - N3147W07H04 (37) - The Hubble Constant to 1%: Physics beyond LambdaCDM

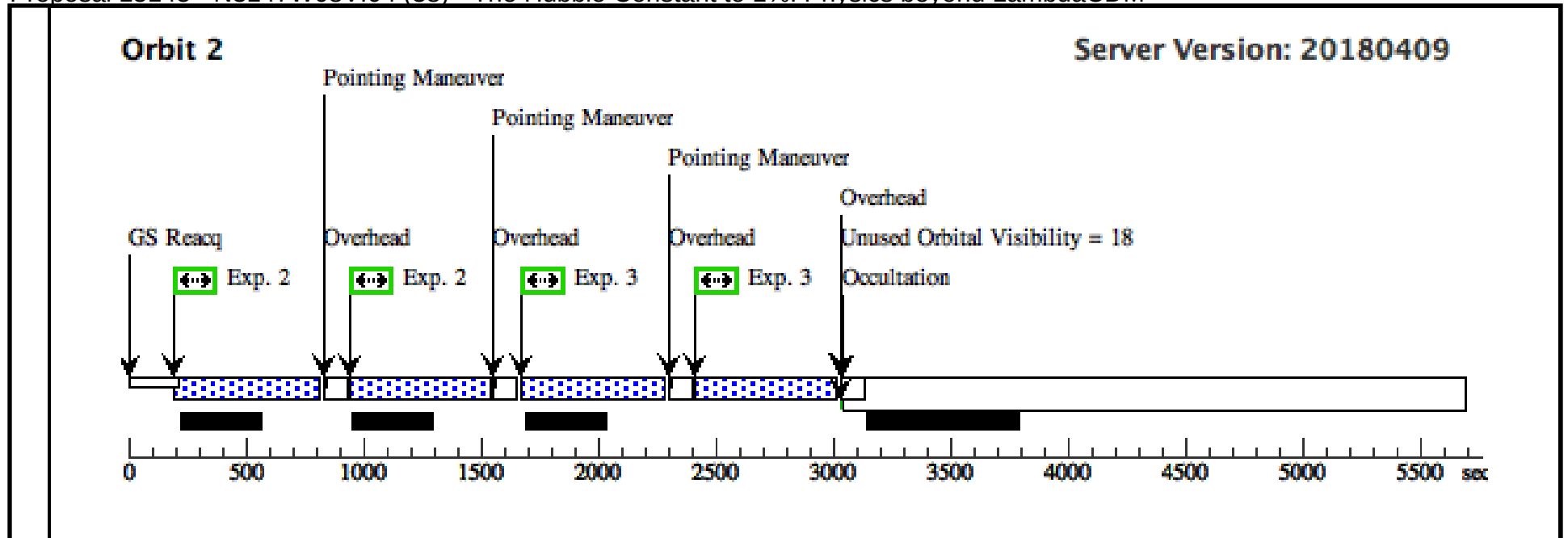
Visit	Proposal 15145, N3147W07H04 (37), completed										Wed Oct 31 15:03:56 GMT 2018			
	Diagnostic Status: No Diagnostics													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; AFTER 36 BY 60.68 D TO 61.68 D													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=23.884 Purpose=DITHER Angle Between Sides=81.785 Number Of Points=4 Center Pattern=false Point Spacing=0.173 Line Spacing=0.112										(1)		
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Coordinate Frame=POS-TARG Pattern Orientation=18.528 Purpose=DITHER Angle Between Sides=74.653 Number Of Points=4 Center Pattern=false Point Spacing=0.572 Line Spacing=0.365										(2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous					
	(4)	N3147	RA: 10 16 53.6320 (154.2234667d) Dec: +73 24 2.34 (73.40065d) Equinox: J2000				V=26		Reference Frame: SIMBAD					
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups		Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 3, Exps 1-1 in N3147W07H04 (37) (3)		580 Secs (2320 Secs)			
											[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]	
	2		(4) N3147	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 5, Exps 2-2 in N3147W07H04 (37) (5)		602.937703 Secs (2411.751 Secs)		
												[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]



Proposal 15145 - N3147W08VI04 (38) - The Hubble Constant to 1%: Physics beyond LambdaCDM

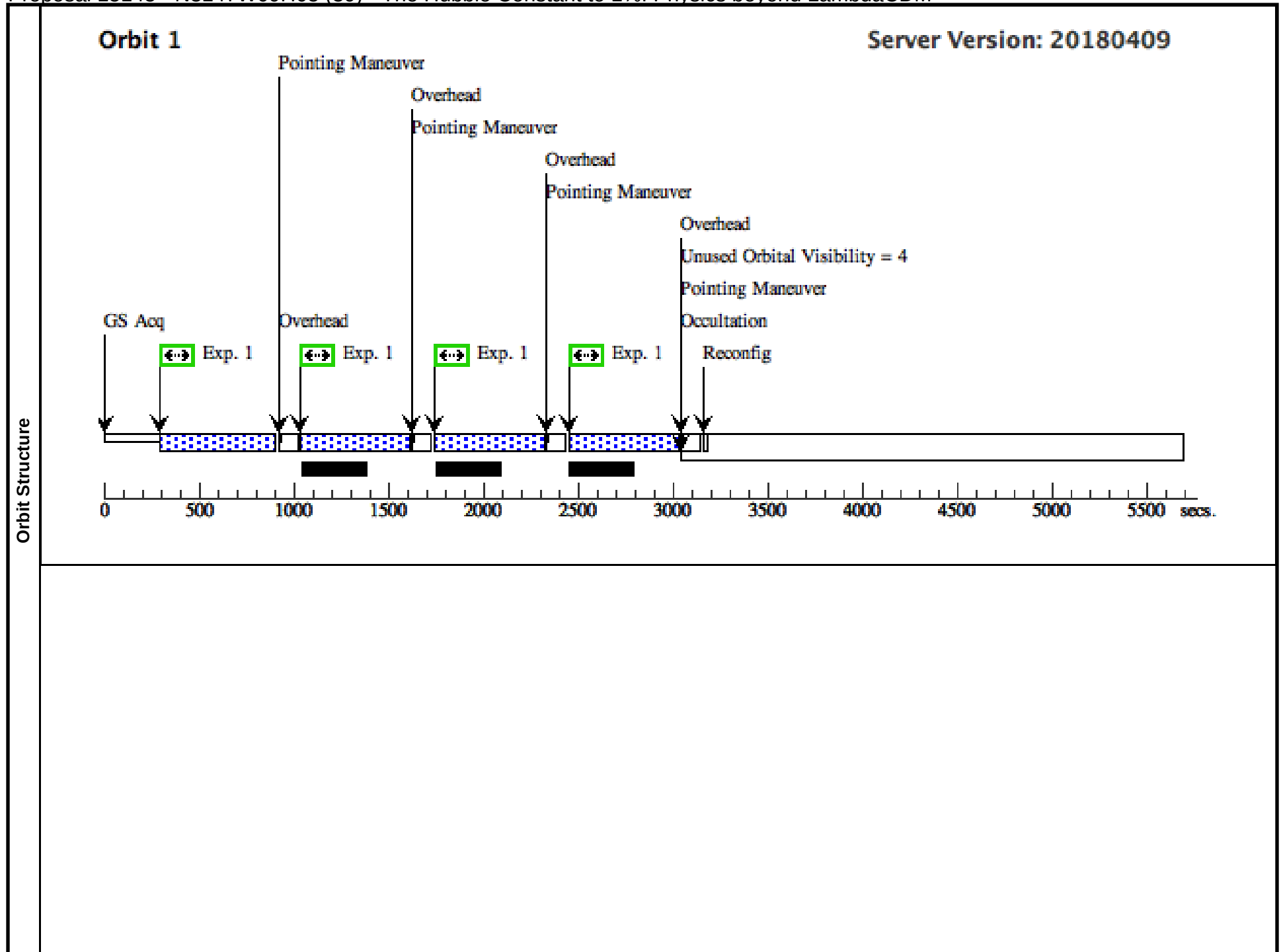
Visit	Proposal 15145, N3147W08VI04 (38), completed										Wed Oct 31 15:03:56 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 37; AFTER 36 BY 72.16 D TO 73.16 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=										(2), (3)	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=23.884 Purpose=DITHER Angle Between Sides=81.785 Number Of Points=4 Center Pattern=false Point Spacing=0.173 Line Spacing=0.112										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(4)	N3147		RA: 10 16 53.6320 (154.2234667d) Dec: +73 24 2.34 (73.40065d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 3, Exps 1-1 in N3147W08VI04 (38) (3)	580 Secs (2320 Secs)			
										[==>(Pattern 1)]			
										[==>(Pattern 2)]			
										[==>(Pattern 3)]			
										[==>(Pattern 4)]	[1]		
2		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N3147W08VI04 (38) (1)	600 Secs (1200 Secs)				
									[==>(Pattern 1)]				
									[==>(Pattern 2)]	[2]			
3		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W			Pattern 1, Exps 3-3 in N3147W08VI04 (38) (1)	600 Secs (1200 Secs)				
									[==>(Pattern 1)]				
									[==>(Pattern 2)]	[2]			

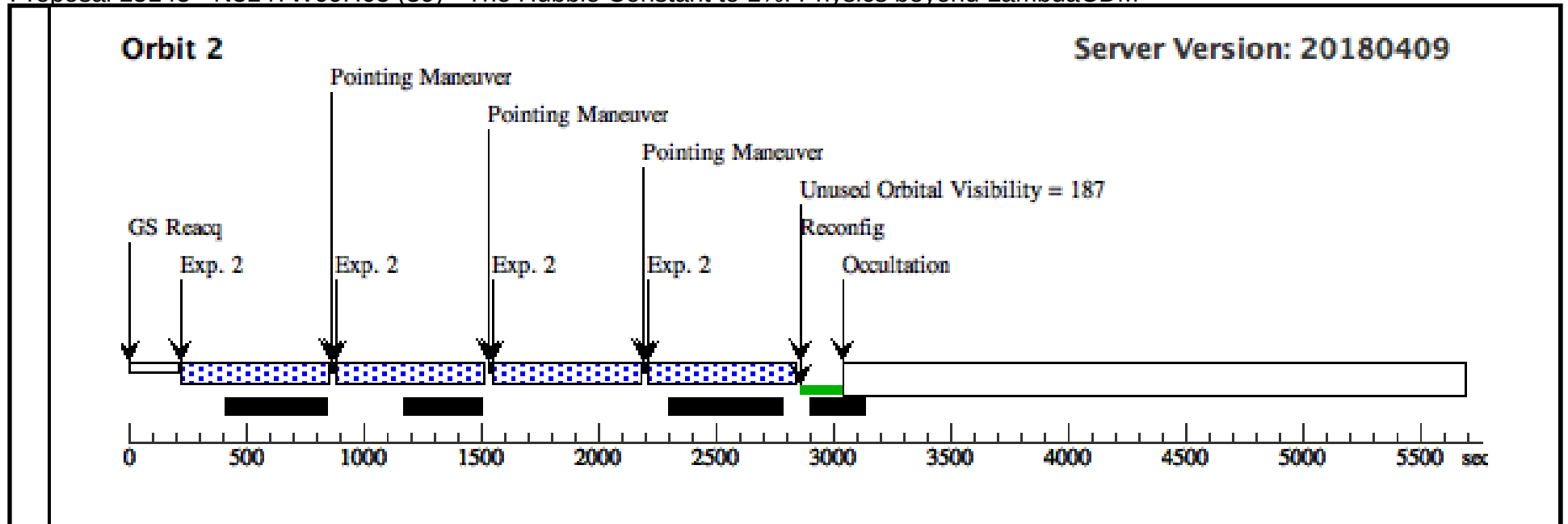




Proposal 15145 - N3147W09H05 (39) - The Hubble Constant to 1%: Physics beyond LambdaCDM

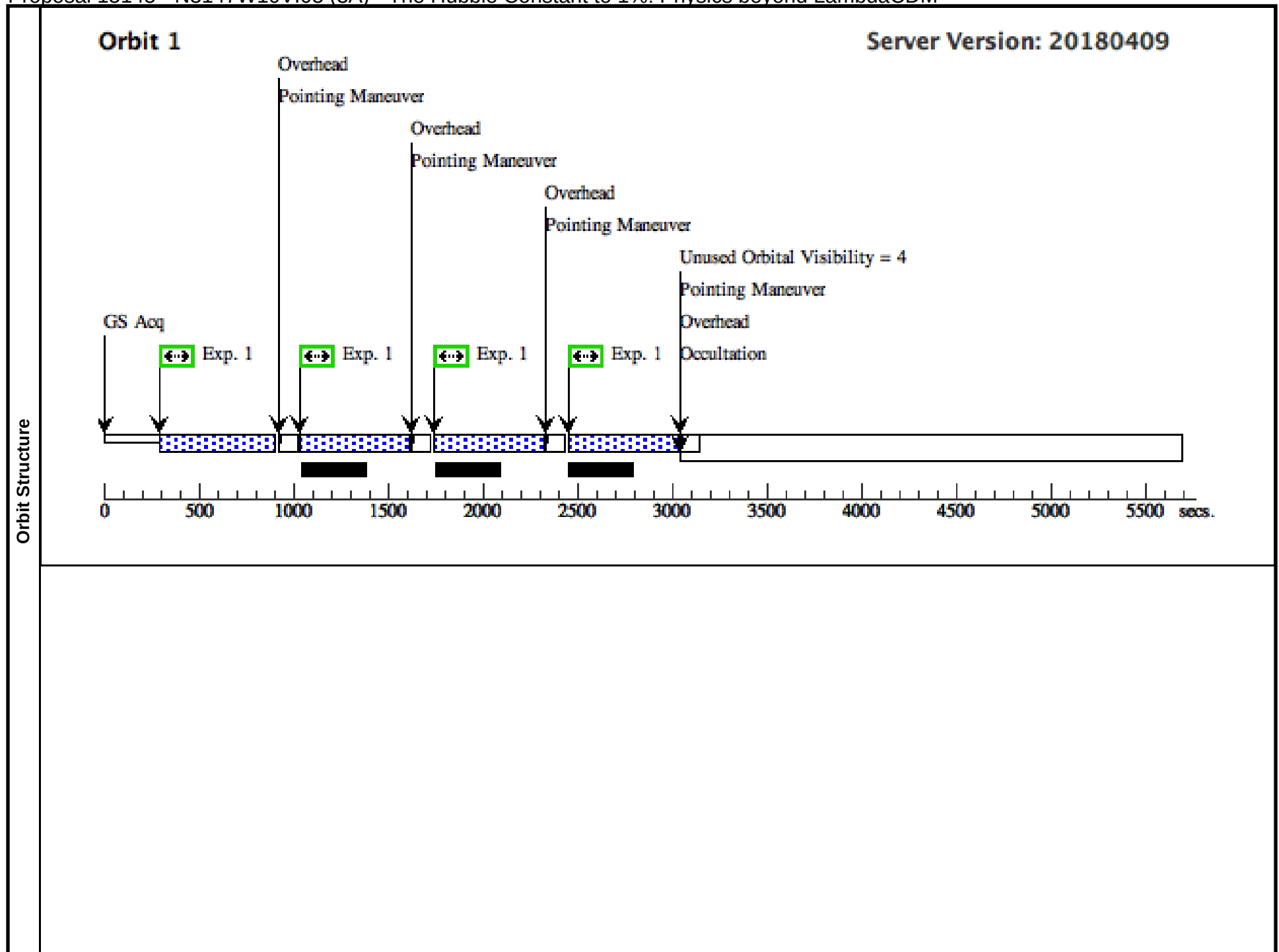
Visit	Proposal 15145, N3147W09H05 (39), completed					Wed Oct 31 15:03:56 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 37; AFTER 36 BY 84.6 D TO 86.04 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	N3147	RA: 10 16 53.6320 (154.2234667d) Dec: +73 24 2.34 (73.40065d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N3147W09H05 (39) (3)	580 Secs (2320 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(4) N3147	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 2-2 in N3147W09H05 (39) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

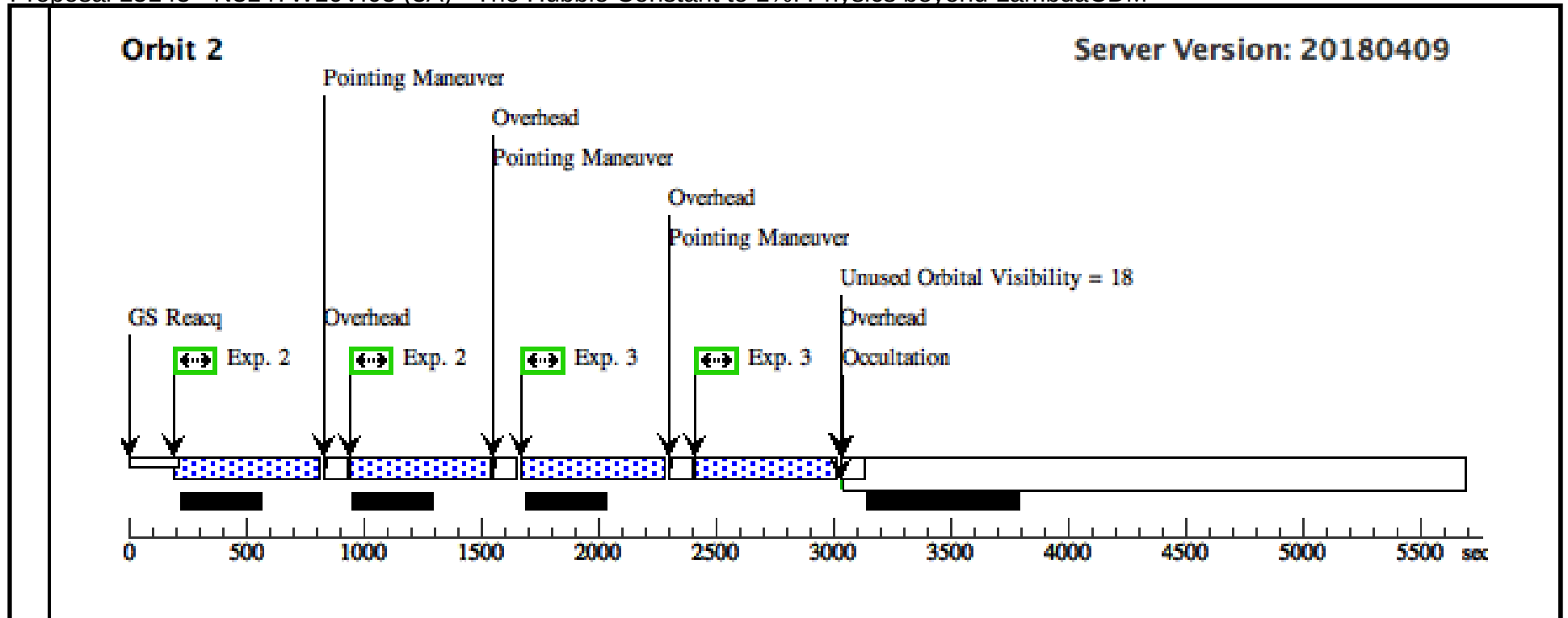




Proposal 15145 - N3147W10VI05 (3A) - The Hubble Constant to 1%: Physics beyond LambdaCDM

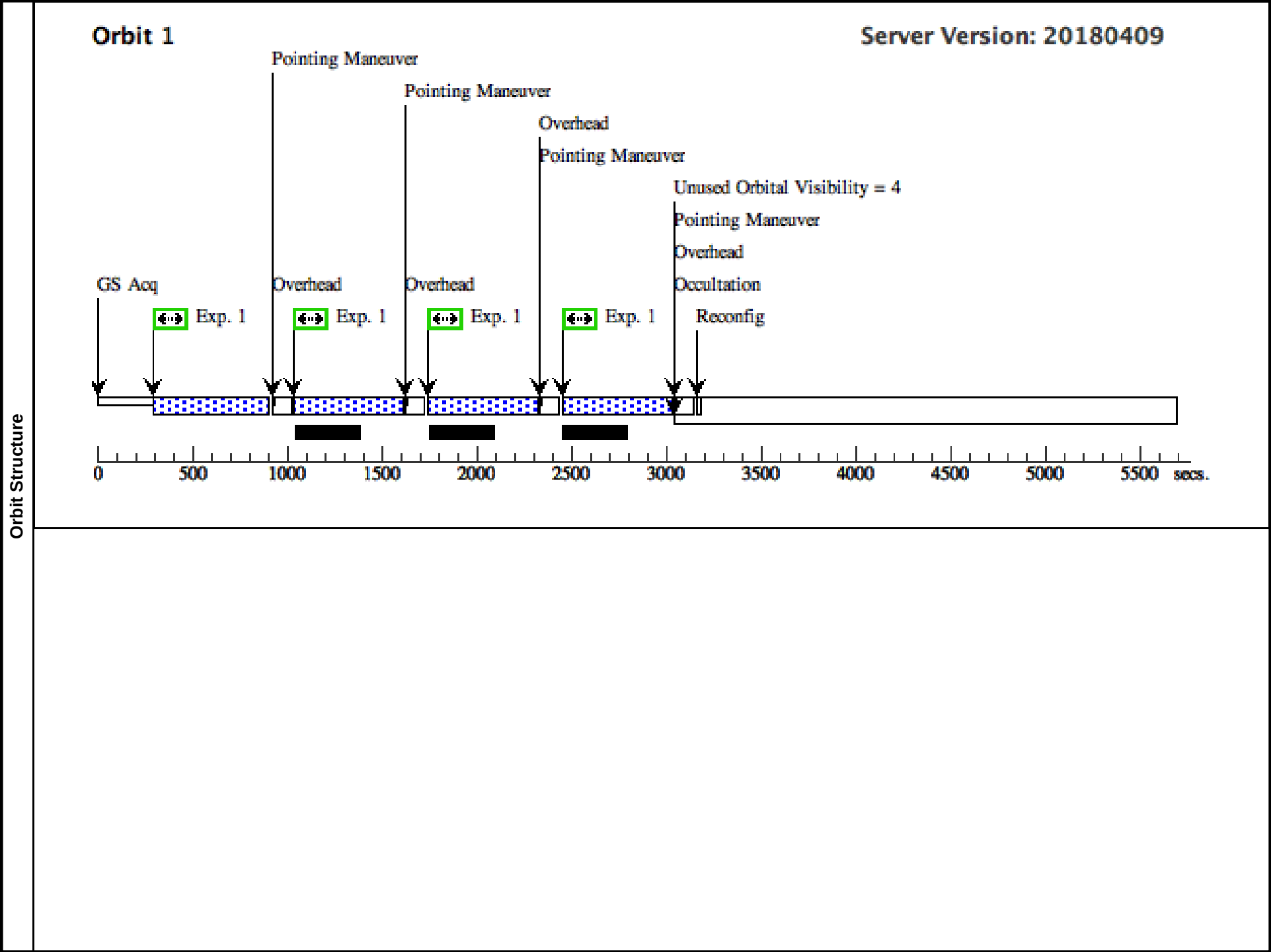
Visit	Proposal 15145, N3147W10VI05 (3A), completed										Wed Oct 31 15:03:56 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 37; AFTER 36 BY 92.83 D TO 93.83 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=										(2), (3)	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=23.884 Purpose=DITHER Angle Between Sides=81.785 Number Of Points=4 Center Pattern=false Point Spacing=0.173 Line Spacing=0.112										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(4)	N3147		RA: 10 16 53.6320 (154.2234667d) Dec: +73 24 2.34 (73.40065d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 3, Exps 1-1 in N3147W10VI05 (3 A) (3)	580 Secs (2320 Secs)			
									[==>(Pattern 1)]		[1]		
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
									[==>(Pattern 4)]				
	2		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N3147W10VI05 (3 A) (1)	600 Secs (1200 Secs)			
								[==>(Pattern 1)]		[2]			
								[==>(Pattern 2)]					
3		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W			Pattern 1, Exps 3-3 in N3147W10VI05 (3 A) (1)	600 Secs (1200 Secs)				
								[==>(Pattern 1)]		[2]			
								[==>(Pattern 2)]					

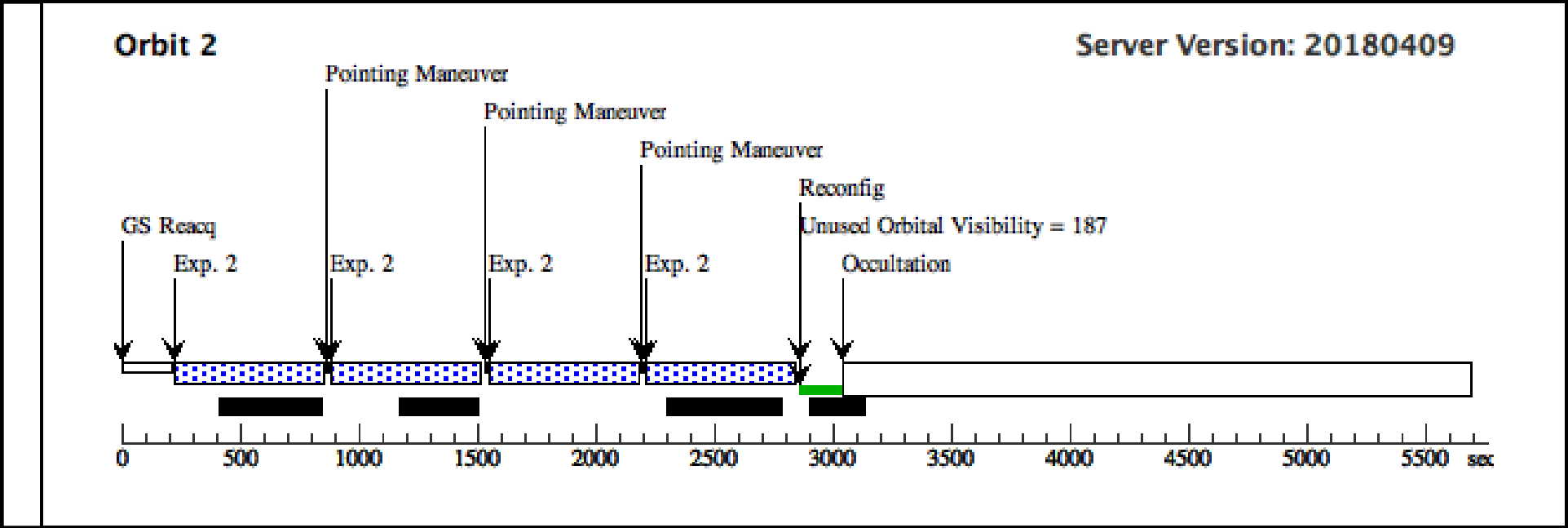




Proposal 15145 - N3147W11H06 (3B) - The Hubble Constant to 1%: Physics beyond LambdaCDM

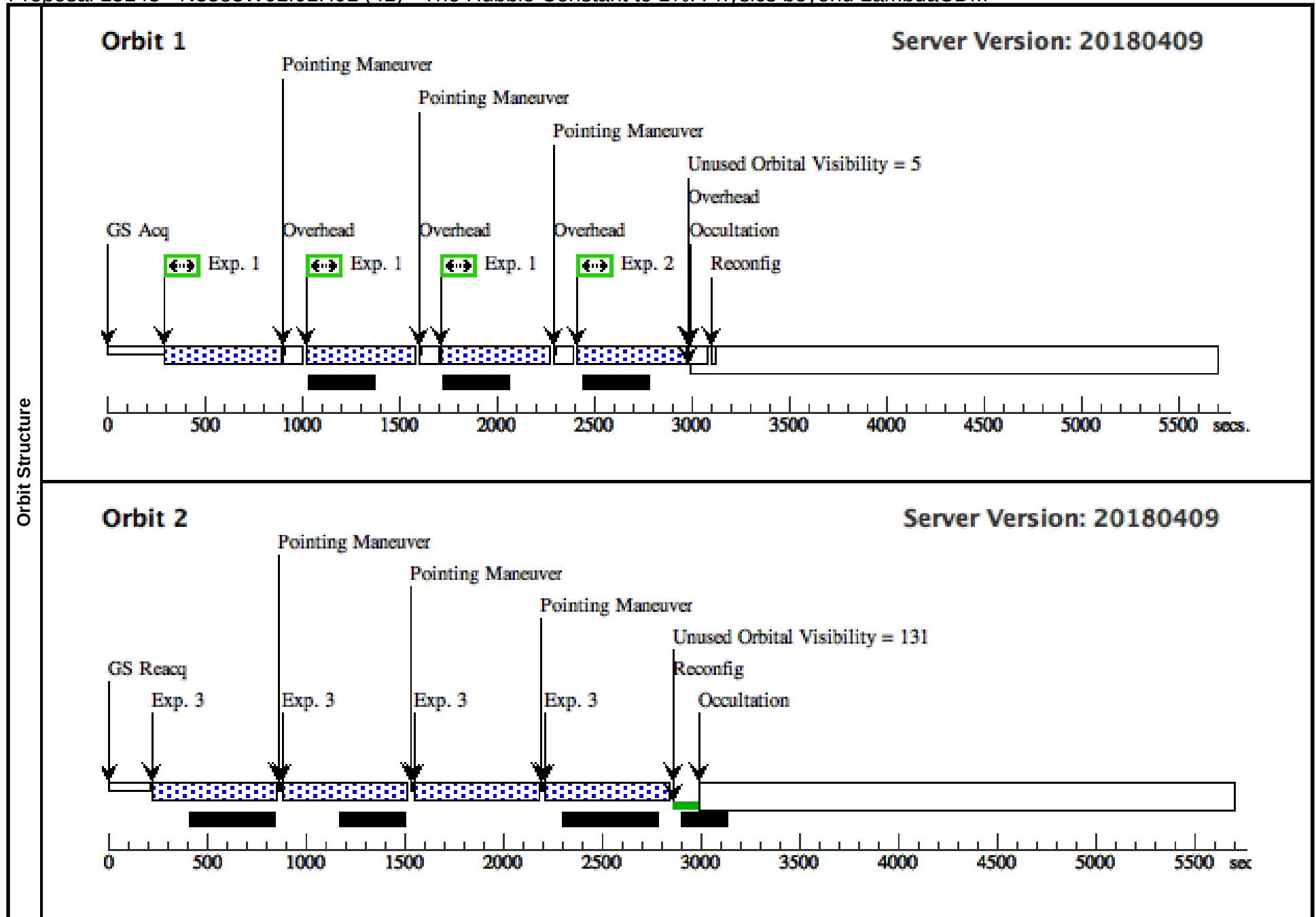
Visit	Proposal 15145, N3147W11H06 (3B), completed					Wed Oct 31 15:03:57 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 37; AFTER 36 BY 99.5 D TO 100.5 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	N3147	RA: 10 16 53.6320 (154.2234667d) Dec: +73 24 2.34 (73.40065d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=GALAXY Description=[SPIRAL]				V=26		Reference Frame: SIMBAD		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) N3147	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N3147W11H06 (3B) (3)	580 Secs (2320 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
	2		(4) N3147	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 2-2 in N3147W11H06 (3B) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]	





Proposal 15145 - N3583W01I01H01 (41) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N3583W01I01H01 (41), completed										Wed Oct 31 15:03:57 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 110D TO 215 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=					Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(1)	
	(5)	Pattern Type=WFC3-IR-DITHER- BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365					Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(5)	N3583		RA: 11 14 10.9790 (168.5457458d) Dec: +48 19 6.16 (48.31838d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n N3583W01I01H01 (41) (2)	567 Secs (1701 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W				539 Secs (539 Secs)			
										[==>]		[1]	
	3		(5) N3583	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N3583W01I01H01 (41) (5)	602.937703 Secs (2411.751 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]	

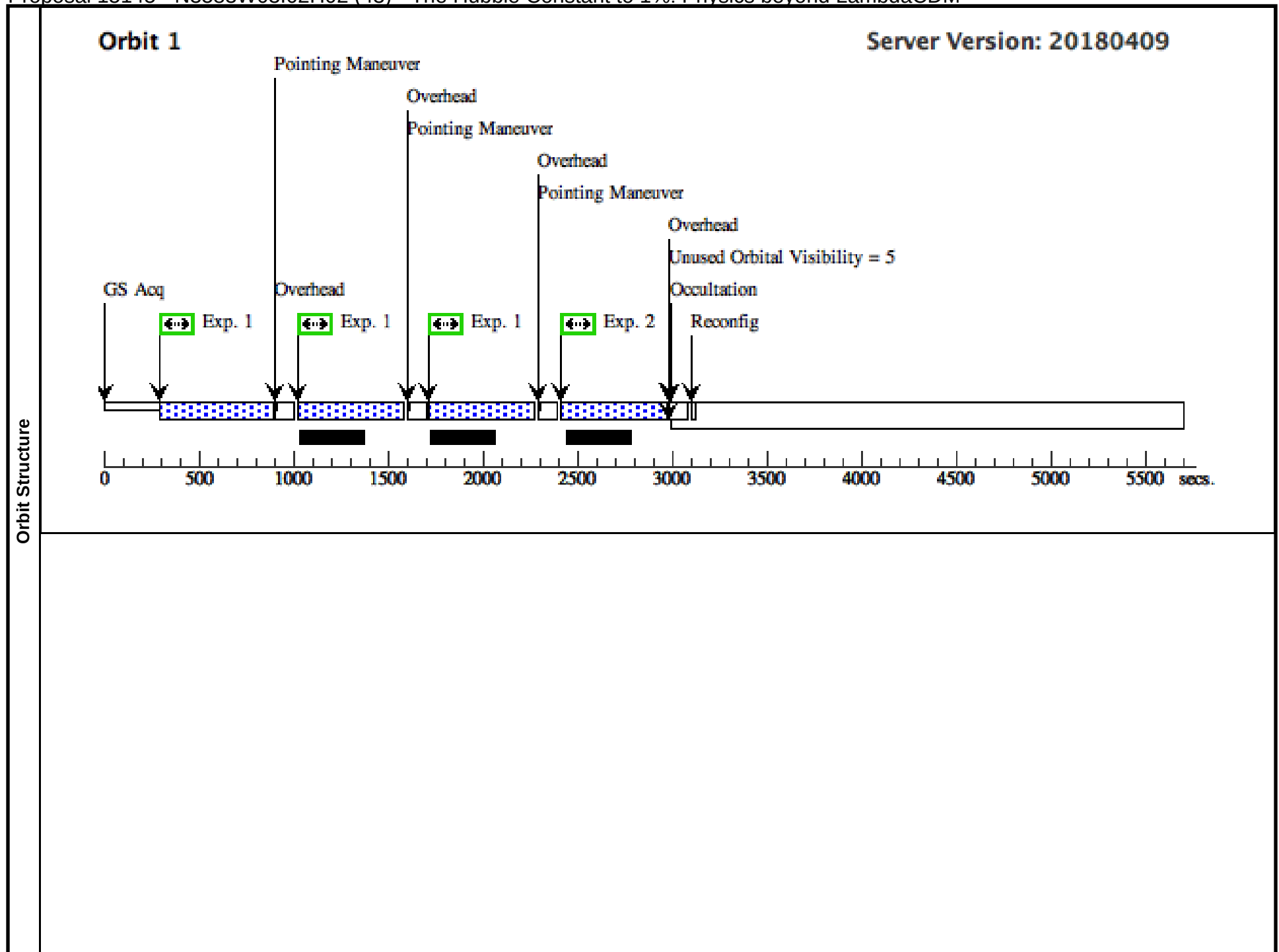


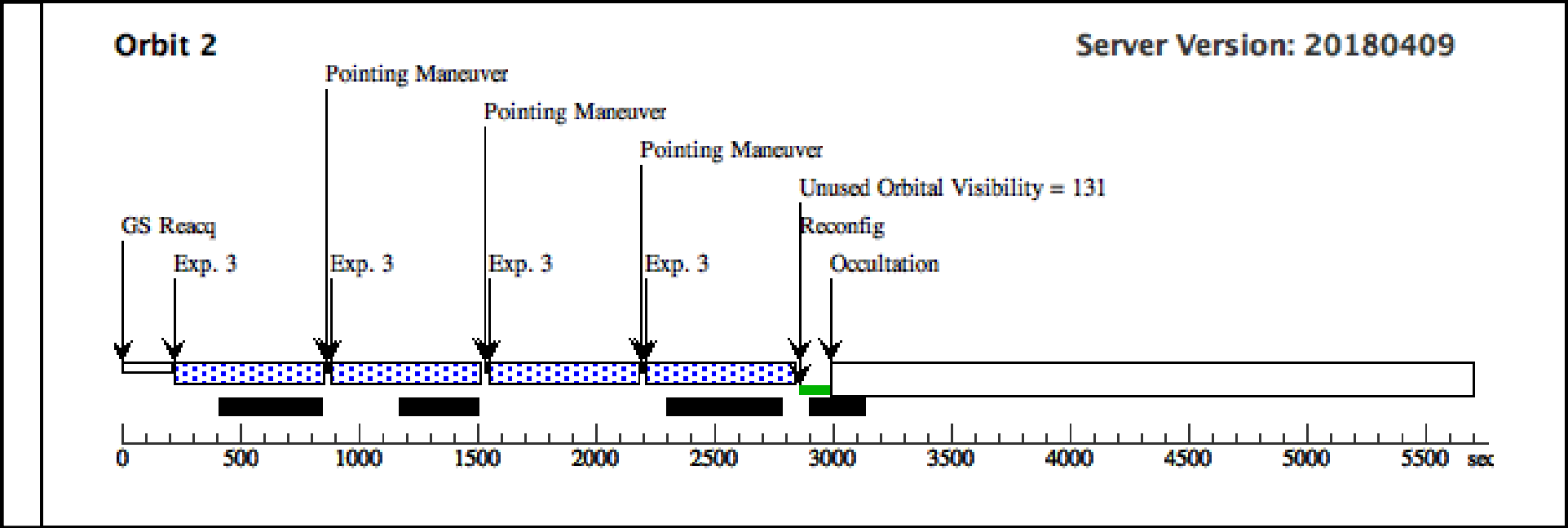
Proposal 15145 - N3583W02V01 (42) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N3583W02V01 (42), completed					Wed Oct 31 15:03:57 GMT 2018				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: SCHED 100%; SAME ORIENT AS 41; AFTER 41 BY 11.23 D TO 12.23 D									
Patterns	#	Primary Pattern		Secondary Pattern		Exposures				
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(5)	N3583	RA: 11 14 10.9790 (168.5457458d) Dec: +48 19 6.16 (48.31838d) Equinox: J2000		V=26	Reference Frame: SIMBAD				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n N3583W02V01 (4 2) (2)	566 Secs (1698 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W				539 Secs (539 Secs) [==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20180409 The diagram illustrates the timeline of Orbit 1, starting at 0 seconds and ending at 5500 seconds. Key events include: GS Acq at 0s, Exp. 1 at ~300s, Overhead at ~900s, Pointing Maneuver at ~1600s, Exp. 1 at ~1800s, Overhead at ~2100s, Pointing Maneuver at ~2300s, Exp. 2 at ~2500s, Overhead at ~2800s, and Occultation at ~3000s. The timeline is divided into segments by vertical lines, with labels for each segment. The segments are color-coded: blue for GS Acq, green for Exp. 1, and yellow for Exp. 2. The Occultation segment is marked with a black bar. The timeline ends at 5500 seconds.									

Proposal 15145 - N3583W03I02H02 (43) - The Hubble Constant to 1%: Physics beyond LambdaCDM

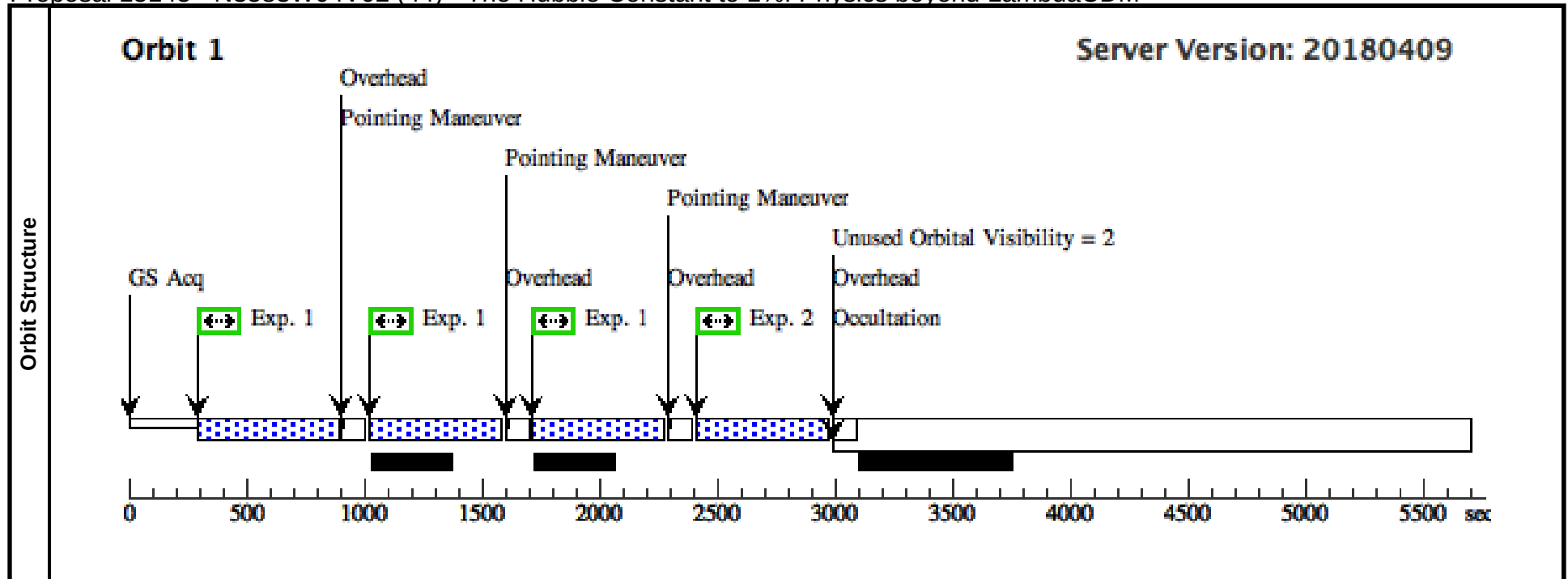
Visit	Proposal 15145, N3583W03I02H02 (43), completed										Wed Oct 31 15:03:57 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 41; AFTER 41 BY 22.38 D TO 23.38 D										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365			Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(3)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	N3583	RA: 11 14 10.9790 (168.5457458d) Dec: +48 19 6.16 (48.31838d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in N3583W03I02H02 (43) (2)	567 Secs (1701 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				539 Secs (539 Secs)		
									[==>]		[1]
	3		(5) N3583	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 in N3583W03I02H02 (43) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]





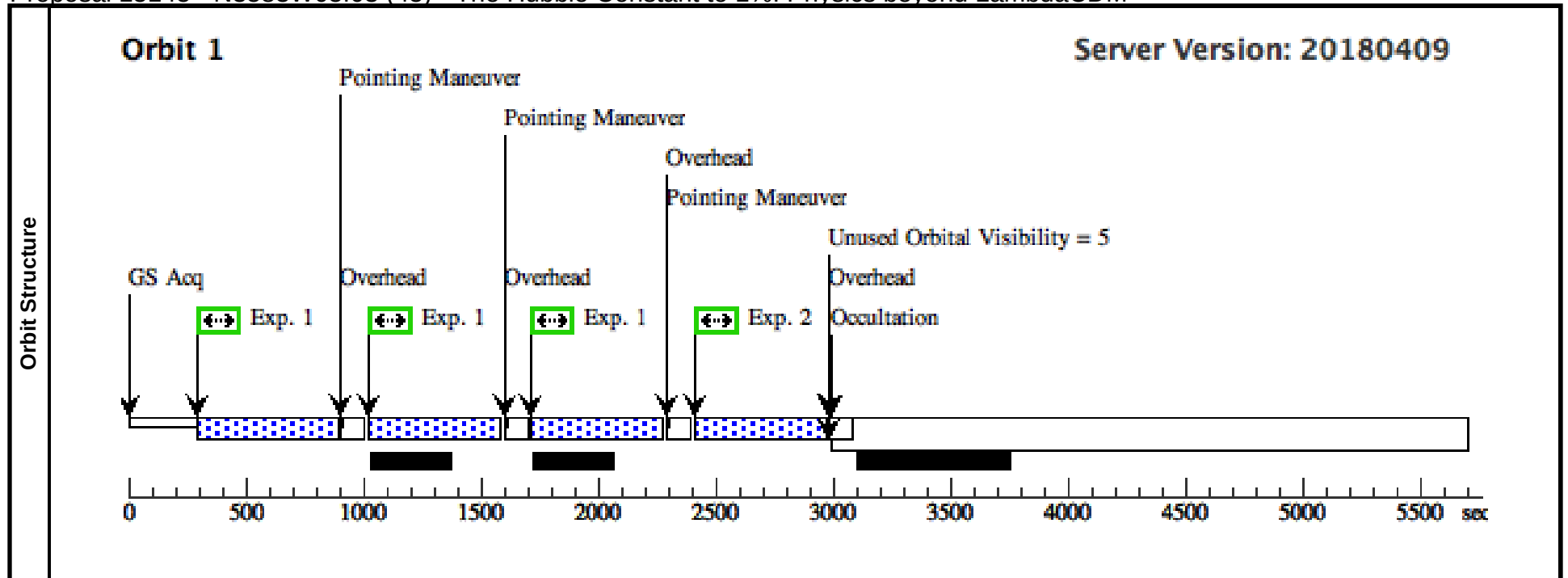
Proposal 15145 - N3583W04V02 (44) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N3583W04V02 (44), completed										Wed Oct 31 15:03:57 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 41; AFTER 41 BY 30.35 D TO 31.35 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	N3583	RA: 11 14 10.9790 (168.5457458d) Dec: +48 19 6.16 (48.31838d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n N3583W04V02 (4 4) (2)	567 Secs (1701 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W				539 Secs (539 Secs)		
									[==>]		[1]



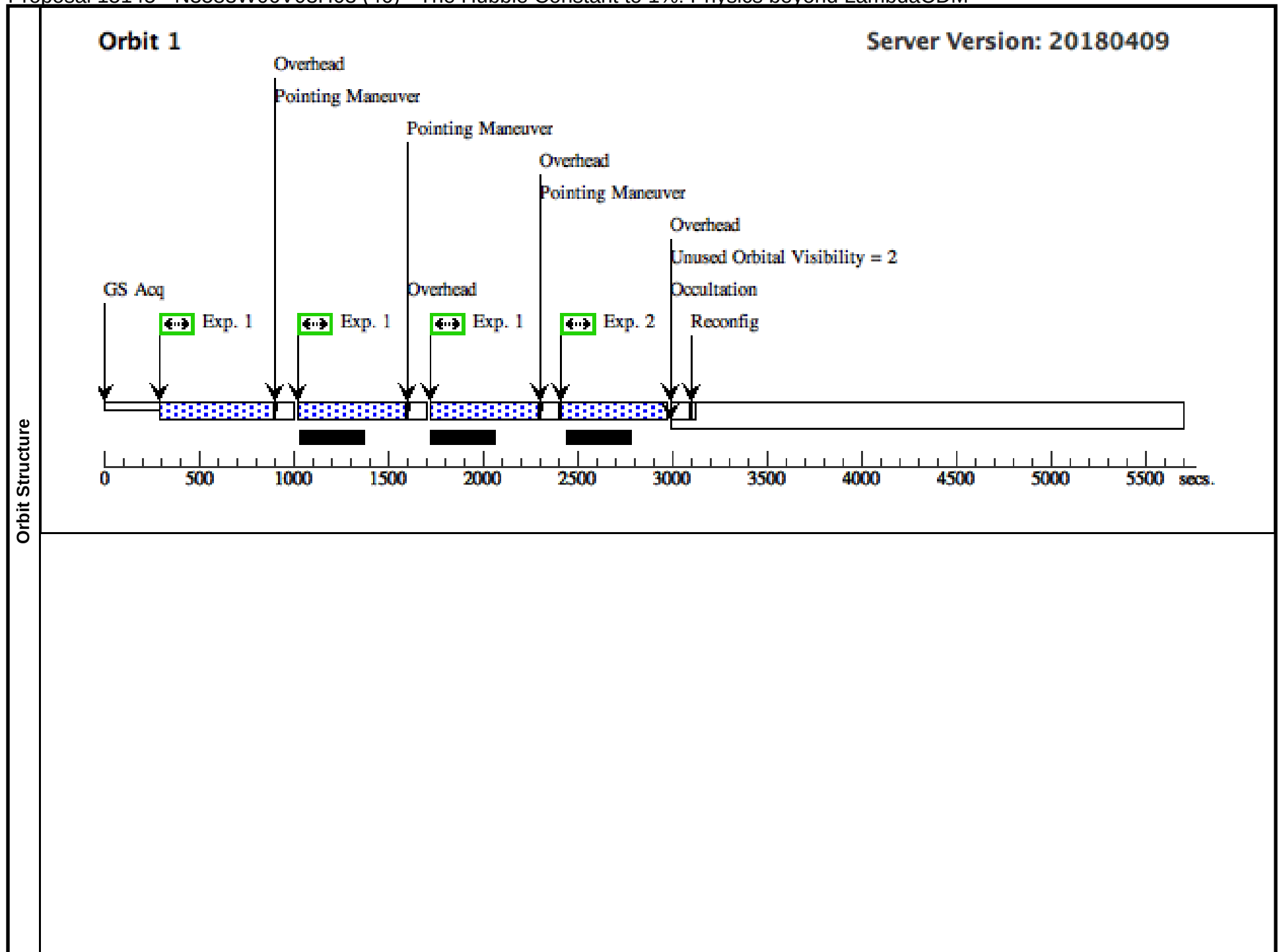
Proposal 15145 - N3583W05I03 (45) - The Hubble Constant to 1%: Physics beyond LambdaCDM

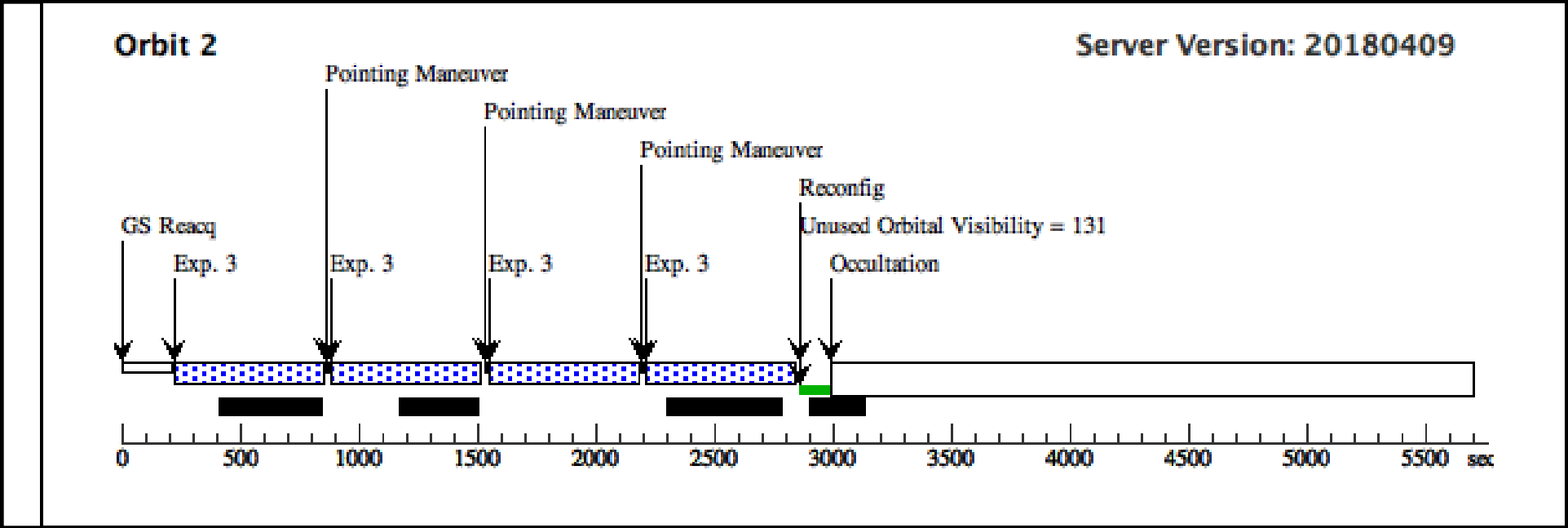
Visit	Proposal 15145, N3583W05I03 (45), completed										Wed Oct 31 15:03:57 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 41; AFTER 41 BY 36.42 D TO 37.42 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(5)	N3583		RA: 11 14 10.9790 (168.5457458d) Dec: +48 19 6.16 (48.31838d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n N3583W05I03 (45)) (2)	567 Secs (1701 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W				539 Secs (539 Secs)			
										[==>]		[1]	



Proposal 15145 - N3583W06V03H03 (46) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N3583W06V03H03 (46), completed										Wed Oct 31 15:03:57 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 41; AFTER 41 BY 43.05 D TO 44.05 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365 Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false								(3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	N3583	RA: 11 14 10.9790 (168.5457458d) Dec: +48 19 6.16 (48.31838d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in N3583W06V03H03 (46) (2)	568 Secs (1704 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				539 Secs (539 Secs)		
									[==>]		[1]
	3		(5) N3583	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 in N3583W06V03H03 (46) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]



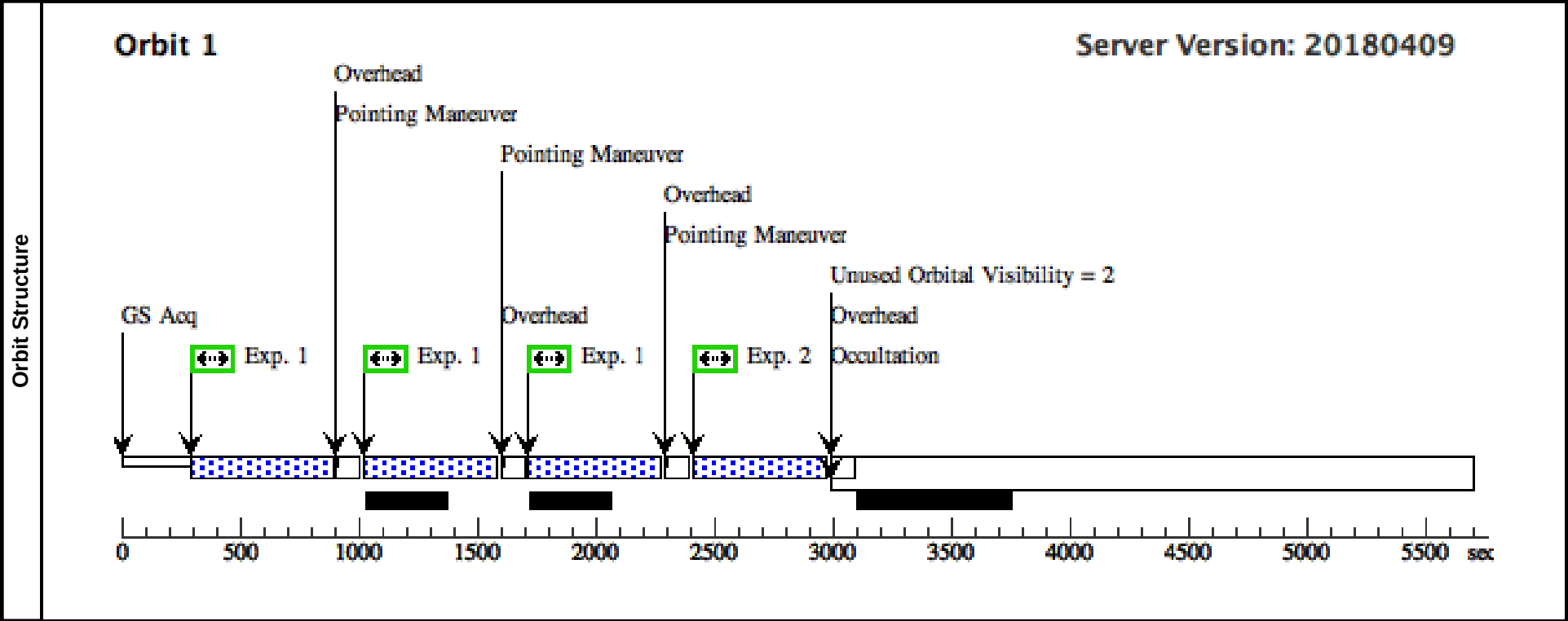


Proposal 15145 - N3583W07I04 (47) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N3583W07I04 (47), completed										Wed Oct 31 15:03:57 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; ORIENT 110D TO 215 D; AFTER 41 BY 51.29 D TO 52.29 D										
Patterns	#	Primary Pattern					Secondary Pattern			Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	N3583	RA: 11 14 10.9790 (168.5457458d) Dec: +48 19 6.16 (48.31838d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n N3583W07I04 (47) (2)	567 Secs (1701 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
	2		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				539 Secs (539 Secs) [=>]		[1]
Orbit Structure	Orbit 1 Server Version: 20180409 05001000150020002500300035004000450050005500sec										

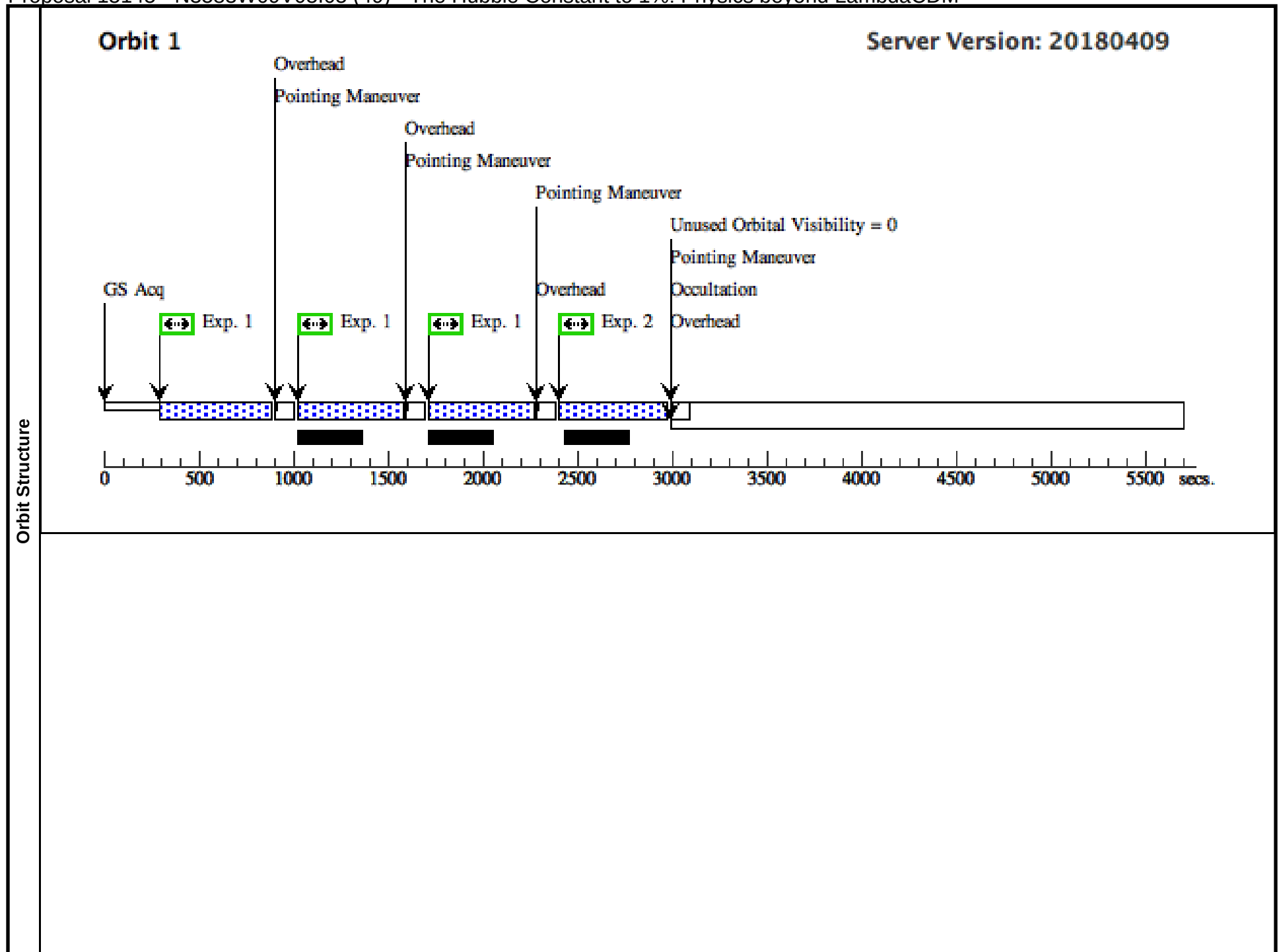
Proposal 15145 - N3583W08V04 (48) - The Hubble Constant to 1%: Physics beyond LambdaCDM

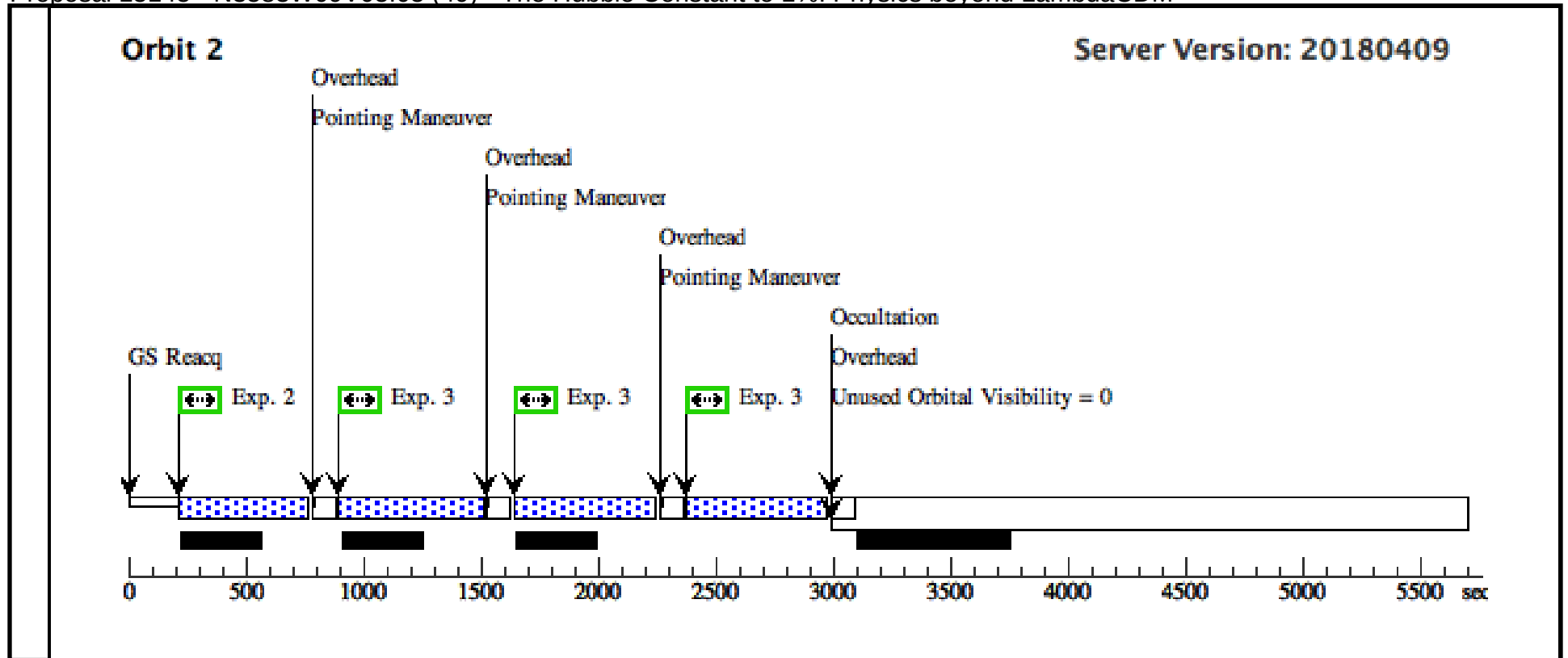
Visit	Proposal 15145, N3583W08V04 (48), completed										Wed Oct 31 15:03:57 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 47; AFTER 41 BY 59.43 D TO 60.43 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(5)	N3583		RA: 11 14 10.9790 (168.5457458d) Dec: +48 19 6.16 (48.31838d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n N3583W08V04 (4 8) (2)	567 Secs (1701 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W				539 Secs (539 Secs)			
										[==>]		[1]	



Proposal 15145 - N3583W09V05I05 (49) - The Hubble Constant to 1%: Physics beyond LambdaCDM

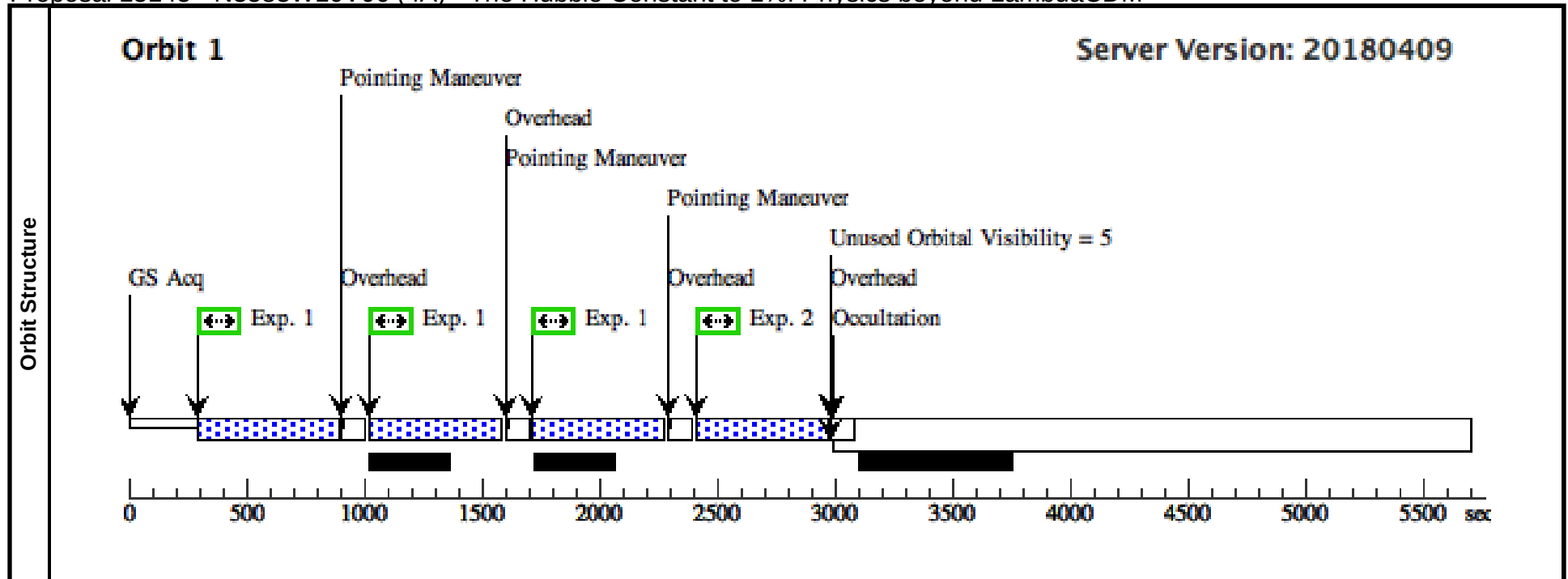
Visit	Proposal 15145, N3583W09V05105 (49), completed										Wed Oct 31 15:03:57 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 47; AFTER 41 BY 68.73 D TO 69.73 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1), (3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	N3583	RA: 11 14 10.9790 (168.5457458d) Dec: +48 19 6.16 (48.31838d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]				V=26		Reference Frame: SIMBAD		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in N3583W09V05105 (49) (2)	564 Secs (1692 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 in N3583W09V05105 (49) (1)	550 Secs (1100 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1] [2]	
	3		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 2, Exps 3-3 in N3583W09V05105 (49) (2)	604 Secs (1812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]	





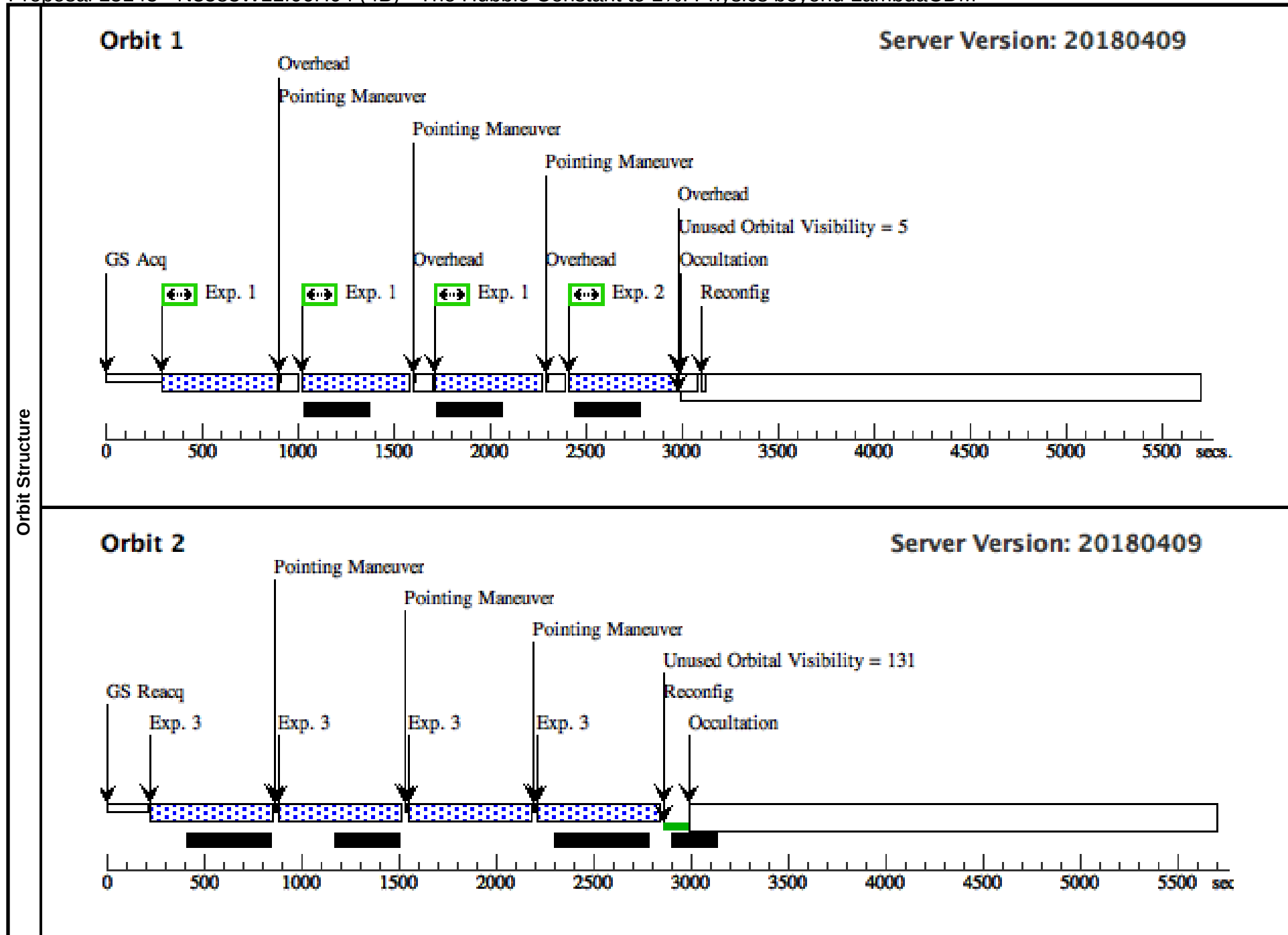
Proposal 15145 - N3583W10V06 (4A) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N3583W10V06 (4A), completed										Wed Oct 31 15:03:57 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 47; AFTER 41 BY 78.65 D TO 79.65 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	N3583	RA: 11 14 10.9790 (168.5457458d) Dec: +48 19 6.16 (48.31838d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n N3583W10V06 (4 A) (2)	566 Secs (1698 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W				539 Secs (539 Secs)		
									[==>]		[1]



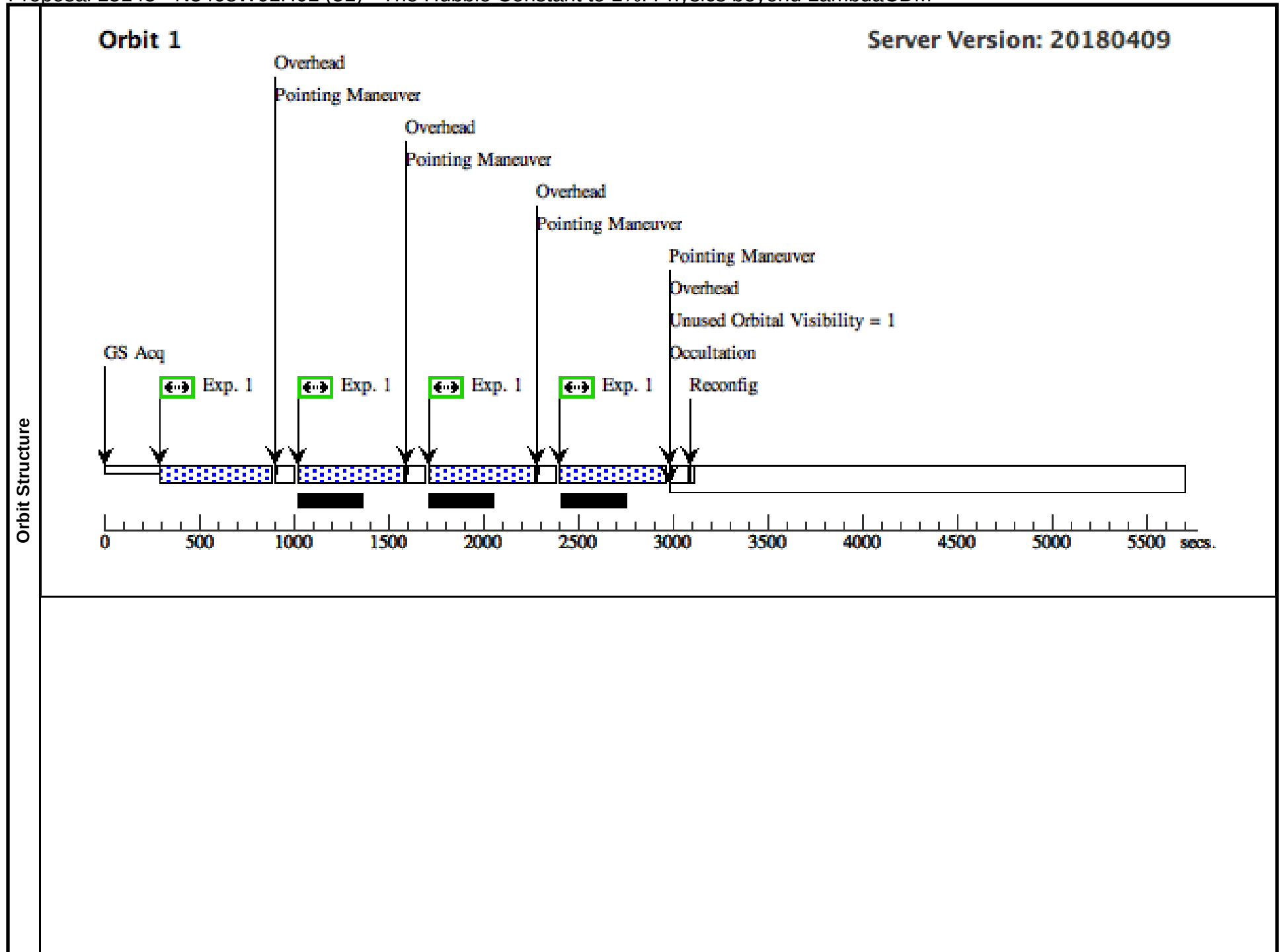
Proposal 15145 - N3583W11I06H04 (4B) - The Hubble Constant to 1%: Physics beyond LambdaCDM

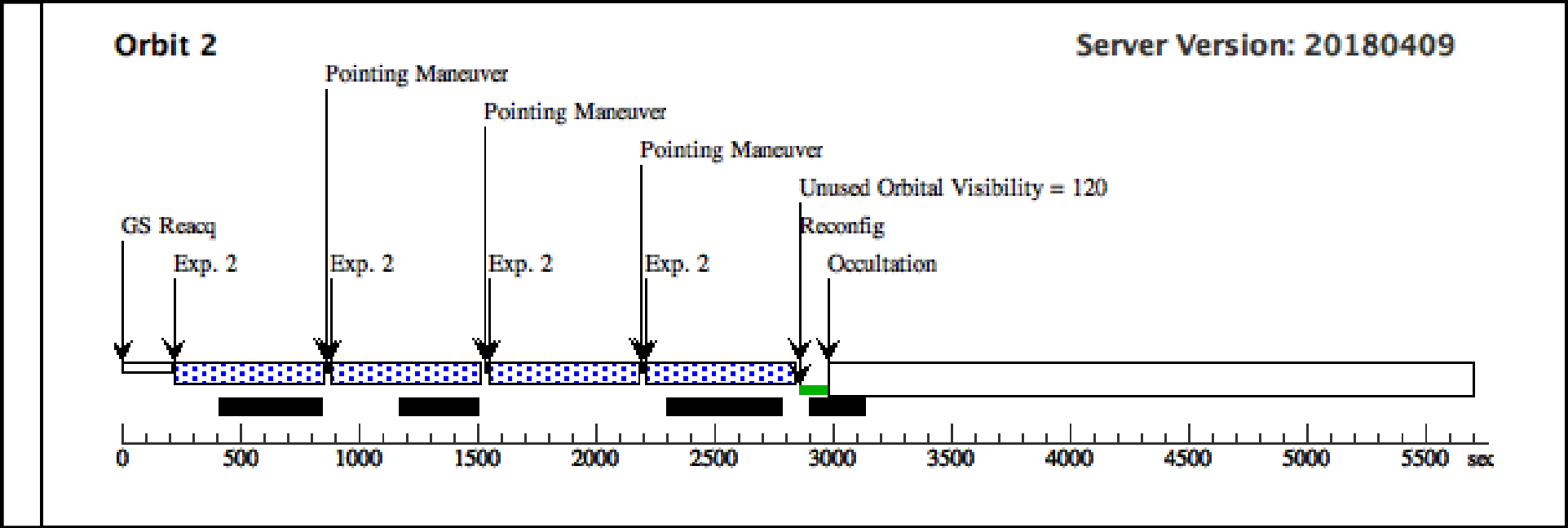
Visit	Proposal 15145, N3583W11I06H04 (4B), completed										Wed Oct 31 15:03:57 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 47; AFTER 41 BY 89 D TO 91 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=					Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365					Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false					(3)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(5)	N3583	RA: 11 14 10.9790 (168.5457458d) Dec: +48 19 6.16 (48.31838d) Equinox: J2000						V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARIO BASE1B3	Pattern 2, Exps 1-1 in N3583W11I06H04 (4B) (2)	567 Secs (1701 Secs)			
										[==>(Pattern 1)]			
										[==>(Pattern 2)]			
										[==>(Pattern 3)]		[1]	
	2		(5) N3583	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W				539 Secs (539 Secs)			
										[==>]		[1]	
3		(5) N3583	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 in N3583W11I06H04 (4B) (5)	602.937703 Secs (2411.751 Secs)				
									[==>(Pattern 1)]				
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
									[==>(Pattern 4)]		[2]		



Proposal 15145 - N5468W01H01 (51) - The Hubble Constant to 1%: Physics beyond LambdaCDM

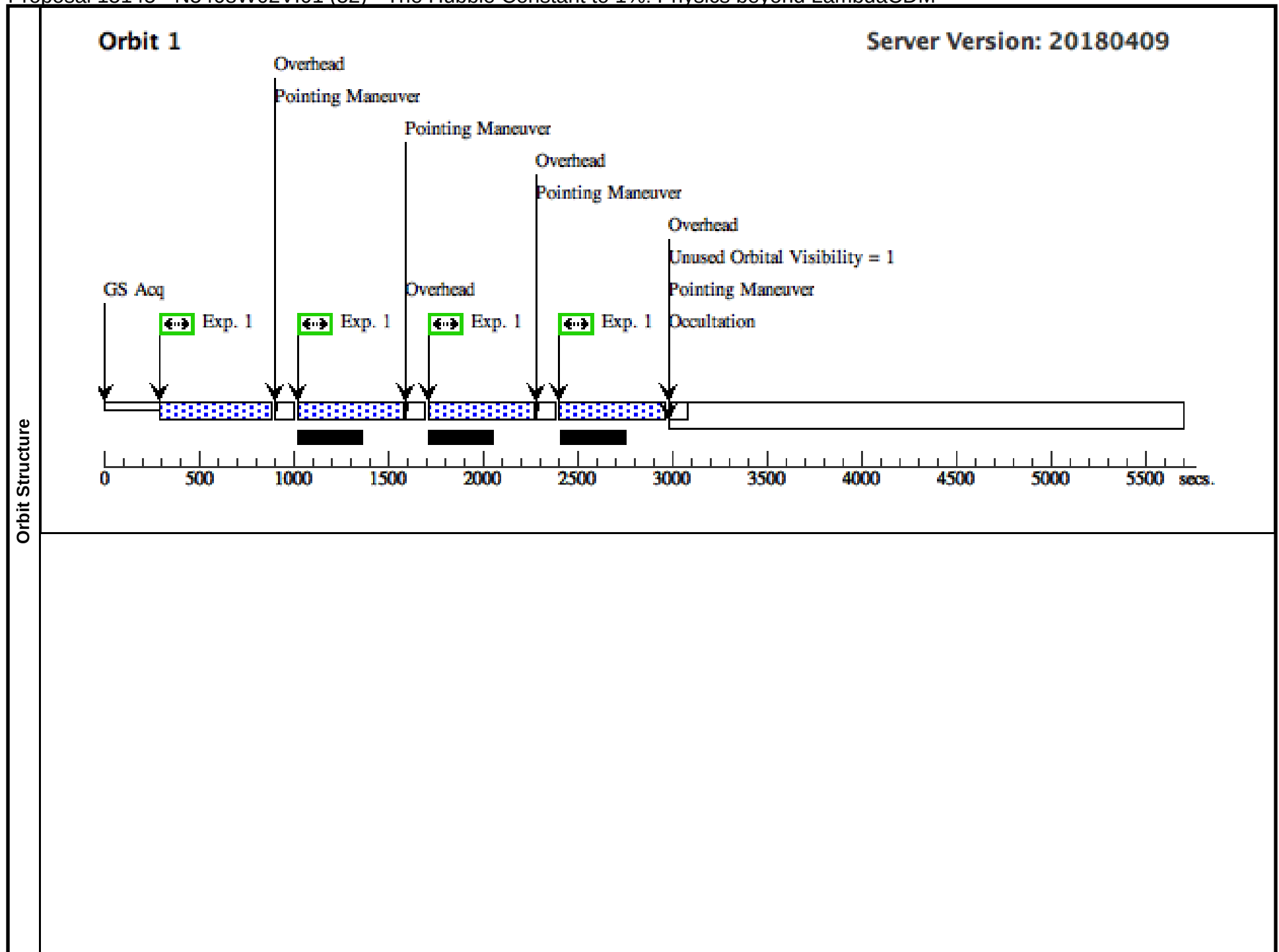
Visit	Proposal 15145, N5468W01H01 (51), completed					Wed Oct 31 15:03:57 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	N5468	RA: 14 06 34.8780 (211.6453250d) Dec: -05 27 11.38 (-5.45316d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N5468W01H01 (51) (3)	564 Secs (2256 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(6) N5468	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 2-2 in N5468W01H01 (51) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

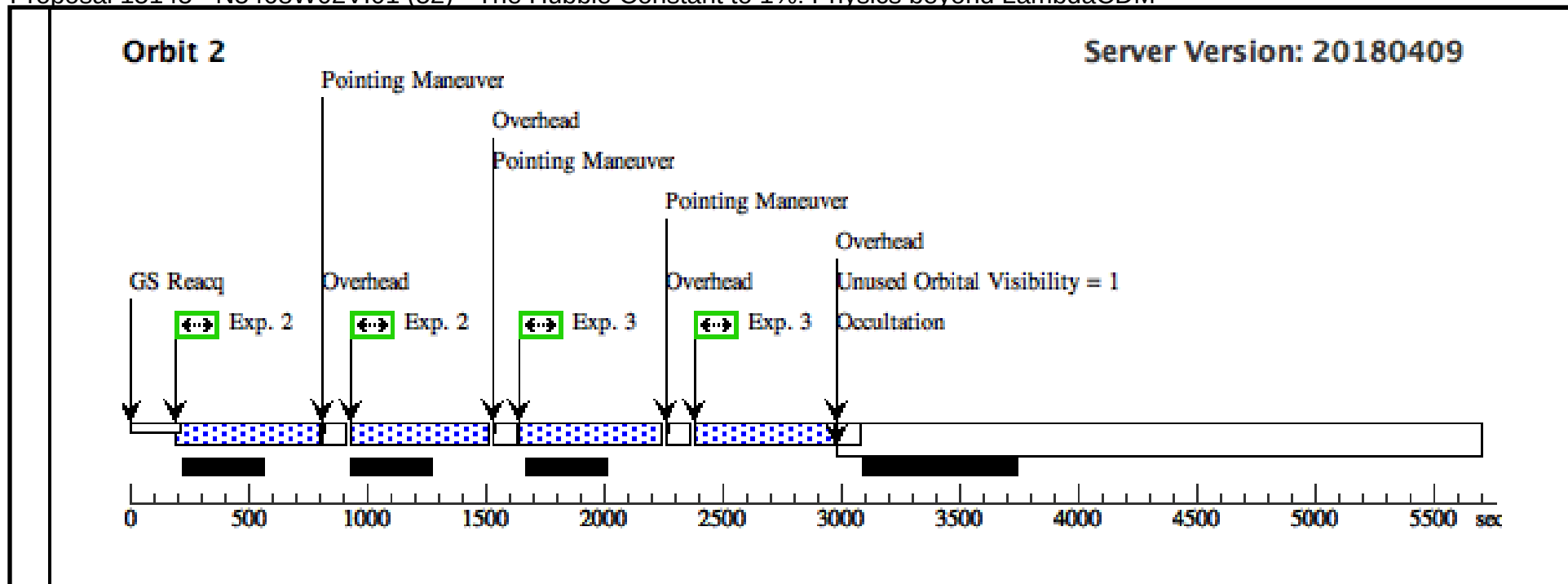




Proposal 15145 - N5468W02VI01 (52) - The Hubble Constant to 1%: Physics beyond LambdaCDM

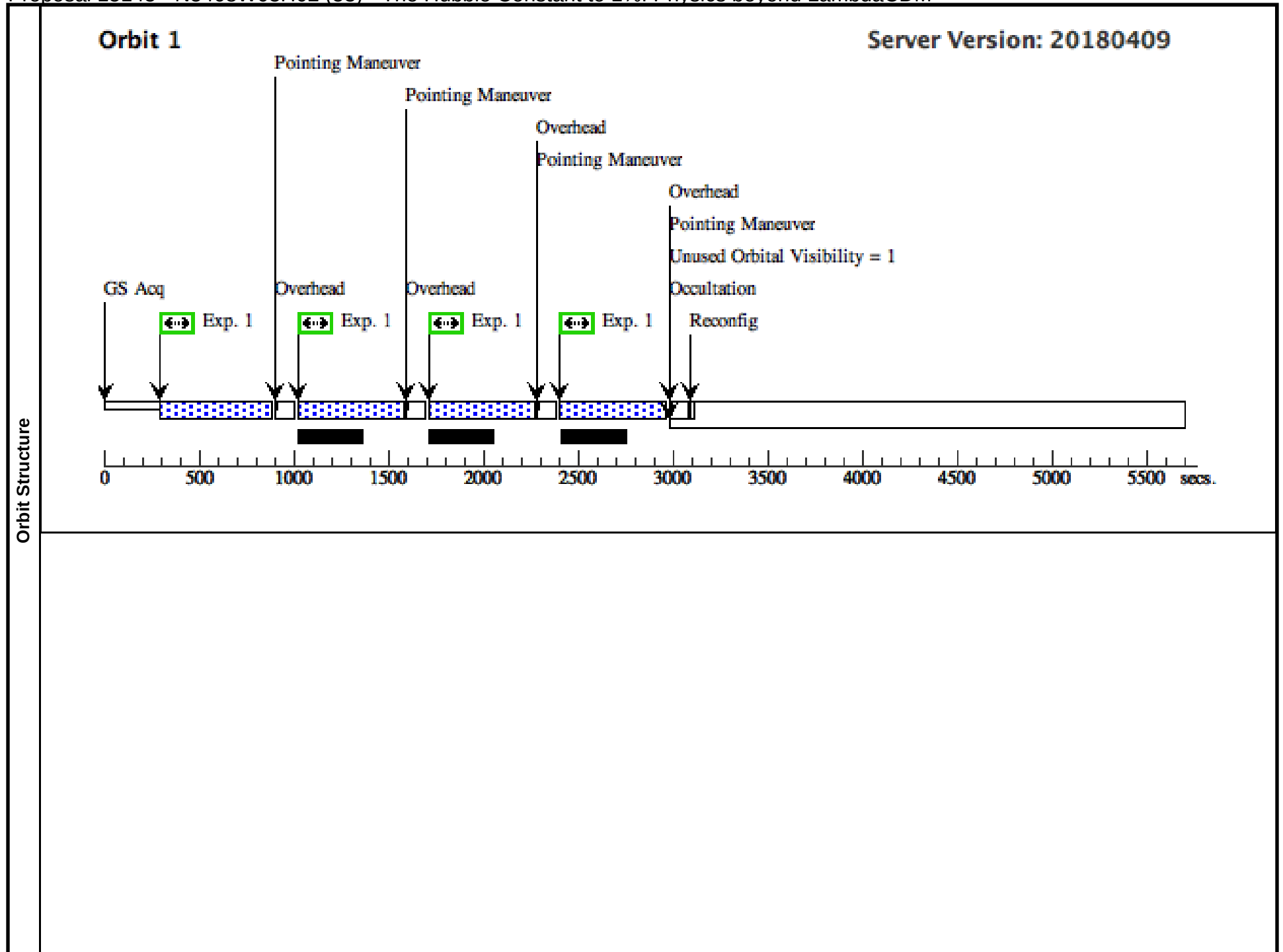
Visit	Proposal 15145, N5468W02VI01 (52), completed										Wed Oct 31 15:03:57 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 6.90 D TO 7.90 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2), (3)	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	N5468	RA: 14 06 34.8780 (211.6453250d) Dec: -05 27 11.38 (-5.45316d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]				V=26		Reference Frame: SIMBAD		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N5468W02VI01 (52) (3)	564 Secs (2256 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]	
	2		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 in N5468W02VI01 (52) (1)	587 Secs (1174 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]	
	3		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 3-3 in N5468W02VI01 (52) (1)	588 Secs (1176 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]	

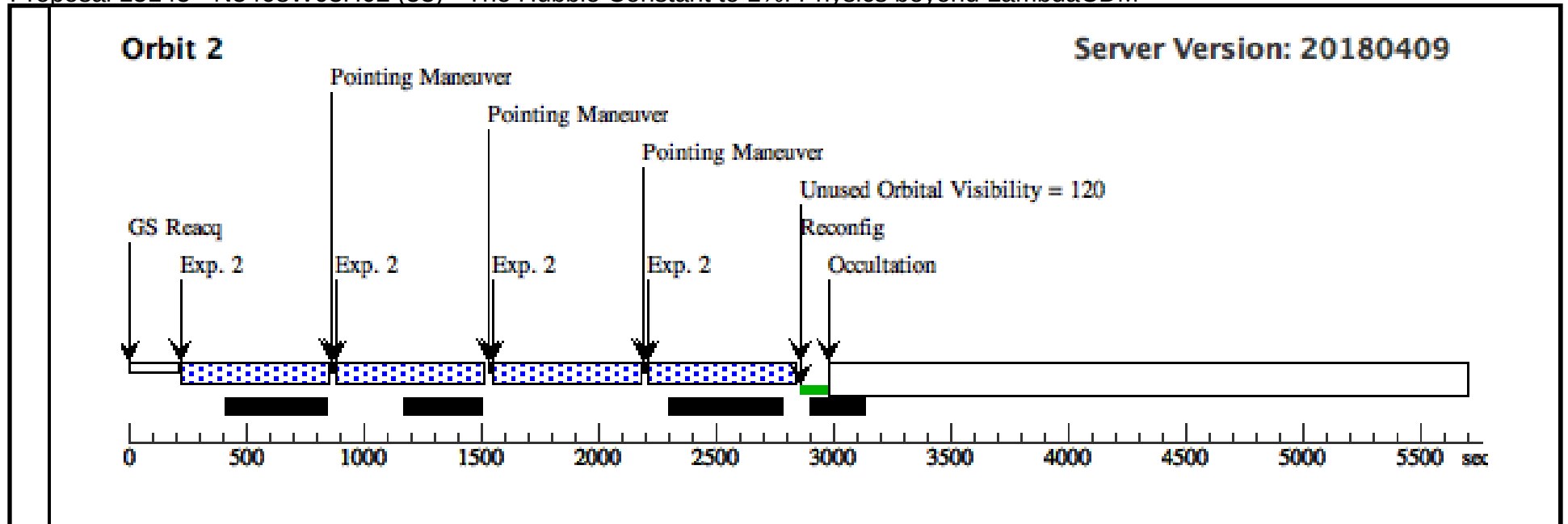




Proposal 15145 - N5468W03H02 (53) - The Hubble Constant to 1%: Physics beyond LambdaCDM

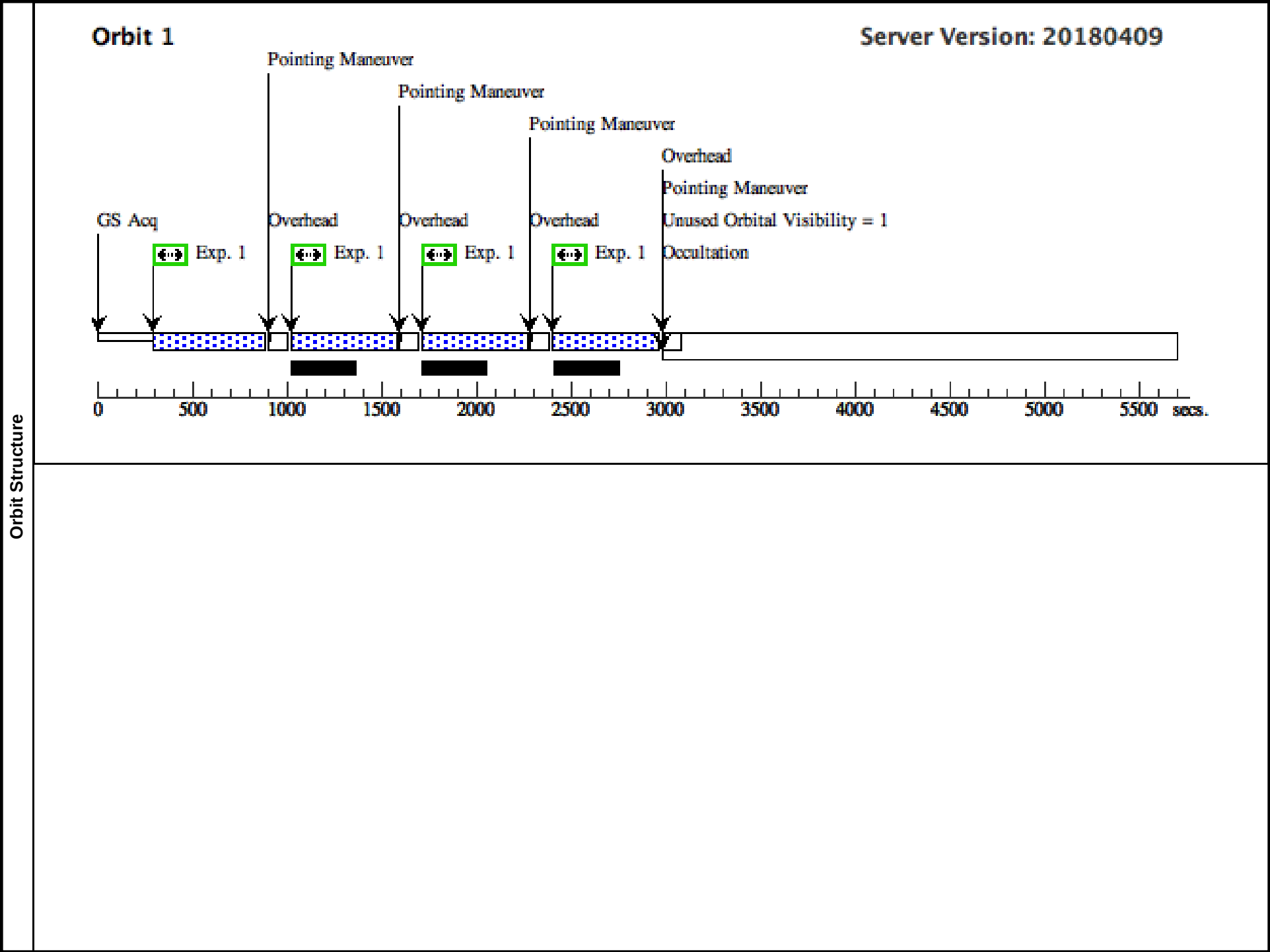
Visit	Proposal 15145, N5468W03H02 (53), completed					Wed Oct 31 15:03:57 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 18.88 D TO 19.88 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	N5468	RA: 14 06 34.8780 (211.6453250d) Dec: -05 27 11.38 (-5.45316d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N5468W03H02 (53) (3)	564 Secs (2256 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(6) N5468	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 2-2 in N5468W03H02 (53) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]



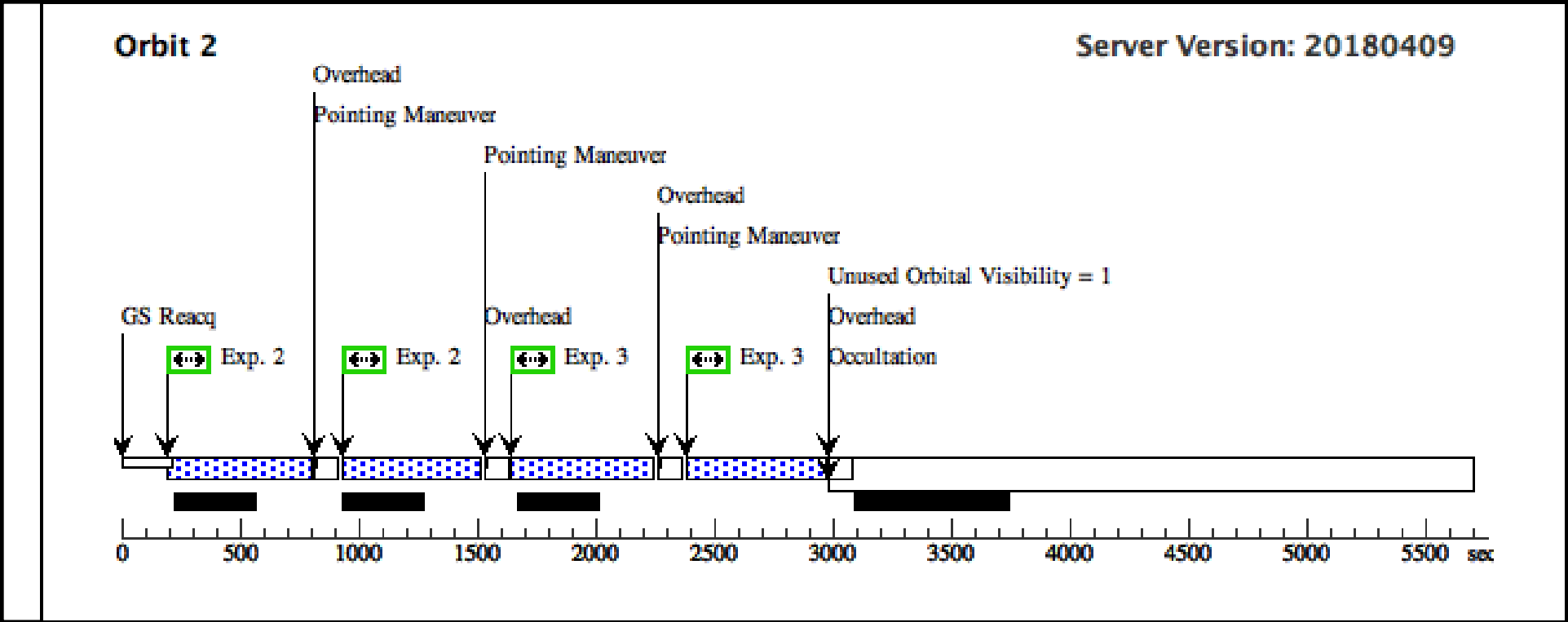


Proposal 15145 - N5468W04VI02 (54) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5468W04VI02 (54), completed										Wed Oct 31 15:03:57 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 27.18 D TO 28.18 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(2), (3)	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112 Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(6)	N5468		RA: 14 06 34.8780 (211.6453250d) Dec: -05 27 11.38 (-5.45316d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 3, Exps 1-1 in N5468W04VI02 (54) (3)	564 Secs (2256 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]		
	2		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N5468W04VI02 (54) (1)	587 Secs (1174 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[2]		
	3		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W			Pattern 1, Exps 3-3 in N5468W04VI02 (54) (1)	588 Secs (1176 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[2]		

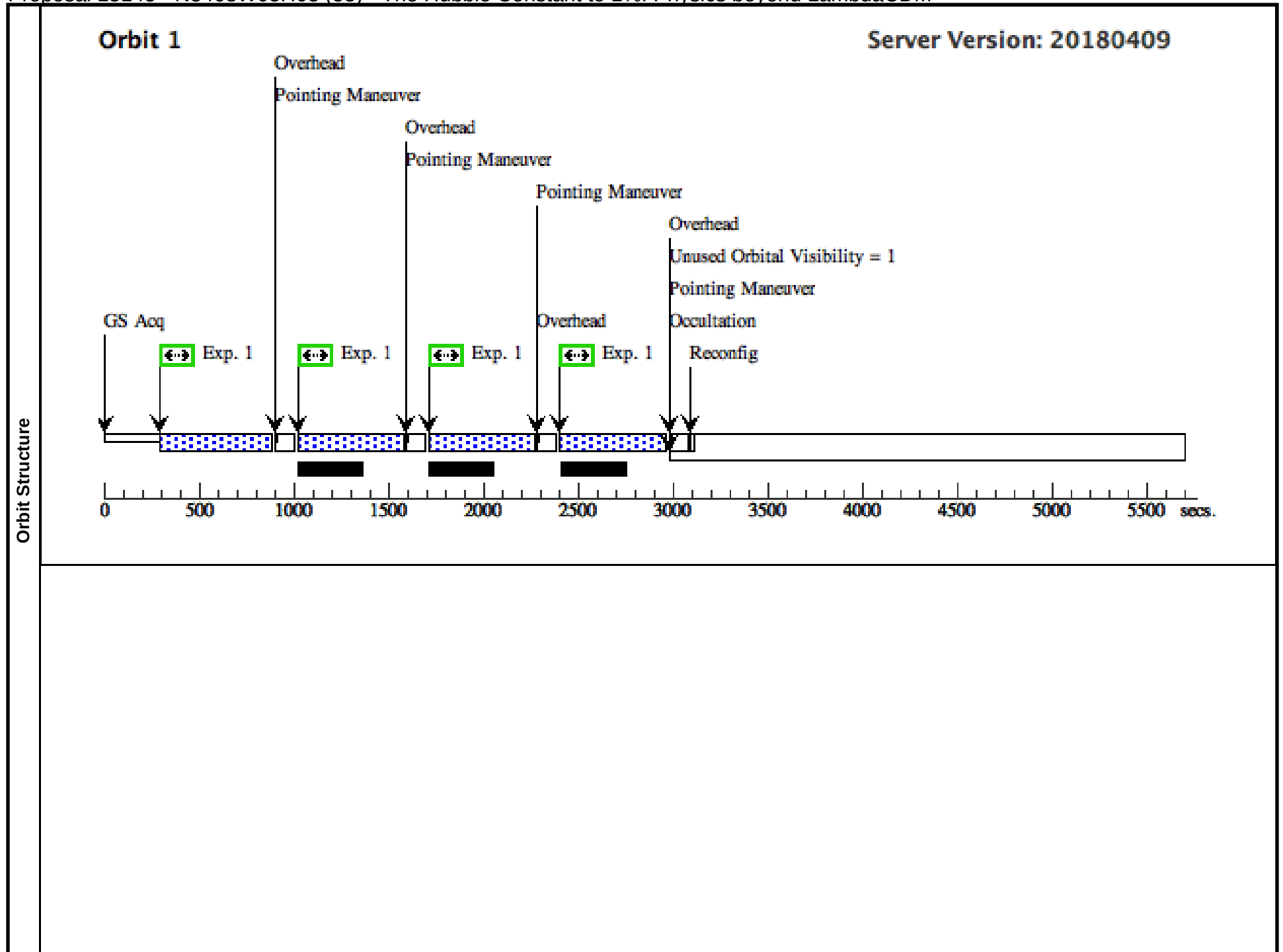


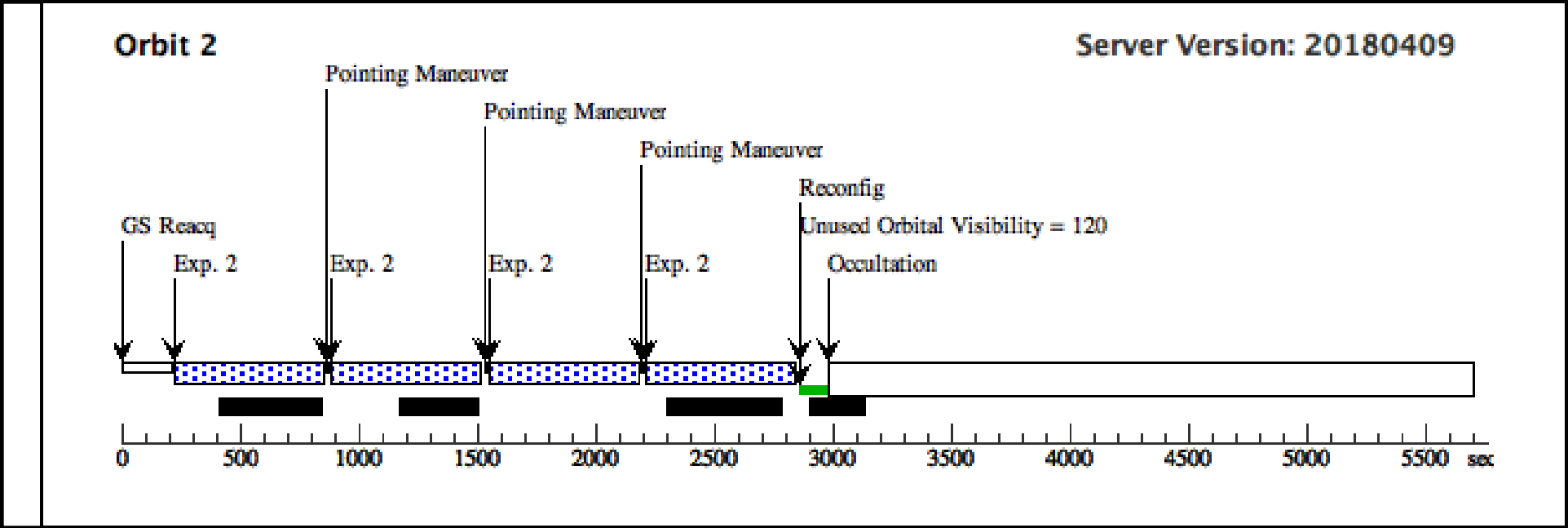
160



Proposal 15145 - N5468W05H03 (55) - The Hubble Constant to 1%: Physics beyond LambdaCDM

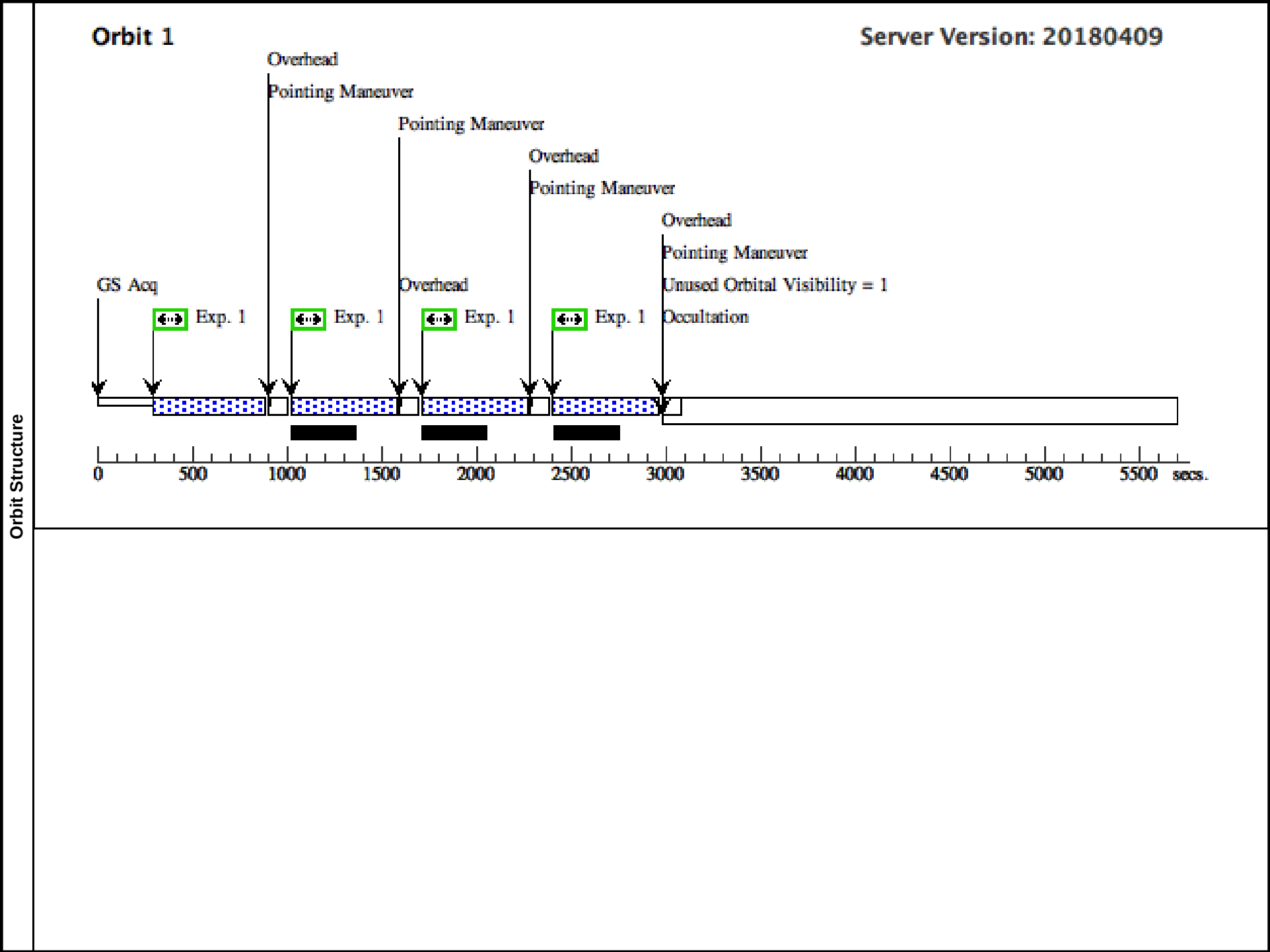
Visit	Proposal 15145, N5468W05H03 (55), completed					Wed Oct 31 15:03:57 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 36.63 D TO 37.63 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	N5468	RA: 14 06 34.8780 (211.6453250d) Dec: -05 27 11.38 (-5.45316d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N5468W05H03 (55) (3)	564 Secs (2256 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(6) N5468	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 2-2 in N5468W05H03 (55) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

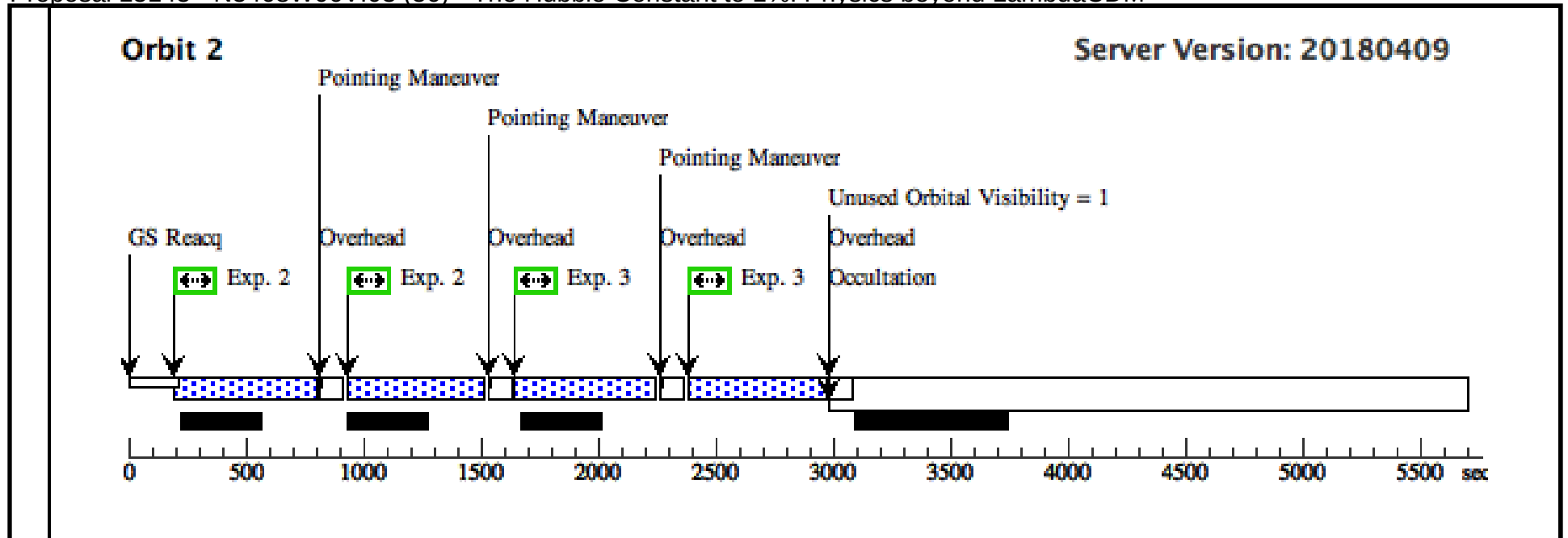




Proposal 15145 - N5468W06VI03 (56) - The Hubble Constant to 1%: Physics beyond LambdaCDM

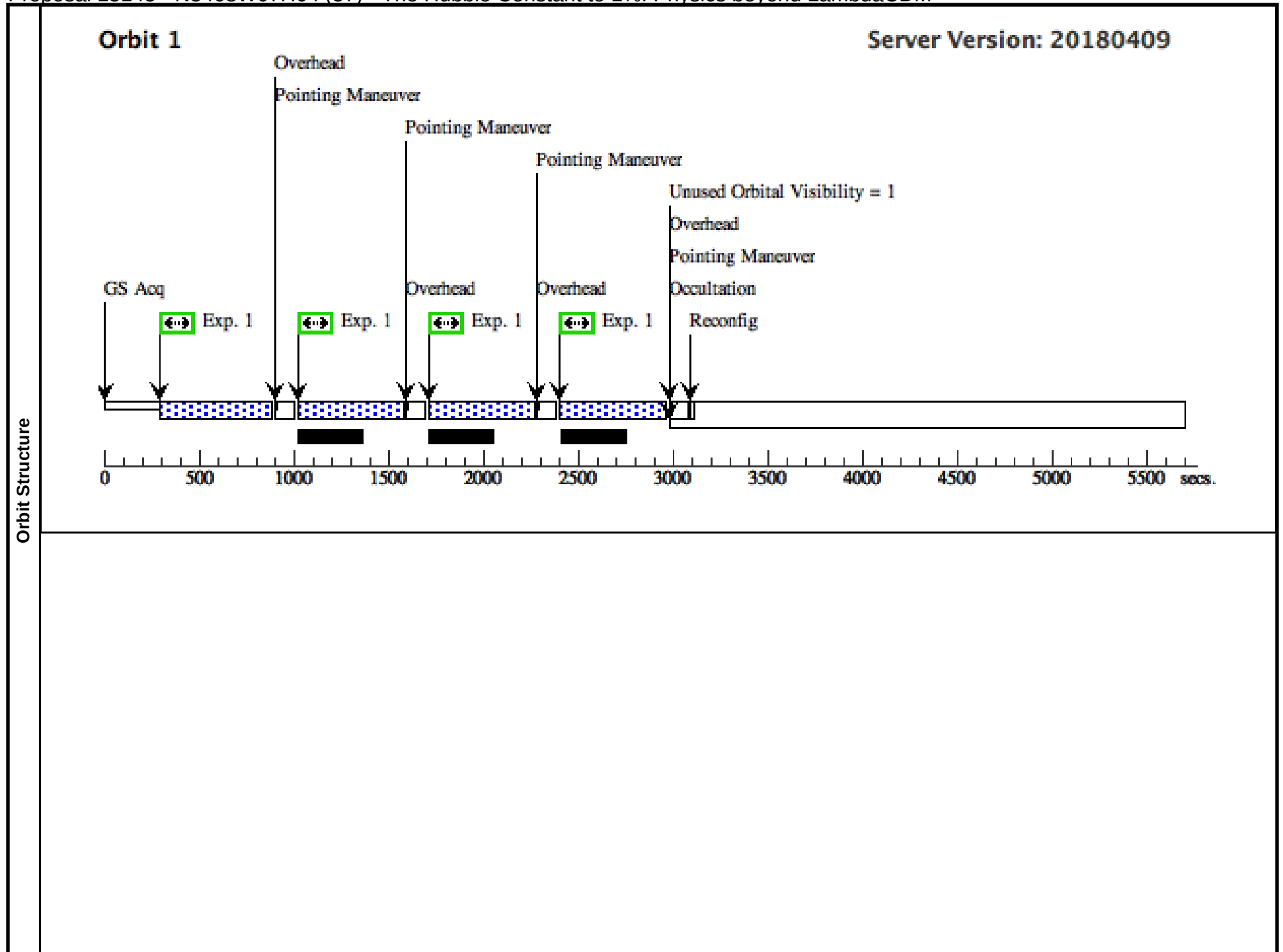
Visit	Proposal 15145, N5468W06VI03 (56), completed										Wed Oct 31 15:03:57 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 50.21 D TO 51.21 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2), (3)	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	N5468	RA: 14 06 34.8780 (211.6453250d) Dec: -05 27 11.38 (-5.45316d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N5468W06VI03 (56) (3)	564 Secs (2256 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 in N5468W06VI03 (56) (1)	587 Secs (1174 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[2]
	3		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 3-3 in N5468W06VI03 (56) (1)	588 Secs (1176 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[2]

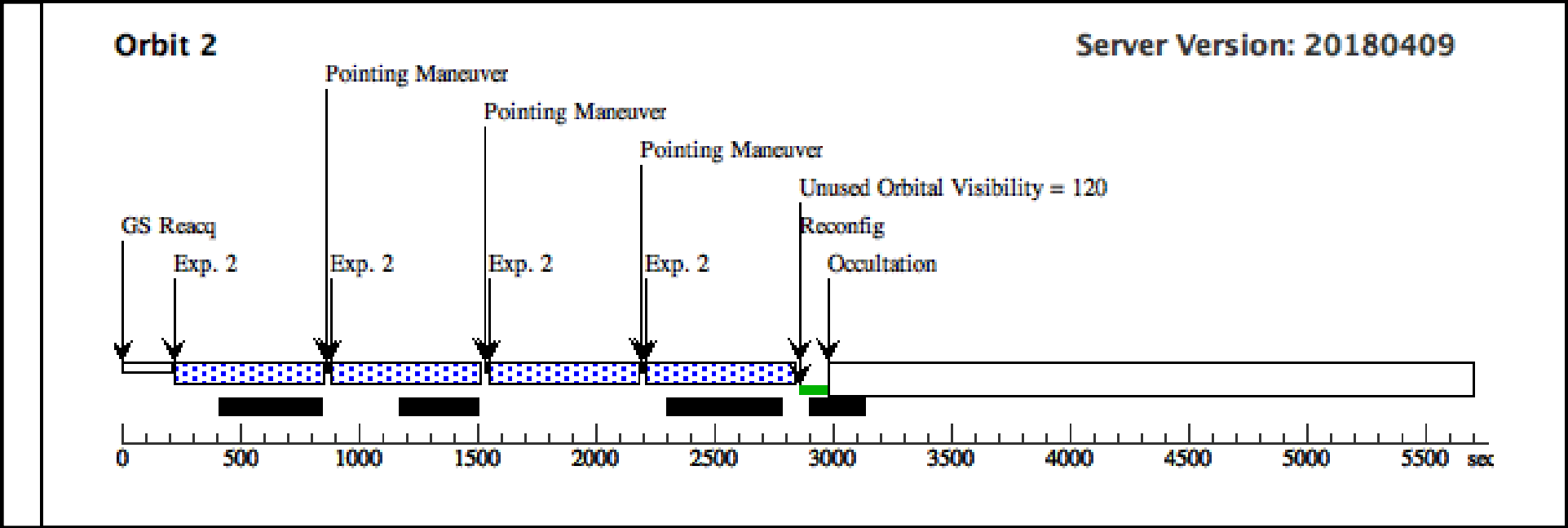




Proposal 15145 - N5468W07H04 (57) - The Hubble Constant to 1%: Physics beyond LambdaCDM

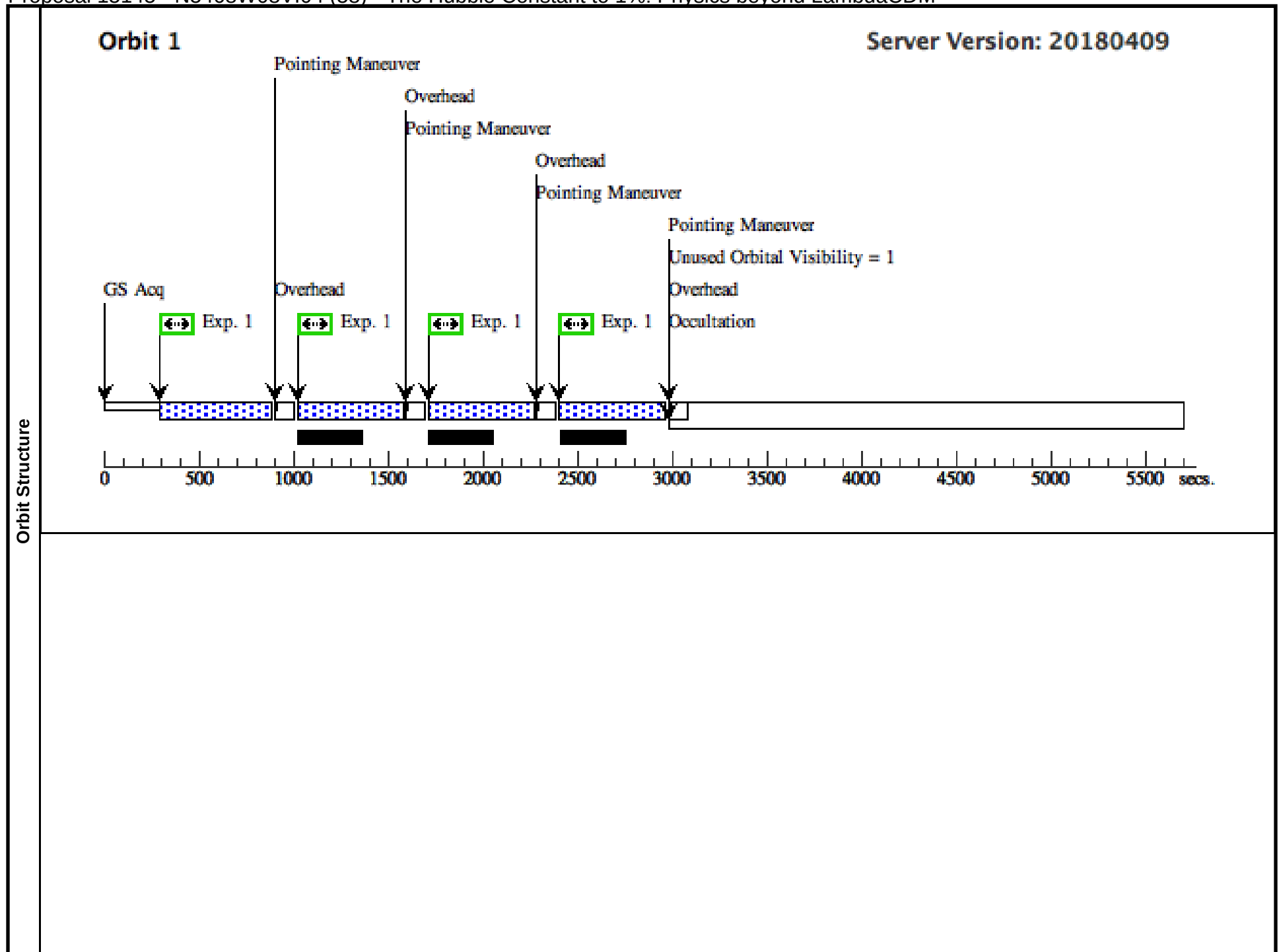
Visit	Proposal 15145, N5468W07H04 (57), completed				Wed Oct 31 15:03:57 GMT 2018					
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; AFTER 51 BY 60.68 D TO 61.68 D									
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(6)	N5468	RA: 14 06 34.8780 (211.6453250d) Dec: -05 27 11.38 (-5.45316d) Equinox: J2000		V=26	Reference Frame: SIMBAD				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N5468W07H04 (57) (3)	564 Secs (2256 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
	2		(6) N5468	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 2-2 in N5468W07H04 (57) (5)	602.937703 Secs (2411.751 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[2]

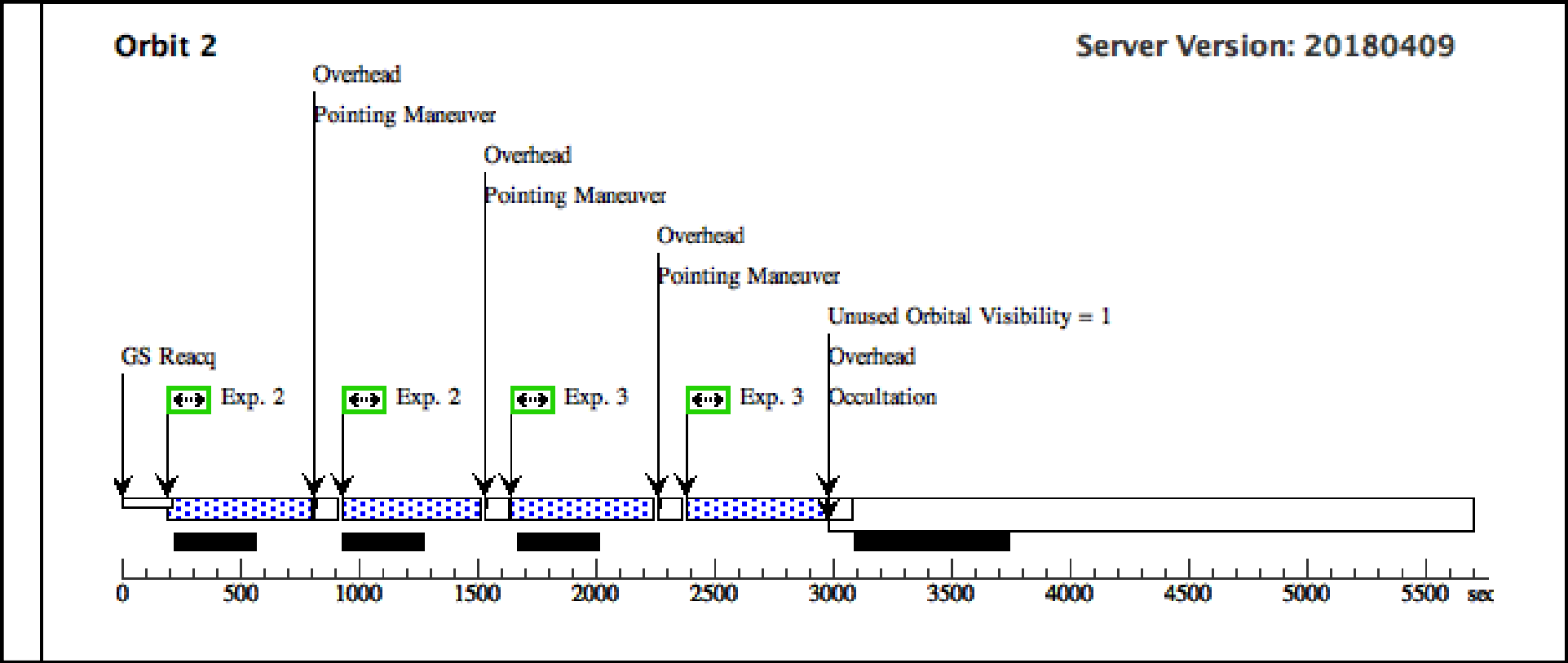




Proposal 15145 - N5468W08VI04 (58) - The Hubble Constant to 1%: Physics beyond LambdaCDM

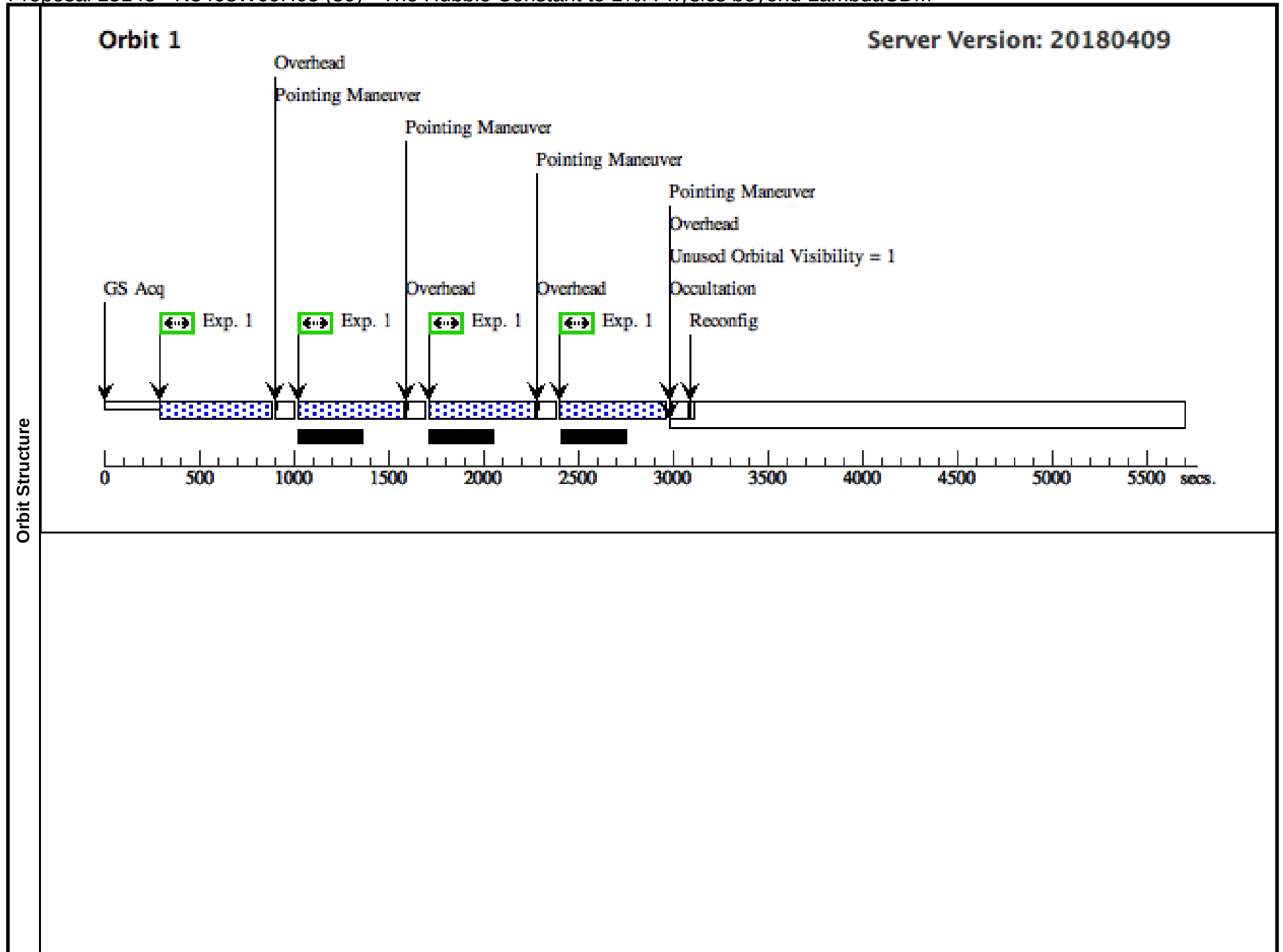
Visit	Proposal 15145, N5468W08VI04 (58), completed										Wed Oct 31 15:03:57 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 72.16 D TO 73.16 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2), (3)	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	N5468	RA: 14 06 34.8780 (211.6453250d) Dec: -05 27 11.38 (-5.45316d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N5468W08VI04 (58) (3)	564 Secs (2256 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 in N5468W08VI04 (58) (1)	587 Secs (1174 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[2]
	3		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 3-3 in N5468W08VI04 (58) (1)	588 Secs (1176 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[2]

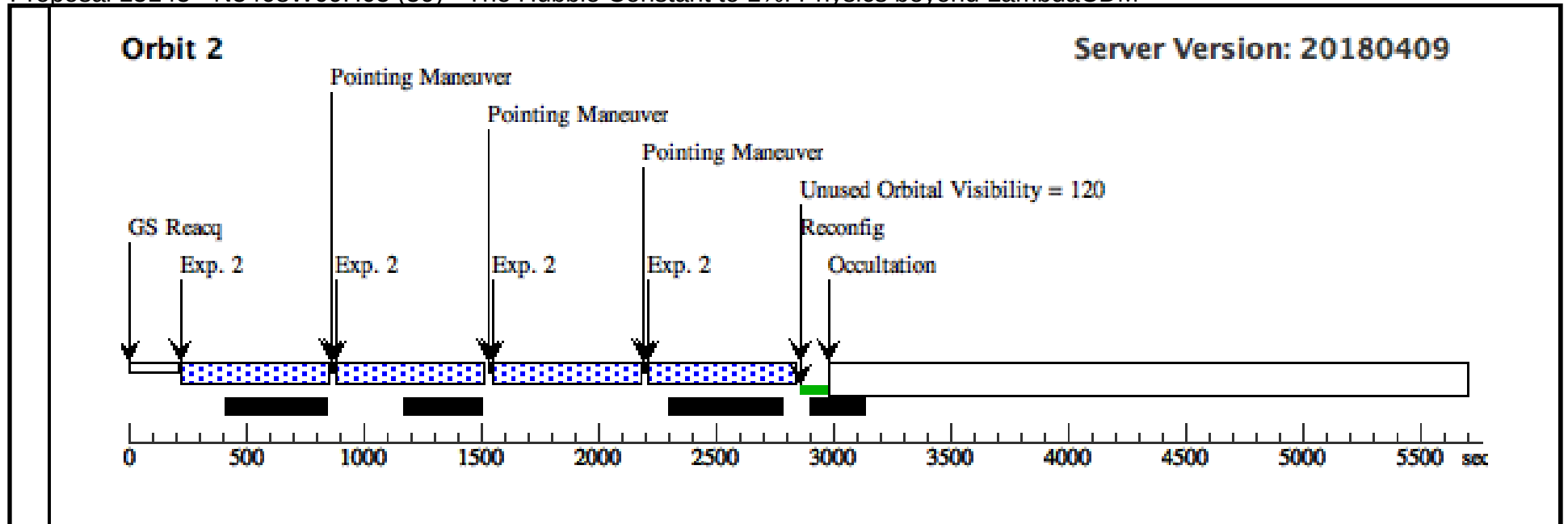




Proposal 15145 - N5468W09H05 (59) - The Hubble Constant to 1%: Physics beyond LambdaCDM

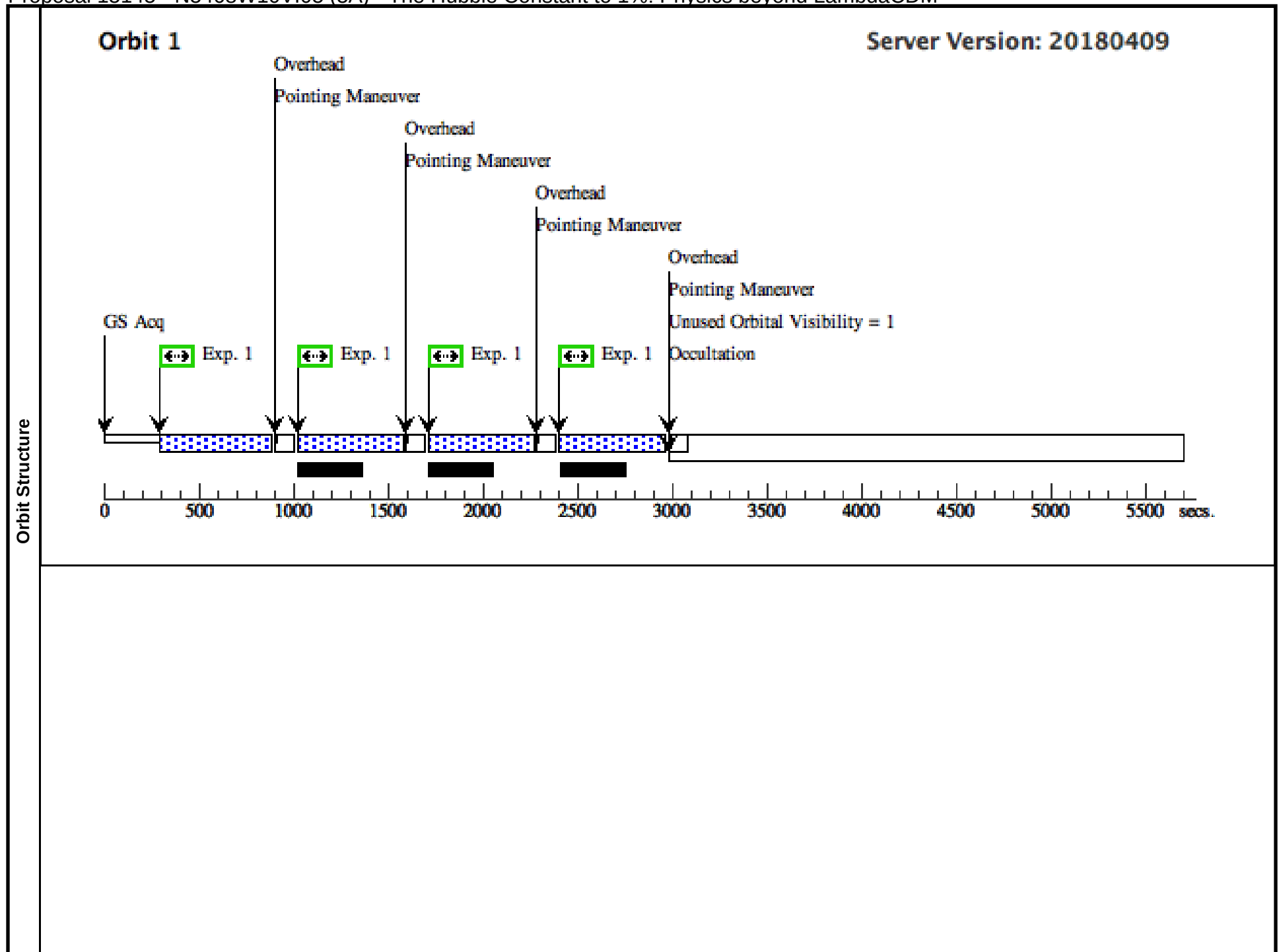
Visit	Proposal 15145, N5468W09H05 (59), completed					Wed Oct 31 15:03:57 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 85.04 D TO 86.04 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	N5468	RA: 14 06 34.8780 (211.6453250d) Dec: -05 27 11.38 (-5.45316d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N5468W09H05 (59) (3)	564 Secs (2256 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(6) N5468	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 2-2 in N5468W09H05 (59) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]

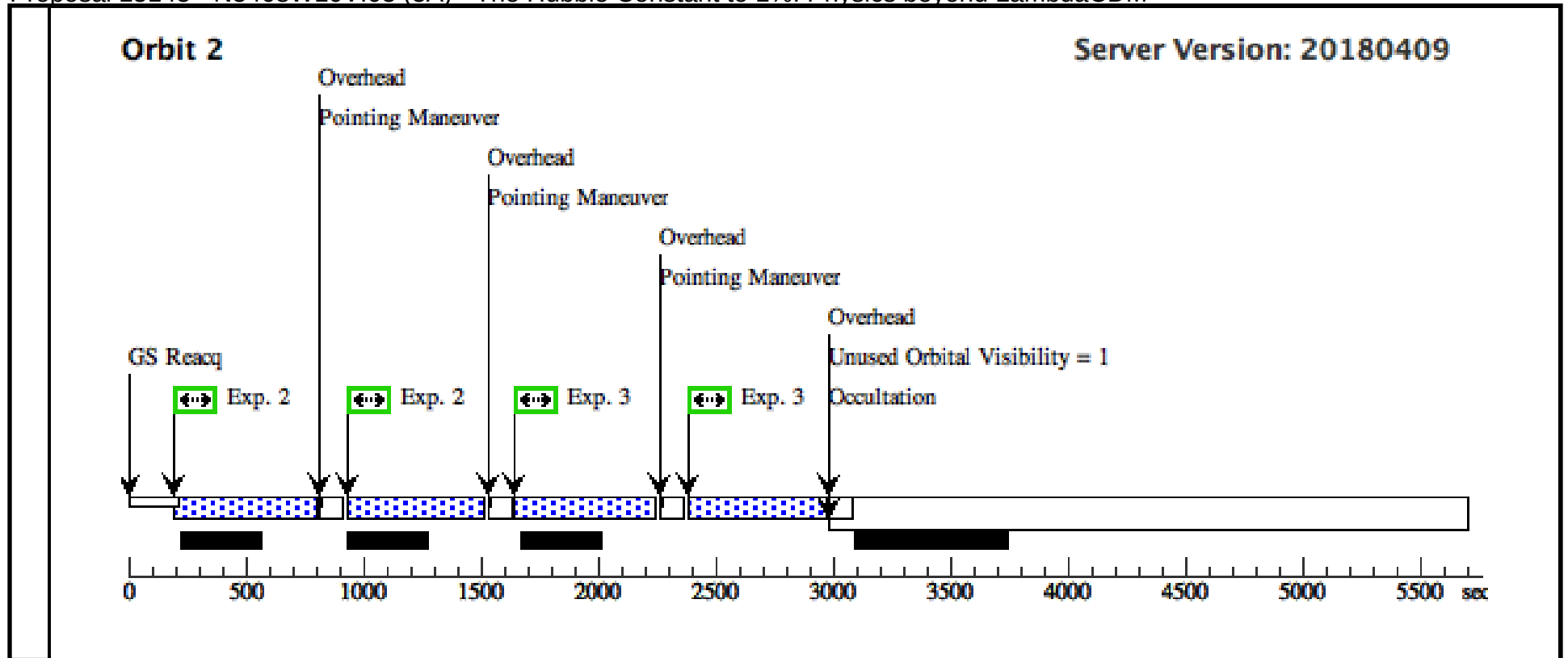




Proposal 15145 - N5468W10VI05 (5A) - The Hubble Constant to 1%: Physics beyond LambdaCDM

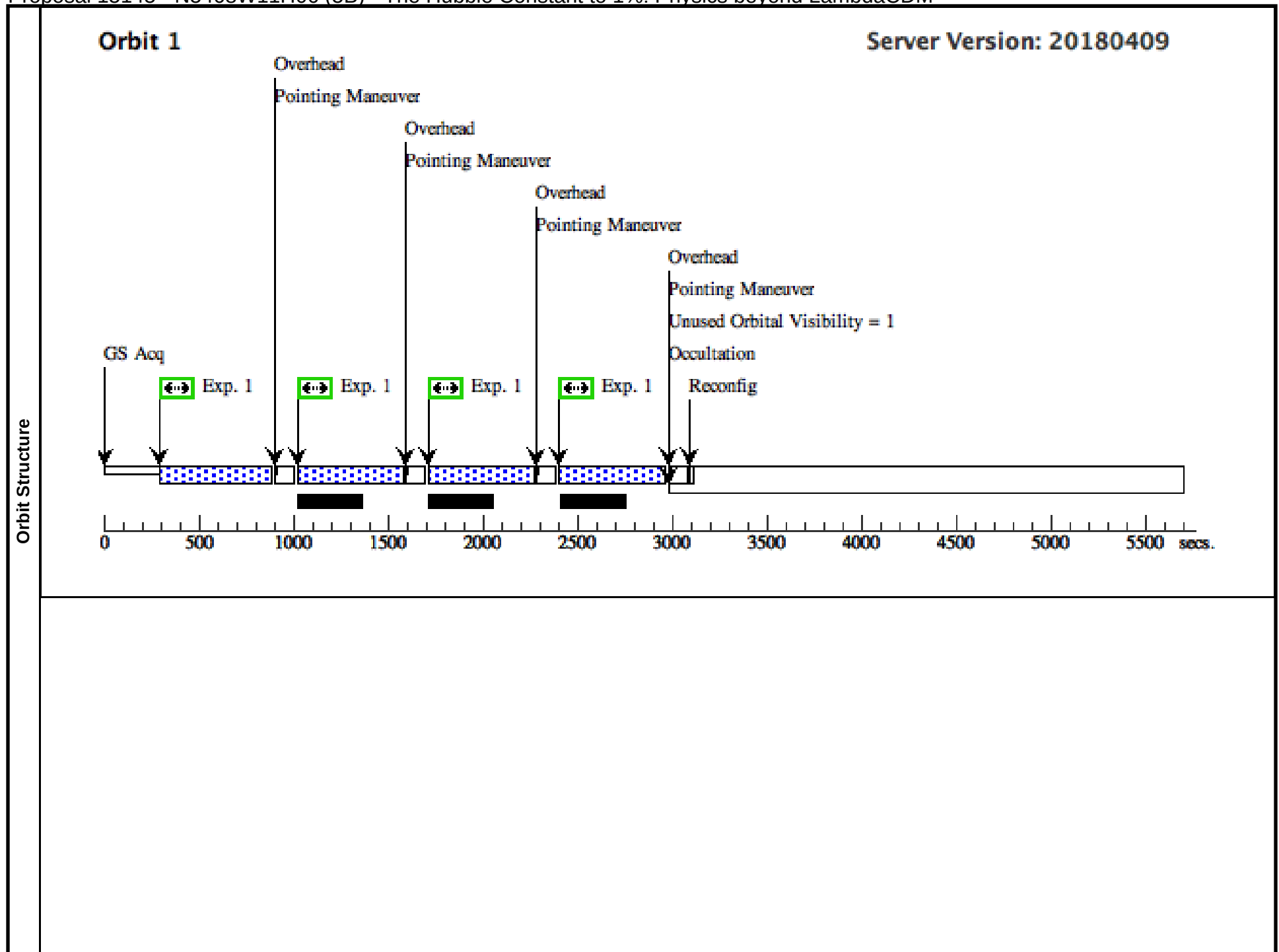
Visit	Proposal 15145, N5468W10VI05 (5A), completed										Wed Oct 31 15:03:57 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 92.83 D TO 93.83 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2), (3)	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	N5468	RA: 14 06 34.8780 (211.6453250d) Dec: -05 27 11.38 (-5.45316d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N5468W10VI05 (5A) (3)	564 Secs (2256 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
									[==>(Pattern 4)]		
2		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 in N5468W10VI05 (5A) (1)	587 Secs (1174 Secs)			
								[==>(Pattern 1)]		[2]	
								[==>(Pattern 2)]			
3		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 3-3 in N5468W10VI05 (5A) (1)	588 Secs (1176 Secs)			
								[==>(Pattern 1)]		[2]	
								[==>(Pattern 2)]			

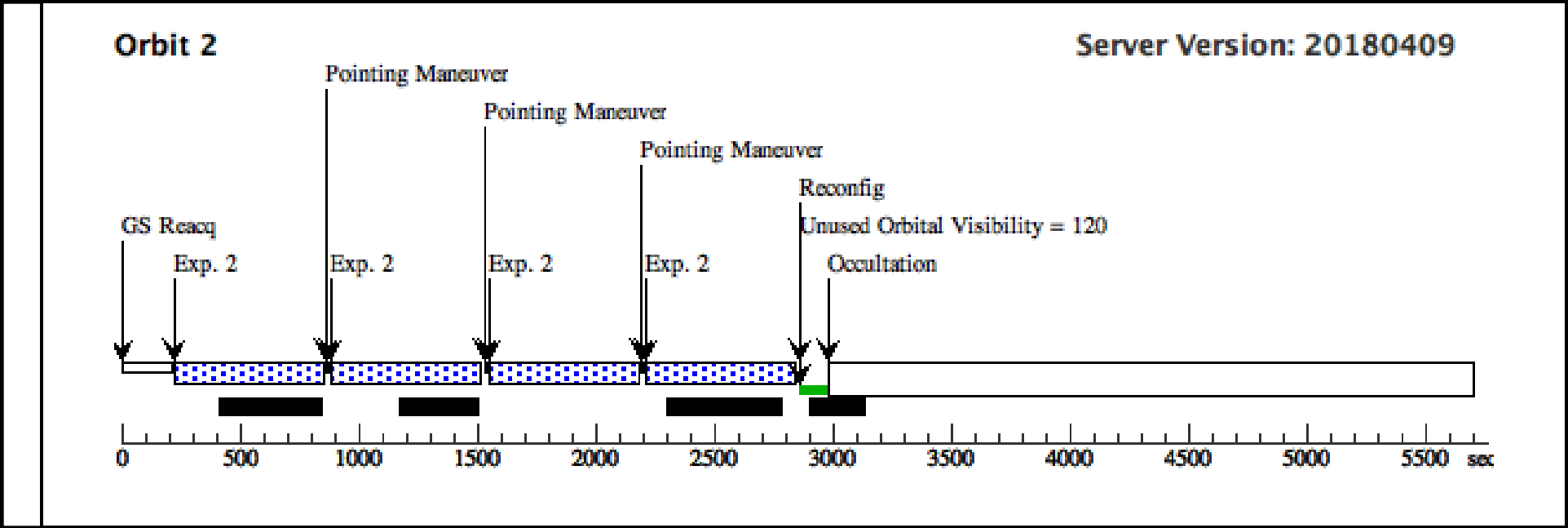




Proposal 15145 - N5468W11H06 (5B) - The Hubble Constant to 1%: Physics beyond LambdaCDM

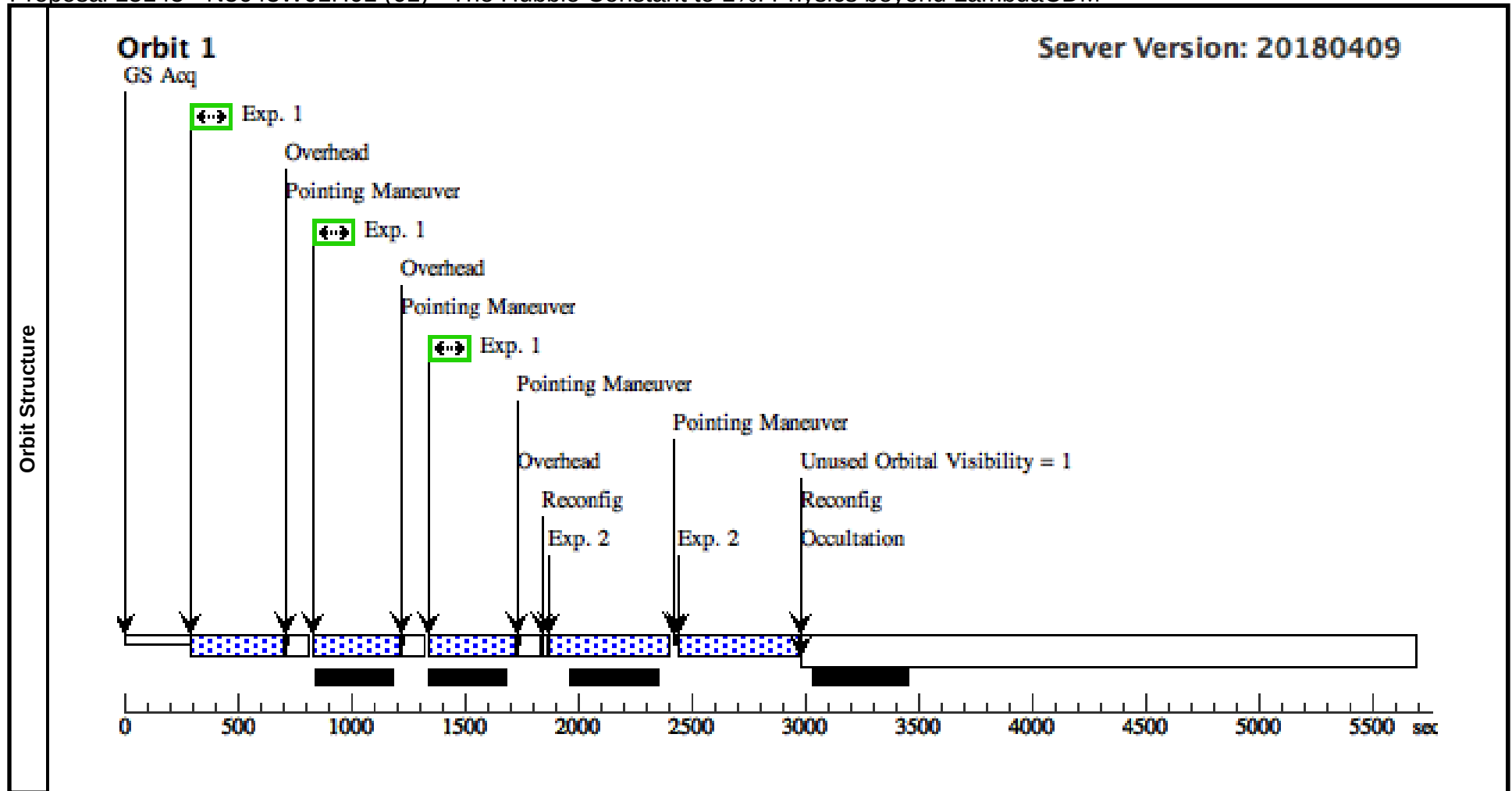
Visit	Proposal 15145, N5468W11H06 (5B), completed					Wed Oct 31 15:03:57 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 99.5 D TO 100.5 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(3)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112		Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false						(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365		Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	N5468	RA: 14 06 34.8780 (211.6453250d) Dec: -05 27 11.38 (-5.45316d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) N5468	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 3, Exps 1-1 in N5468W11H06 (5B) (3)	564 Secs (2256 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]
	2		(6) N5468	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 2-2 in N5468W11H06 (5B) (5)	602.937703 Secs (2411.751 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[2]





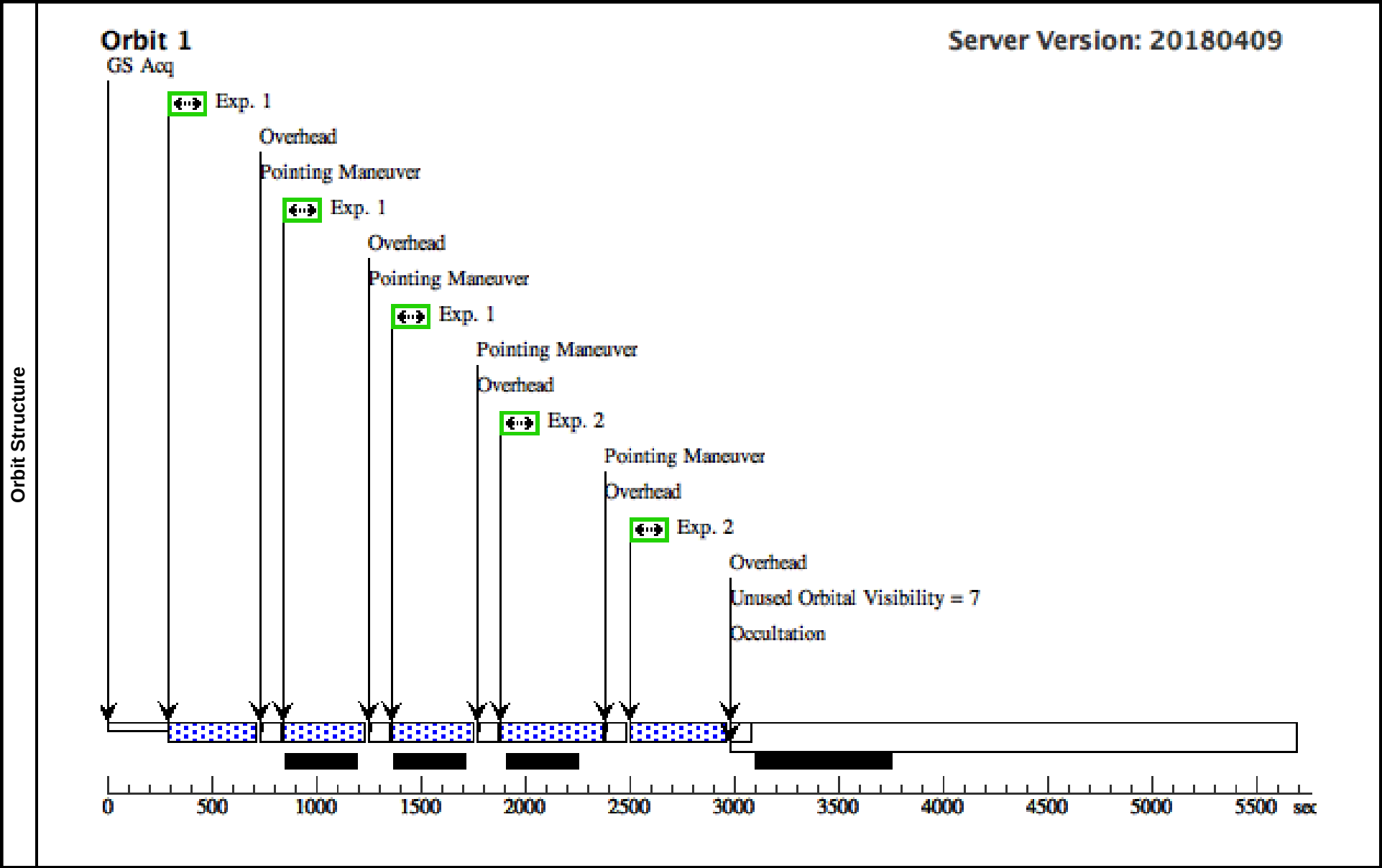
Proposal 15145 - N5643W01H01 (61) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W01H01 (61), completed						Wed Oct 31 15:03:57 GMT 2018			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%									
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)		
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false				(2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes	Miscellaneous		
	(7)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000				V=26	Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N5643W01H01 (61) (2)	378 Secs (1134 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(7) N5643	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5643W01H01 (61) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



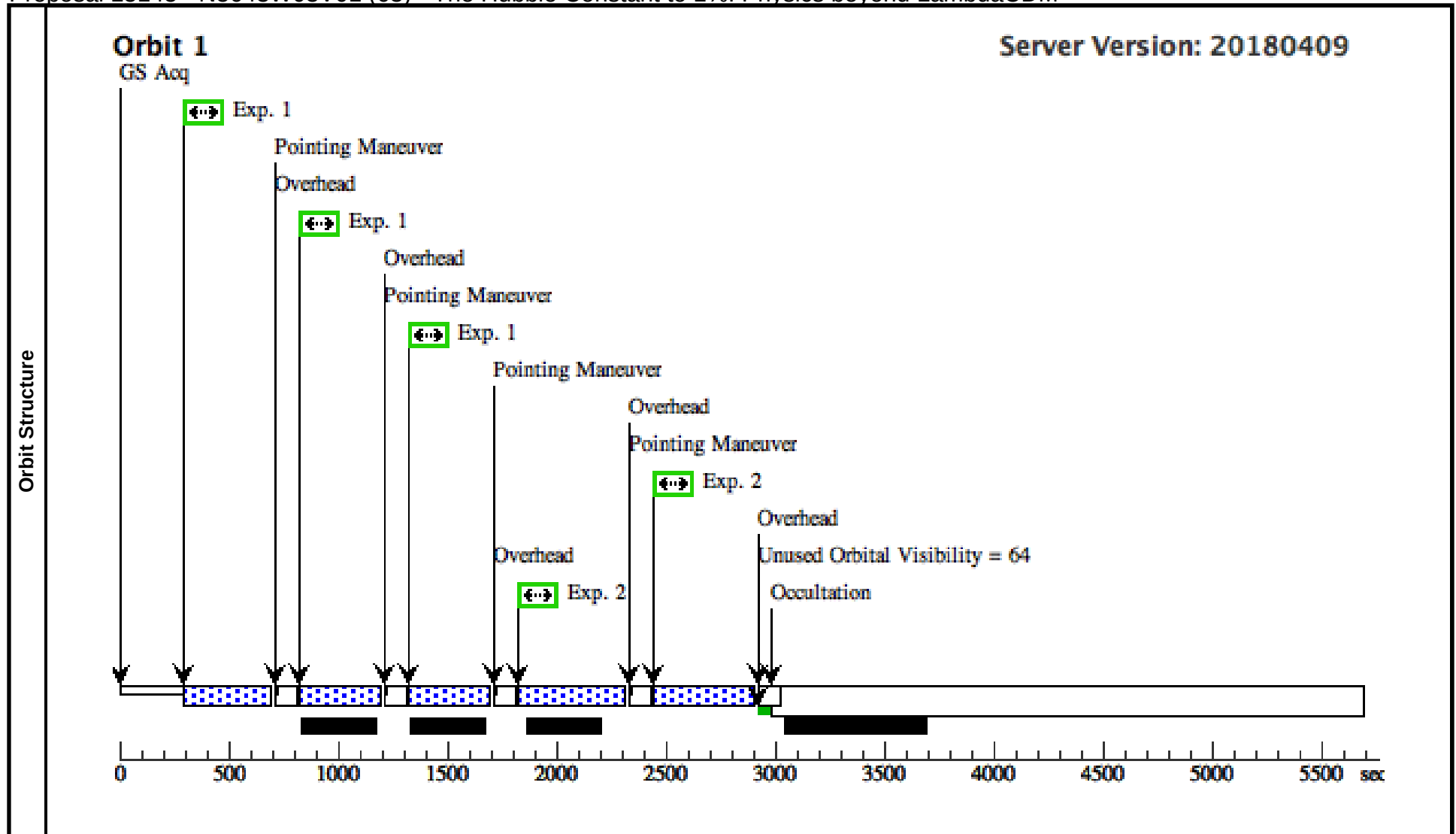
Proposal 15145 - N5643W02I01 (62) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W02I01 (62), completed										Wed Oct 31 15:03:57 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 61; AFTER 61 BY 2.44 D TO 3.44 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(7)	N5643		RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W02I01 (62) (2)	391 Secs (1173 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W	FLASH=1		Pattern 1, Exps 2-2 in N5643W02I01 (62) (1)	465 Secs (930 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]		



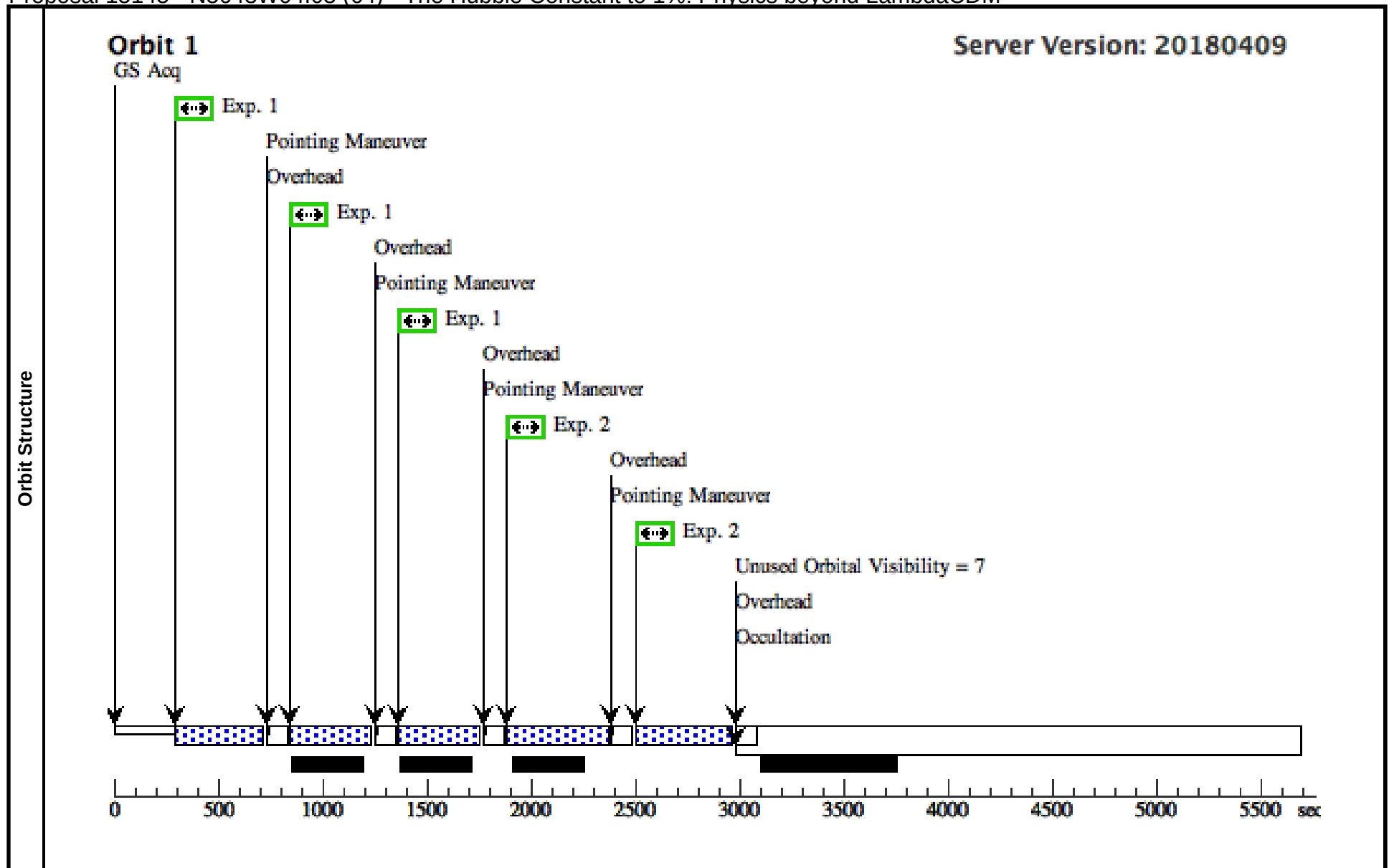
Proposal 15145 - N5643W03V01 (63) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W03V01 (63), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 61; AFTER 61 BY 6.06 D TO 7.06 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(7)	N5643		RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W03V01 (63) (2)	372 Secs (1116 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N5643W03V01 (63) (1)	465 Secs (930 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



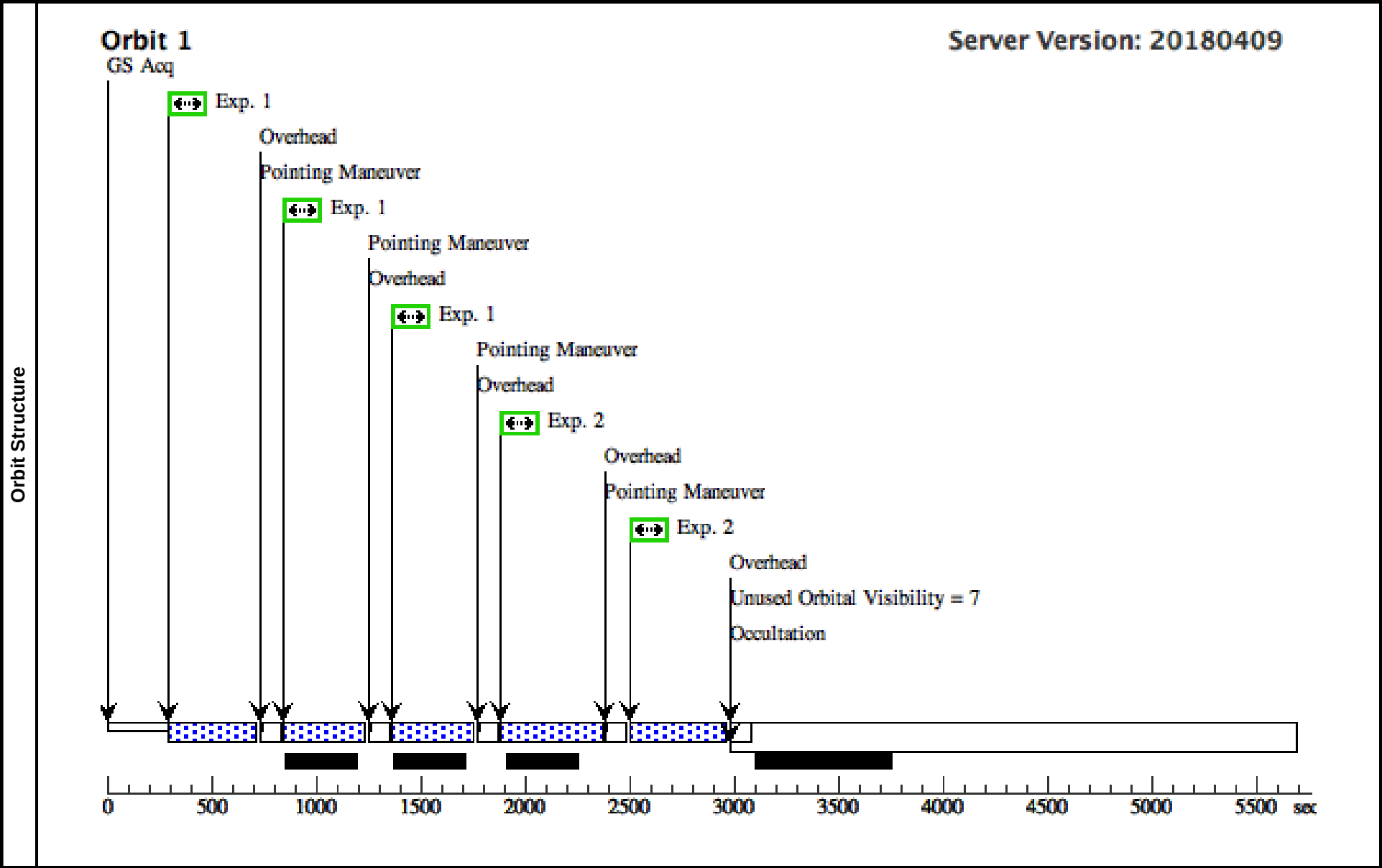
Proposal 15145 - N5643W04I03 (64) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W04I03 (64), completed										Wed Oct 31 15:03:58 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 61; AFTER 61 BY 10.56 D TO 11.56 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000					V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W04I03 (64) (2)	391 Secs (1173 Secs)		
											[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
Exposures	2		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W	FLASH=1		Pattern 1, Exps 2-2 in N5643W04I03 (64) (1)	465 Secs (930 Secs)		
											[==>(Pattern 1)] [==>(Pattern 2)]	[1]



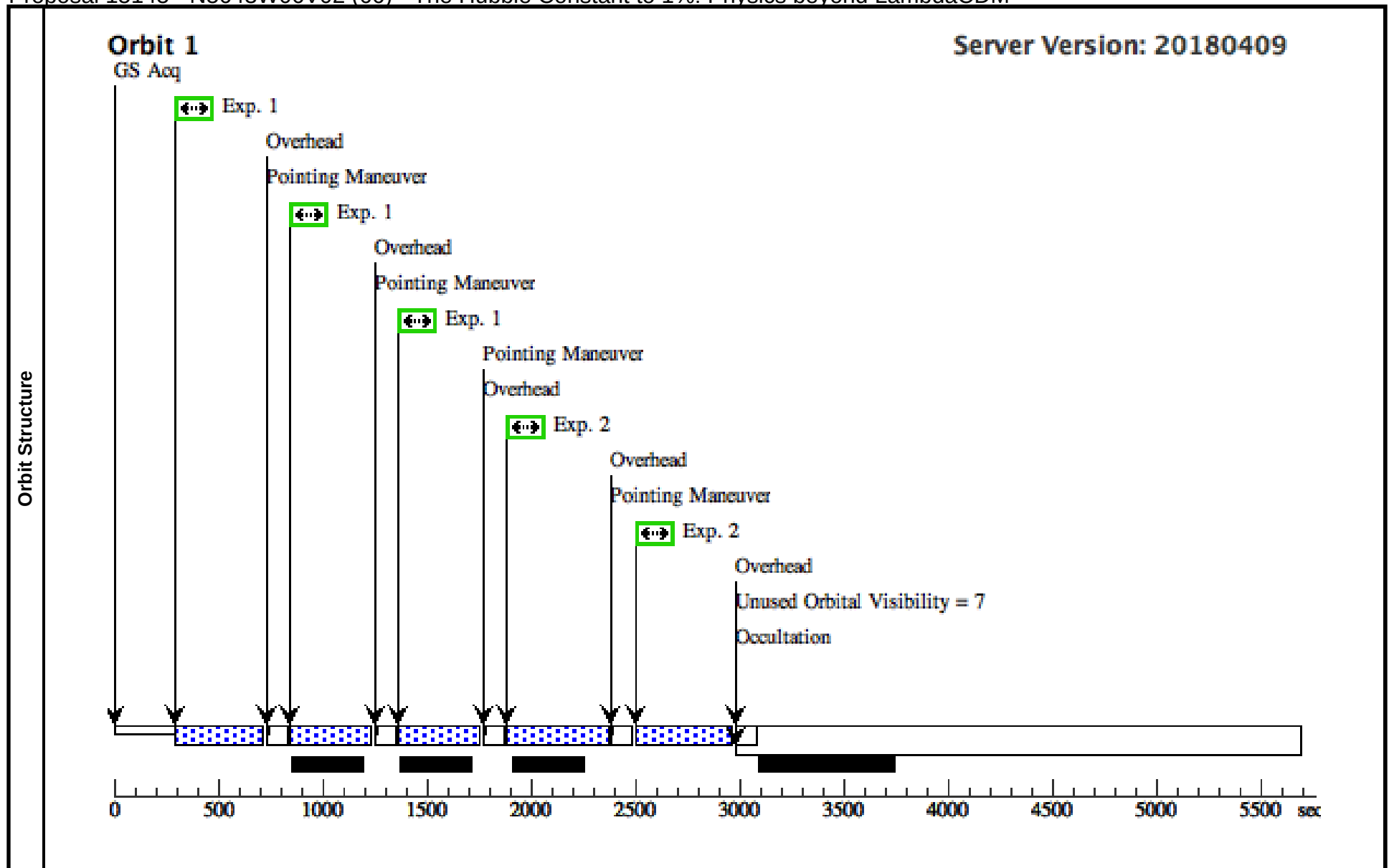
Proposal 15145 - N5643W05I02 (65) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W05I02 (65), completed										Wed Oct 31 15:03:58 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 61; AFTER 61 BY 16.20 D TO 17.20 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000					V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W05I02 (65) (2)	391 Secs (1173 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
Exposures	2		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W	FLASH=1		Pattern 1, Exps 2-2 in N5643W05I02 (65) (1)	465 Secs (930 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



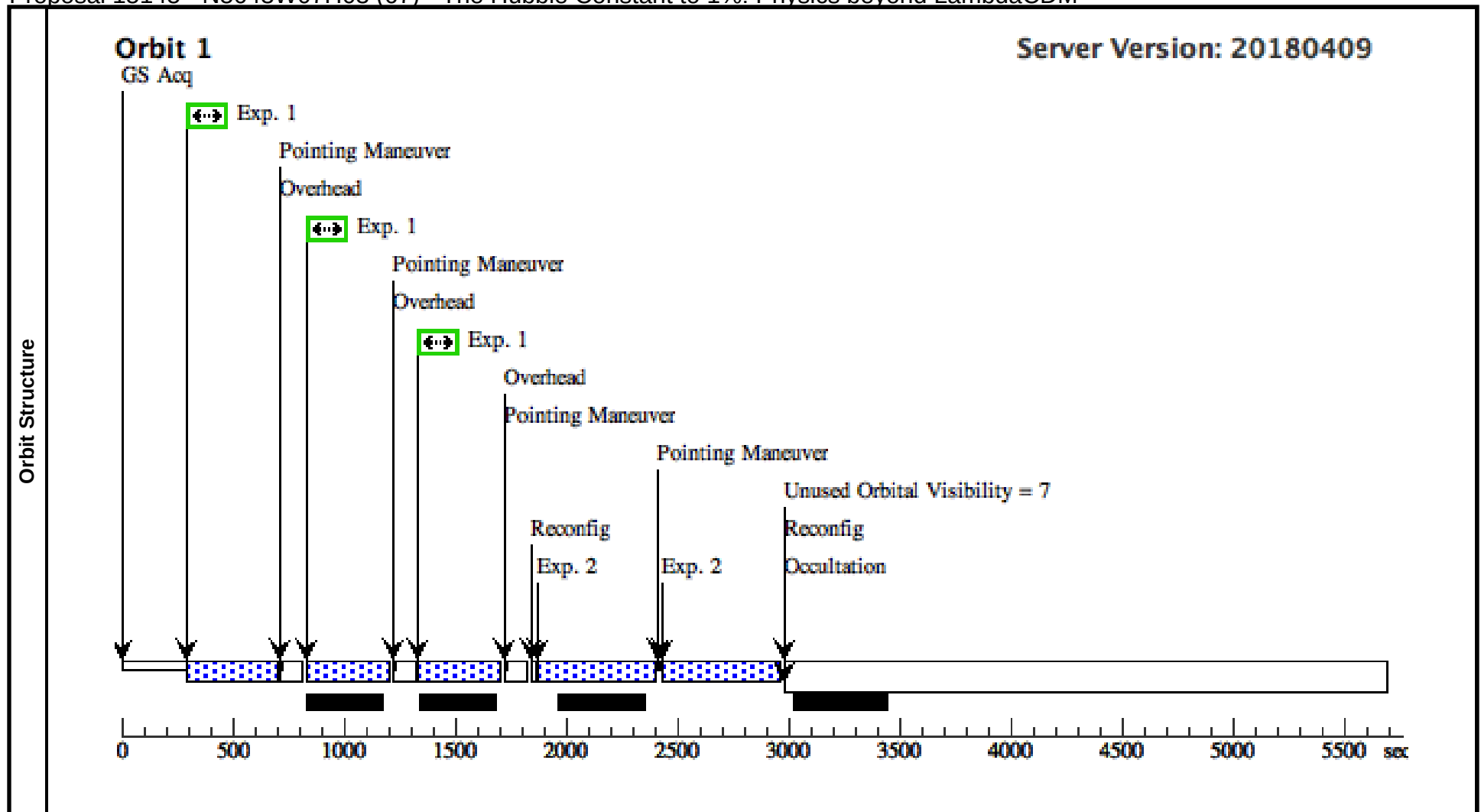
Proposal 15145 - N5643W06V02 (66) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W06V02 (66), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 0D TO 3.9D FROM 61; AFTER 61 BY 23.31 D TO 24.31 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=										(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(7)	N5643		RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W06V02 (66) (2)	391 Secs (1173 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N5643W06V02 (66) (1)	465 Secs (930 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



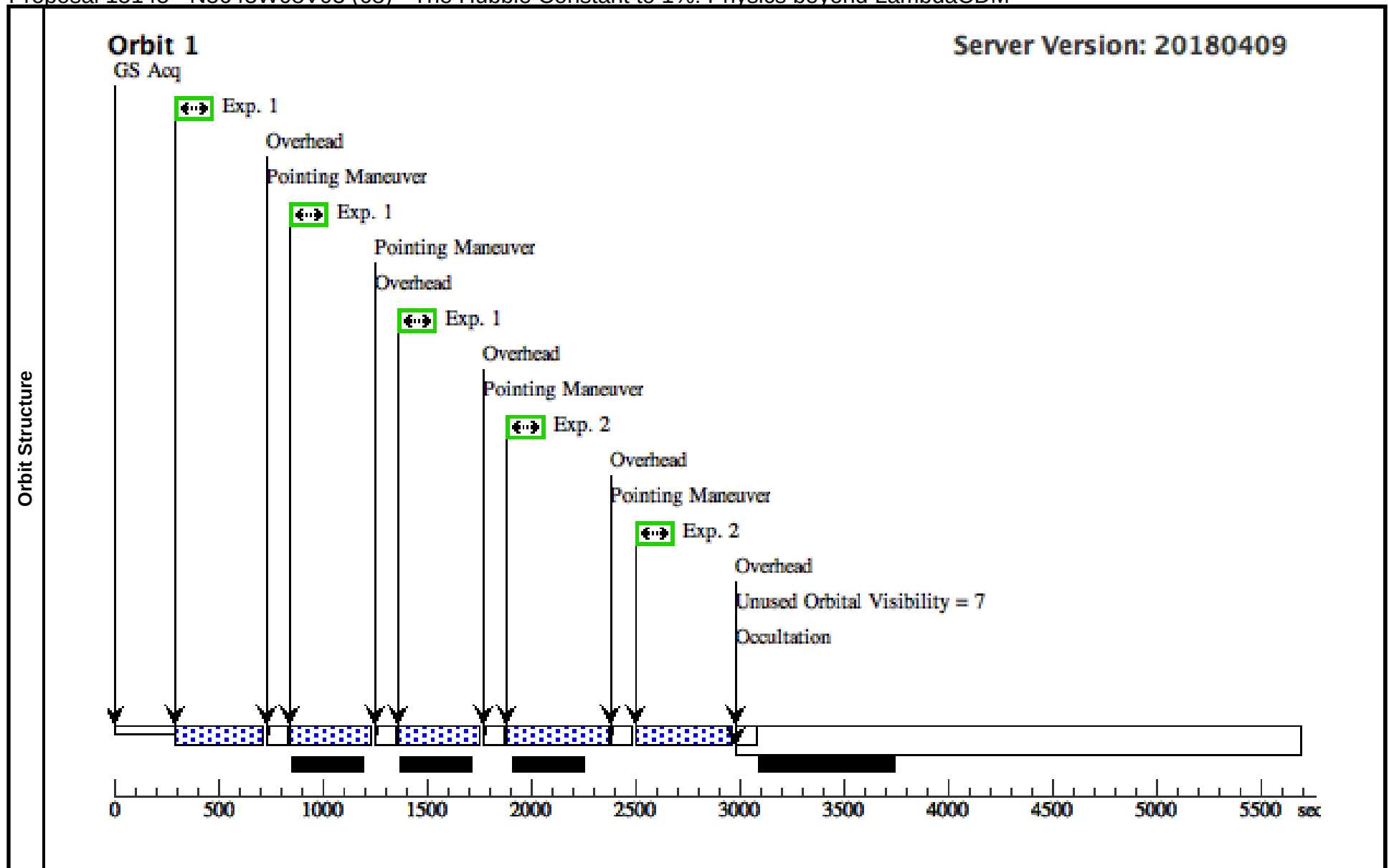
Proposal 15145 - N5643W07H03 (67) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W07H03 (67), completed										Wed Oct 31 15:03:58 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 61; AFTER 61 BY 32.40 D TO 33.40 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false								(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N5643W07H03 (67) (2)	376 Secs (1128 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(7) N5643	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5643W07H03 (67) (4)	502.936801 Secs (1005.874 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]



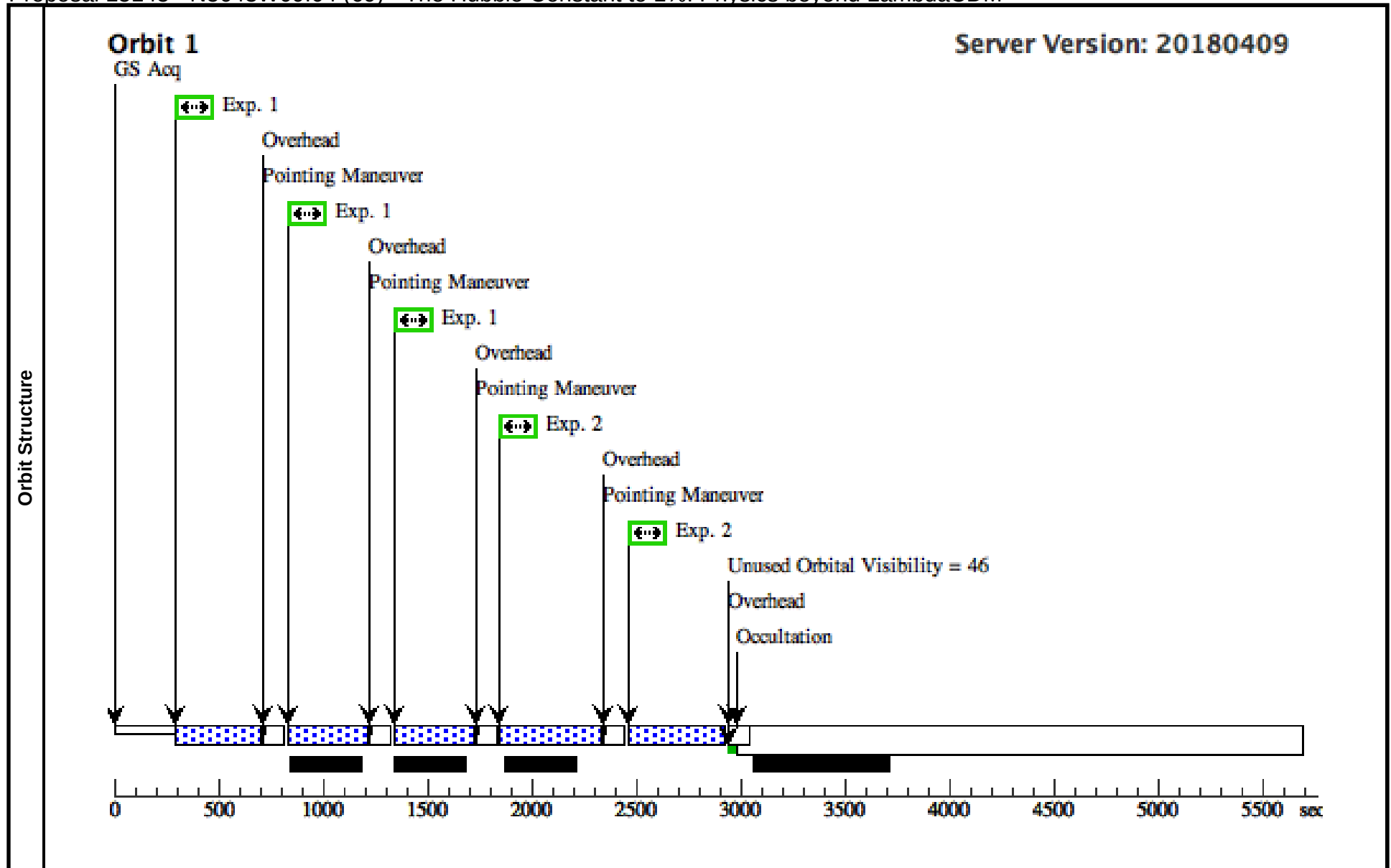
Proposal 15145 - N5643W08V03 (68) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W08V03 (68), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 61; AFTER 61 BY 44.12 D TO 45.12 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(7)	N5643		RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W08V03 (68) (2)	391 Secs (1173 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N5643W08V03 (68) (1)	465 Secs (930 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



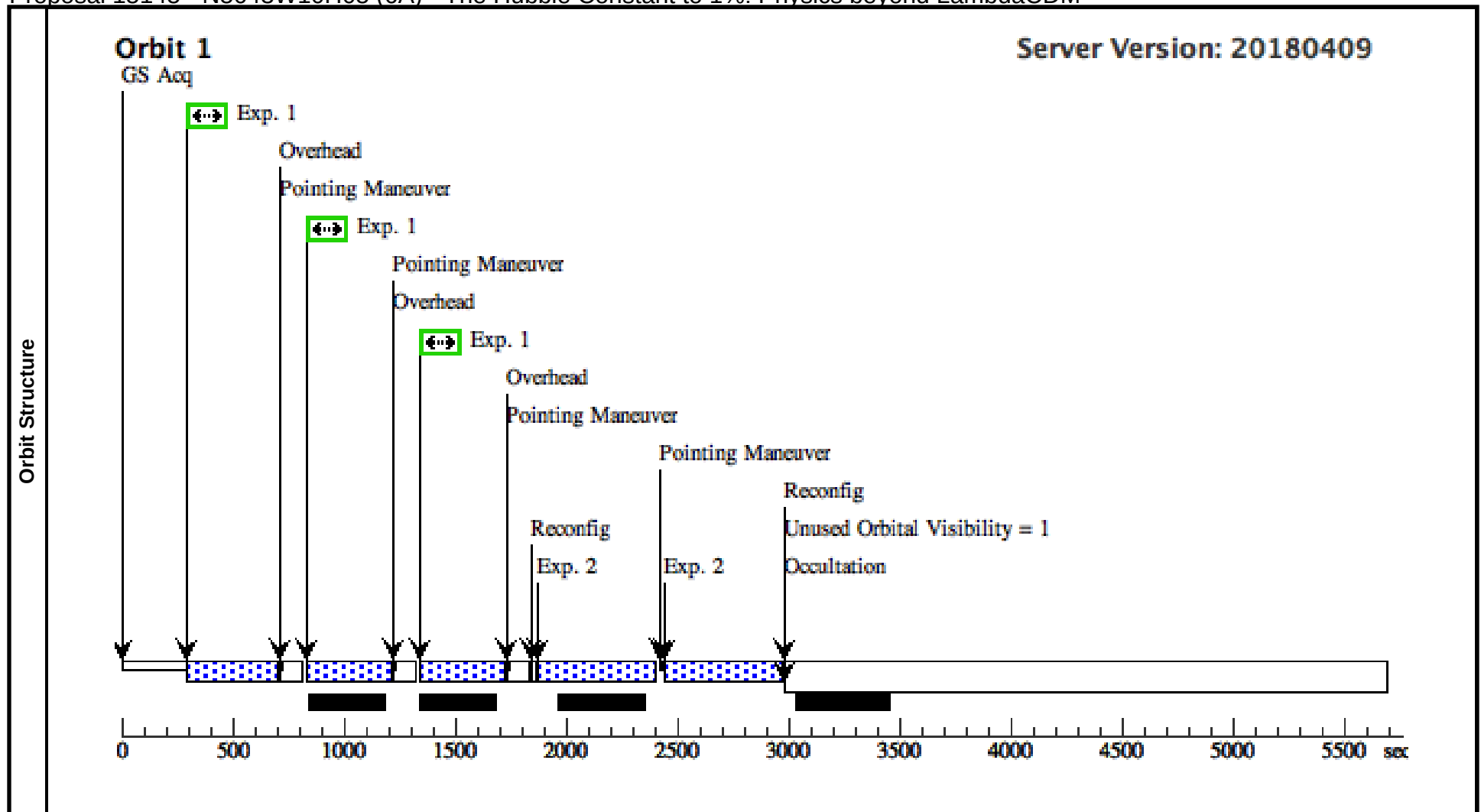
Proposal 15145 - N5643W09I04 (69) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W09I04 (69), completed										Wed Oct 31 15:03:58 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; AFTER 61 BY 59.38 D TO 60.38 D										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=									(2)
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=									(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N5643W09I04 (69) (2)	378 Secs (1134 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	FLASH=1		Pattern 1, Exps 2-2 in N5643W09I04 (69) (1)	465 Secs (930 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



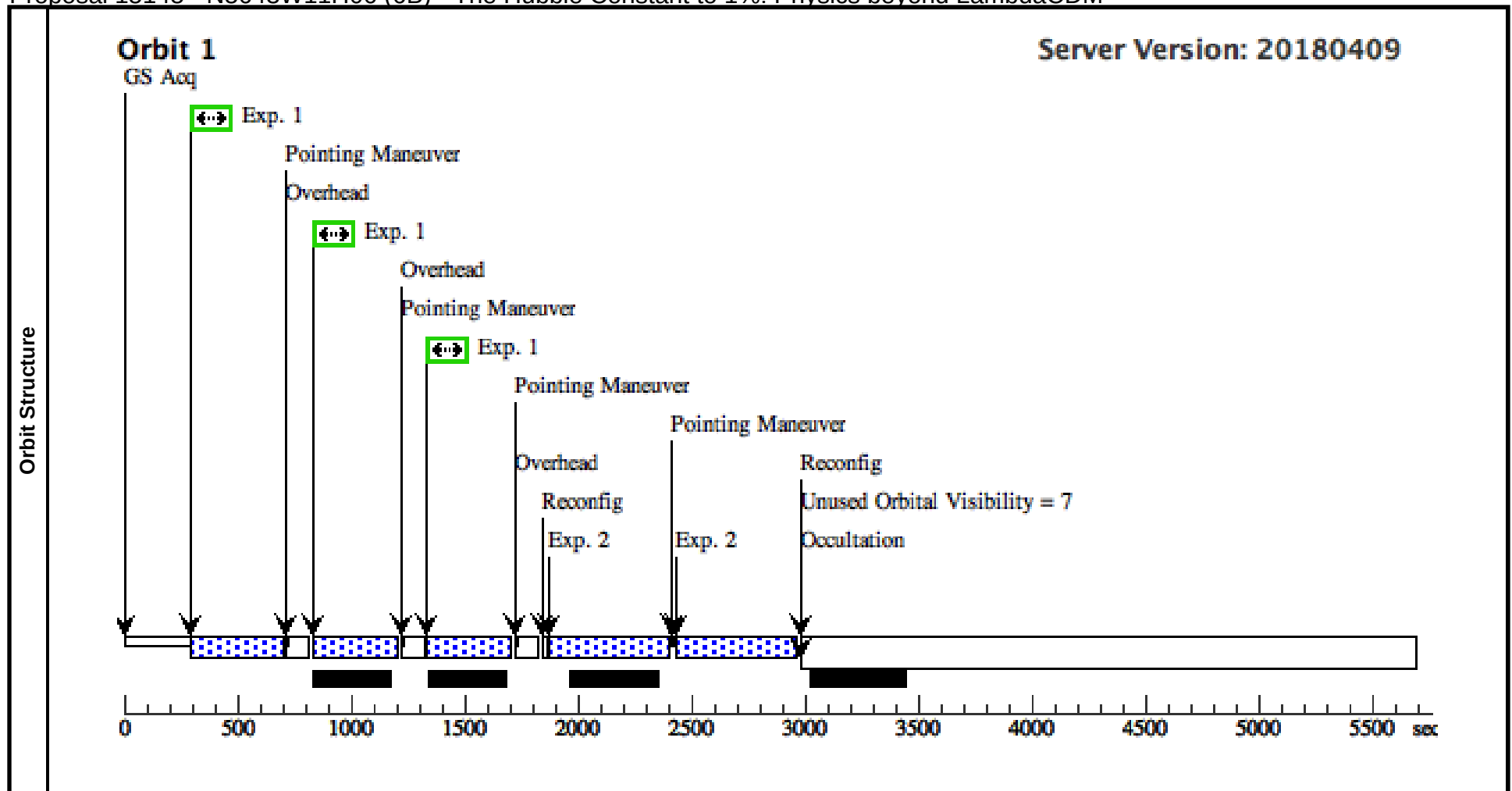
Proposal 15145 - N5643W10H05 (6A) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W10H05 (6A), completed										Wed Oct 31 15:03:58 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 69; AFTER 61 BY 79.50 D TO 80.50 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000					V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W10H05 (6A) (2)	378 Secs (1134 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(7) N5643	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5643W10H05 (6A) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]	



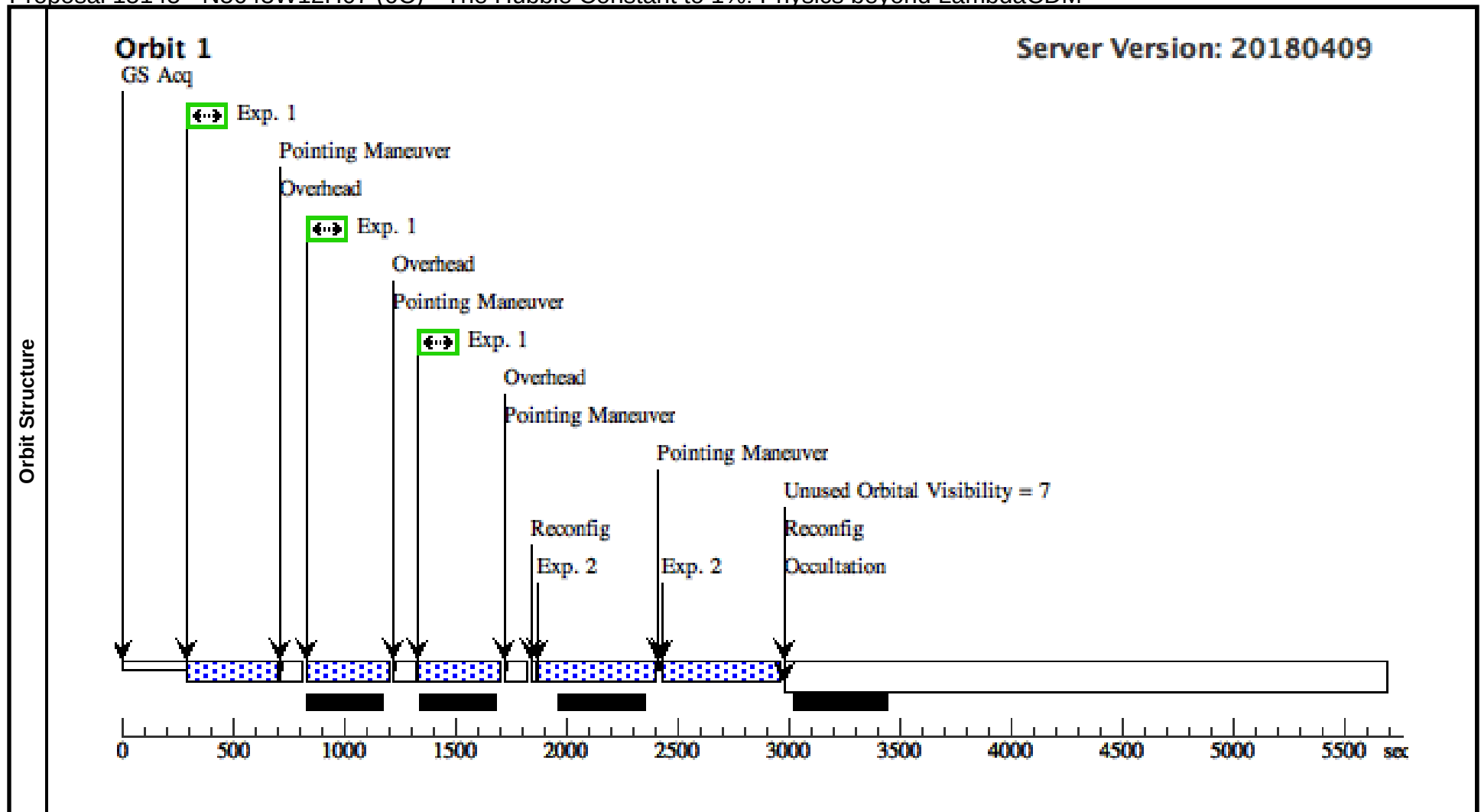
Proposal 15145 - N5643W11H06 (6B) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W11H06 (6B), completed										Wed Oct 31 15:03:58 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; AFTER 61 BY 135 D TO 139 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000					V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W11H06 (6 B) (2)	376 Secs (1128 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(7) N5643	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5643W11H06 (6 B) (4)	502.936801 Secs (1005.874 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



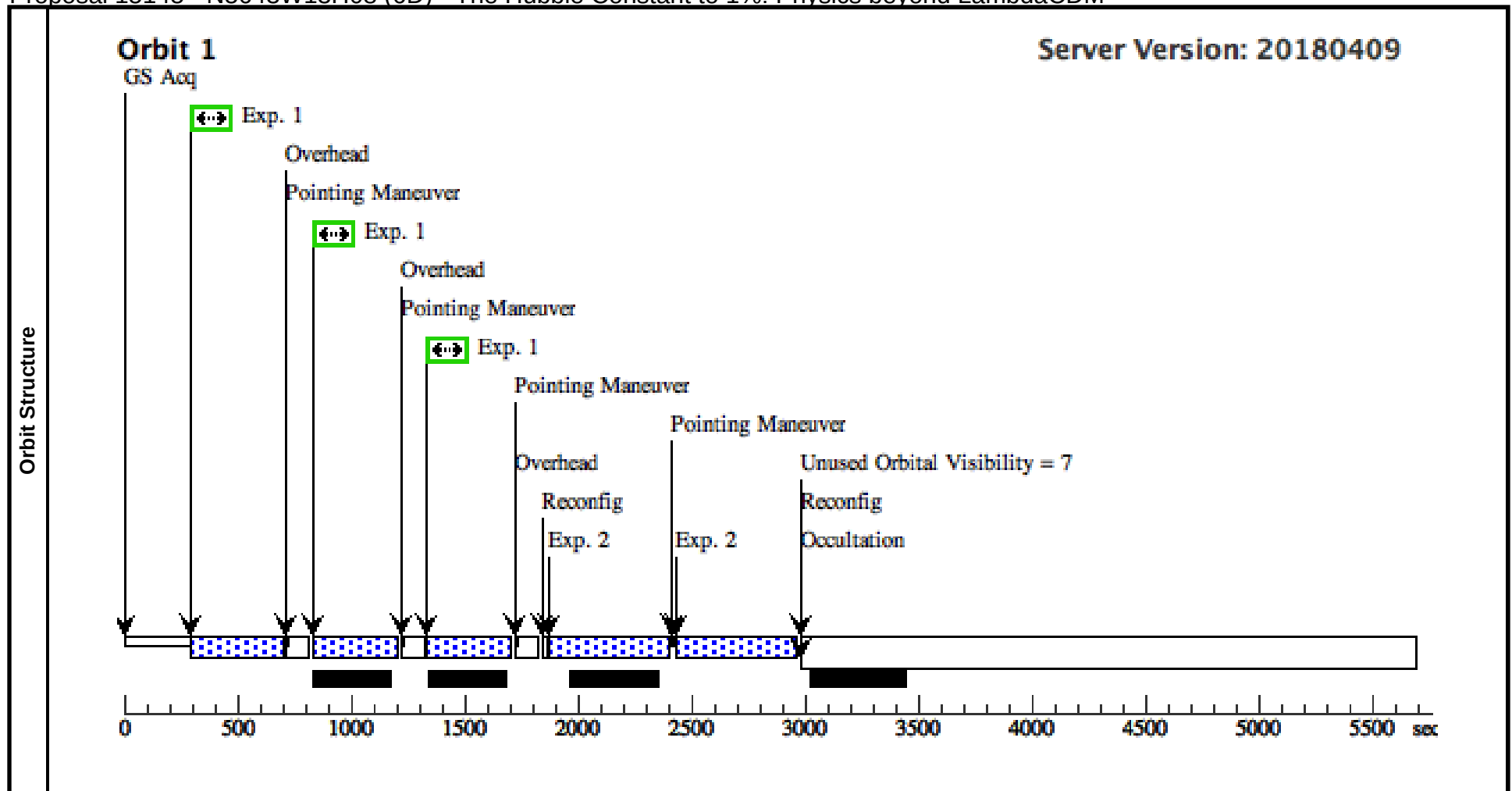
Proposal 15145 - N5643W12H07 (6C) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W12H07 (6C), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; AFTER 61 BY 187 D TO 191 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(7)	N5643		RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W12H07 (6 C) (2)	376 Secs (1128 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(7) N5643	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5643W12H07 (6 C) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



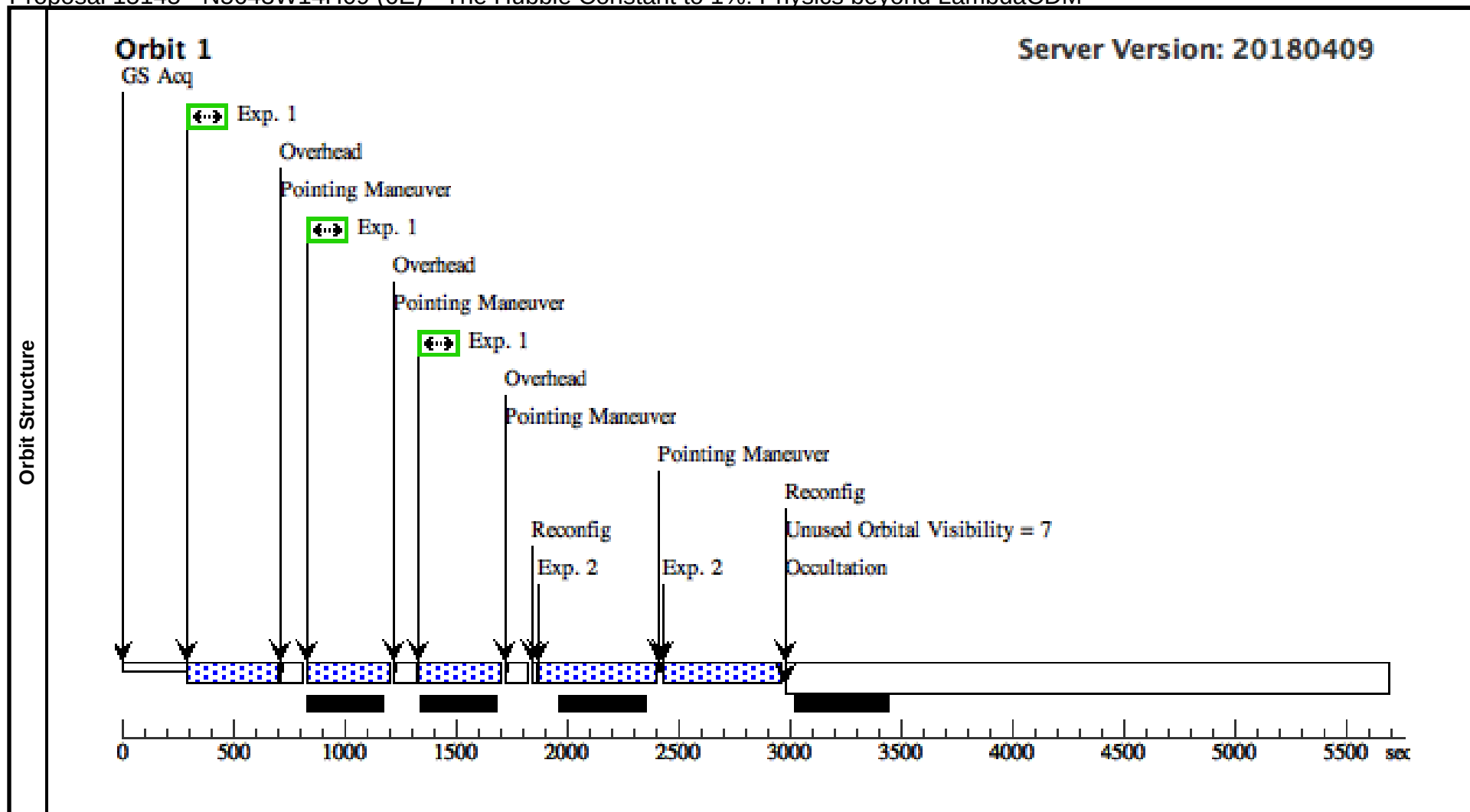
Proposal 15145 - N5643W13H08 (6D) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W13H08 (6D), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; AFTER 61 BY 255 D TO 260 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(7)	N5643		RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W13H08 (6 D) (2)	376 Secs (1128 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(7) N5643	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5643W13H08 (6 D) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



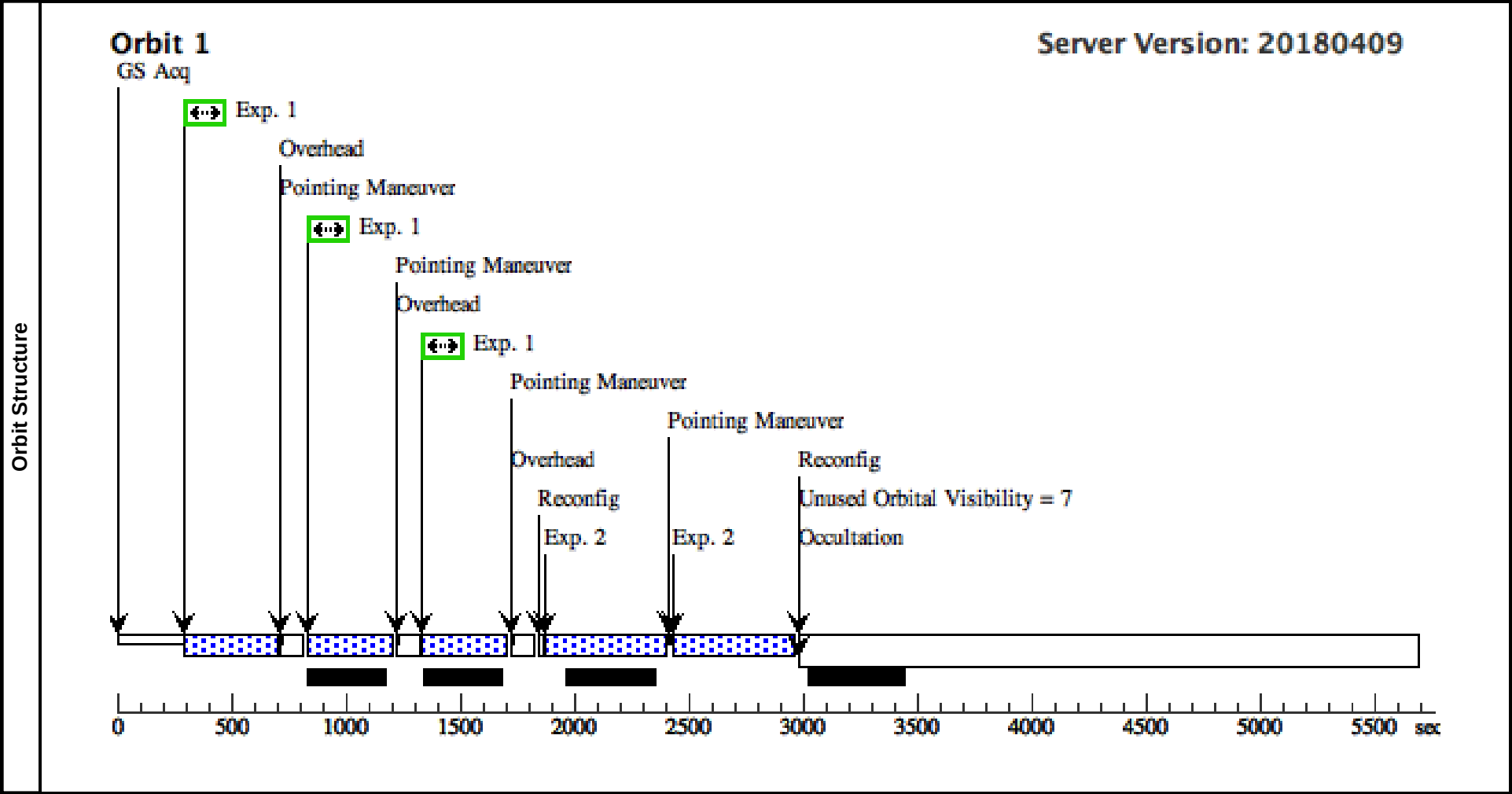
Proposal 15145 - N5643W14H09 (6E) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W14H09 (6E), implementation										Wed Oct 31 15:03:58 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; AFTER 61 BY 348 D TO 360 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(7)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W14H09 (6E) (2)	376 Secs (1128 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(7) N5643	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5643W14H09 (6E) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]	



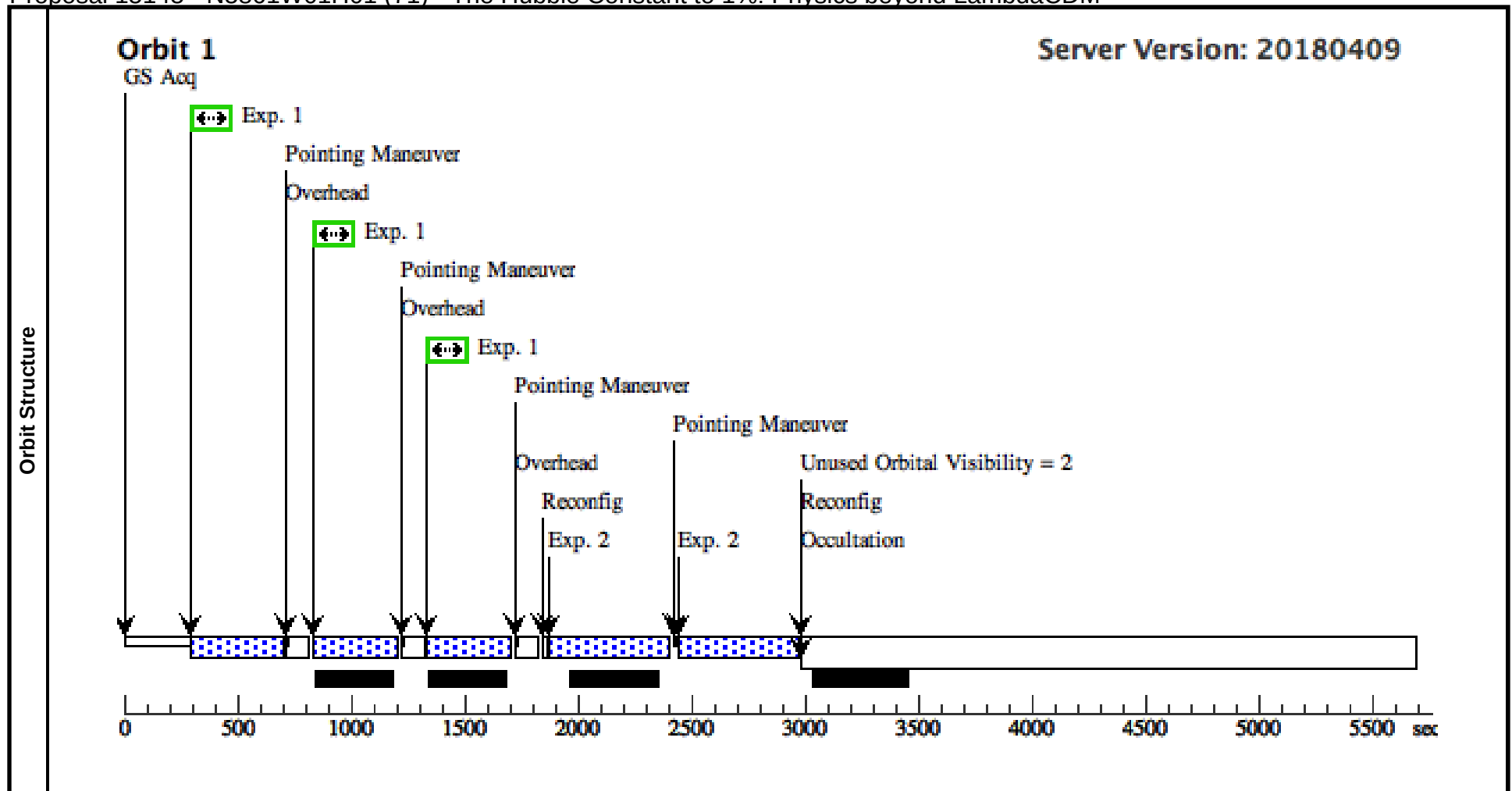
Proposal 15145 - N5643W15H10 (6F) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5643W15H10 (6F), implementation										Wed Oct 31 15:03:58 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 61; AFTER 61 BY 388 D TO 392 D											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)		
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)		
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(7)	N5643	RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) N5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5643W15H10 (6 F) (2)	376 Secs (1128 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(7) N5643	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5643W15H10 (6 F) (4)	502.936801 Secs (1005.874 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



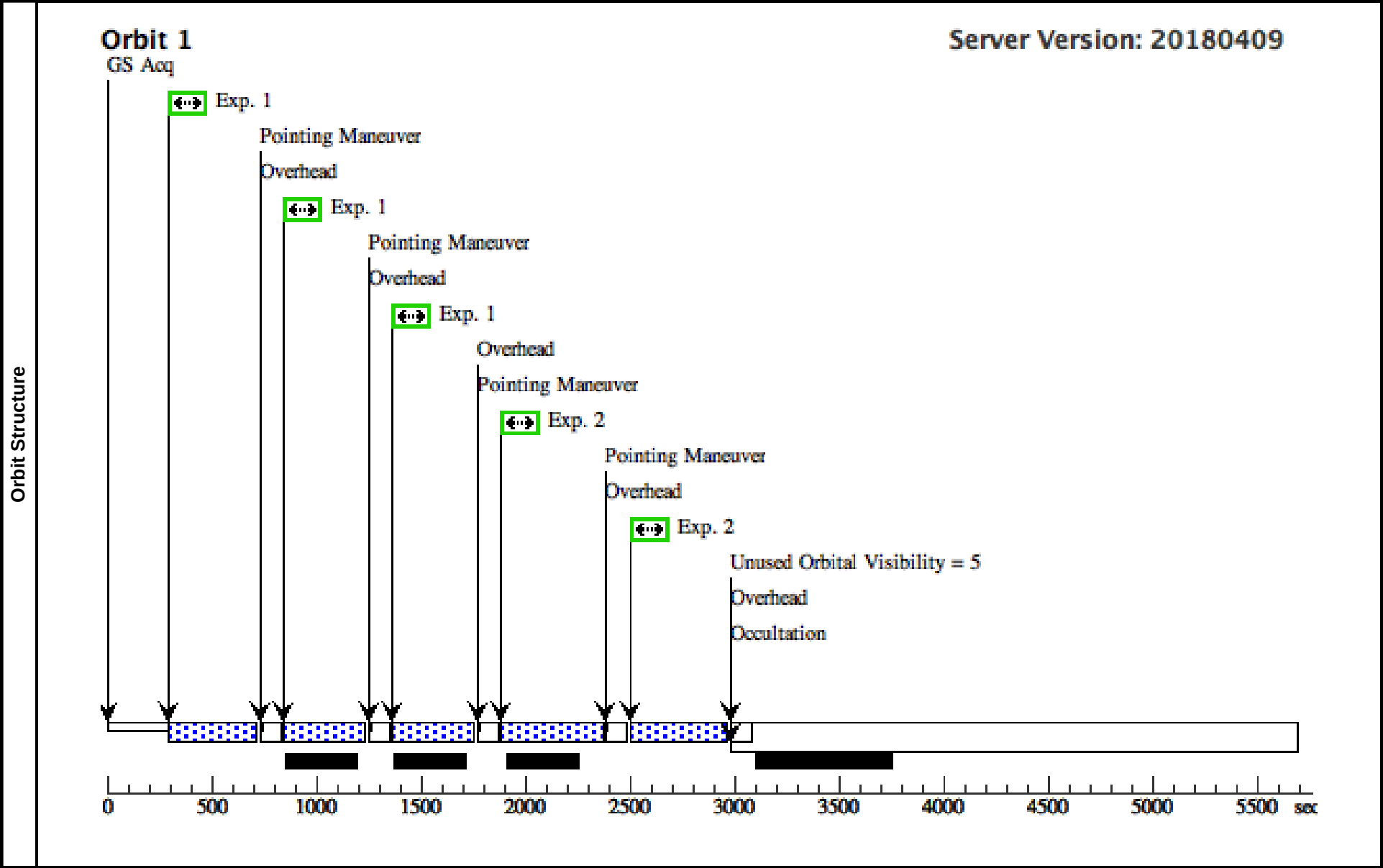
Proposal 15145 - N5861W01H01 (71) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W01H01 (71), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W01H01 (71) (2)	377 Secs (1131 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(8) N5861	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5861W01H01 (71) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



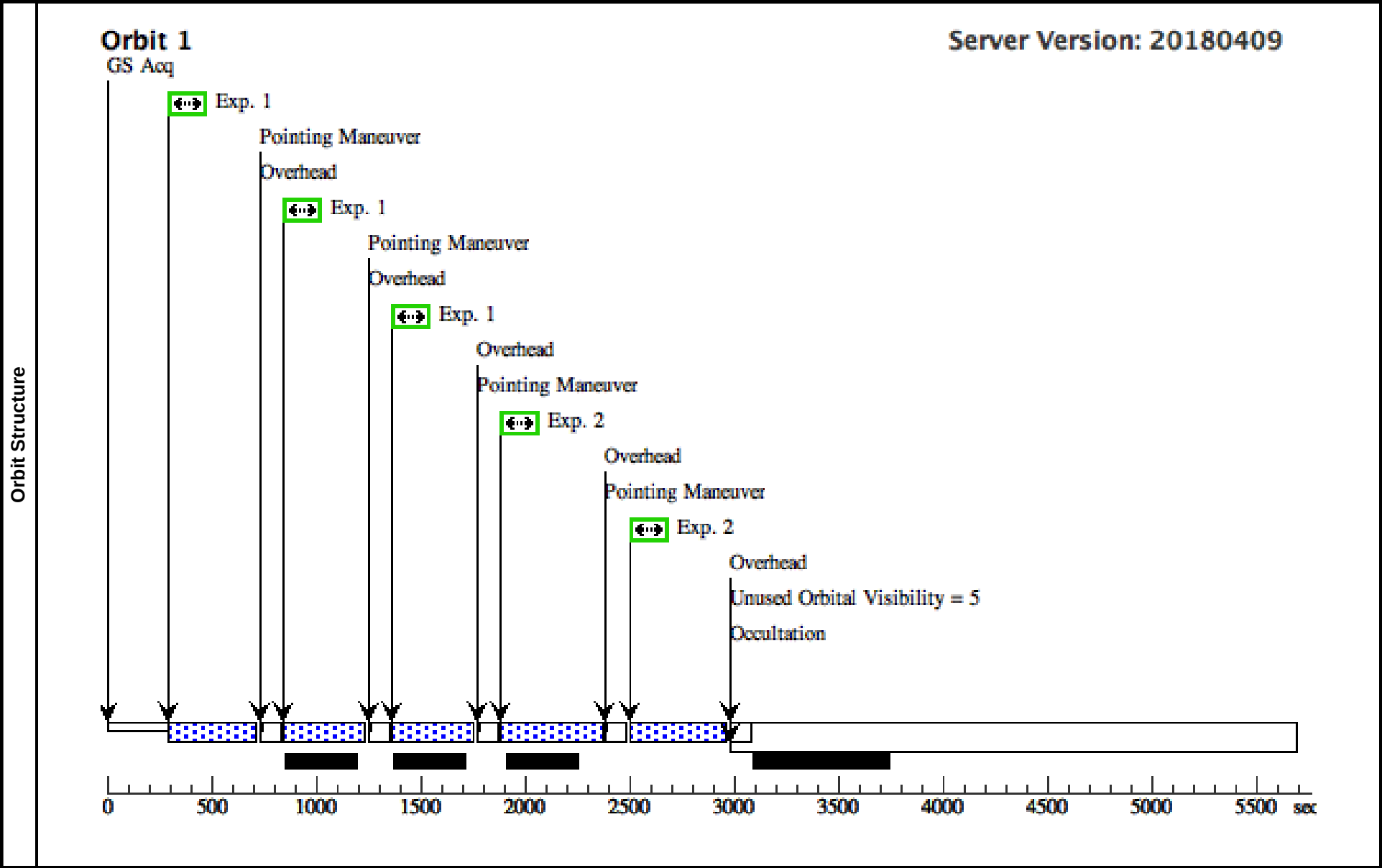
Proposal 15145 - N5861W02I01 (72) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W02I01 (72), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 71; AFTER 71 BY 2.81 D TO 3.81 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=										(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS			
Comments: Category=GALAXY Description=[SPIRAL]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W02I01 (72) (2)	391 Secs (1173 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W	FLASH=1		Pattern 1, Exps 2-2 in N5861W02I01 (72) (1)	465 Secs (930 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



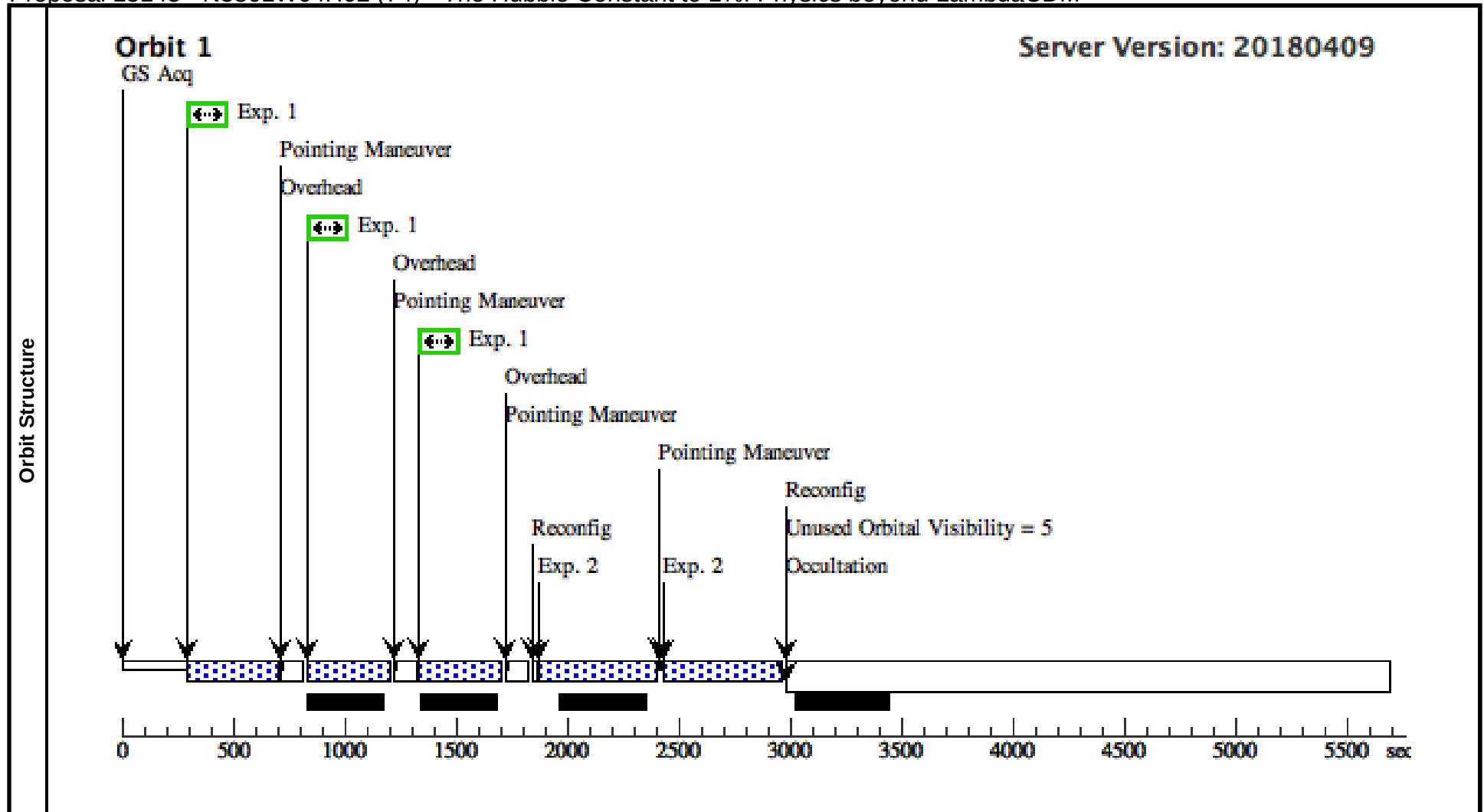
Proposal 15145 - N5861W03V01 (73) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W03V01 (73), failed										Wed Oct 31 15:03:58 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 71; AFTER 71 BY 6.88 D TO 7.88 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(8)	N5861	RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N5861W03V01 (73) (2)	391 Secs (1173 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 in N5861W03V01 (73) (1)	465 Secs (930 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]



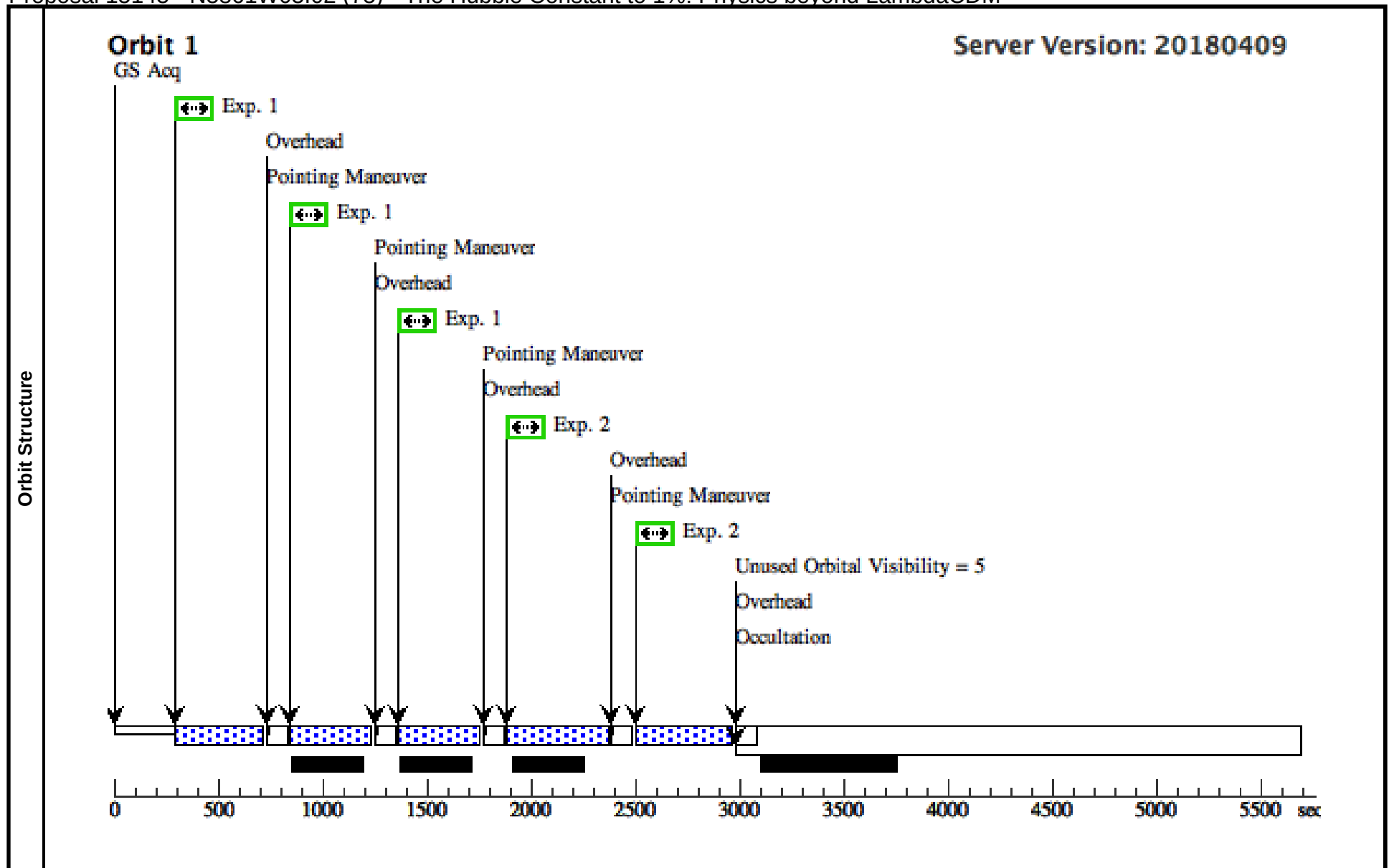
Proposal 15145 - N5861W04H02 (74) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W04H02 (74), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 71; AFTER 71 BY 11.94 D TO 12.94 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W04H02 (74) (2)	376 Secs (1128 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(8) N5861	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5861W04H02 (74) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



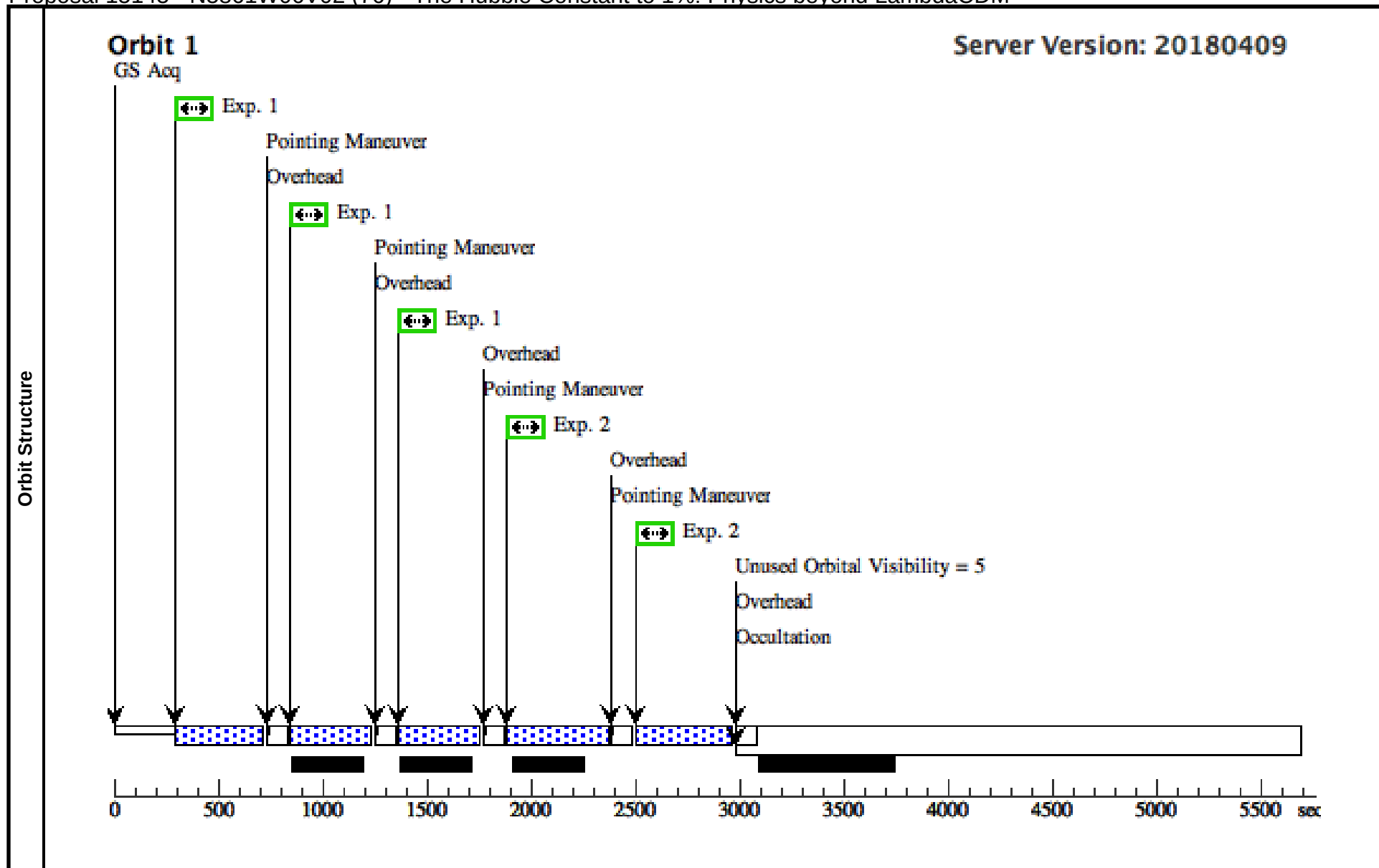
Proposal 15145 - N5861W05I02 (75) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W05I02 (75), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 71; AFTER 71 BY 18.28 D TO 19.28 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS			
Comments: Category=GALAXY Description=[SPIRAL]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W05I02 (75) (2)	391 Secs (1173 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W	FLASH=1		Pattern 1, Exps 2-2 in N5861W05I02 (75) (1)	465 Secs (930 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



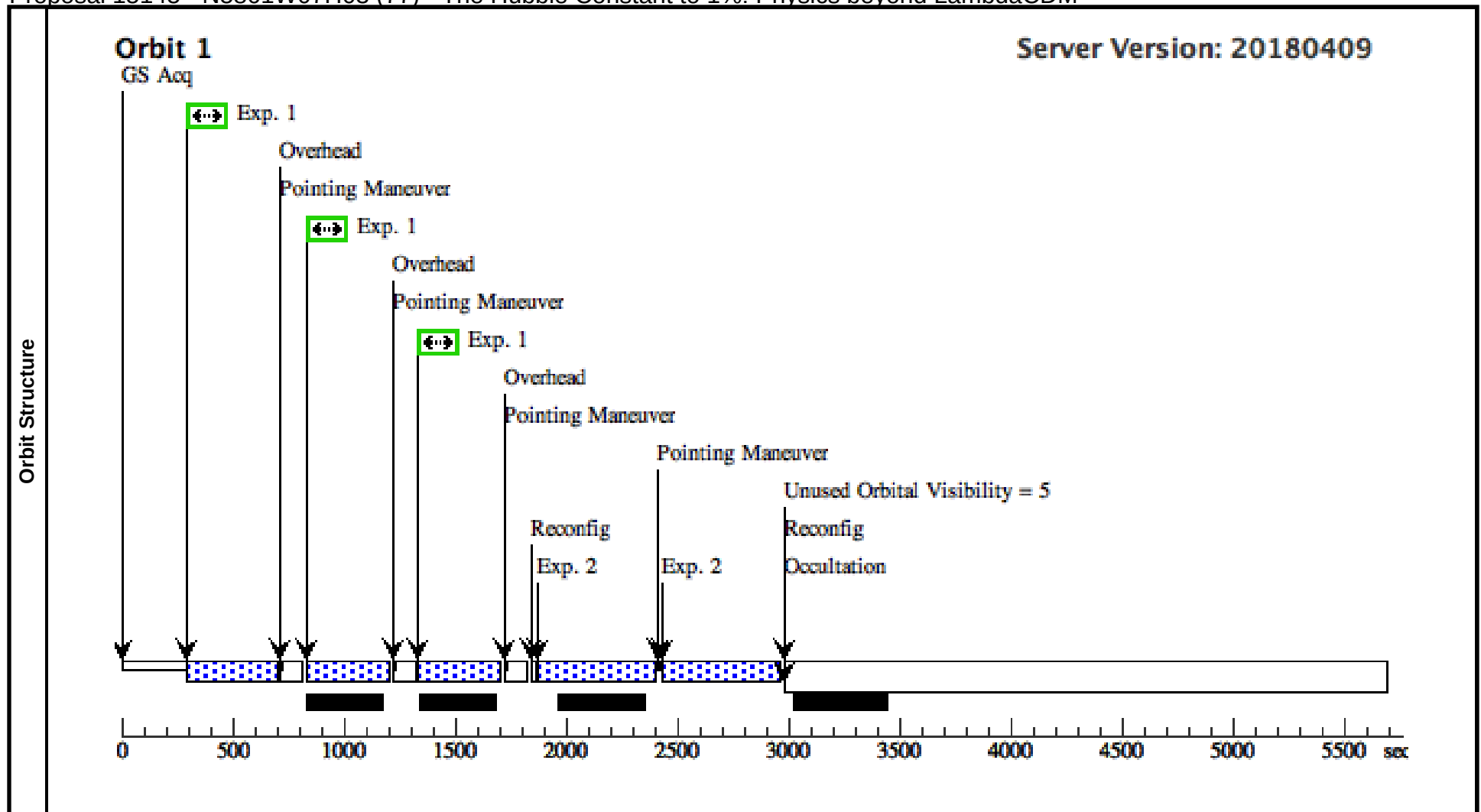
Proposal 15145 - N5861W06V02 (76) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W06V02 (76), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 284.8D TO 284.8 D; AFTER 71 BY 26.28 D TO 27.28 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS			
Comments: Category=GALAXY Description=[SPIRAL]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W06V02 (76) (2)	391 Secs (1173 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N5861W06V02 (76) (1)	465 Secs (930 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



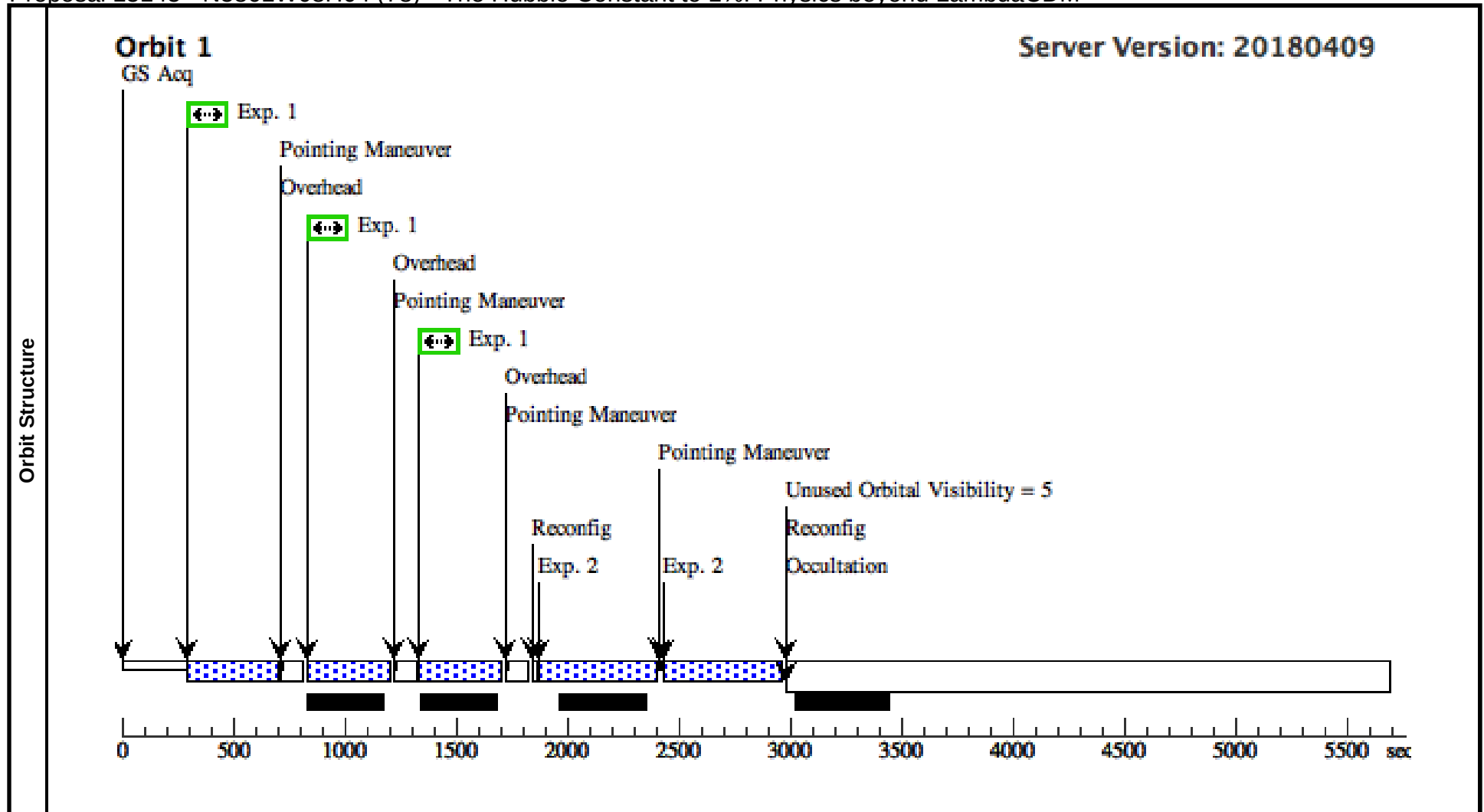
Proposal 15145 - N5861W07H03 (77) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W07H03 (77), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 284.8D TO 284.8 D; AFTER 71 BY 36.51 D TO 37.51 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W07H03 (77) (2)	376 Secs (1128 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(8) N5861	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 4, Exps 2-2 in N5861W07H03 (77) (4)	502.936801 Secs (1005.874 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



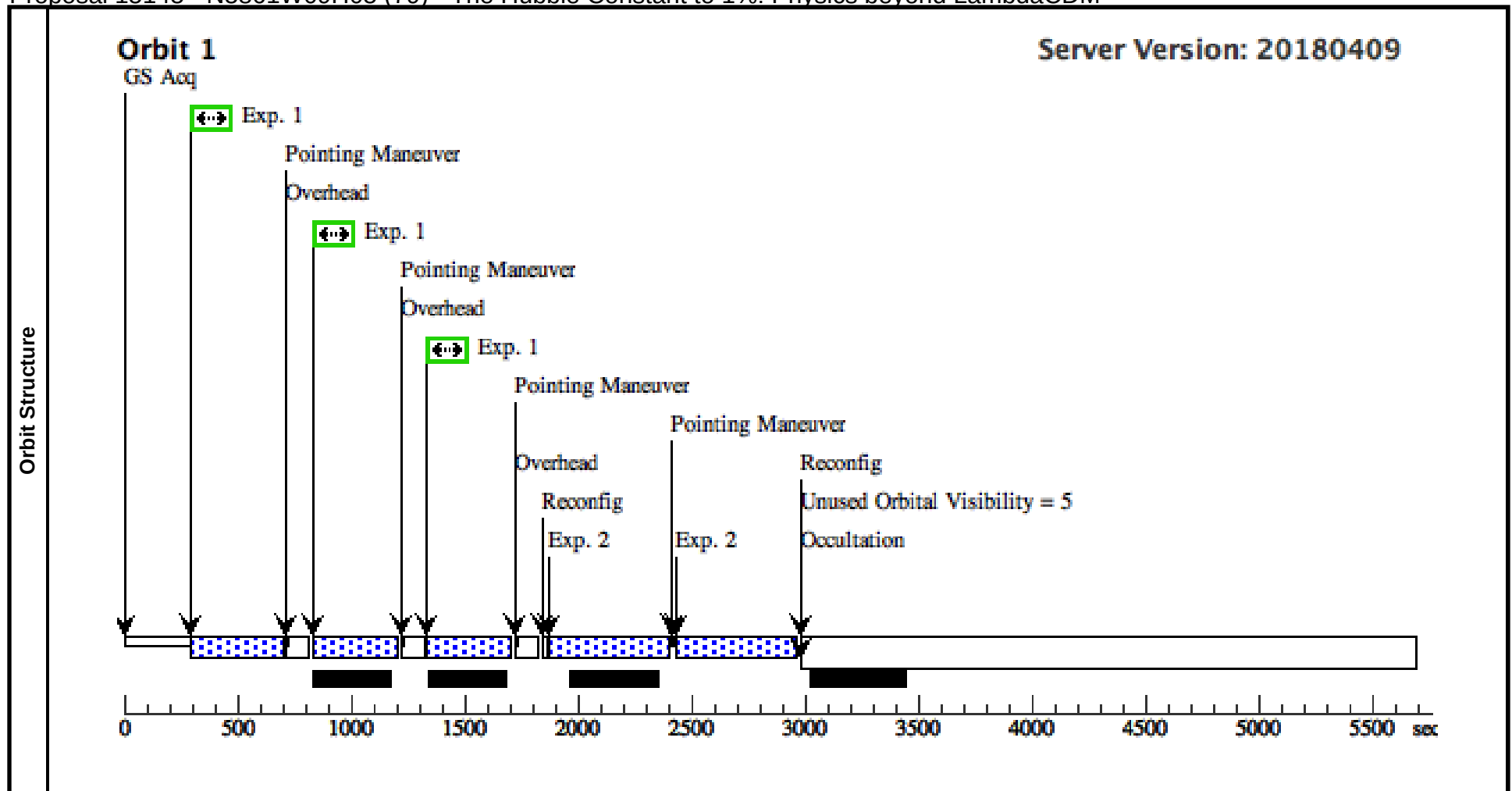
Proposal 15145 - N5861W08H04 (78) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W08H04 (78), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 284.8D TO 284.8 D; AFTER 71 BY 49.69 D TO 50.69 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W08H04 (78) (2)	376 Secs (1128 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(8) N5861	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5861W08H04 (78) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



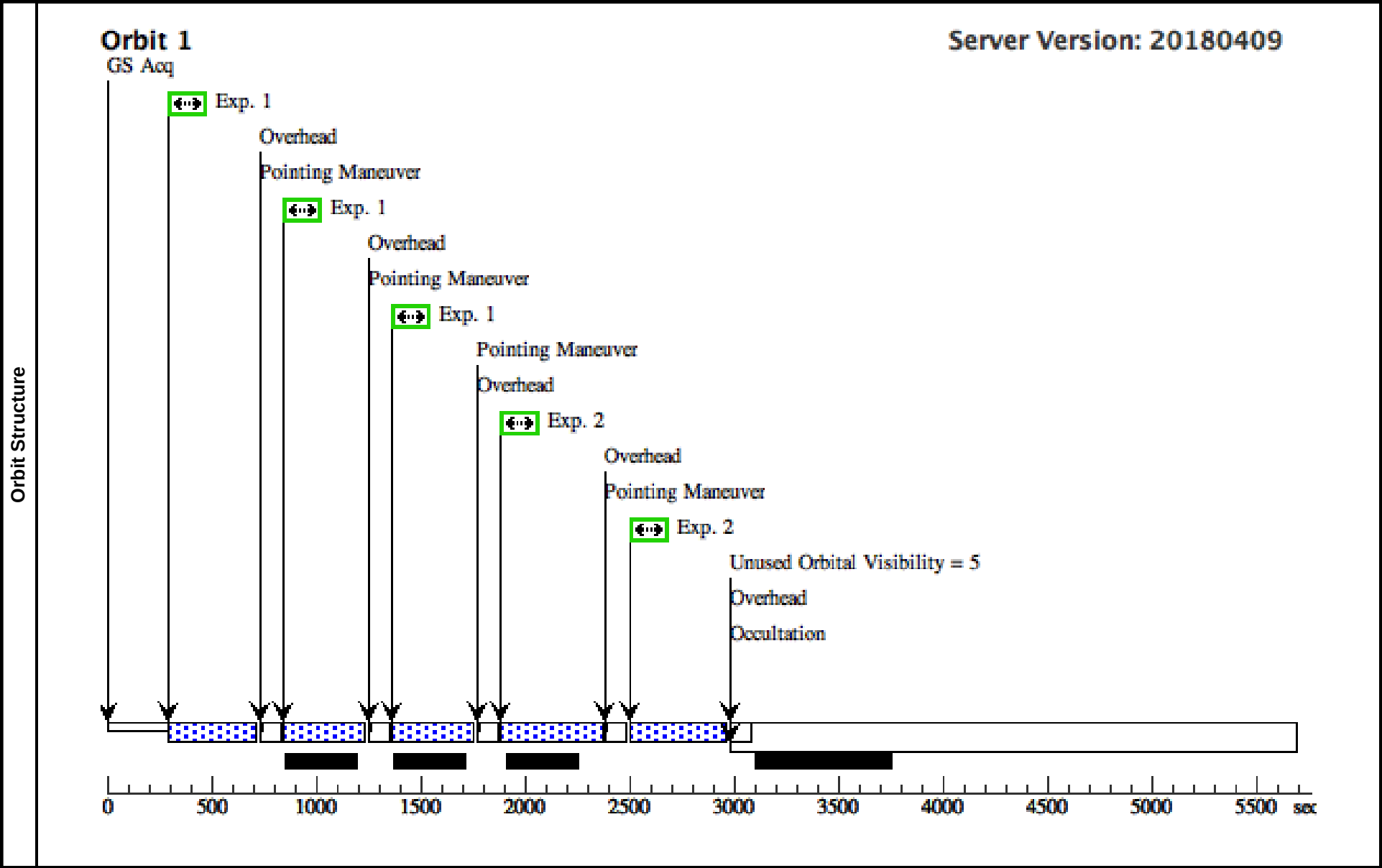
Proposal 15145 - N5861W09H05 (79) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W09H05 (79), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 284.8D TO 284.8 D; AFTER 71 BY 66.86 D TO 67.86 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W09H05 (79) (2)	376 Secs (1128 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(8) N5861	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5861W09H05 (79) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



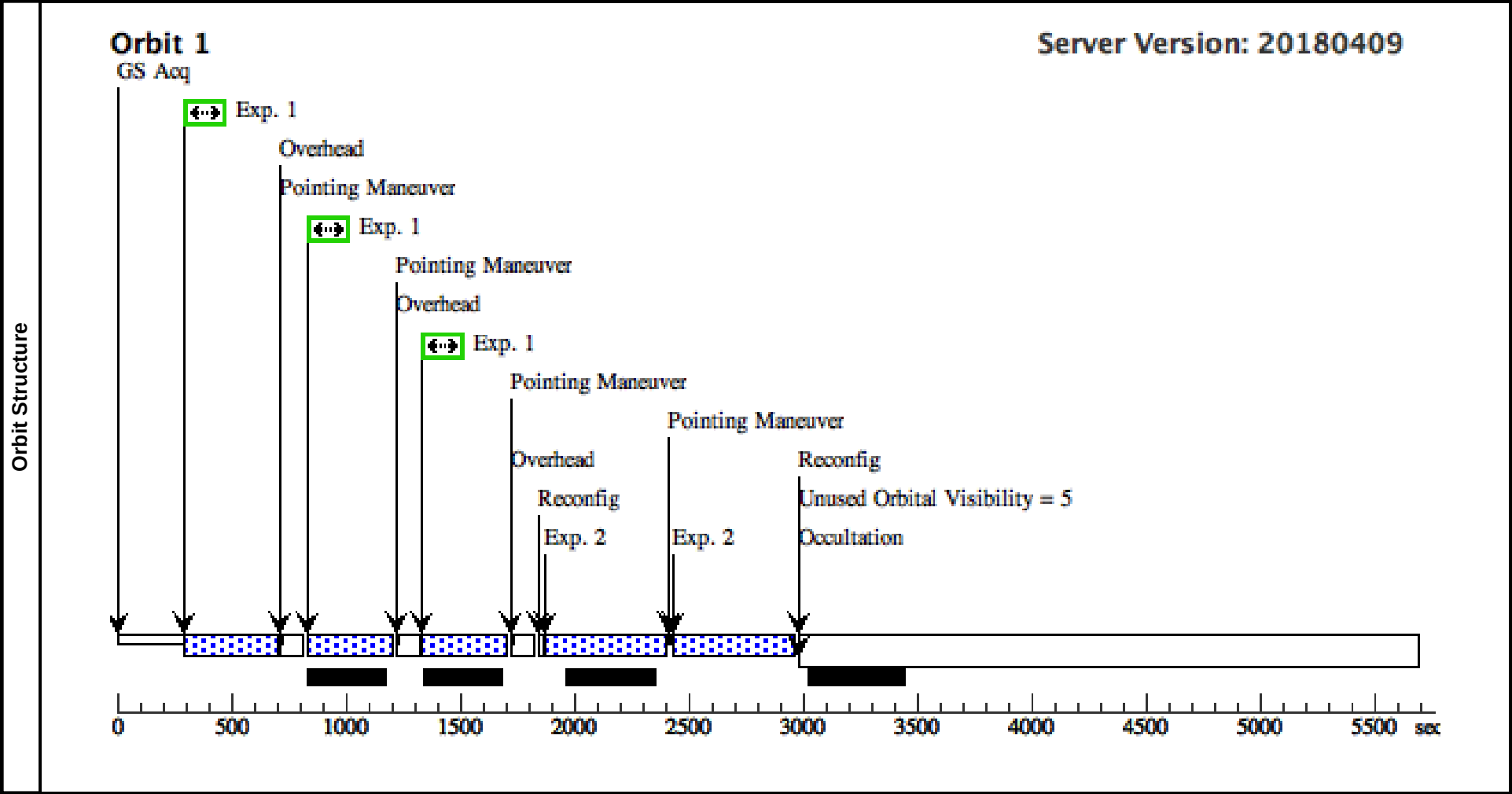
Proposal 15145 - N5861W10I03 (7A) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W10I03 (7A), completed										Wed Oct 31 15:03:58 GMT 2018			
	Diagnostic Status: No Diagnostics													
	Scientific Instruments: WFC3/UVIS													
	Special Requirements: SCHED 100%; ORIENT 284.8D TO 284.8 D; AFTER 71 BY 89.5 D TO 90.5 D													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS				
Comments: Category=GALAXY Description=[SPIRAL]														
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W10I03 (7A) (2)	391 Secs (1173 Secs)				
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W	FLASH=1		Pattern 1, Exps 2-2 in N5861W10I03 (7A) (1)	465 Secs (930 Secs)				
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]		



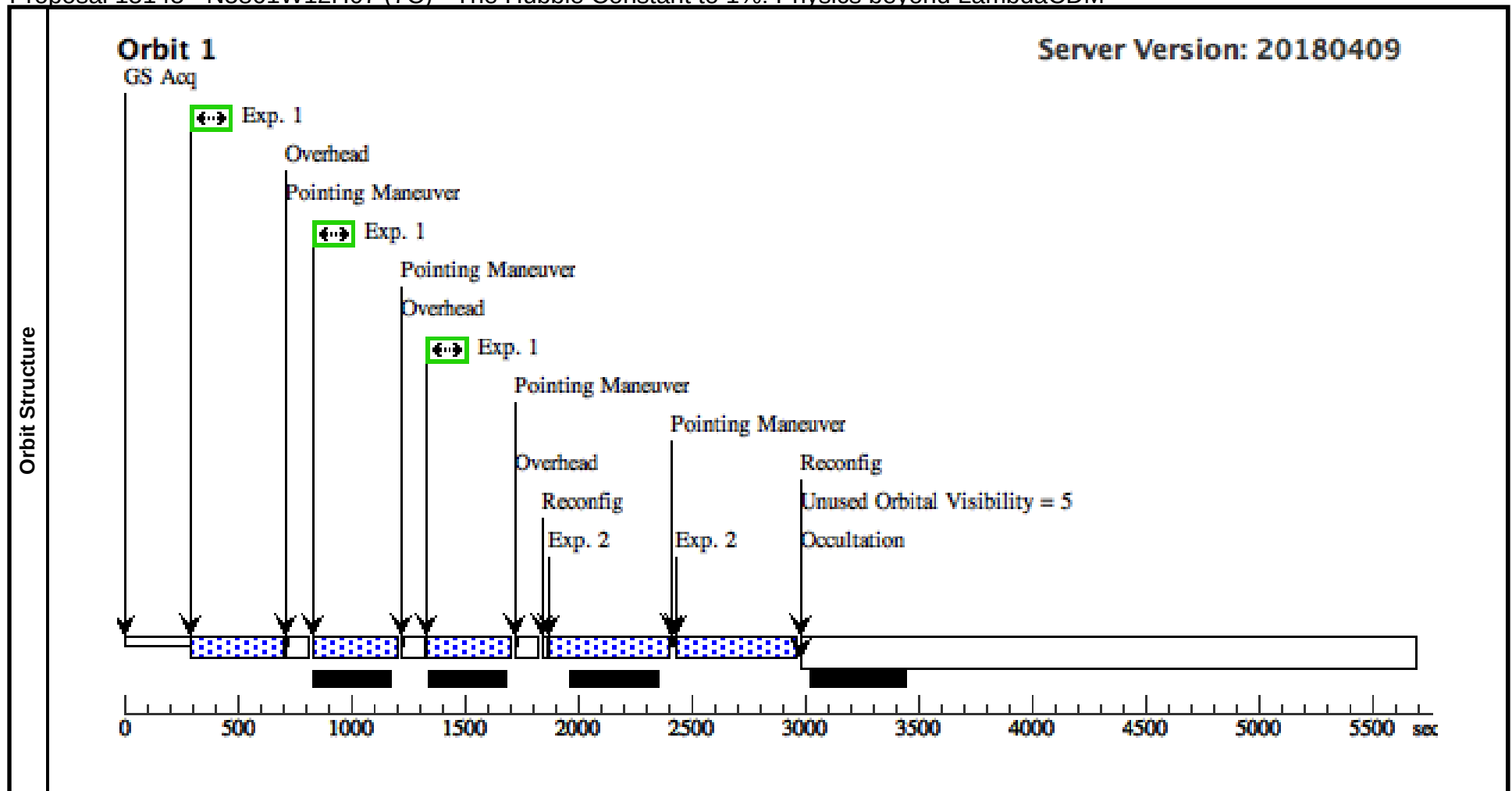
Proposal 15145 - N5861W11H06 (7B) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W11H06 (7B), completed										Wed Oct 31 15:03:58 GMT 2018			
	Diagnostic Status: No Diagnostics													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; AFTER 71 BY 135 D TO 139 D													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false								(2)	
Fixed Targets	#	Name		Target Coordinates			Targ. Coord. Corrections			Fluxes		Miscellaneous		
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000						V=26		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[SPIRAL]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W11H06 (7 B) (2)	376 Secs (1128 Secs)				
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(8) N5861	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5861W11H06 (7 B) (4)	502.936801 Secs (1005.874 Secs)				
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]		



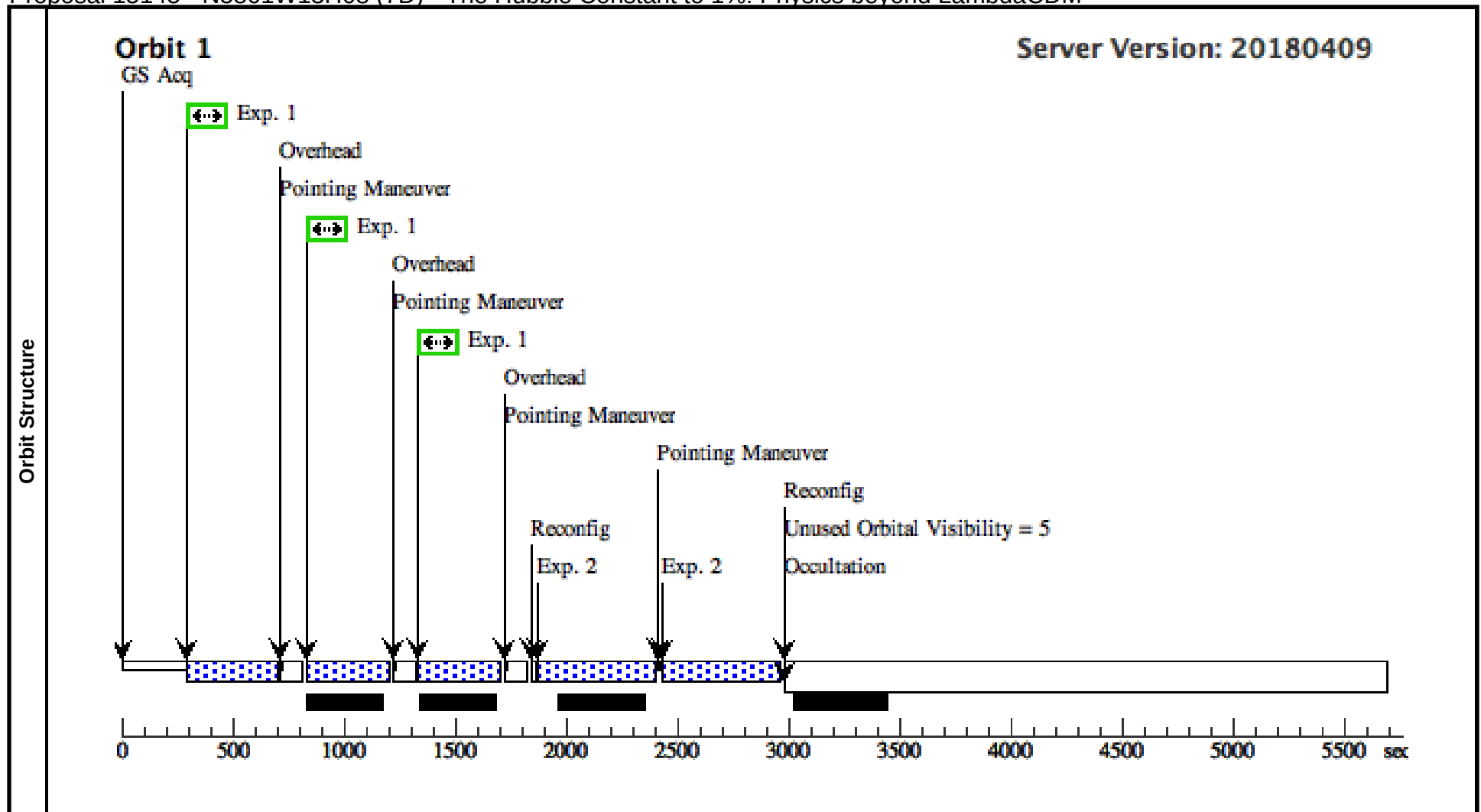
Proposal 15145 - N5861W12H07 (7C) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W12H07 (7C), completed										Wed Oct 31 15:03:58 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; AFTER 71 BY 197 D TO 201 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(8)	N5861	RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000					V=26		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W12H07 (7 C) (2)	376 Secs (1128 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]	
	2		(8) N5861	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5861W12H07 (7 C) (4)	502.936801 Secs (1005.874 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



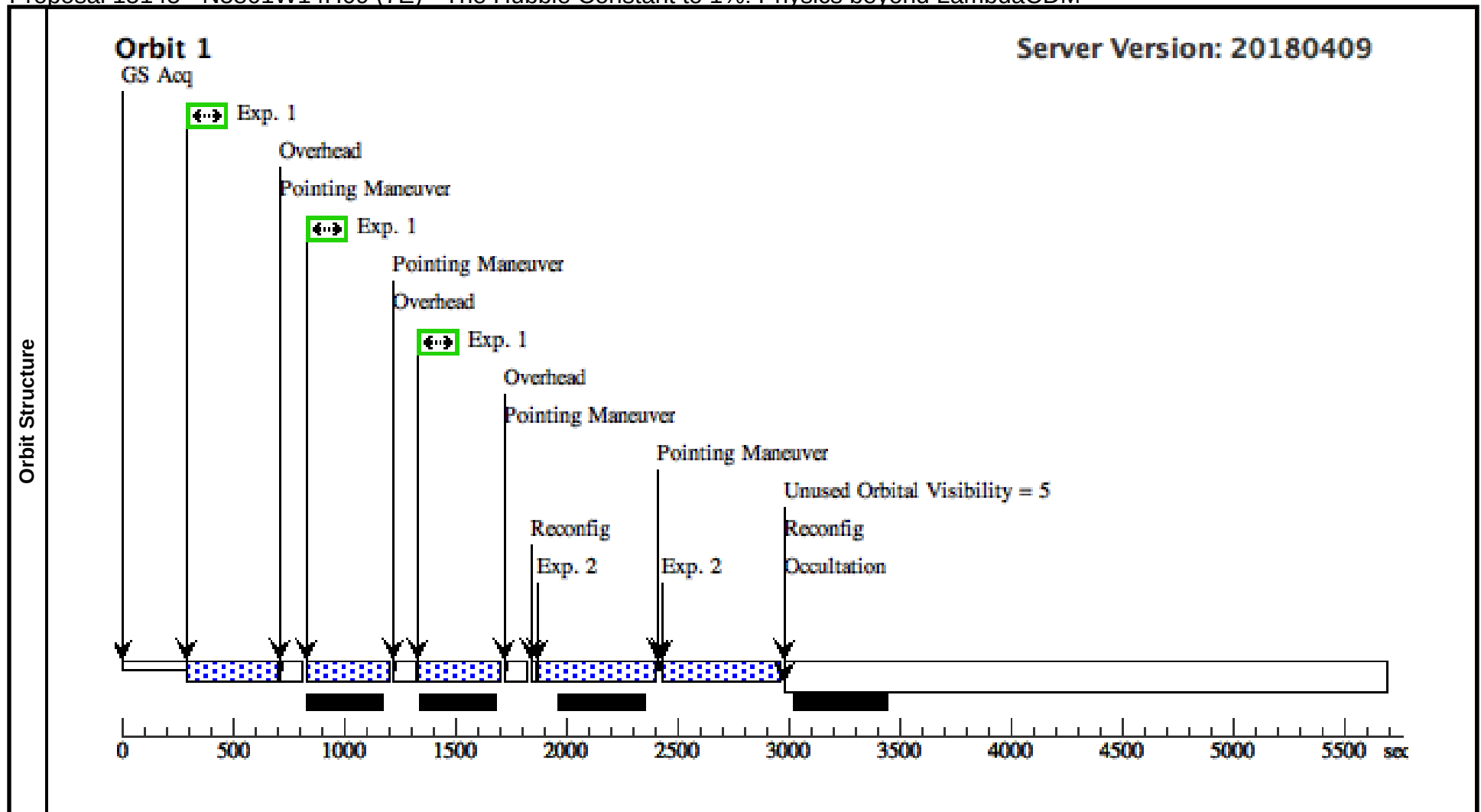
Proposal 15145 - N5861W13H08 (7D) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W13H08 (7D), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; AFTER 71 BY 245 D TO 255 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS			
Comments: Category=GALAXY Description=[SPIRAL]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W13H08 (7 D) (2)	376 Secs (1128 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(8) N5861	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5861W13H08 (7 D) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



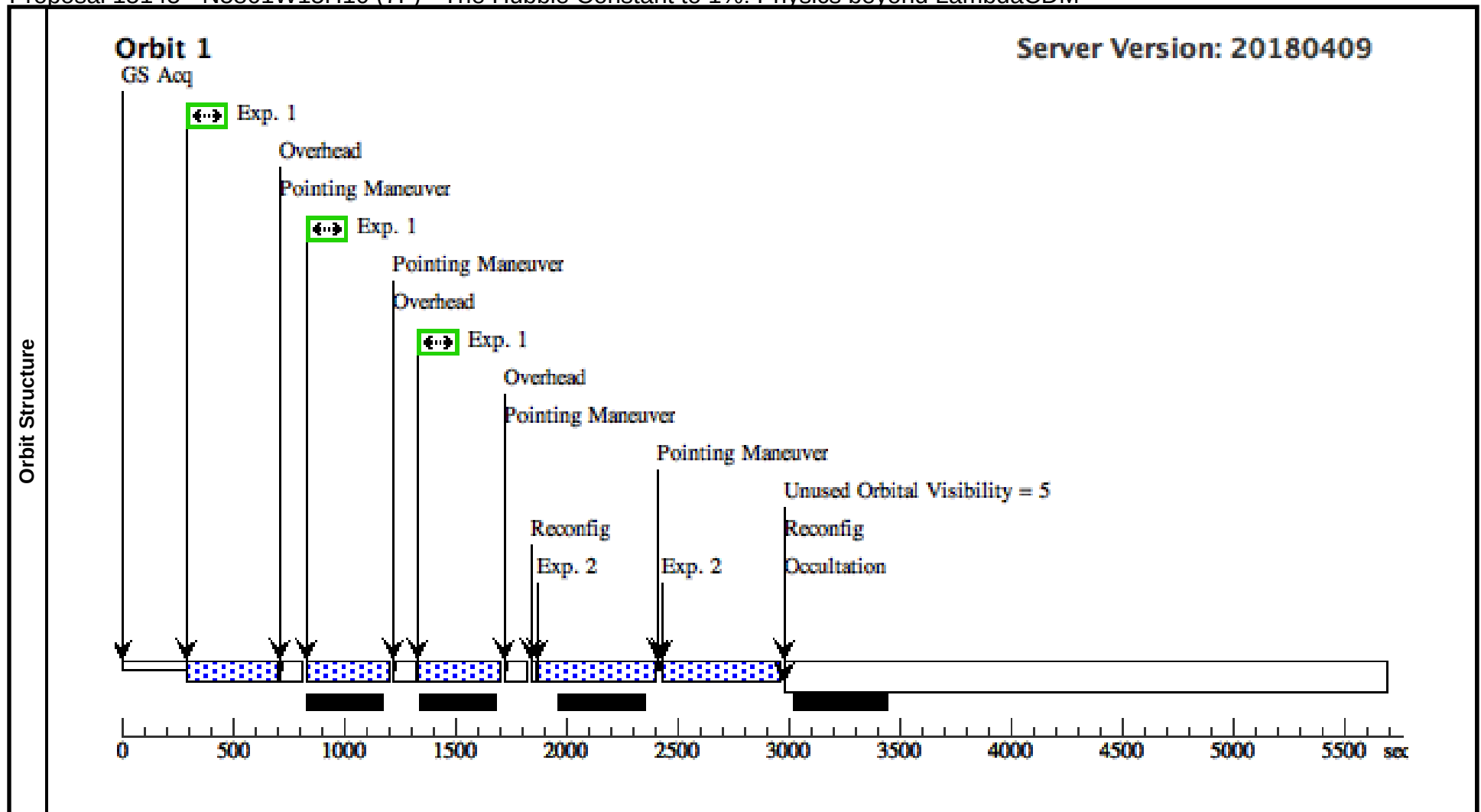
Proposal 15145 - N5861W14H09 (7E) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W14H09 (7E), implementation										Wed Oct 31 15:03:58 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; AFTER 71 BY 345 D TO 363 D										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(8)	N5861	RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N5861W14H09 (7 E) (2)	376 Secs (1128 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(8) N5861	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 4, Exps 2-2 in N5861W14H09 (7 E) (4)	502.936801 Secs (1005.874 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]



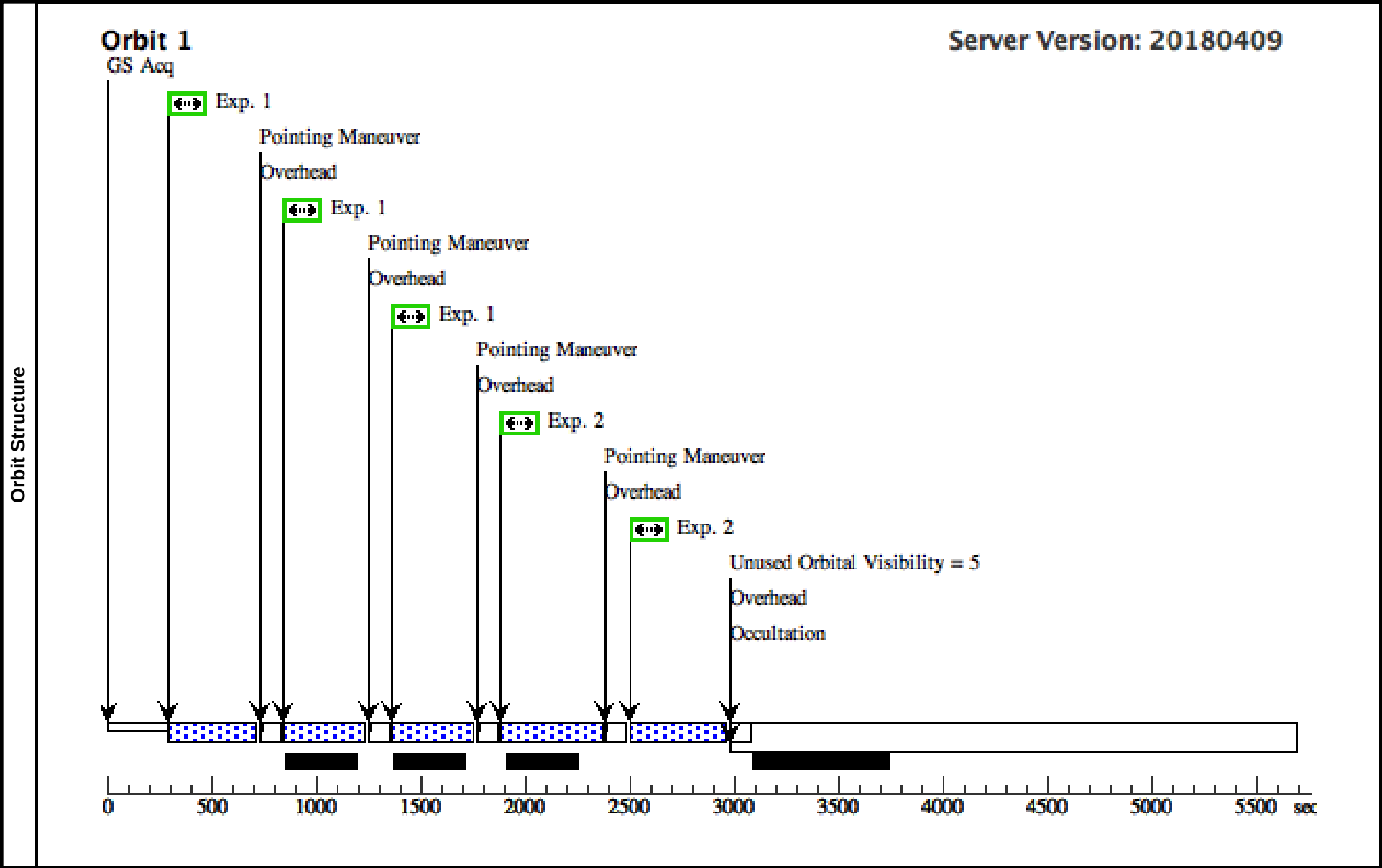
Proposal 15145 - N5861W15H10 (7F) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W15H10 (7F), implementation										Wed Oct 31 15:03:58 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 71; AFTER 71 BY 388 D TO 392 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(8)	N5861	RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000					V=26	Reference Frame: ICRS			
Comments: Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W15H10 (7 F) (2)	376 Secs (1128 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(8) N5861	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N5861W15H10 (7 F) (4)	502.936801 Secs (1005.874 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]



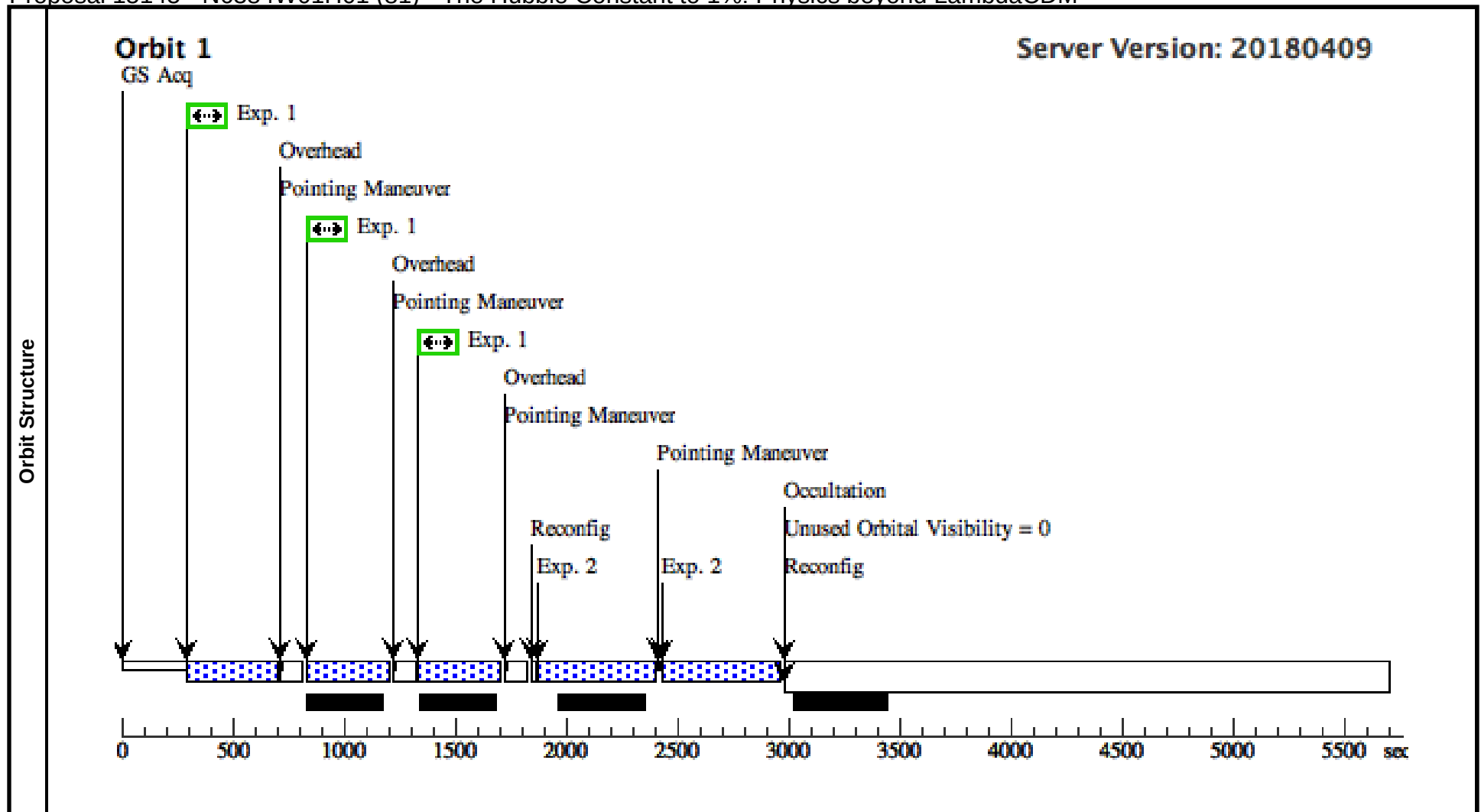
Proposal 15145 - N5861W03V01 (7G) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N5861W03V01 (7G), completed										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 7A; AFTER 7A BY 6.88 D TO 7.88 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(8)	N5861		RA: 15 09 15.5100 (227.3146250d) Dec: -11 19 4.19 (-11.31783d) Equinox: J2000				V=26		Reference Frame: ICRS			
Comments: Category=GALAXY Description=[SPIRAL]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N5861W03V01 (7 G) (2)	391 Secs (1173 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(8) N5861	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N5861W03V01 (7 G) (1)	465 Secs (930 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



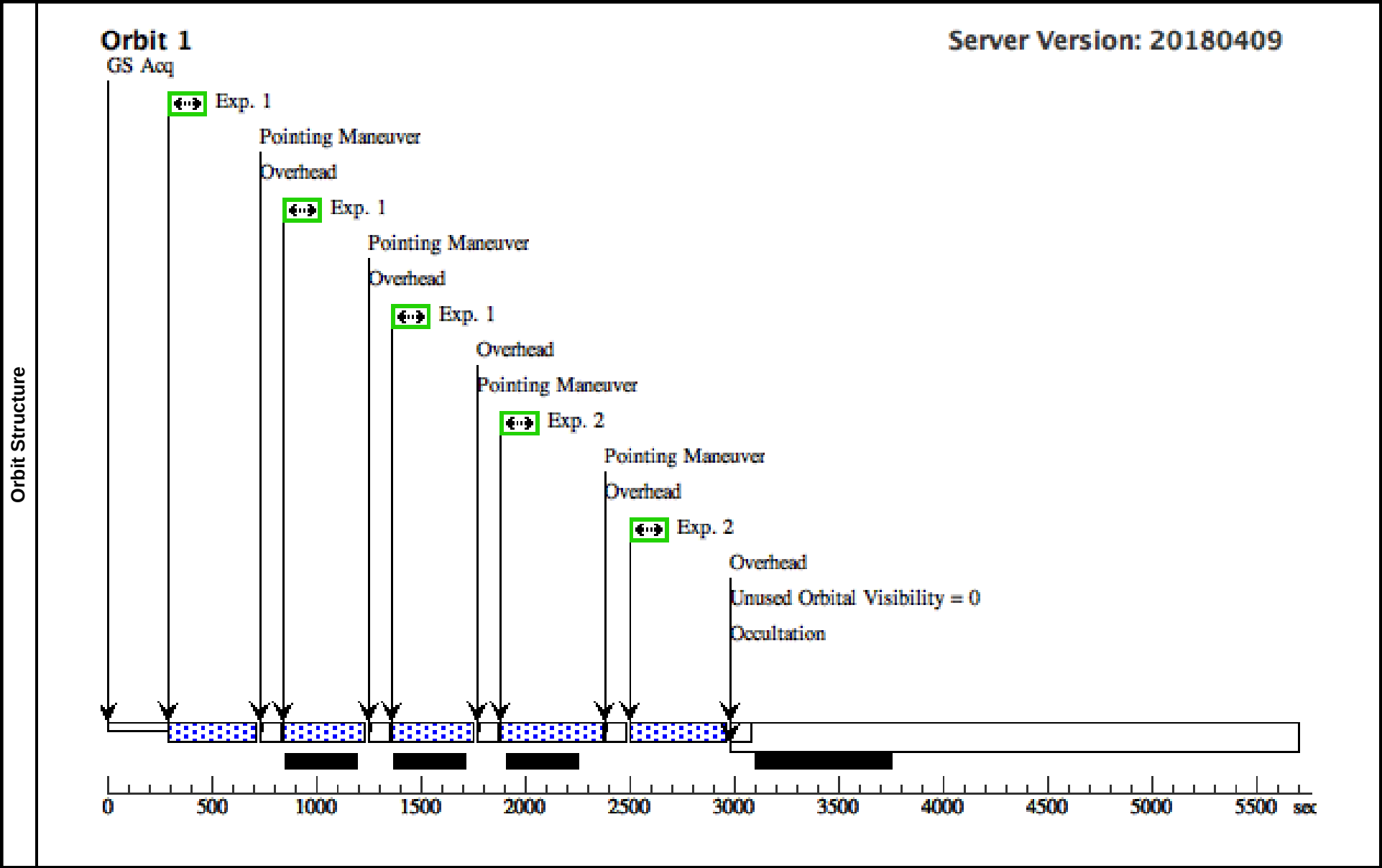
Proposal 15145 - N6384W01H01 (81) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W01H01 (81), withdrawn										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ON HOLD												
	On Hold Comments: SN 2017drh has 1 mag E(B-V)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	N6384		RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED			
	Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N6384W01H01 (81) (2)	376 Secs (1128 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]		
	2		(9) N6384	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N6384W01H01 (81) (4)	502.936801 Secs (1005.874 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]		



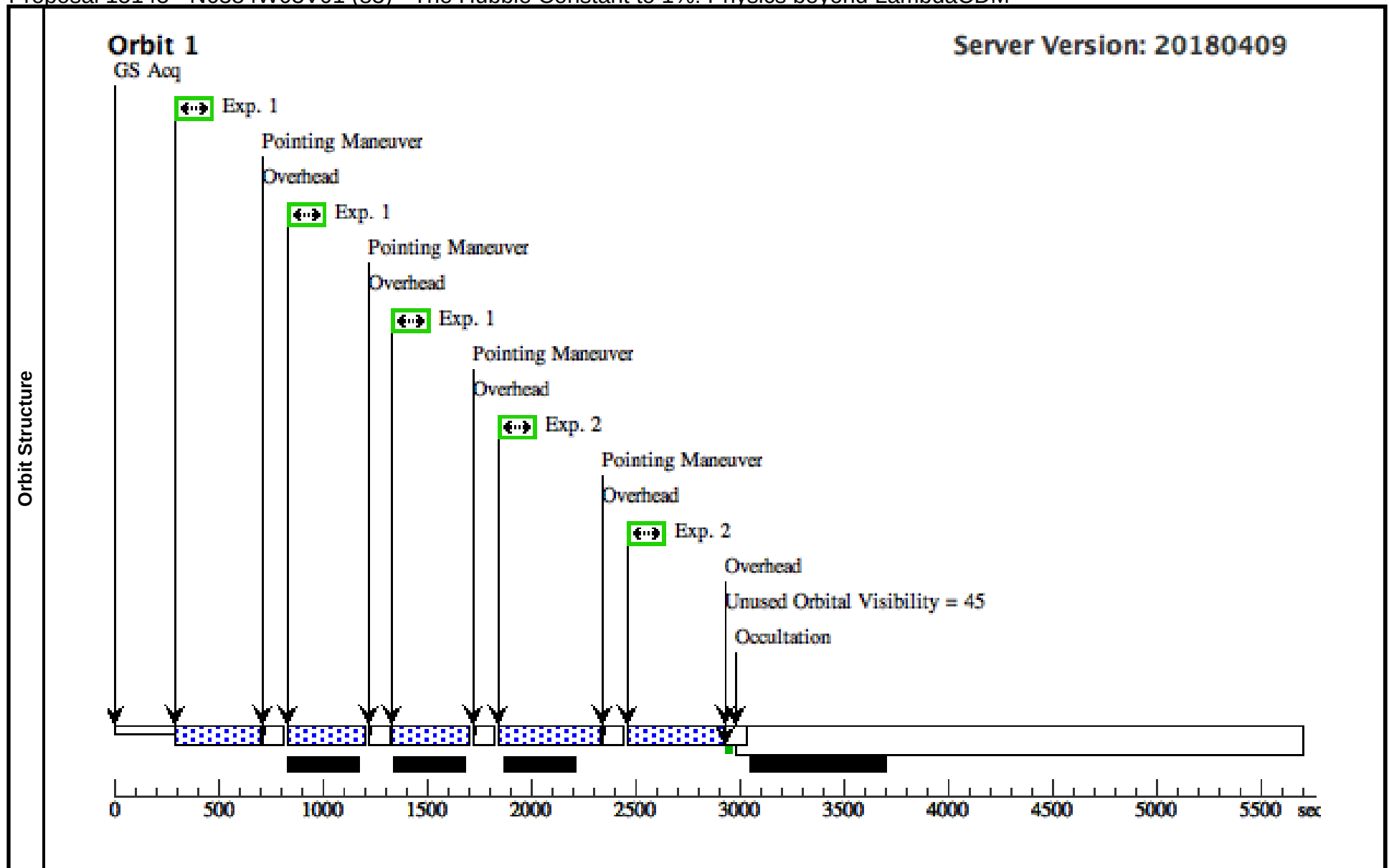
Proposal 15145 - N6384W02I01 (82) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W02I01 (82), withdrawn										Wed Oct 31 15:03:58 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 81; AFTER 81 BY 2.81 D TO 3.81 D; ON HOLD										
	On Hold Comments: SN 2017drh has 1 mag E(B-V)										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false									(2)
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false									(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	N6384	RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED		
	Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N6384W02I01 (82) (2)	391 Secs (1173 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		
											[1]
	2		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	FLASH=1			Pattern 1, Exps 2-2 in N6384W02I01 (82) (1)	465 Secs (930 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	
											[1]



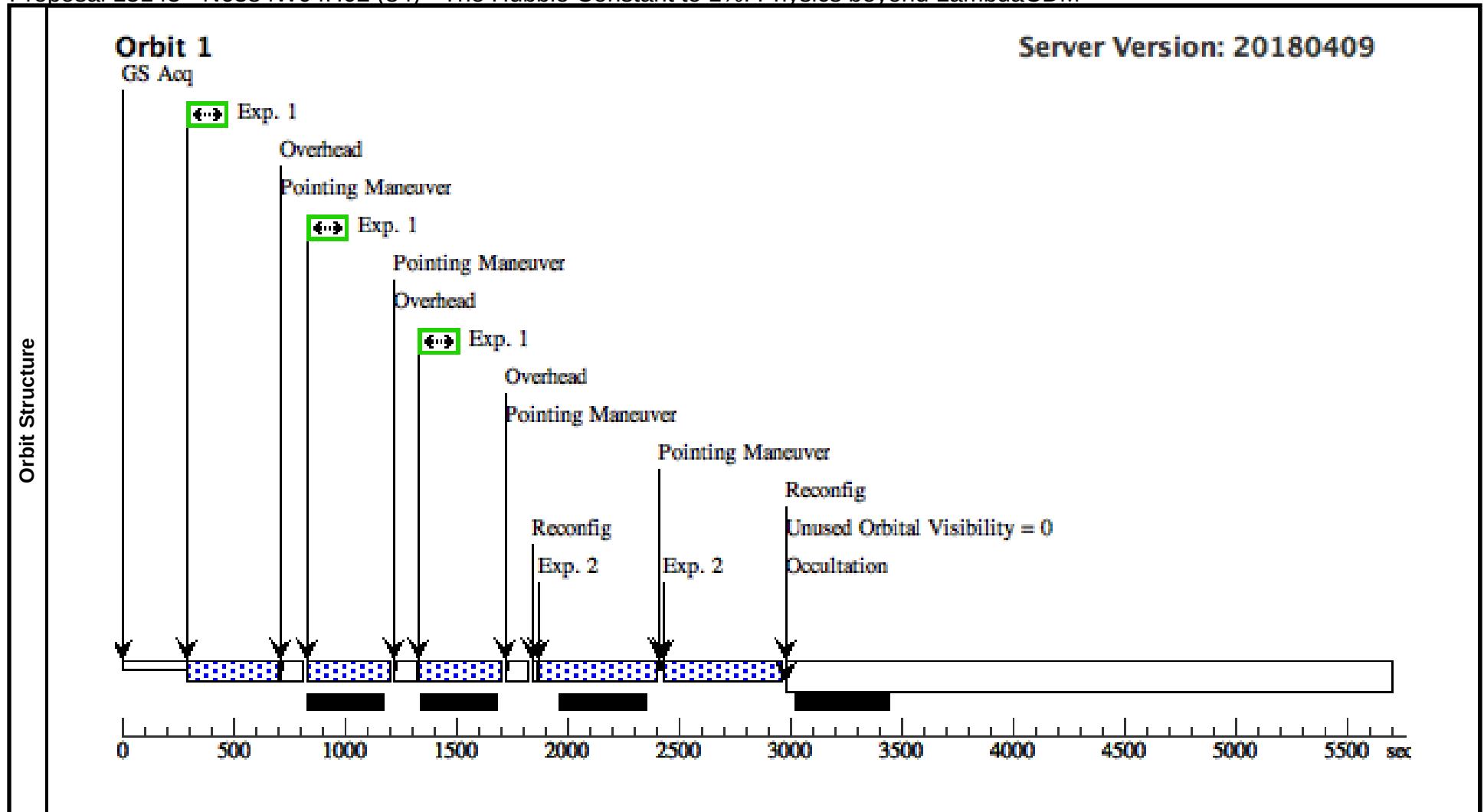
Proposal 15145 - N6384W03V01 (83) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W03V01 (83), withdrawn										Wed Oct 31 15:03:58 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 81; AFTER 81 BY 6.88 D TO 7.88 D; ON HOLD												
	On Hold Comments: SN 2017drh has 1 mag E(B-V)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=										(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	N6384		RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED			
Comments: This object was generated by the targetselector and retrieved from the NED database.													
Category=GALAXY													
Description=[SPIRAL]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N6384W03V01 (83) (2)	376 Secs (1128 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N6384W03V01 (83) (1)	465 Secs (930 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



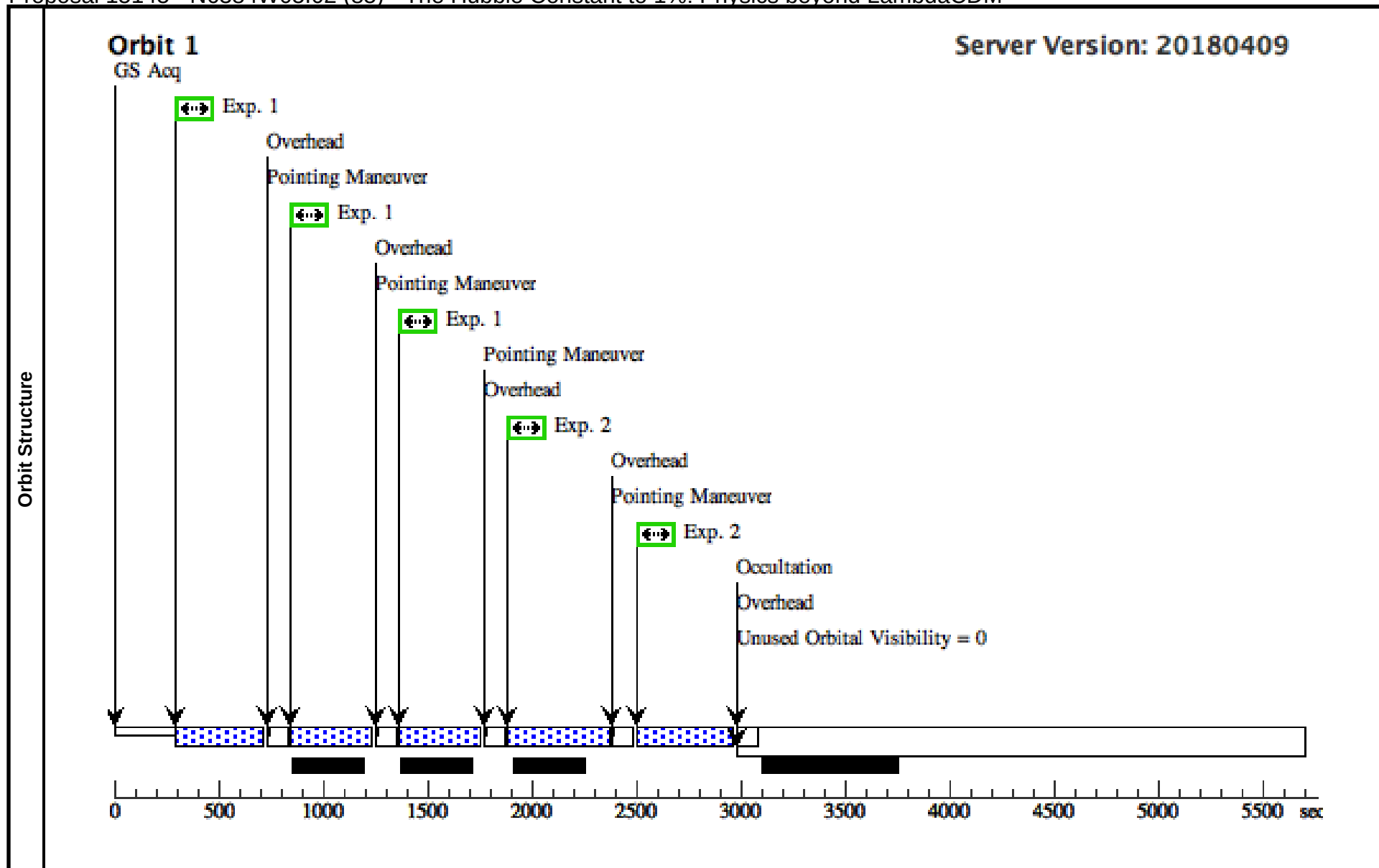
Proposal 15145 - N6384W04H02 (84) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W04H02 (84), withdrawn										Wed Oct 31 15:03:59 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 81; AFTER 81 BY 11.94 D TO 12.94 D; ON HOLD												
	On Hold Comments: SN 2017drh has 1 mag E(B-V)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	N6384		RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED			
	Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N6384W04H02 (84) (2)	376 Secs (1128 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(9) N6384	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N6384W04H02 (84) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]		



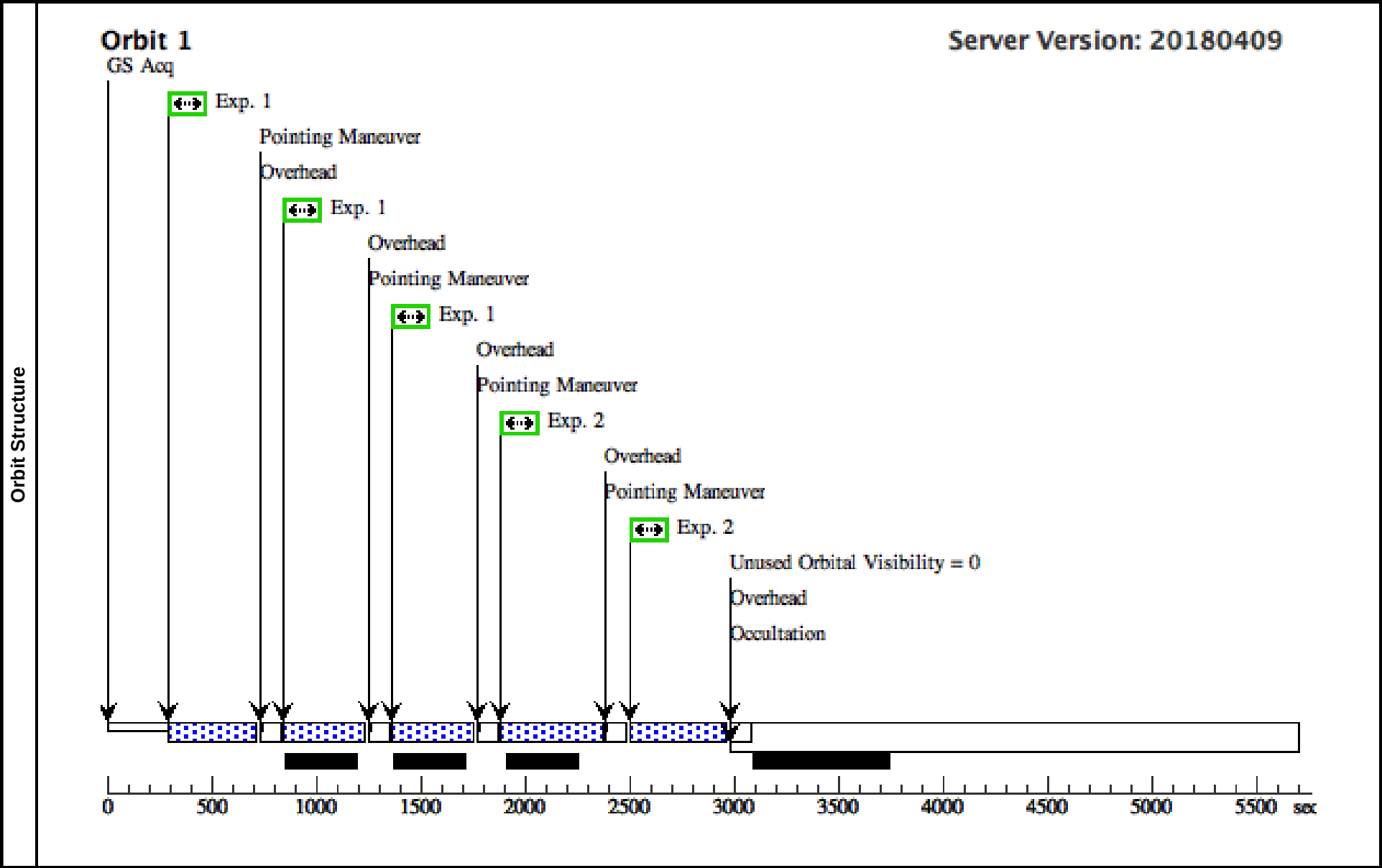
Proposal 15145 - N6384W05I02 (85) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W05I02 (85), withdrawn										Wed Oct 31 15:03:59 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 81; AFTER 81 BY 18.28 D TO 19.28 D; ON HOLD										
	On Hold Comments: SN 2017drh has 1 mag E(B-V)										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false									(2)
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false									(1)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	N6384	RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED		
	Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N6384W05I02 (85) (2)	391 Secs (1173 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	FLASH=1		Pattern 1, Exps 2-2 in N6384W05I02 (85) (1)	465 Secs (930 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]



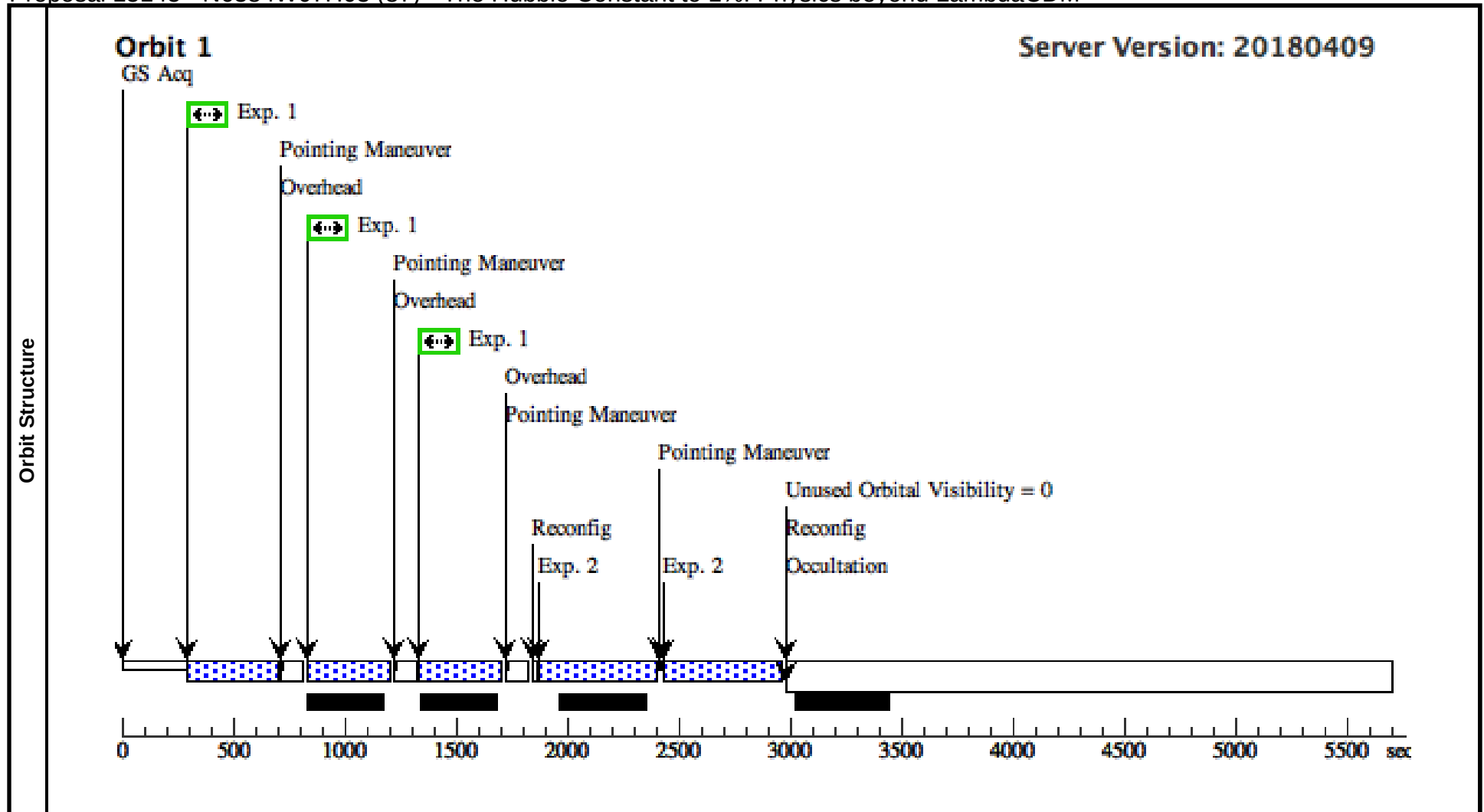
Proposal 15145 - N6384W06V02 (86) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W06V02 (86), withdrawn										Wed Oct 31 15:03:59 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 81; AFTER 81 BY 26.28 D TO 27.28 D; ON HOLD												
	On Hold Comments: SN 2017drh has 1 mag E(B-V)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	N6384		RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED			
	Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N6384W06V02 (86) (2)	391 Secs (1173 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N6384W06V02 (86) (1)	465 Secs (930 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



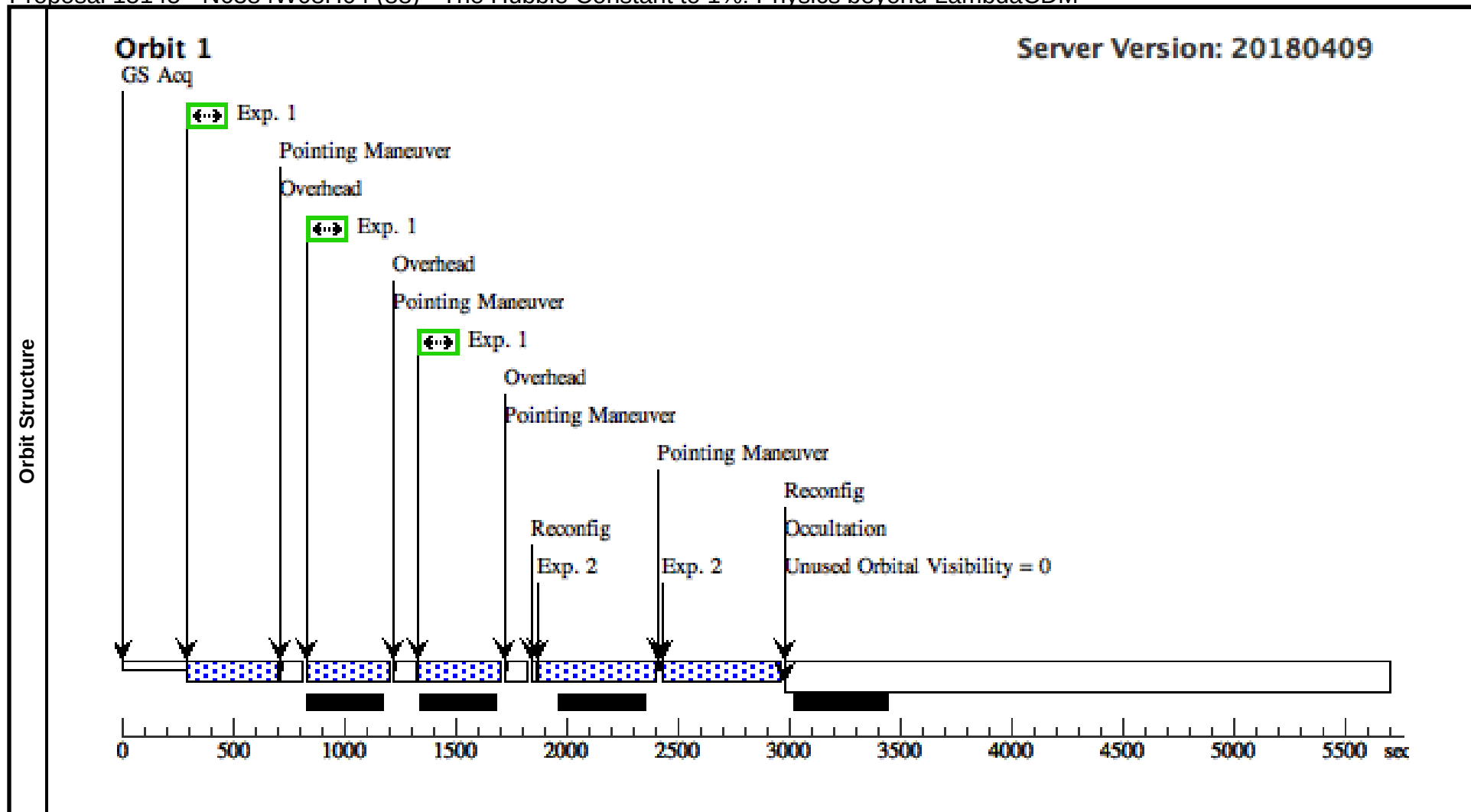
Proposal 15145 - N6384W07H03 (87) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W07H03 (87), withdrawn										Wed Oct 31 15:03:59 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 81; AFTER 81 BY 36.51 D TO 37.51 D; ON HOLD											
	On Hold Comments: SN 2017drh has 1 mag E(B-V)											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	N6384	RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED			
Comments: This object was generated by the targetselector and retrieved from the NED database.												
Category=GALAXY												
Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N6384W07H03 (87) (2)	376 Secs (1128 Secs)			
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(9) N6384	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N6384W07H03 (87) (4)	502.936801 Secs (1005.874 Secs)			
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



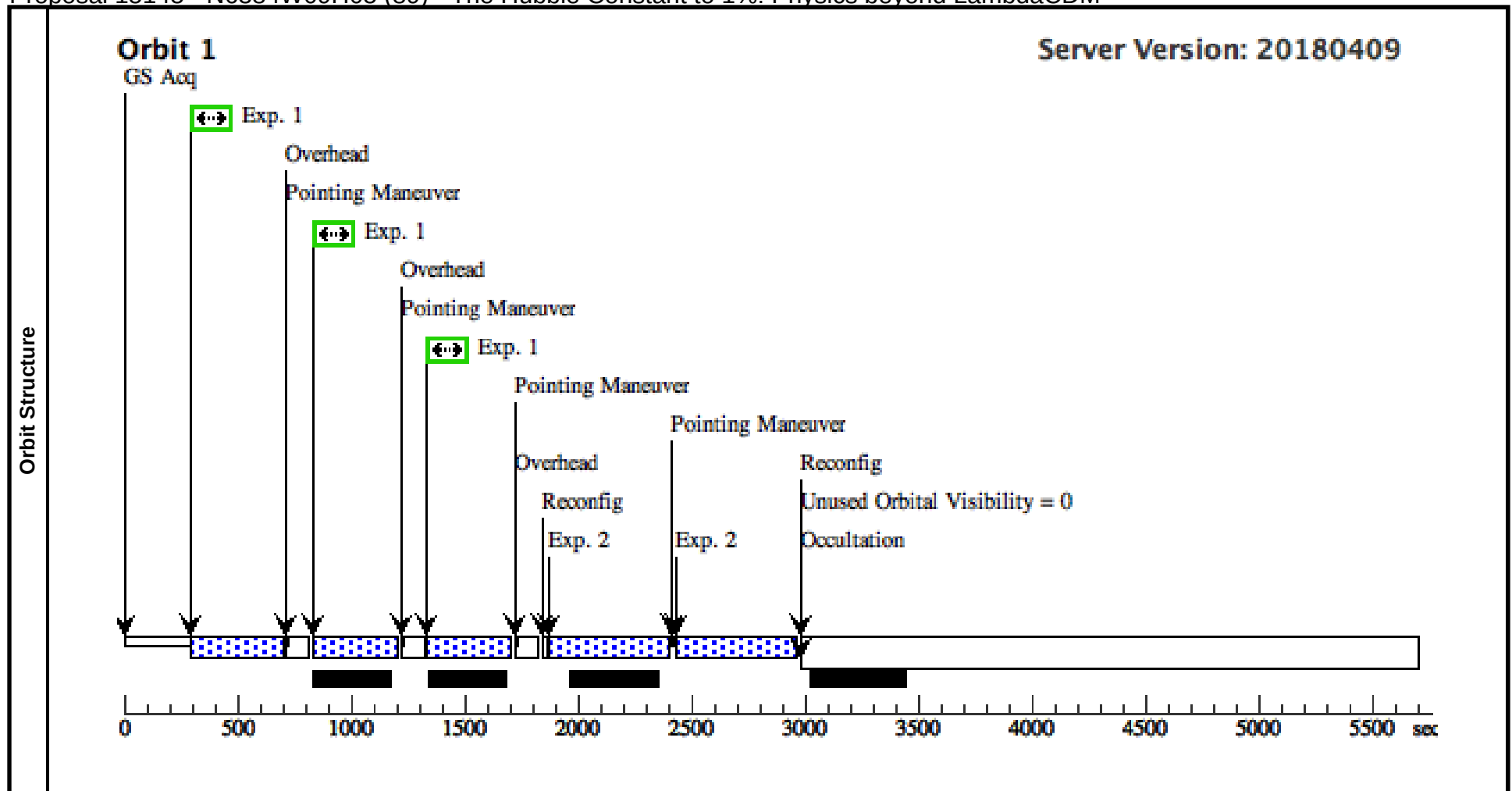
Proposal 15145 - N6384W08H04 (88) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W08H04 (88), withdrawn										Wed Oct 31 15:03:59 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 81; AFTER 81 BY 49.69 D TO 50.69 D; ON HOLD										
	On Hold Comments: SN 2017drh has 1 mag E(B-V)										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	N6384	RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED		
Comments: This object was generated by the targetselector and retrieved from the NED database.											
Category=GALAXY											
Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N6384W08H04 (88) (2)	376 Secs (1128 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(9) N6384	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 4, Exps 2-2 in N6384W08H04 (88) (4)	502.936801 Secs (1005.874 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]



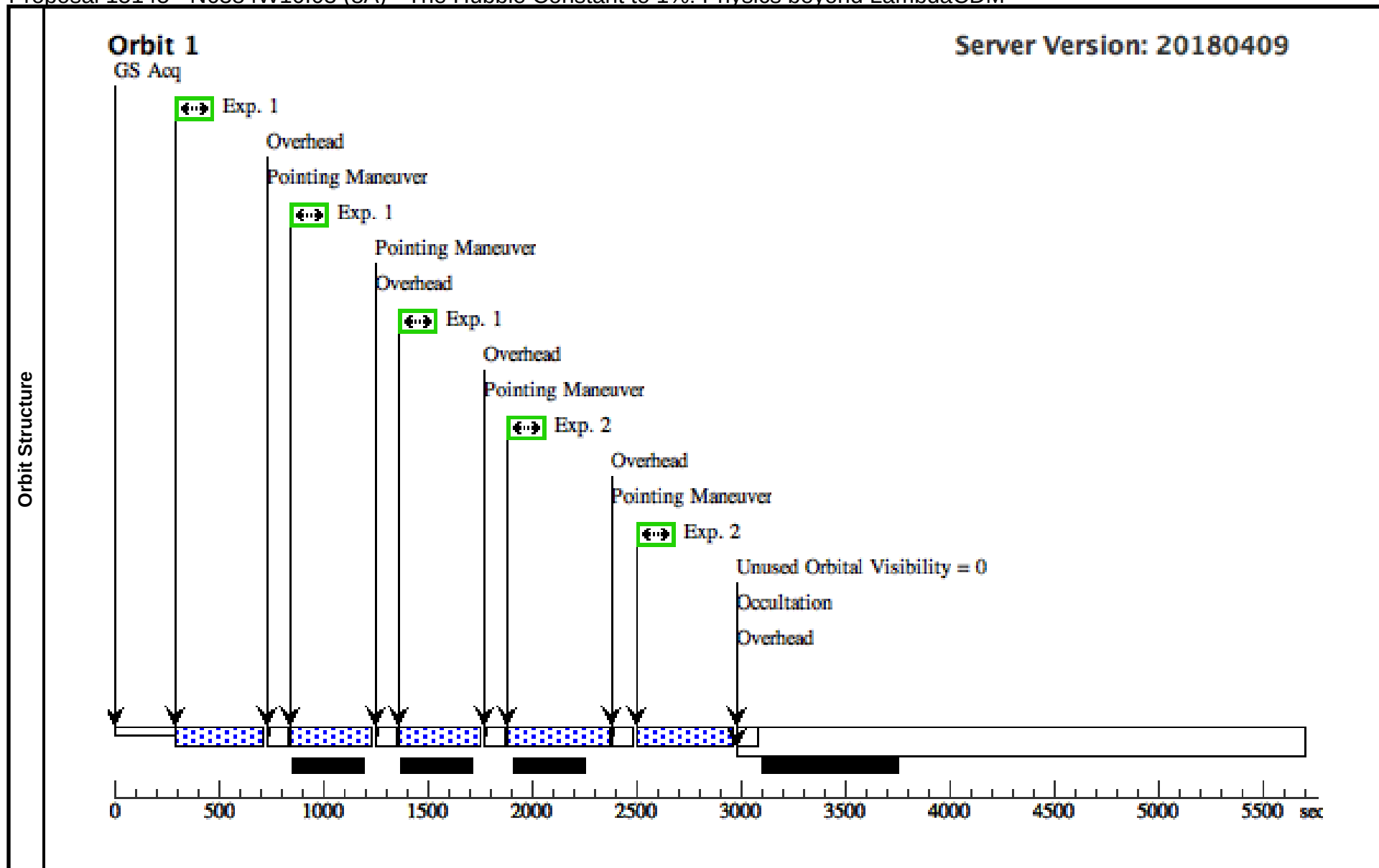
Proposal 15145 - N6384W09H05 (89) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W09H05 (89), withdrawn										Wed Oct 31 15:03:59 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; AFTER 81 BY 66.86 D TO 67.86 D; ON HOLD												
	On Hold Comments: SN 2017drh has 1 mag E(B-V)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false										(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	N6384		RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED			
Comments: This object was generated by the targetselector and retrieved from the NED database.													
Category=GALAXY													
Description=[SPIRAL]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N6384W09H05 (89) (2)	376 Secs (1128 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(9) N6384	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N6384W09H05 (89) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



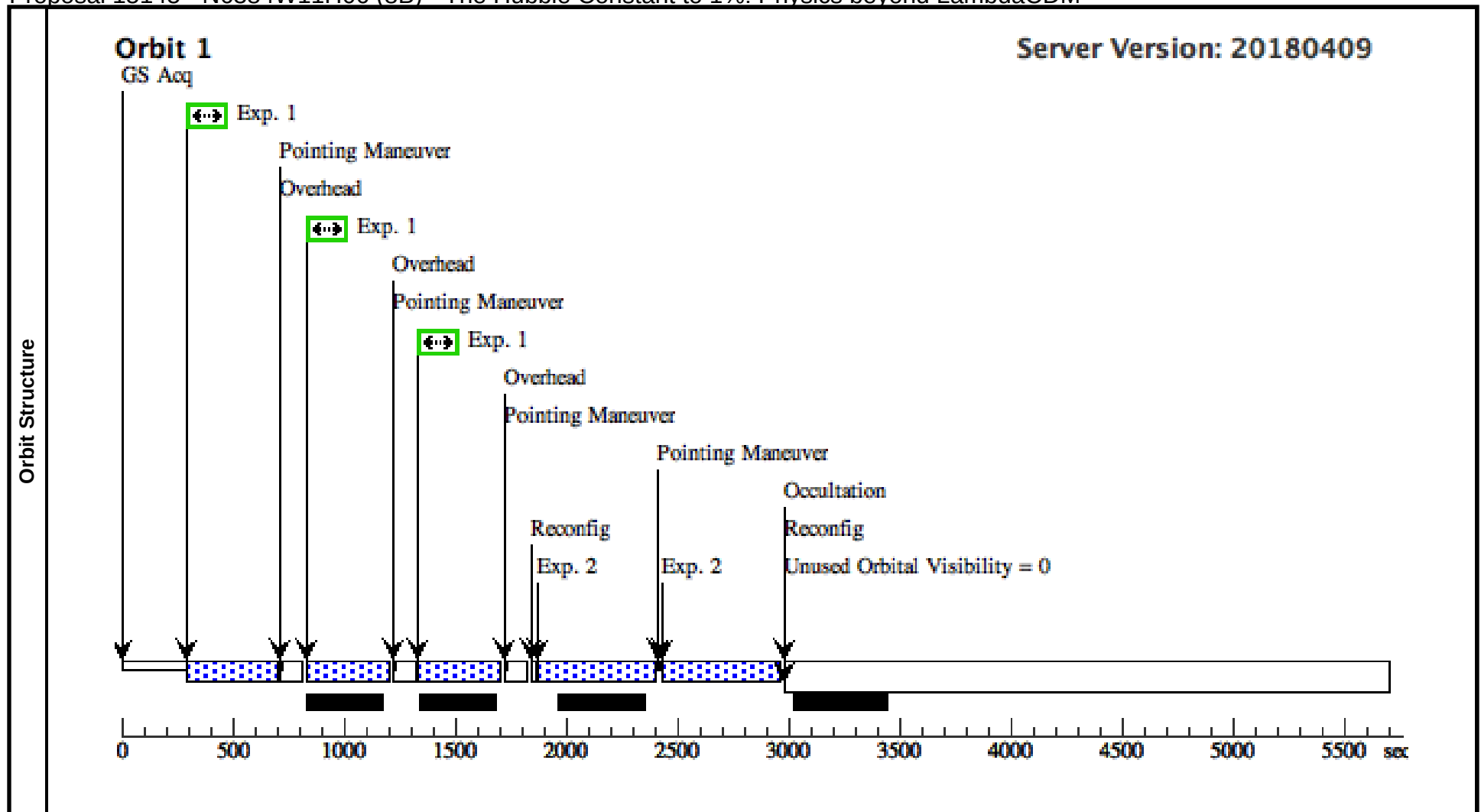
Proposal 15145 - N6384W10I03 (8A) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W10I03 (8A), withdrawn										Wed Oct 31 15:03:59 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 89; AFTER 81 BY 89.5 D TO 90.5 D; ON HOLD												
	On Hold Comments: SN 2017drh has 1 mag E(B-V)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	N6384		RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED			
	Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N6384W10I03 (8A) (2)	391 Secs (1173 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]		
	2		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W	FLASH=1		Pattern 1, Exps 2-2 in N6384W10I03 (8A) (1)	465 Secs (930 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]		



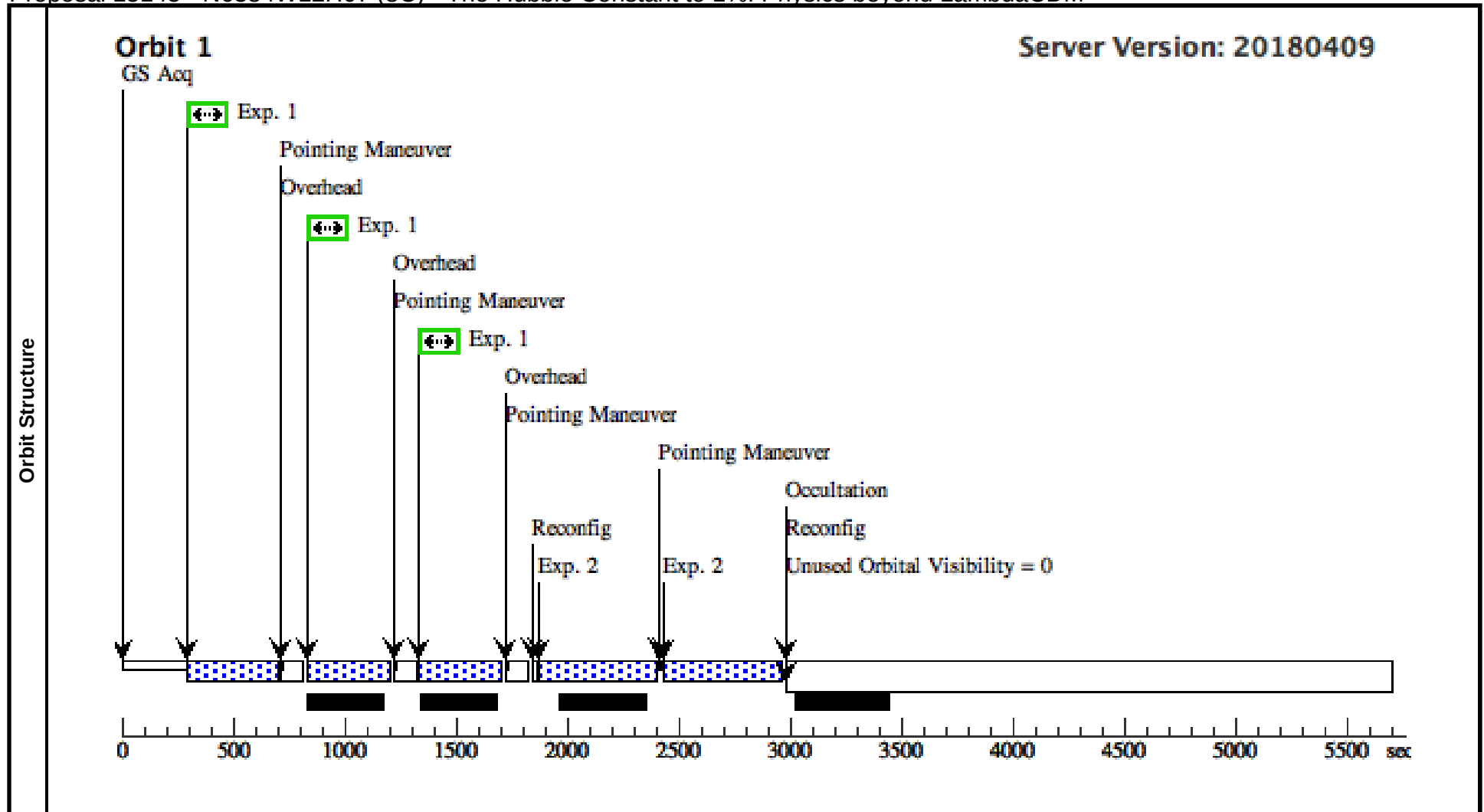
Proposal 15145 - N6384W11H06 (8B) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W11H06 (8B), withdrawn										Wed Oct 31 15:03:59 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; AFTER 81 BY 135 D TO 139 D; ON HOLD										
	On Hold Comments: SN 2017drh has 1 mag E(B-V)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	N6384	RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000 <i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> Category=GALAXY Description=[SPIRAL]				V=26		Reference Frame: NED		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N6384W11H06 (8 B) (2)	376 Secs (1128 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]		[1]
	2		(9) N6384	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N6384W11H06 (8 B) (4)	502.936801 Secs (1005.874 Secs) [=>(Pattern 1)] [=>(Pattern 2)]		[1]



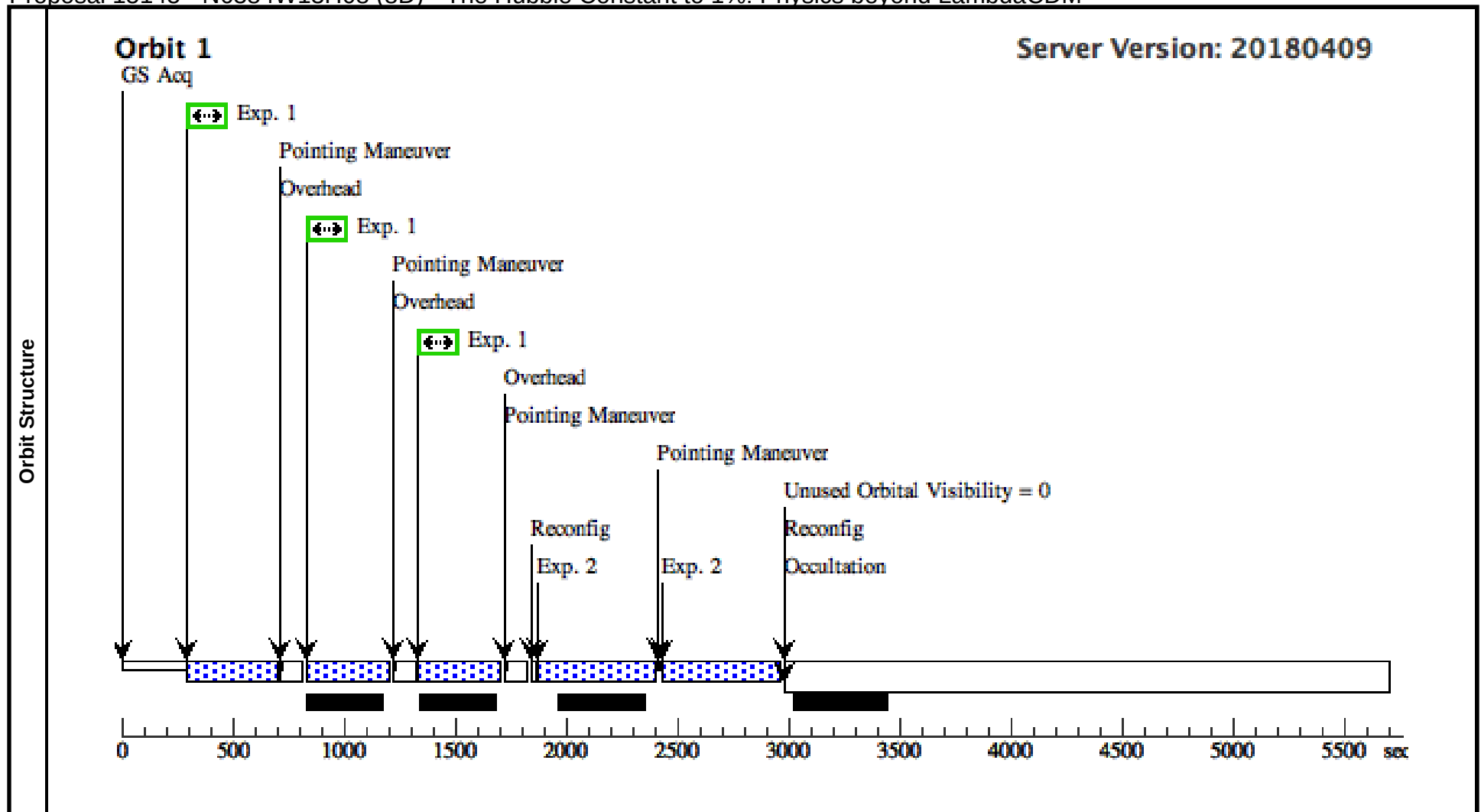
Proposal 15145 - N6384W12H07 (8C) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W12H07 (8C), withdrawn										Wed Oct 31 15:03:59 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; AFTER 81 BY 197 D TO 201 D; ON HOLD												
	On Hold Comments: SN 2017drh has 1 mag E(B-V)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	N6384		RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED			
Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[SPIRAL]													
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N6384W12H07 (8 C) (2)	376 Secs (1128 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(9) N6384	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N6384W12H07 (8 C) (4)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



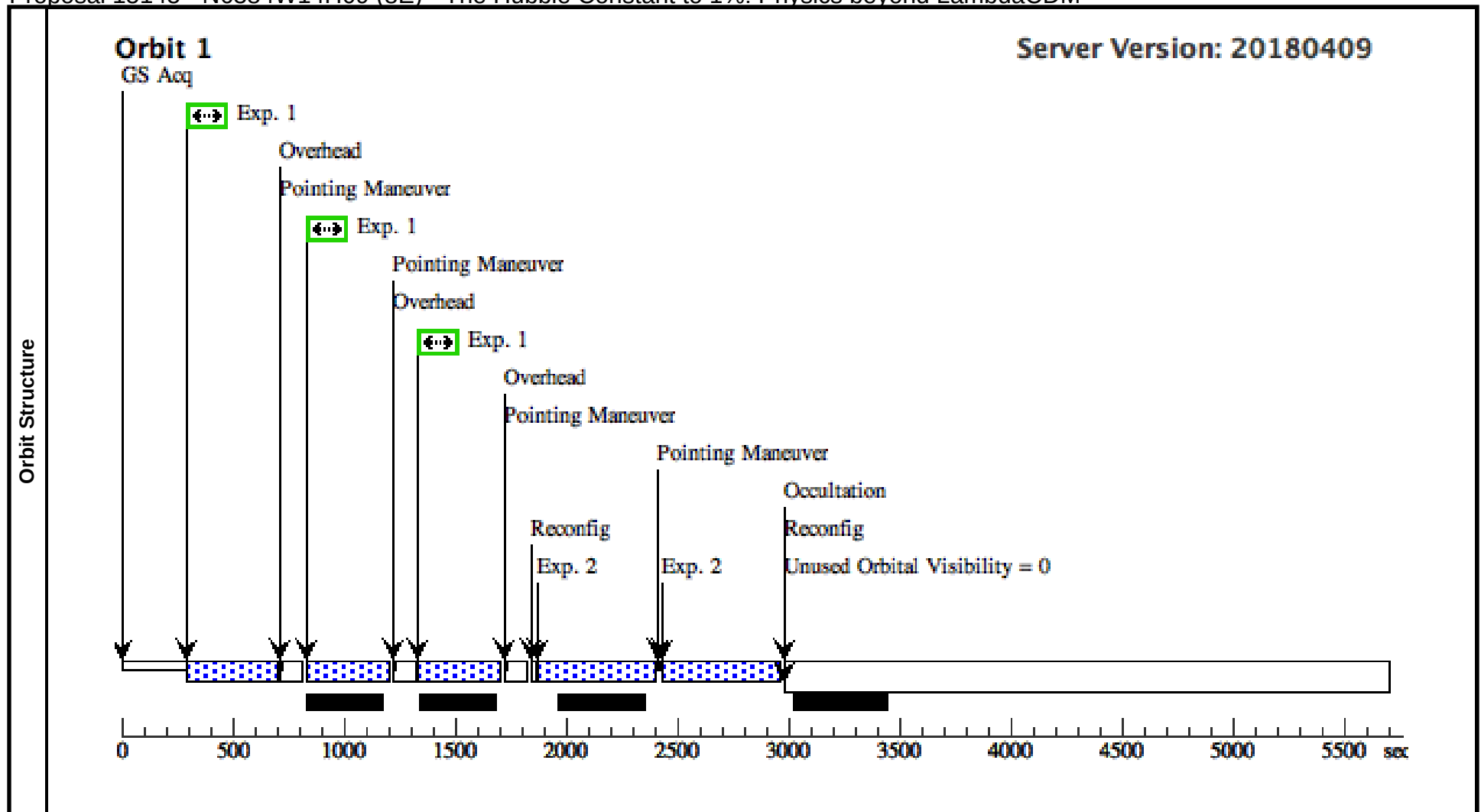
Proposal 15145 - N6384W13H08 (8D) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W13H08 (8D), withdrawn					Wed Oct 31 15:03:59 GMT 2018					
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; AFTER 81 BY 253 D TO 257 D; ON HOLD										
	On Hold Comments: SN 2017drh has 1 mag E(B-V)										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false						(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	N6384	RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED		
Comments: This object was generated by the targetselector and retrieved from the NED database.											
Category=GALAXY											
Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N6384W13H08 (8 D) (2)	376 Secs (1128 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(9) N6384	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50			Pattern 4, Exps 2-2 in N6384W13H08 (8 D) (4)	502.936801 Secs (1005.874 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]



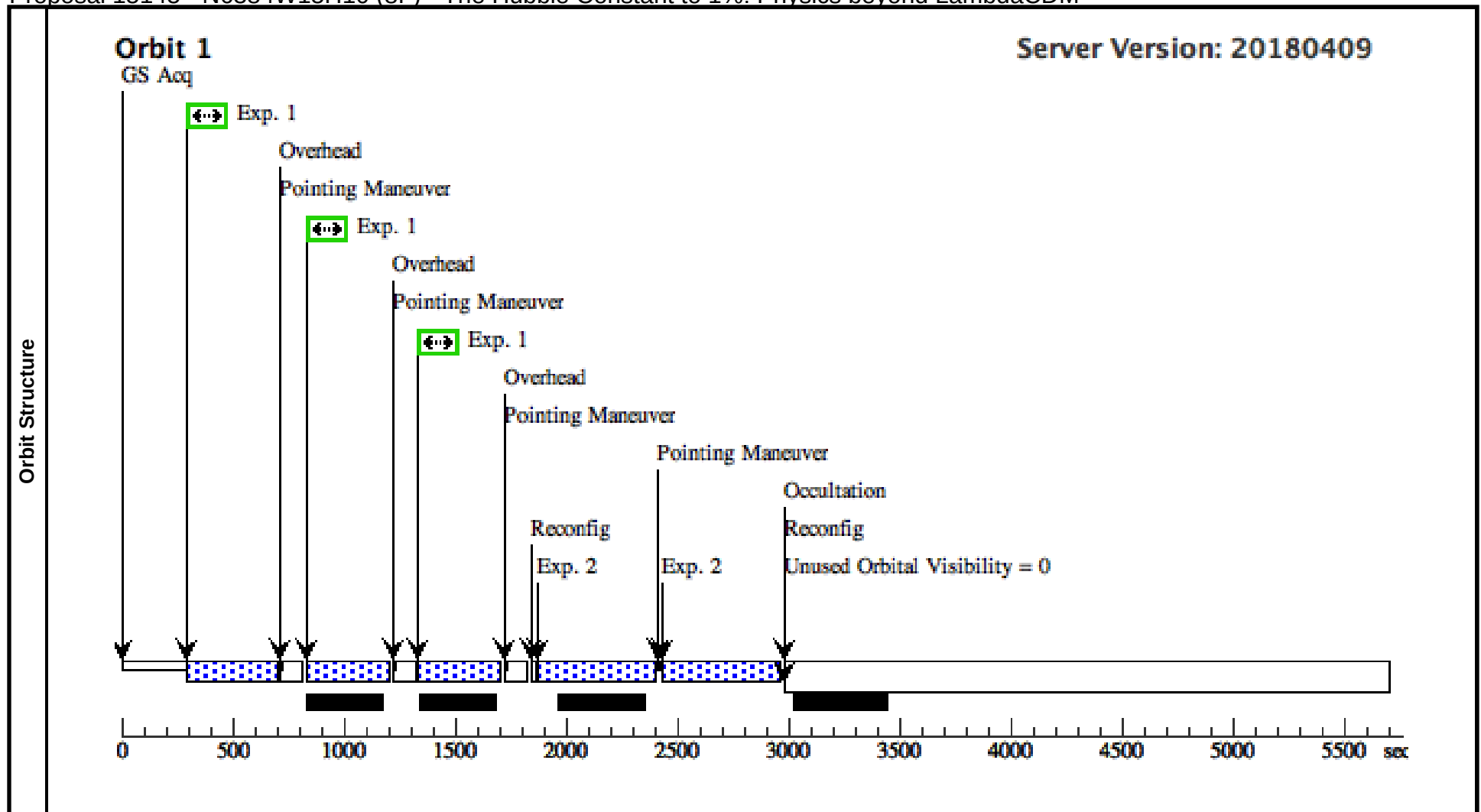
Proposal 15145 - N6384W14H09 (8E) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N6384W14H09 (8E), withdrawn										Wed Oct 31 15:03:59 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; AFTER 81 BY 348 D TO 352 D; ON HOLD												
	On Hold Comments: SN 2017drh has 1 mag E(B-V)												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	N6384		RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000				V=26		Reference Frame: NED			
	Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N6384W14H09 (8 E) (2)	376 Secs (1128 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(9) N6384	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N6384W14H09 (8 E) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[1]	



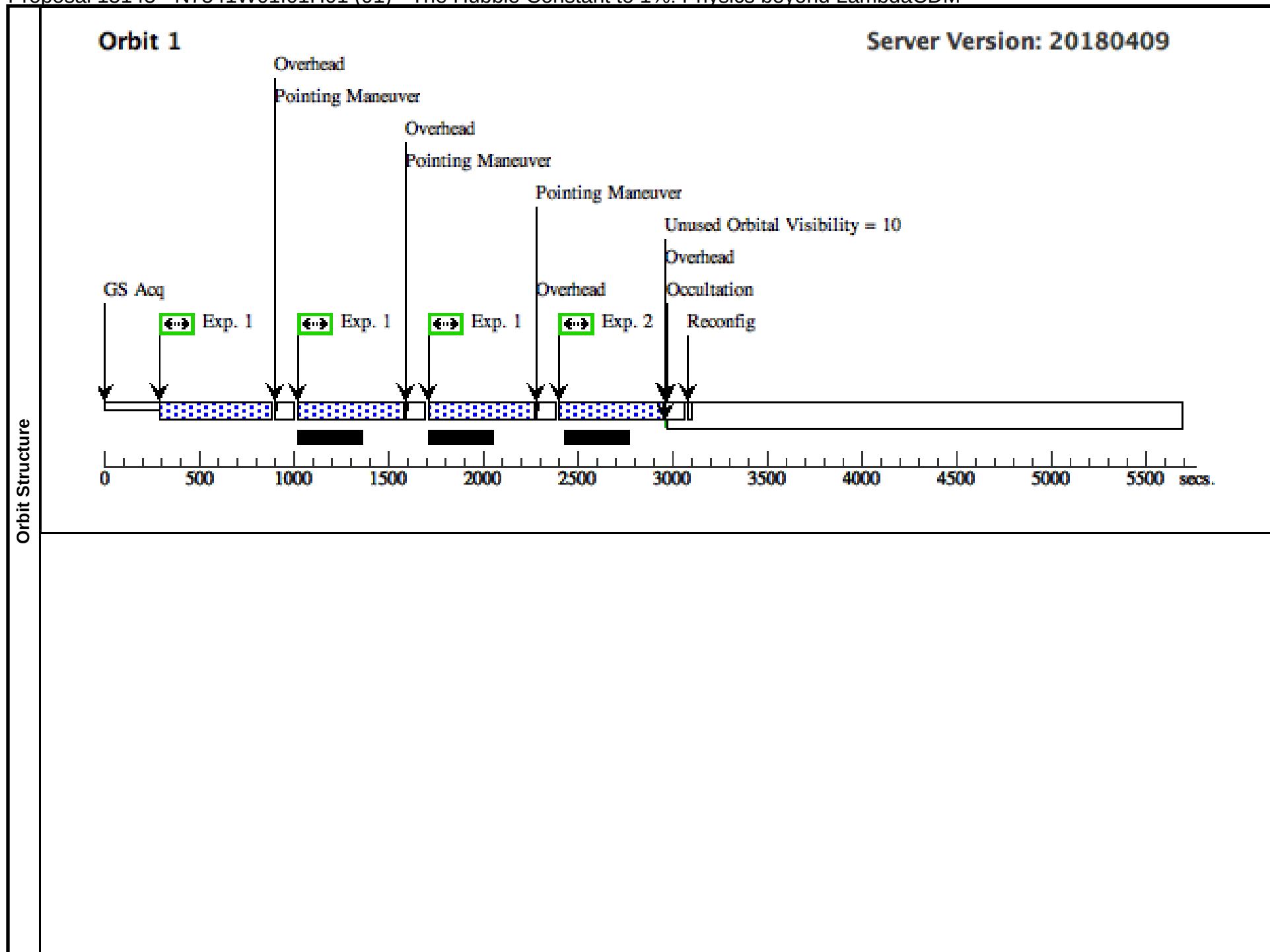
Proposal 15145 - N6384W15H10 (8F) - The Hubble Constant to 1%: Physics beyond LambdaCDM

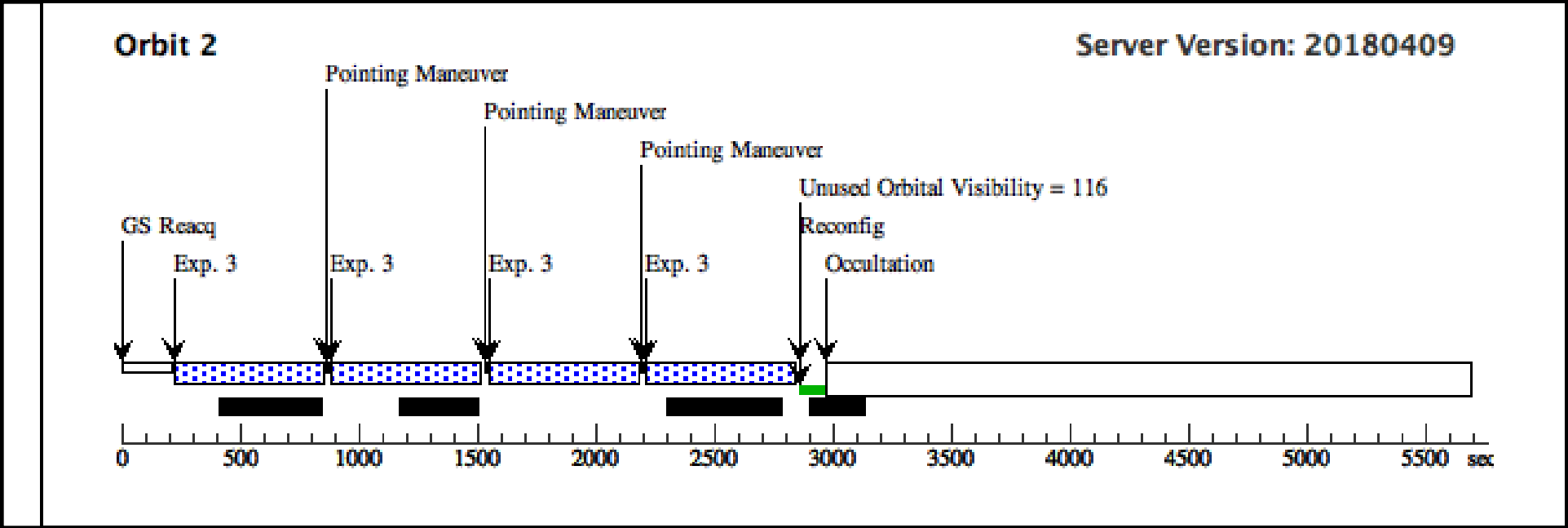
Visit	Proposal 15145, N6384W15H10 (8F), withdrawn					Wed Oct 31 15:03:59 GMT 2018				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; SAME ORIENT AS 81; AFTER 81 BY 388 D TO 392 D; ON HOLD									
	On Hold Comments: SN 2017drh has 1 mag E(B-V)									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1)			
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(9)	N6384	RA: 17 32 22.5031 (263.0937629d) Dec: +07 04 11.55 (7.06987d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the NED database. Category=GALAXY Description=[SPIRAL]		V=26	Reference Frame: NED				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(9) N6384	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N6384W15H10 (8 F) (2)	376 Secs (1128 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(9) N6384	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N6384W15H10 (8 F) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 15145 - N7541W01I01H01 (91) - The Hubble Constant to 1%: Physics beyond LambdaCDM

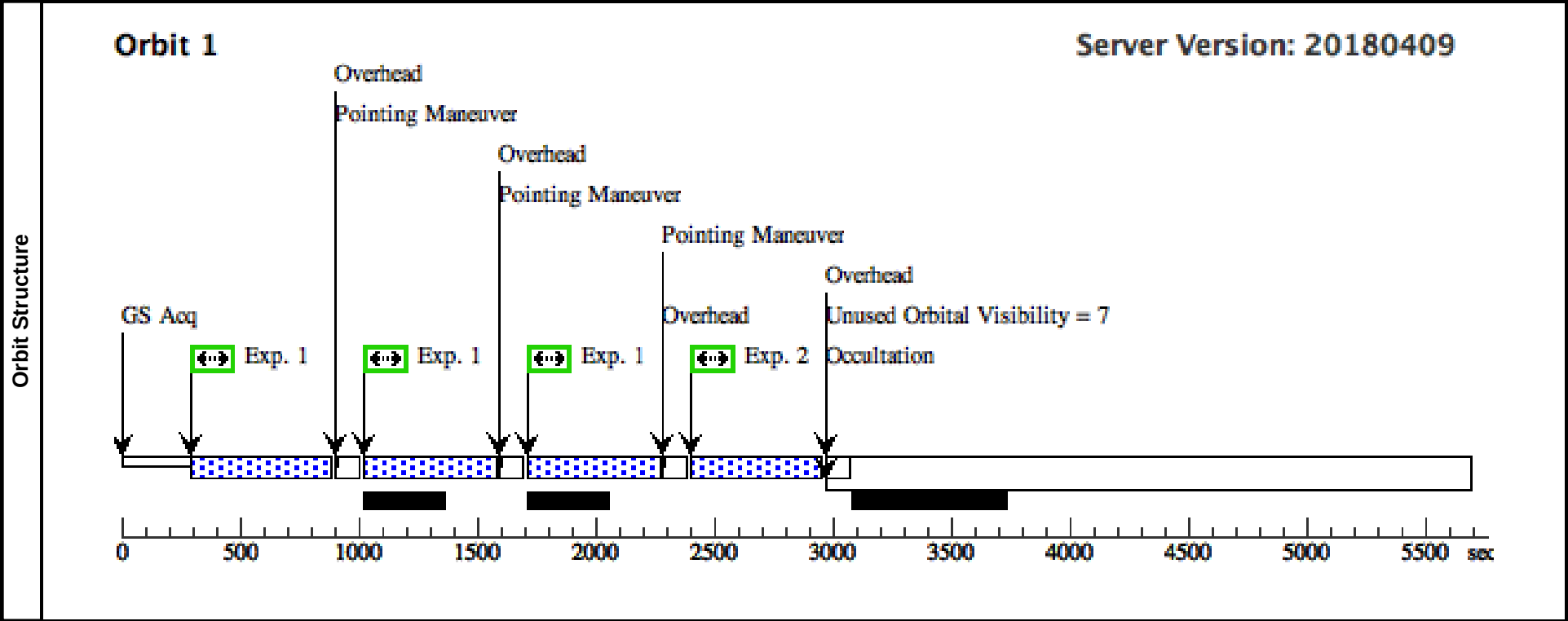
Visit	Proposal 15145, N7541W01I01H01 (91), completed										Wed Oct 31 15:03:59 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; ORIENT 92D TO 100 D										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false									(1)
	(5)	Pattern Type=WFC3-IR-DITHER- BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365 Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false									(3)
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(10)	N7541	RA: 23 14 43.8570 (348.6827375d) Dec: +04 32 2.04 (4.53390d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 i n N7541W01I01H01 (91) (2)	563 Secs (1689 Secs)		
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		[1]
	2		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				531 Secs (531 Secs)		
								[==>]		[1]	
3		(10) N7541	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W		NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N7541W01I01H01 (91) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
									[==>(Pattern 4)]		[2]





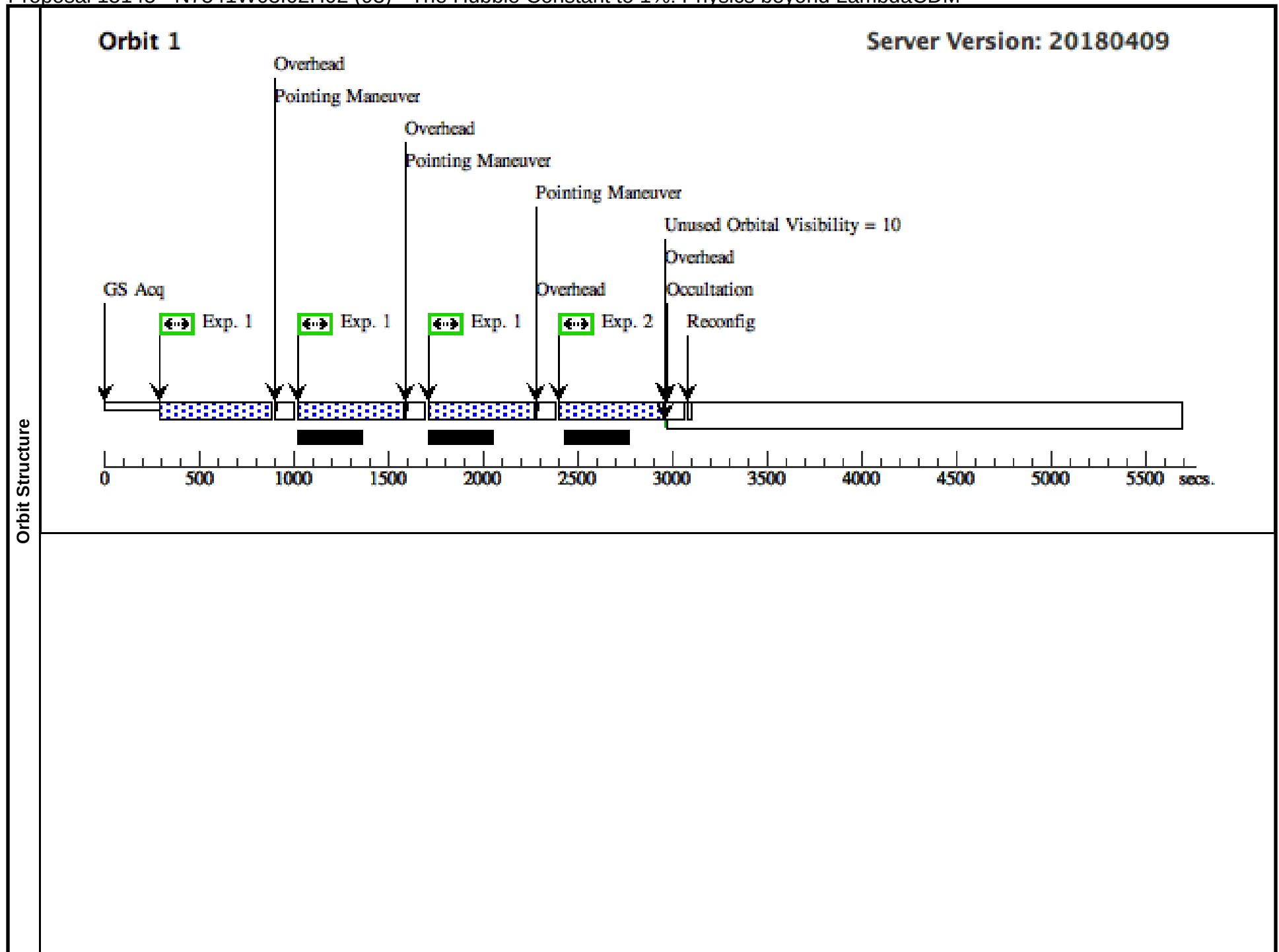
Proposal 15145 - N7541W02V01 (92) - The Hubble Constant to 1%: Physics beyond LambdaCDM

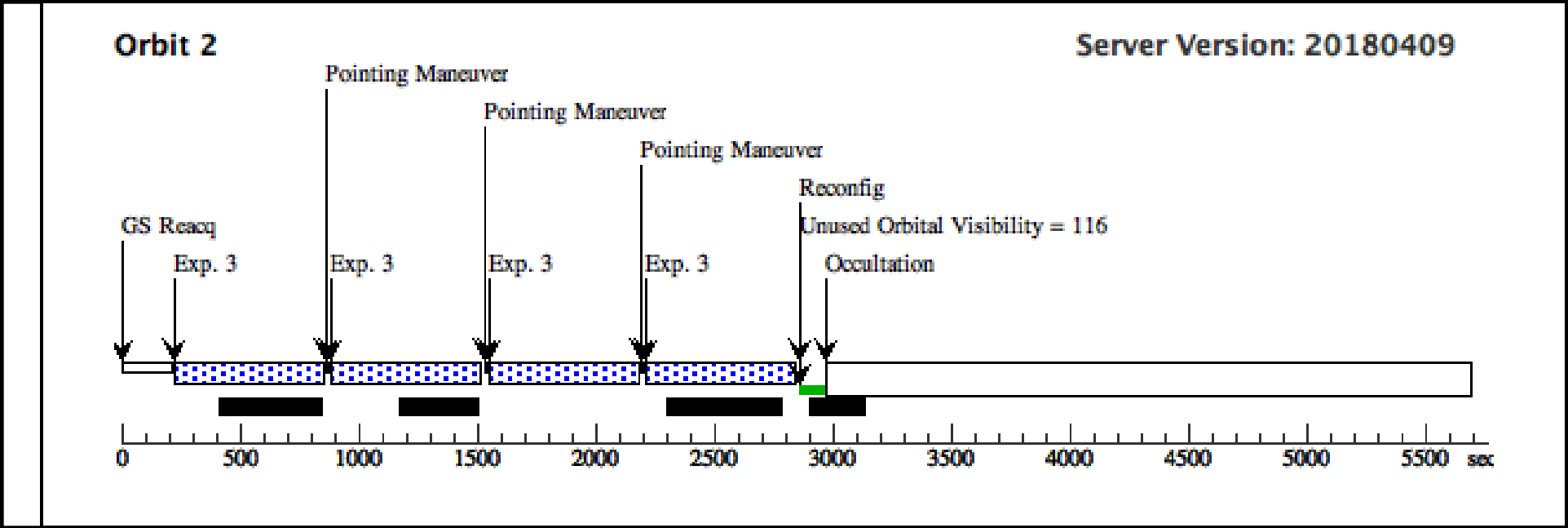
Visit	Proposal 15145, N7541W02V01 (92), completed										Wed Oct 31 15:03:59 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 91; AFTER 91 BY 6.90 D TO 7.90 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(10)	N7541		RA: 23 14 43.8570 (348.6827375d) Dec: +04 32 2.04 (4.53390d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 i n N7541W02V01 (9 2) (2)	563 Secs (1689 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W				531 Secs (531 Secs)			
										[==>]		[1]	



Proposal 15145 - N7541W03I02H02 (93) - The Hubble Constant to 1%: Physics beyond LambdaCDM

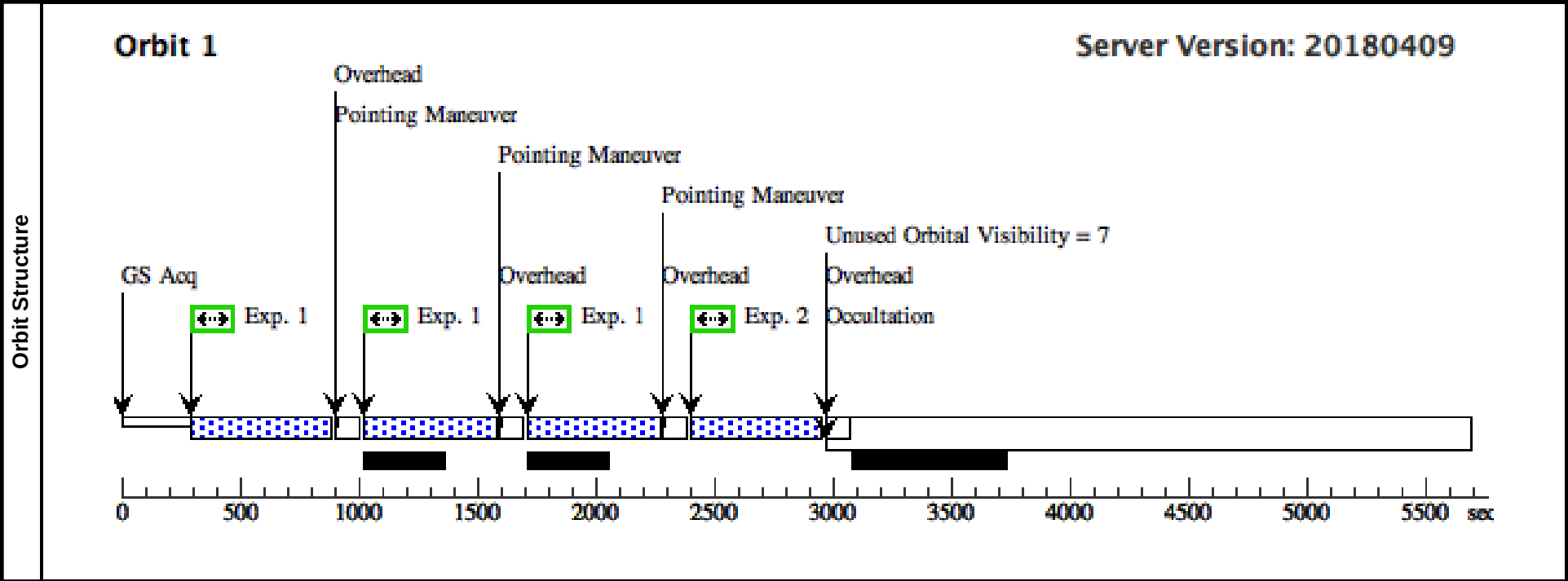
Visit	Proposal 15145, N7541W03I02H02 (93), completed										Wed Oct 31 15:03:59 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 91; AFTER 91 BY 18.88 D TO 19.88 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365 Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false								(3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(10)	N7541	RA: 23 14 43.8570 (348.6827375d) Dec: +04 32 2.04 (4.53390d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]				V=26		Reference Frame: SIMBAD		
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N7541W03I02H02 (93) (2)	563 Secs (1689 Secs)		
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		[1]
	2		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				531 Secs (531 Secs)		
								[==>]		[1]	
3		(10) N7541	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W		NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 in N7541W03I02H02 (93) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
									[==>(Pattern 4)]		[2]





Proposal 15145 - N7541W04V02 (94) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N7541W04V02 (94), completed										Wed Oct 31 15:03:59 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 91; AFTER 91 BY 27.18 D TO 28.18 D											
Patterns	#	Primary Pattern				Secondary Pattern				Exposures		
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)		
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(10)	N7541		RA: 23 14 43.8570 (348.6827375d) Dec: +04 32 2.04 (4.53390d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.											
	Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N7541W04V02 (94) (2)	563 Secs (1689 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W				531 Secs (531 Secs)		
										[==>]		[1]

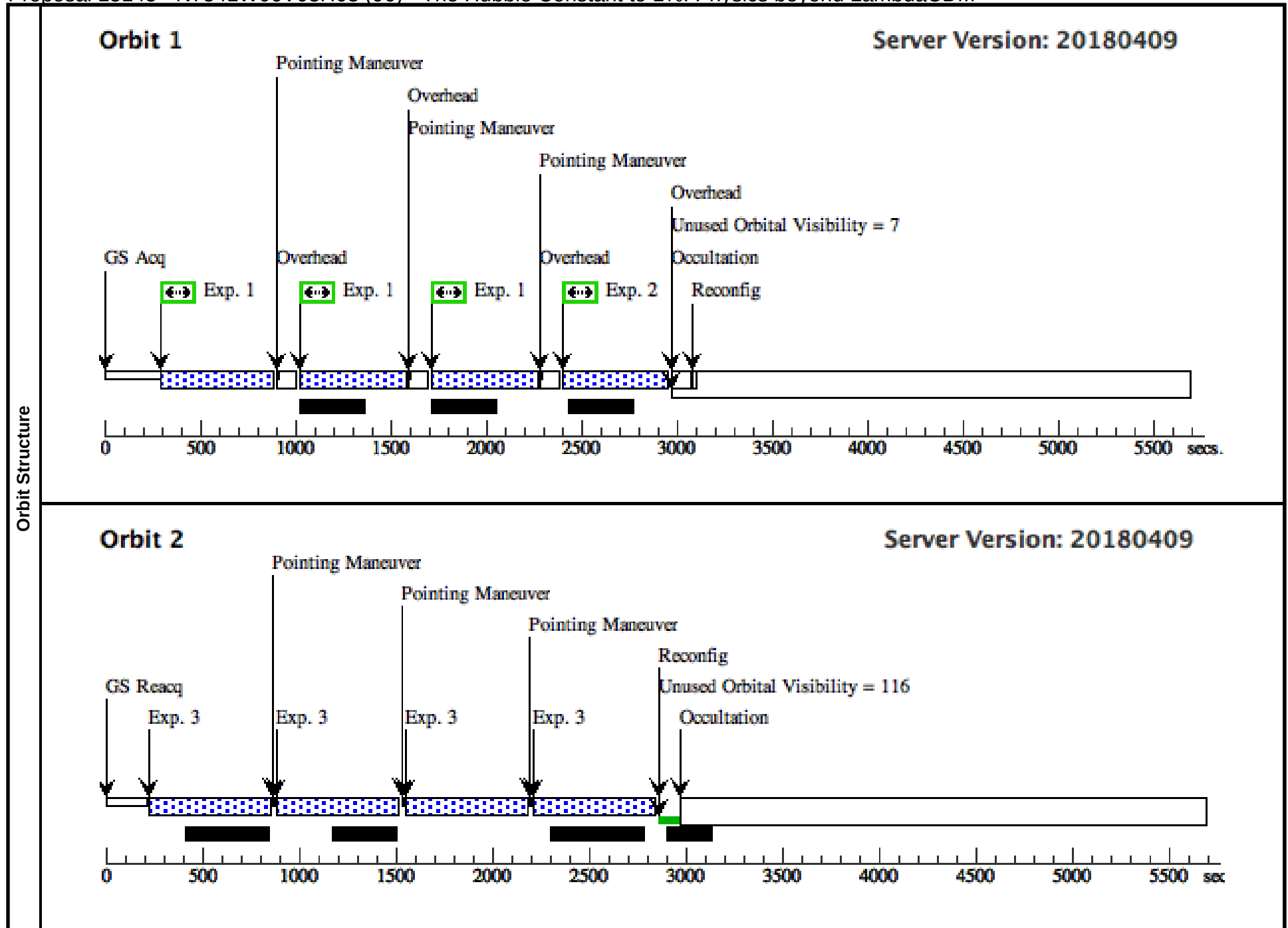


Proposal 15145 - N7541W05I03 (95) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N7541W05I03 (95), completed					Wed Oct 31 15:03:59 GMT 2018				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: SCHED 100%; SAME ORIENT AS 91; AFTER 91 BY 36.63 D TO 37.63 D									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false					(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(10)	N7541	RA: 23 14 43.8570 (348.6827375d) Dec: +04 32 2.04 (4.53390d) Equinox: J2000		V=26	Reference Frame: SIMBAD				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 i n N7541W05I03 (95)) (2)	563 Secs (1689 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				531 Secs (531 Secs) [=>]	[1]
Orbit Structure	Orbit 1									
	Server Version: 20180409									
GS Acq Exp. 1 Overhead Exp. 1 Overhead Exp. 1 Overhead Exp. 2 Overhead Unused Orbital Visibility = 10 Occultation Pointing Maneuver Pointing Maneuver Pointing Maneuver 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 sec										

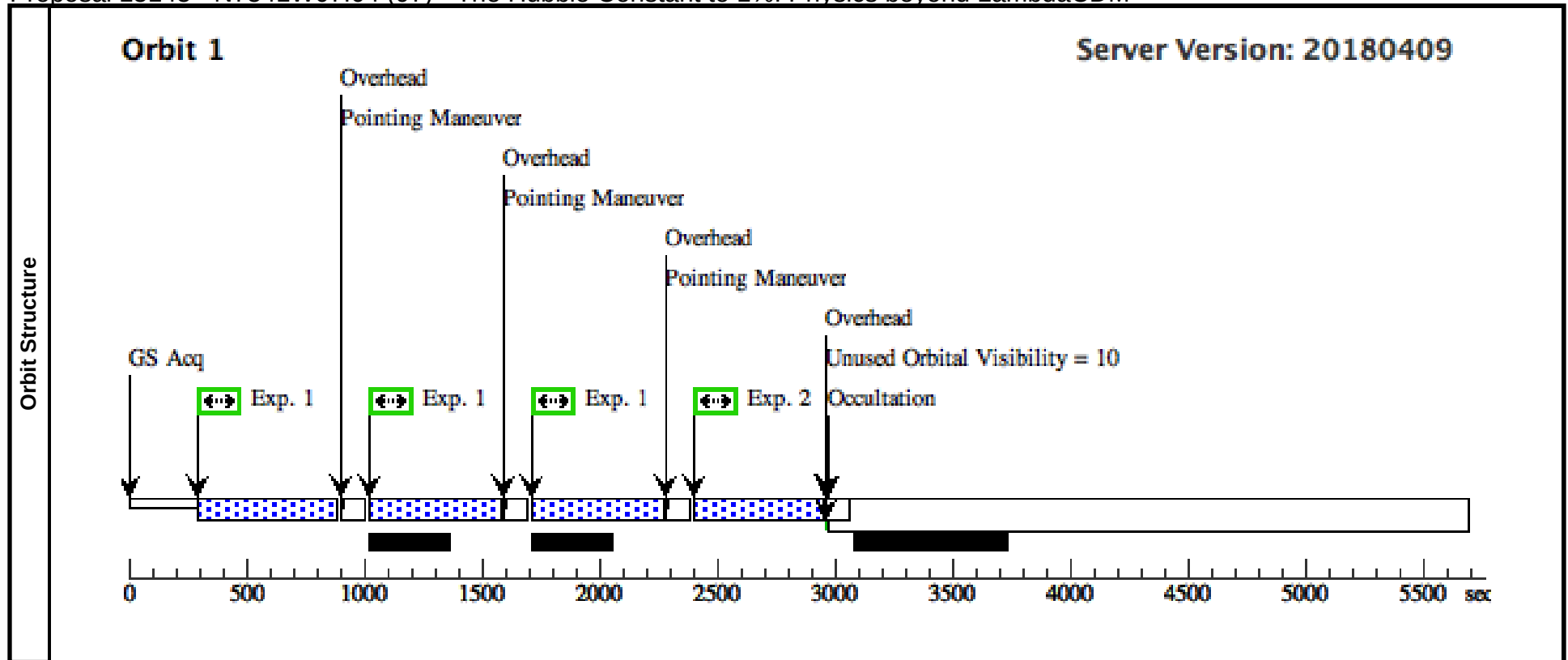
Proposal 15145 - N7541W06V03H03 (96) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N7541W06V03H03 (96), completed										Wed Oct 31 15:03:59 GMT 2018	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; SAME ORIENT AS 91; AFTER 91 BY 50.21 D TO 51.21 D											
Patterns	#	Primary Pattern					Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)	
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365			Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(3)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(10)	N7541	RA: 23 14 43.8570 (348.6827375d) Dec: +04 32 2.04 (4.53390d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N7541W06V03H03 (96) (2)	563 Secs (1689 Secs)			
									[==>(Pattern 1)]		[1]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
	2		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W					531 Secs (531 Secs)		
										[==>]		[1]
3		(10) N7541	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W		NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 in N7541W06V03H03 (96) (5)	602.937703 Secs (2411.751 Secs)			
									[==>(Pattern 1)]		[2]	
									[==>(Pattern 2)]			
									[==>(Pattern 3)]			
									[==>(Pattern 4)]			



Proposal 15145 - N7541W07I04 (97) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N7541W07I04 (97), completed										Wed Oct 31 15:03:59 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT -24D TO 0D FROM 91; AFTER 91 BY 60.68 D TO 61.68 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(10)	N7541		RA: 23 14 43.8570 (348.6827375d) Dec: +04 32 2.04 (4.53390d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N7541W07I04 (97) (2)	563 Secs (1689 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W				531 Secs (531 Secs)			
										[==>]		[1]	

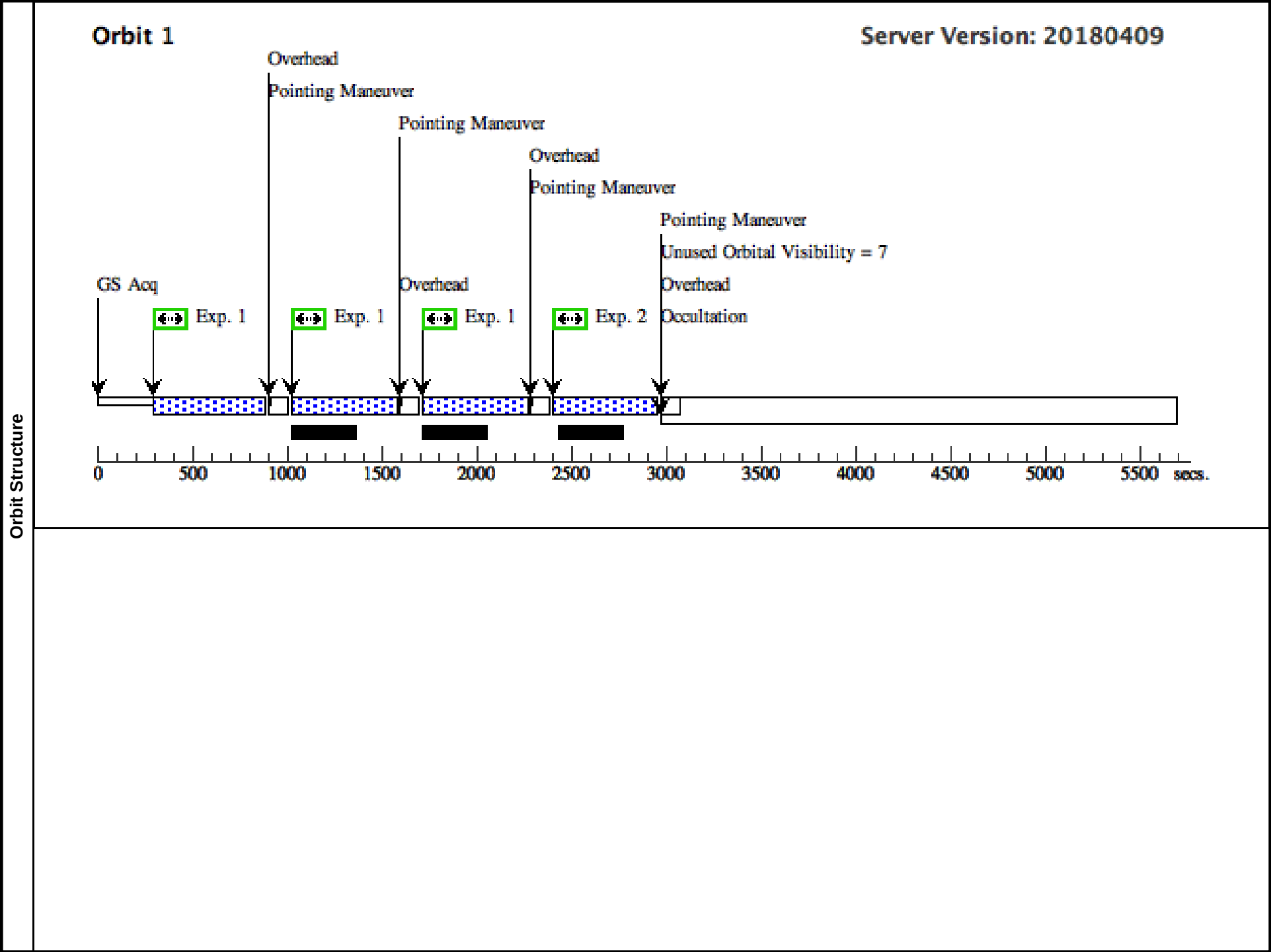


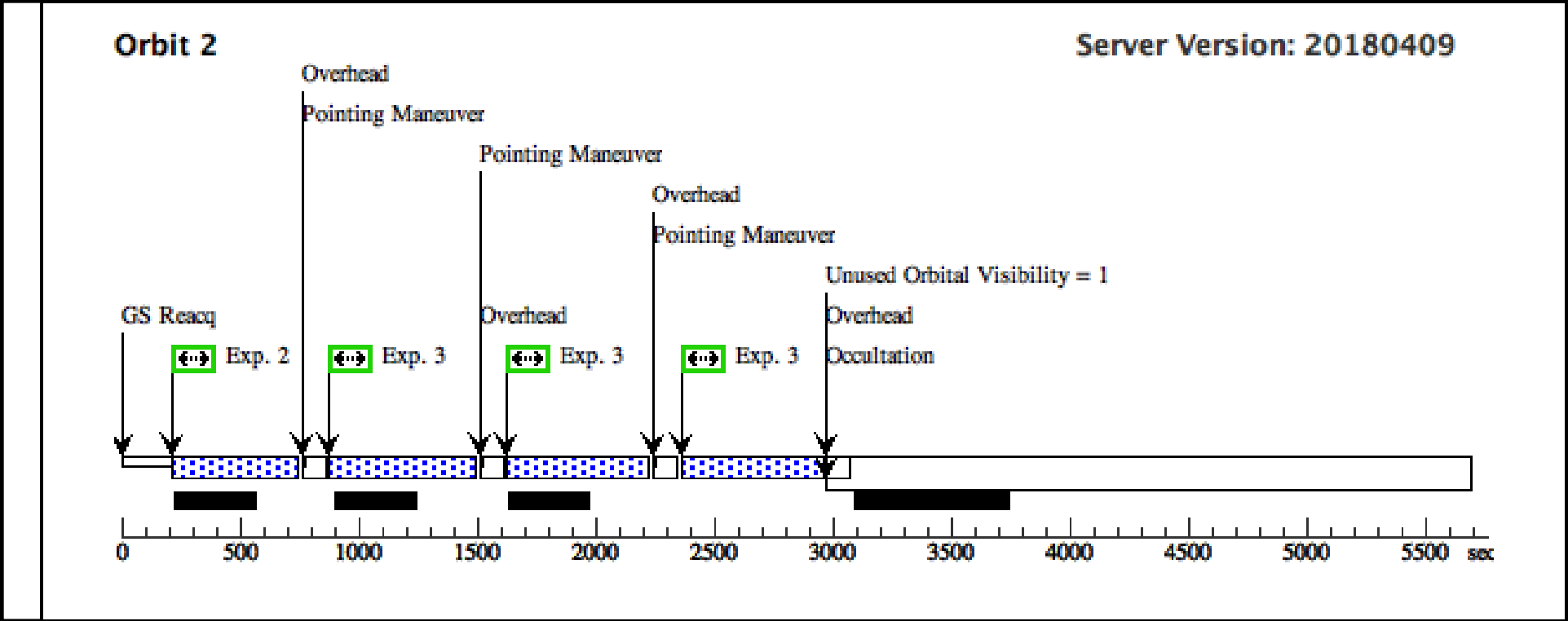
Proposal 15145 - N7541W08V04 (98) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N7541W08V04 (98), completed Wed Oct 31 15:03:59 GMT 2018				
	Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 97; AFTER 91 BY 72.16 D TO 73.16 D				
Patterns	#	Primary Pattern	Secondary Pattern		Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(10)	N7541	RA: 23 14 43.8570 (348.6827375d) Dec: +04 32 2.04 (4.53390d) Equinox: J2000		V=26
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]				
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.
	1	(10) N7541		WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP
					Opt. Params.
					Special Reqs.
					Groups
					Exp. Time (Total)/[Actual Dur.]
					Orbit
	1	(10) N7541		WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP
					Pattern 2, Exps 1-1 i n N7541W08V04 (9 8) (2)
					563 Secs (1689 Secs)
					[==>(Pattern 1)]
					[==>(Pattern 2)]
					[==>(Pattern 3)]
	2	(10) N7541		WFC3/UVIS, ACCUM, UVIS-CENTER	F555W
					531 Secs (531 Secs)
					[==>]
					[1]
					[1]
Orbit Structure	Orbit 1 Server Version: 20180409				

Proposal 15145 - N7541W09V05I05 (99) - The Hubble Constant to 1%: Physics beyond LambdaCDM

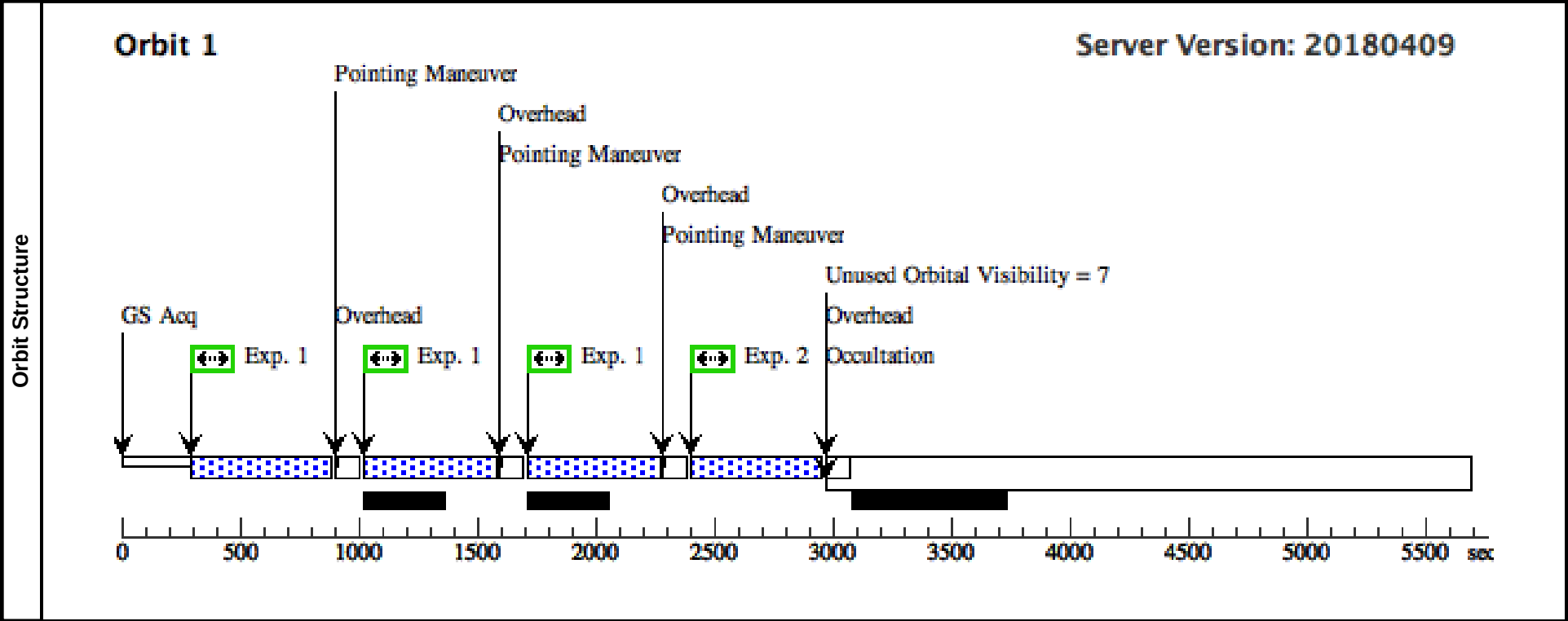
Visit	Proposal 15145, N7541W09V05I05 (99), completed										Wed Oct 31 15:03:59 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 97; AFTER 91 BY 85.04 D TO 86.04 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(2)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false										(1), (3)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(10)	N7541		RA: 23 14 43.8570 (348.6827375d) Dec: +04 32 2.04 (4.53390d) Equinox: J2000				V=26		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N7541W09V05I05 (99) (2)	563 Secs (1689 Secs)			
									[==>(Pattern 1)]		[1]		
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
	2		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N7541W09V05I05 (99) (1)	531 Secs (1062 Secs)			
									[==>(Pattern 1)]		[1]		
									[==>(Pattern 2)]		[2]		
	3		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W			Pattern 2, Exps 3-3 in N7541W09V05I05 (99) (2)	605 Secs (1815 Secs)			
								[==>(Pattern 1)]		[2]			
								[==>(Pattern 2)]					
								[==>(Pattern 3)]					





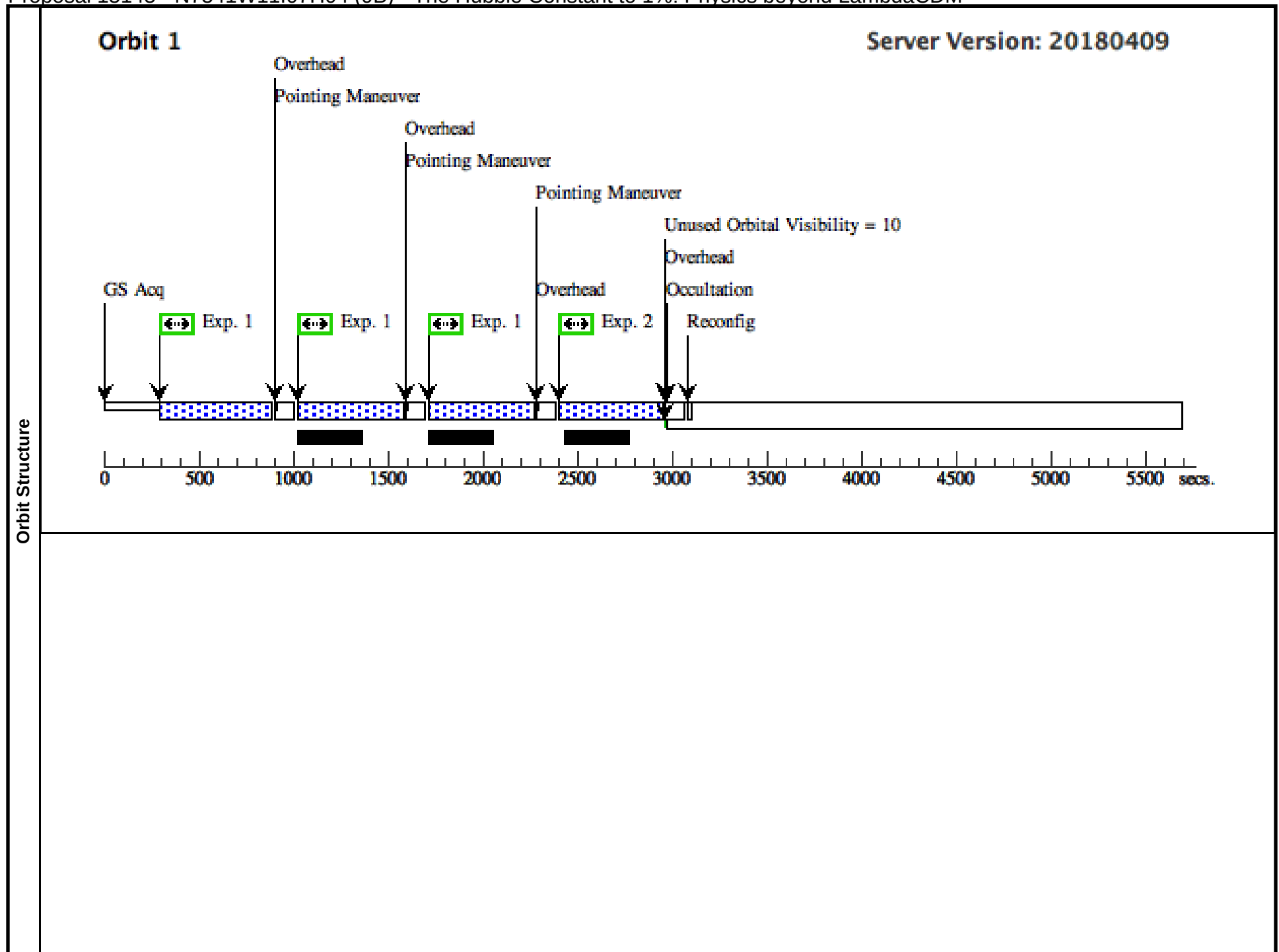
Proposal 15145 - N7541W10V06 (9A) - The Hubble Constant to 1%: Physics beyond LambdaCDM

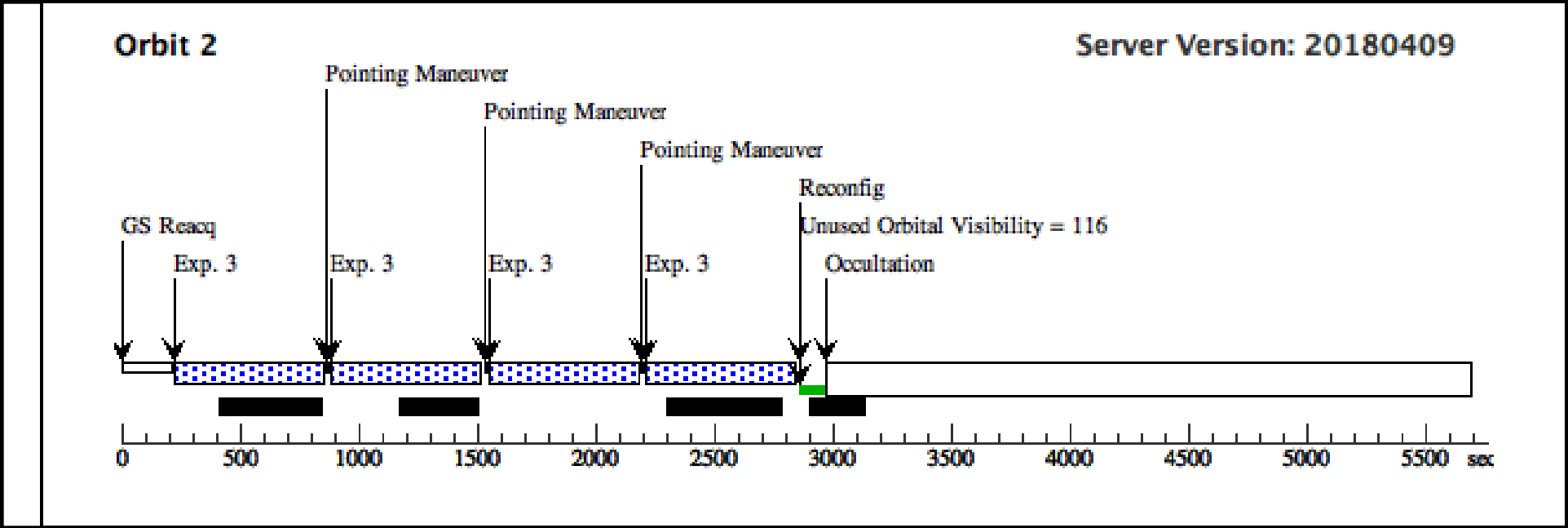
Visit	Proposal 15145, N7541W10V06 (9A), completed										Wed Oct 31 15:03:59 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 97; AFTER 91 BY 92.83 D TO 93.83 D										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false								(1)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(10)	N7541	RA: 23 14 43.8570 (348.6827375d) Dec: +04 32 2.04 (4.53390d) Equinox: J2000				V=26		Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.										
	Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 i n N7541W10V06 (9 A) (2)	563 Secs (1689 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W				531 Secs (531 Secs)		
									[==>]		[1]



Proposal 15145 - N7541W11I07H04 (9B) - The Hubble Constant to 1%: Physics beyond LambdaCDM

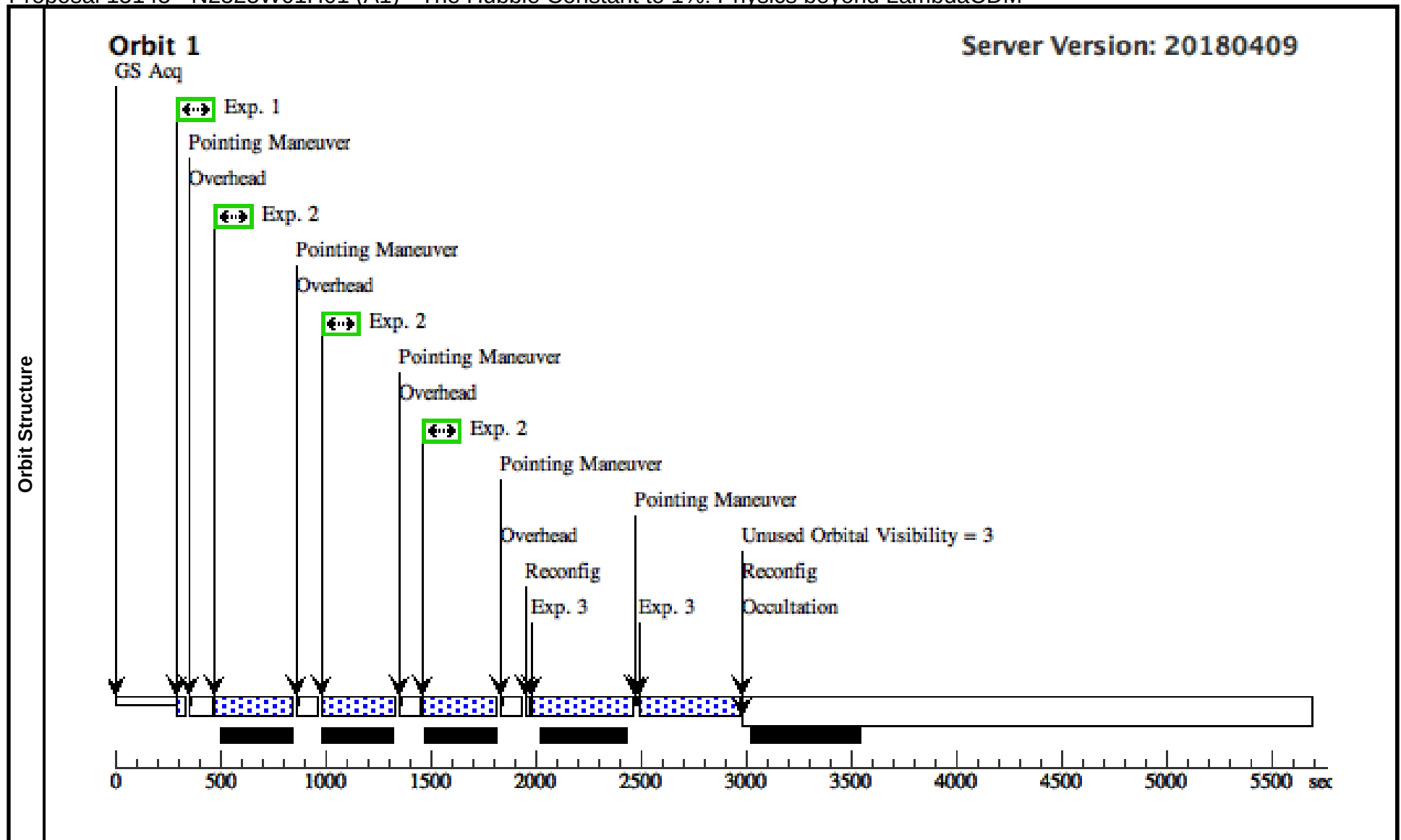
Visit	Proposal 15145, N7541W11I07H04 (9B), completed										Wed Oct 31 15:03:59 GMT 2018
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 97; AFTER 91 BY 99.5 D TO 100.5 D										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false						(1)
	(5)	Pattern Type=WFC3-IR-DITHER-BOX-MIN Purpose=DITHER Number Of Points=4 Point Spacing=0.572 Line Spacing=0.365			Coordinate Frame=POS-TARG Pattern Orientation=18.528 Angle Between Sides=74.653 Center Pattern=false						(3)
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous	
	(10)	N7541	RA: 23 14 43.8570 (348.6827375d) Dec: +04 32 2.04 (4.53390d) Equinox: J2000					V=26		Reference Frame: SIMBAD	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N7541W11I07H04 (9B) (2)	563 Secs (1689 Secs)		
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		[1]
	2		(10) N7541	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				531 Secs (531 Secs)		
									[==>]		[1]
3		(10) N7541	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W		NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 in N7541W11I07H04 (9B) (5)	602.937703 Secs (2411.751 Secs)		
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		
									[==>(Pattern 3)]		
									[==>(Pattern 4)]		[2]





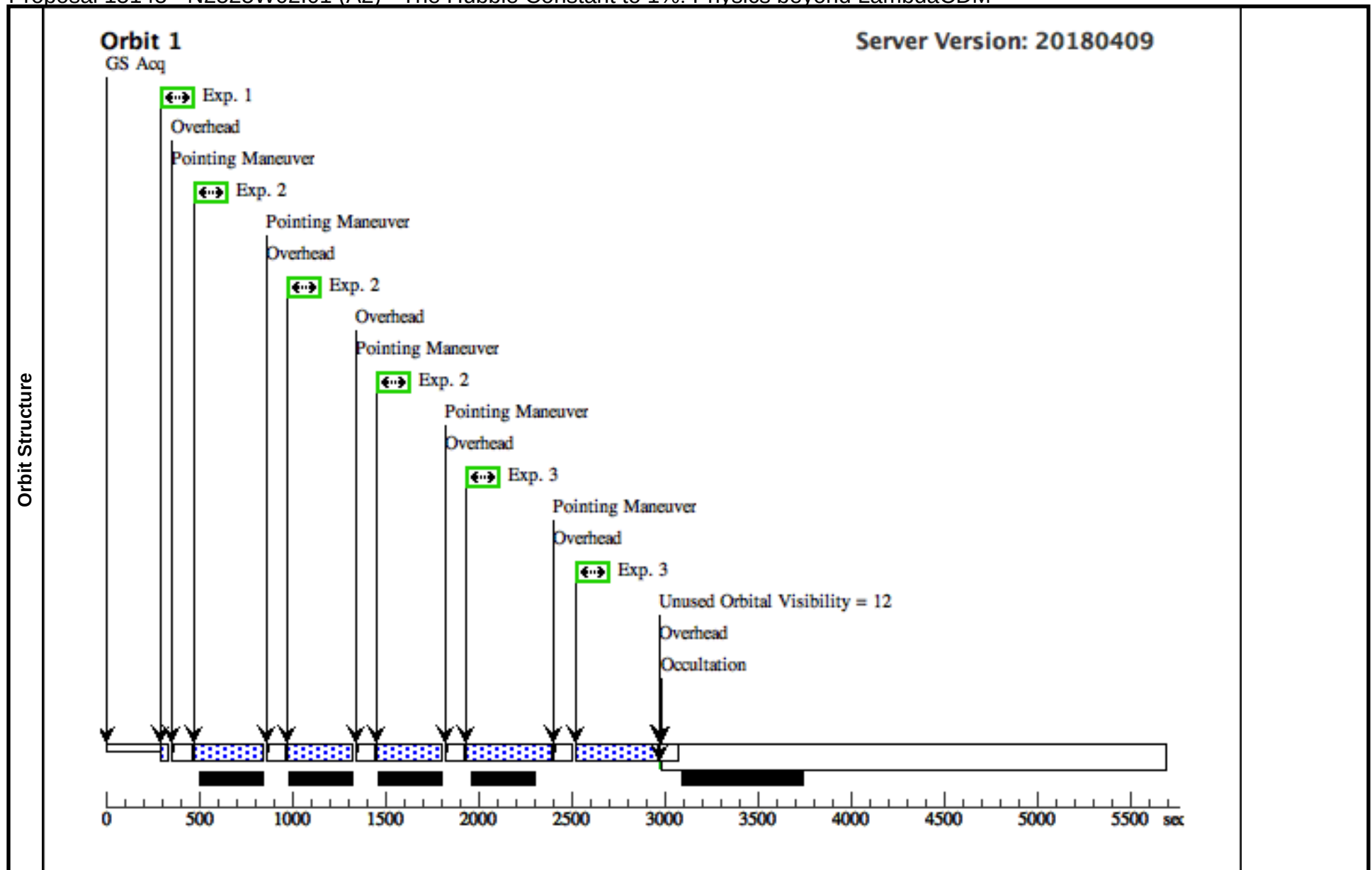
Proposal 15145 - N2525W01H01 (A1) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W01H01 (A1), completed					Wed Oct 31 15:03:59 GMT 2018				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; BEFORE 20-FEB-2018:00:00:00									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(2)				
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false		(3)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000		V=26.5	Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS	G280	FLASH=12; BLADE=A	POS TARG null,-10		10 Secs (10 Secs)	
									[==>]	[1]
	2		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 2-2 i n N2525W01H01 (A 1) (2)	357 Secs (1071 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	3		(20) N2525	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=14; SAMP-SEQ=STEP5 0		Pattern 4, Exps 3-3 i n N2525W01H01 (A 1) (4)	449.233834 Secs (898.468 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



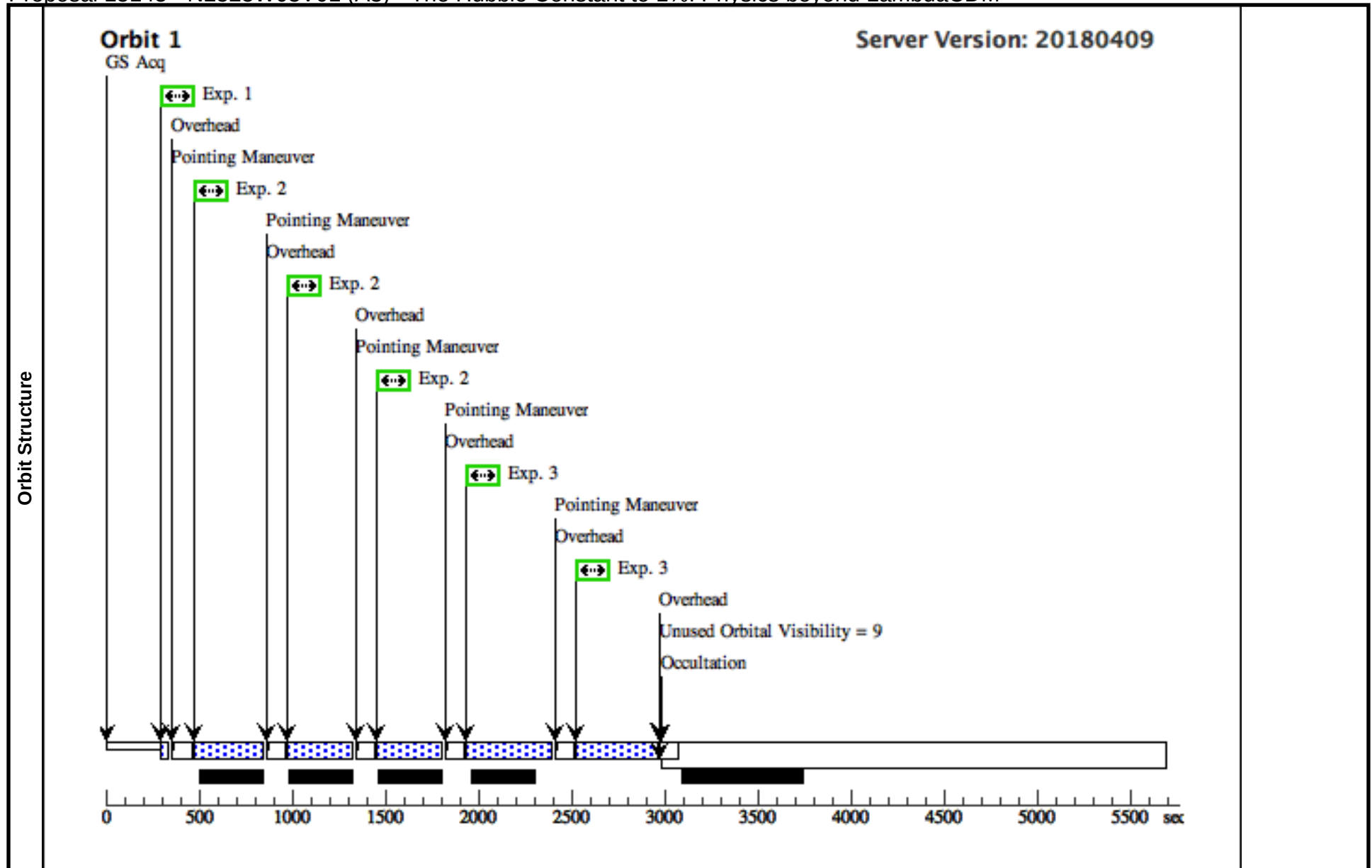
Proposal 15145 - N2525W02I01 (A2) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W02I01 (A2), completed										Wed Oct 31 15:03:59 GMT 2018
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS A1; AFTER A1 BY 2.81 D TO 3.81 D										
Diagnostics	(Exposure 3 (Pattern 1, Exps 3-3 in N2525W02I01 (A2))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=								(3)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=								(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000				V=26.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS	G280	FLASH=12; BLADE=A	POS TARG null,-10		10 Secs (10 Secs)		
									[==>]		[1]
	2		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 2-2 in N2525W02I01 (A2) (2)	352 Secs (1056 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	3		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 3-3 in N2525W02I01 (A2) (1)	438 Secs (876 Secs)		
								[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



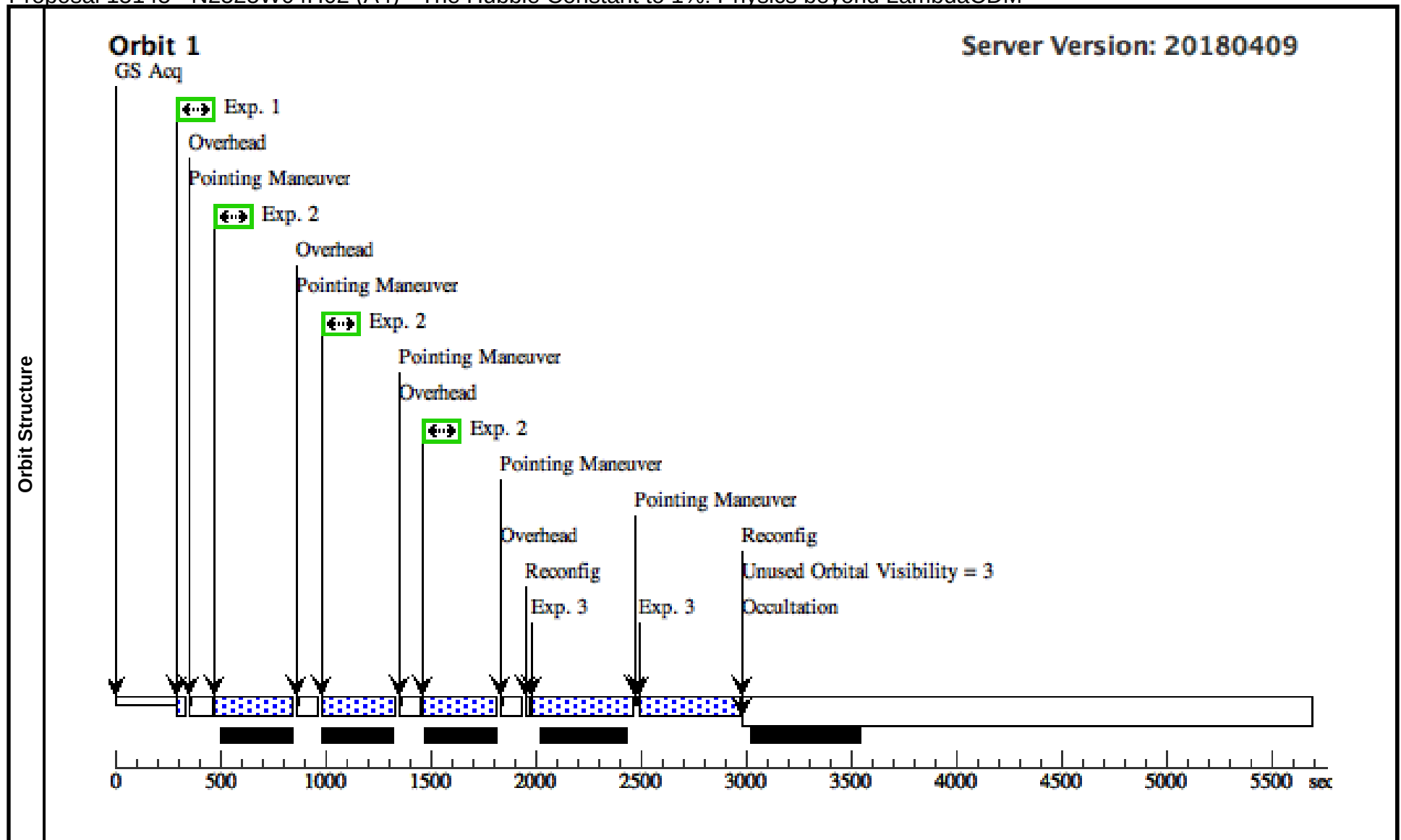
Proposal 15145 - N2525W03V01 (A3) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W03V01 (A3), completed					Wed Oct 31 15:03:59 GMT 2018				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: SCHED 100%; SAME ORIENT AS A1; AFTER A1 BY 6.88 D TO 7.88 D									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(3)			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000		V=26.5	Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS	G280	FLASH=12; BLADE=A	POS TARG null,-10		10 Secs (10 Secs)	
									[==>]	[1]
	2		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 2-2 in N2525W03V01 (A3) (2)	352 Secs (1056 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	3		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 3-3 in N2525W03V01 (A3) (1)	438 Secs (876 Secs)	
									[==>(Pattern 1)] [==>(Pattern 2)]	[1]



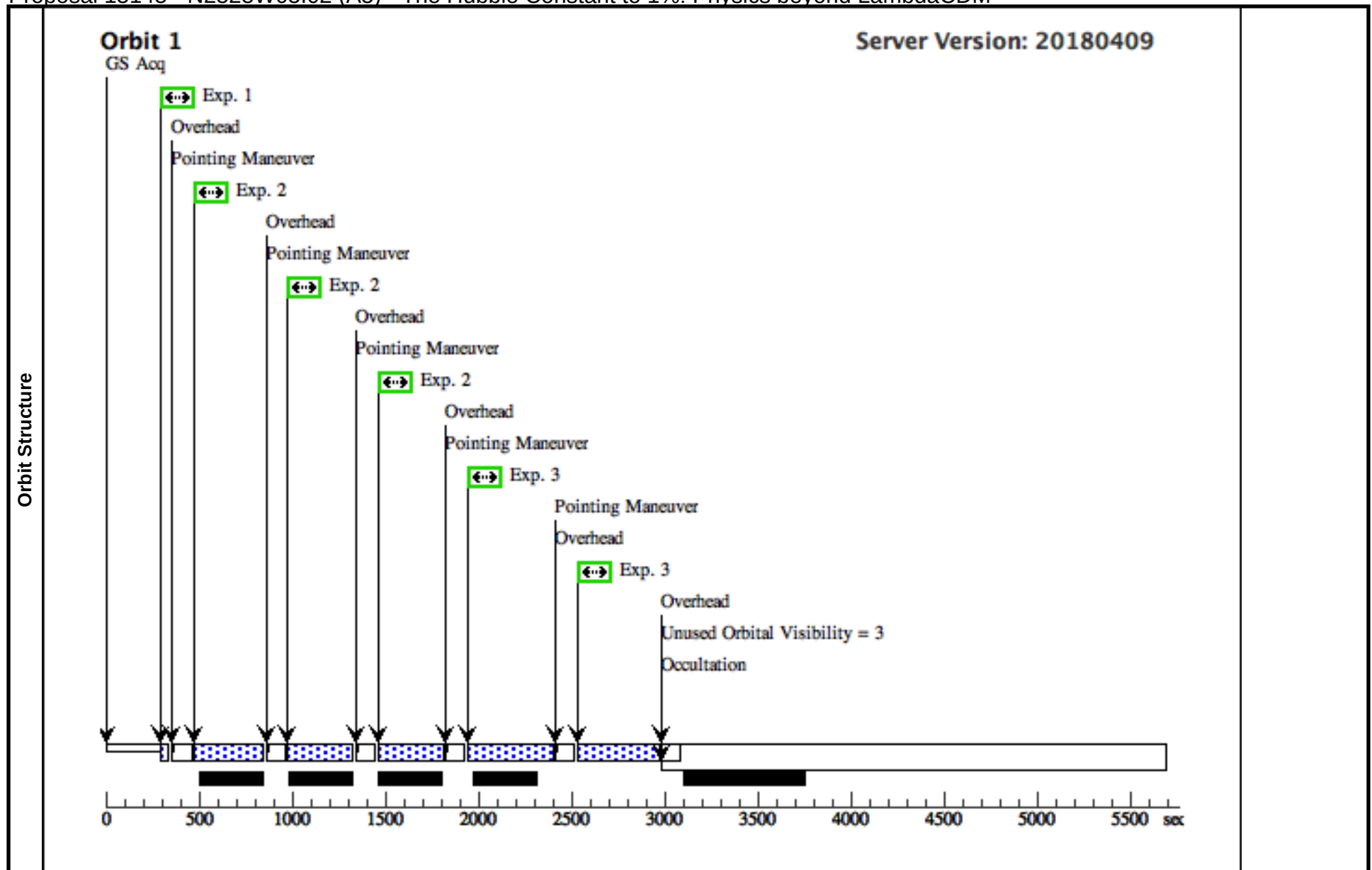
Proposal 15145 - N2525W04H02 (A4) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W04H02 (A4), completed				Wed Oct 31 15:03:59 GMT 2018						
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS A1; AFTER A1 BY 11.94 D TO 12.94 D										
Patterns	#	Primary Pattern			Secondary Pattern			Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(2)			
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false				(3)			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000				V=26.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS	G280	FLASH=12; BLADE=A	POS TARG null,-10		10 Secs (10 Secs)		
									[==>]		[1]
	2		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 2-2 in N2525W04H02 (A4) (2)	357 Secs (1071 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	3		(20) N2525	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=14; SAMP-SEQ=STEP50		Pattern 4, Exps 3-3 in N2525W04H02 (A4) (4)	449.233834 Secs (898.468 Secs)		
								[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



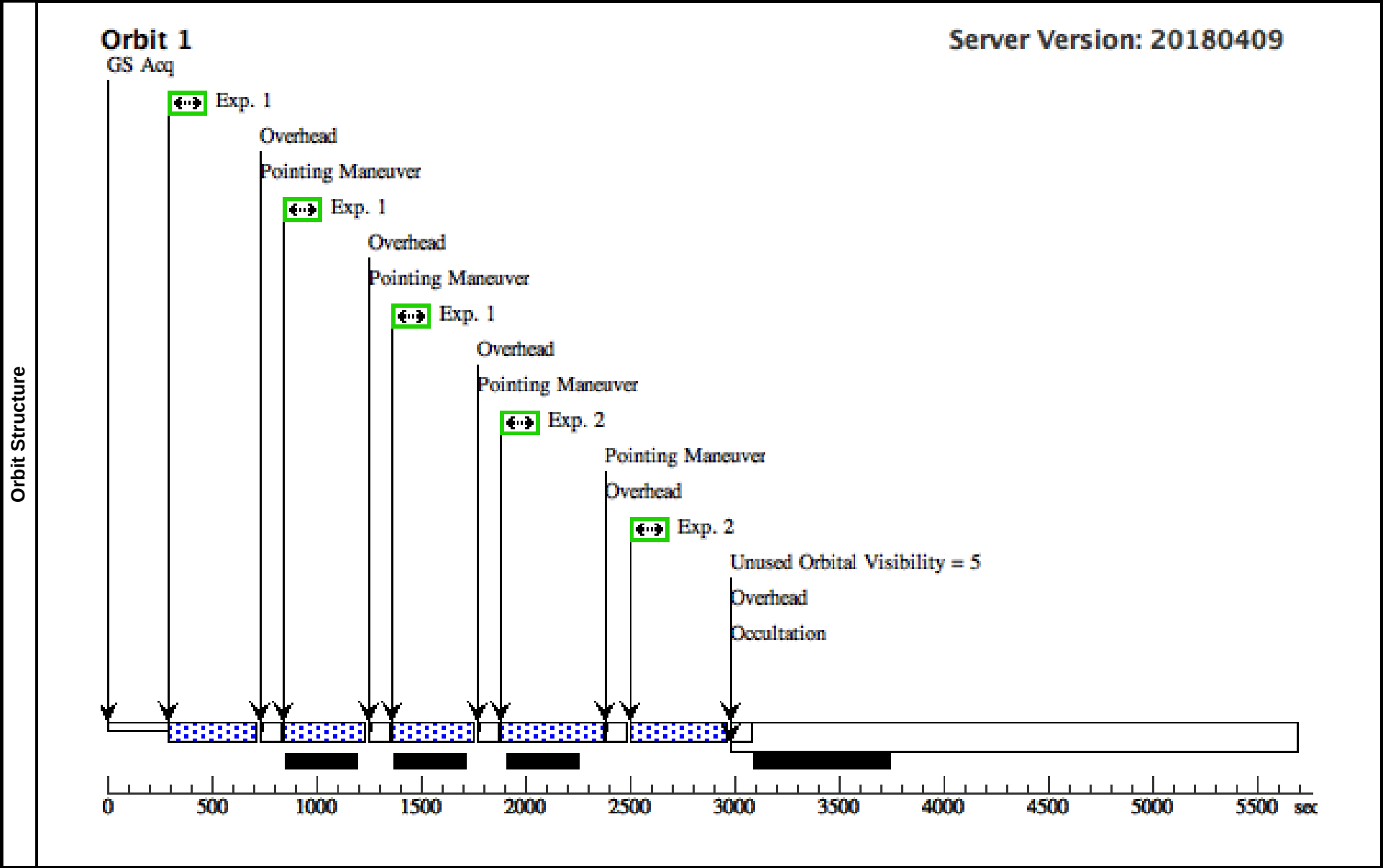
Proposal 15145 - N2525W05I02 (A5) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W05I02 (A5), completed										Wed Oct 31 15:03:59 GMT 2018		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS A1; AFTER A1 BY 18.28 D TO 19.28 D												
Diagnostics	(Exposure 3 (Pattern 1, Exps 3-3 in N2525W05I02 (A5))) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=										(3)	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=										(2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000				V=26.5		Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO												
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS	G280	FLASH=12; BLADE=A	POS TARG null,-10		10 Secs (10 Secs)				
									[==>]		[1]		
	2		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 2-2 in N2525W05I02 (A5) (2)	355 Secs (1065 Secs)				
									[==>(Pattern 1)]		[1]		
									[==>(Pattern 2)]				
									[==>(Pattern 3)]				
3		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				Pattern 1, Exps 3-3 in N2525W05I02 (A5) (1)	438 Secs (876 Secs)				
									[==>(Pattern 1)]		[1]		
									[==>(Pattern 2)]				



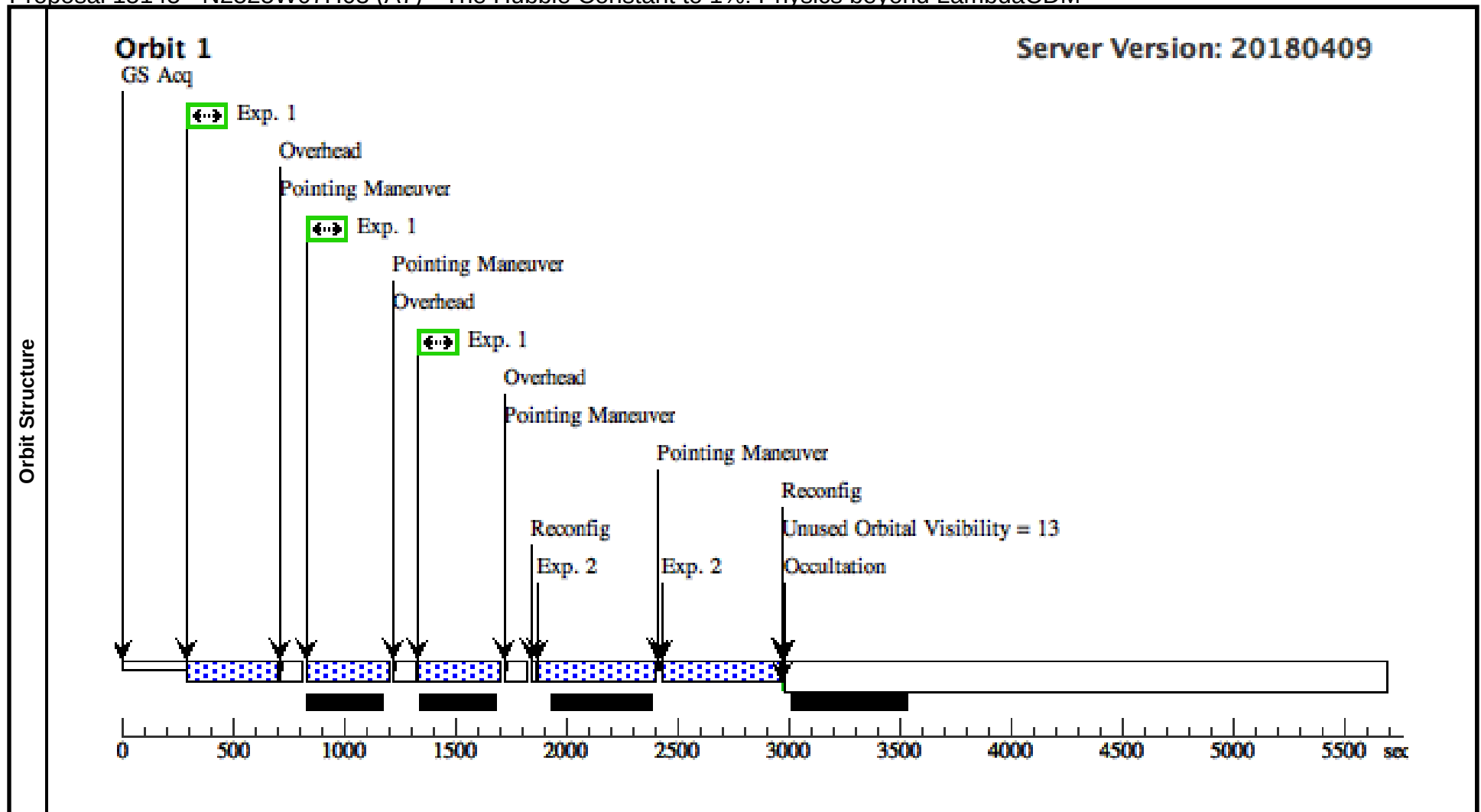
Proposal 15145 - N2525W06V02 (A6) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W06V02 (A6), completed						Wed Oct 31 15:03:59 GMT 2018				
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; ORIENT 0D TO 12D FROM A1; AFTER A1 BY 25.70 D TO 27.28 D										
Patterns	#	Primary Pattern				Secondary Pattern		Exposures			
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=						(2)			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=						(1)			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000				V=26.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N2525W06V02 (A 6) (2)	391 Secs (1173 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 in N2525W06V02 (A 6) (1)	465 Secs (930 Secs)		
									[==>(Pattern 1)] [==>(Pattern 2)]		[1]



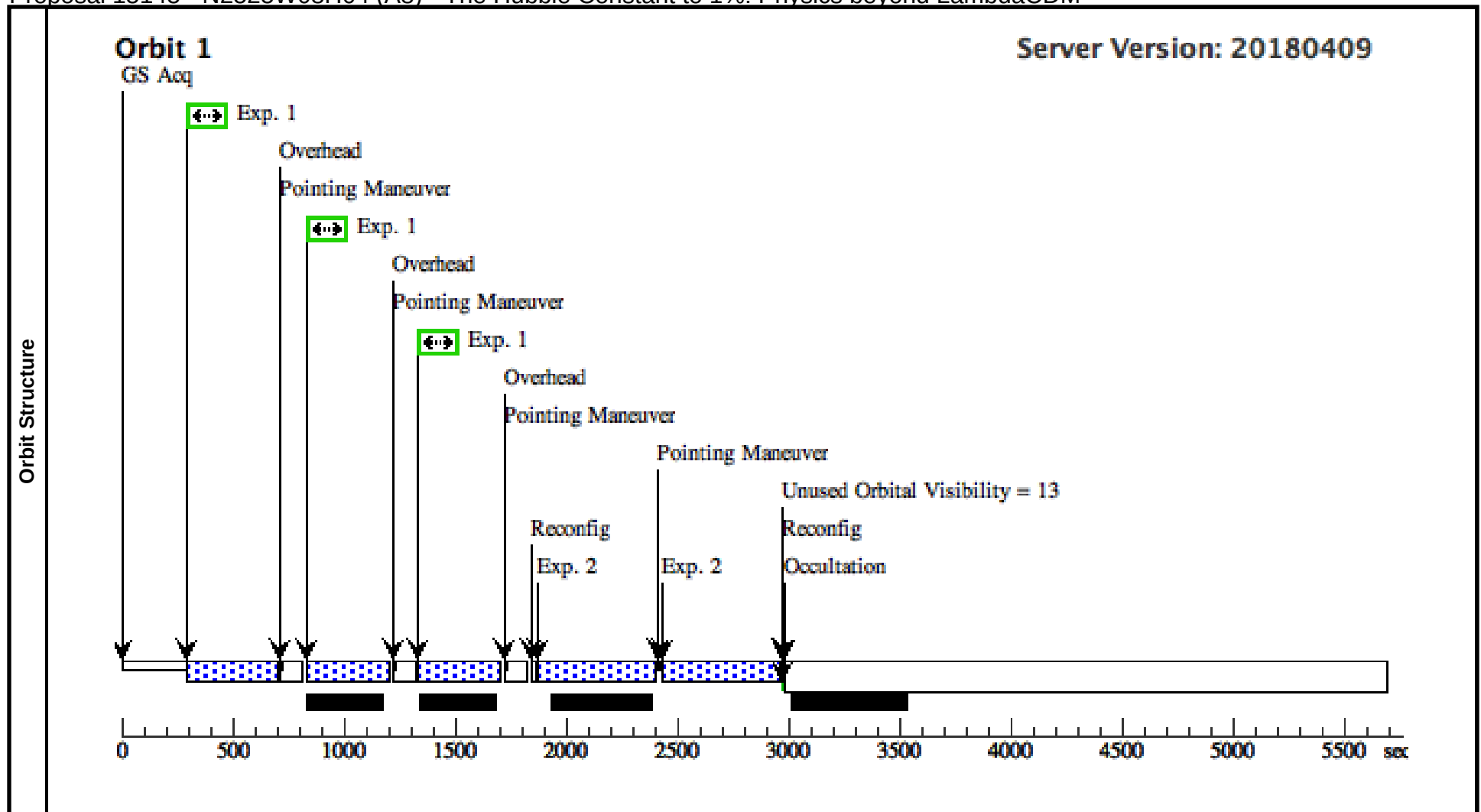
Proposal 15145 - N2525W07H03 (A7) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W07H03 (A7), completed						Wed Oct 31 15:03:59 GMT 2018			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; SAME ORIENT AS A6; AFTER A1 BY 36.51 D TO 37.51 D									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1)				
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false			(2)				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000		V=26.5	Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N2525W07H03 (A7) (2)	376 Secs (1128 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(20) N2525	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=15; SAMP-SEQ=STEP50		Pattern 4, Exps 2-2 in N2525W07H03 (A7) (4)	499.234285 Secs (998.469 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



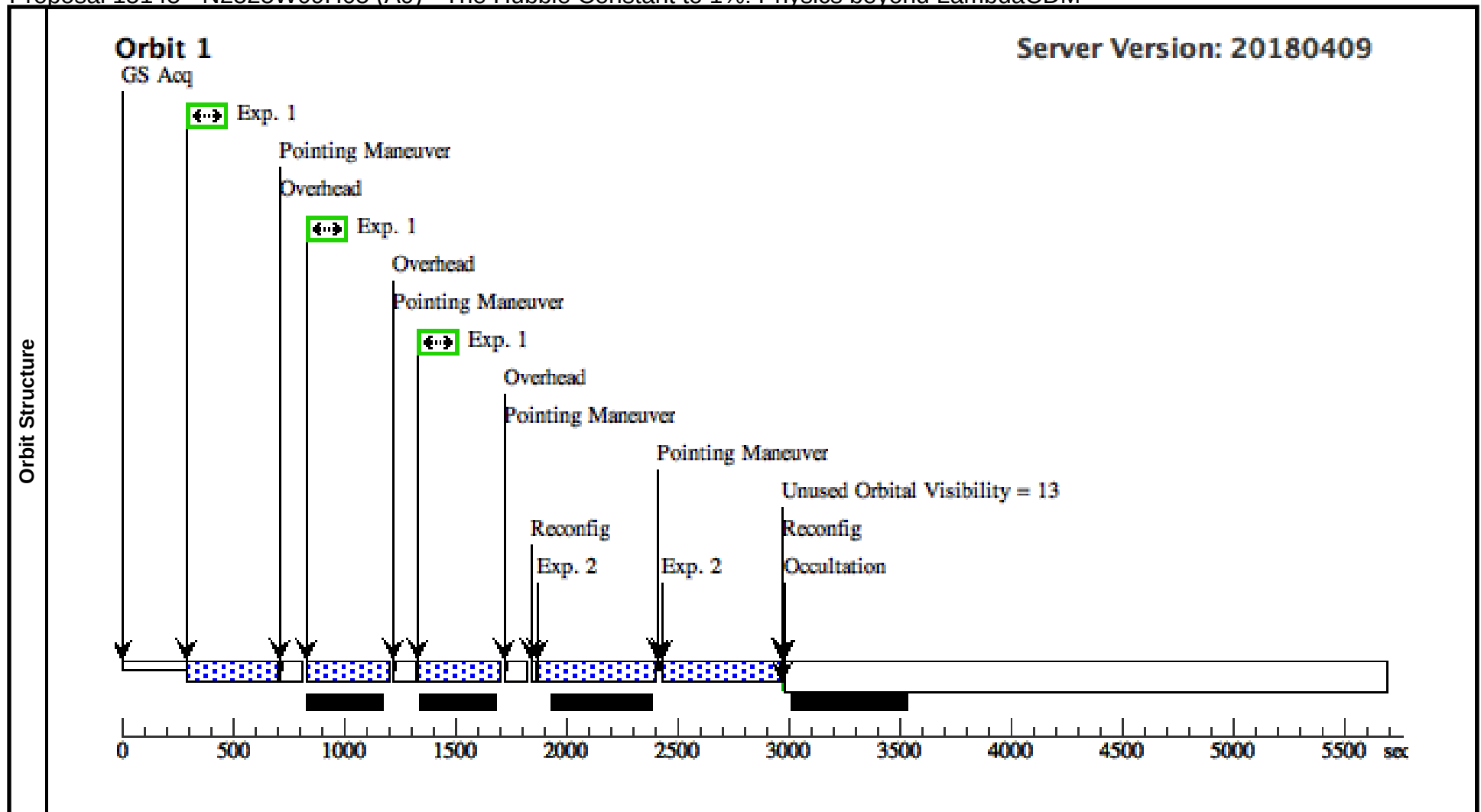
Proposal 15145 - N2525W08H04 (A8) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W08H04 (A8), completed						Wed Oct 31 15:03:59 GMT 2018			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; SAME ORIENT AS A6; AFTER A1 BY 48.69 D TO 50.69 D									
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)		
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false				(2)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000			V=26.5		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N2525W08H04 (A8) (2)	376 Secs (1128 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(20) N2525	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=15; SAMP-SEQ=STEP50		Pattern 4, Exps 2-2 in N2525W08H04 (A8) (4)	499.234285 Secs (998.469 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]



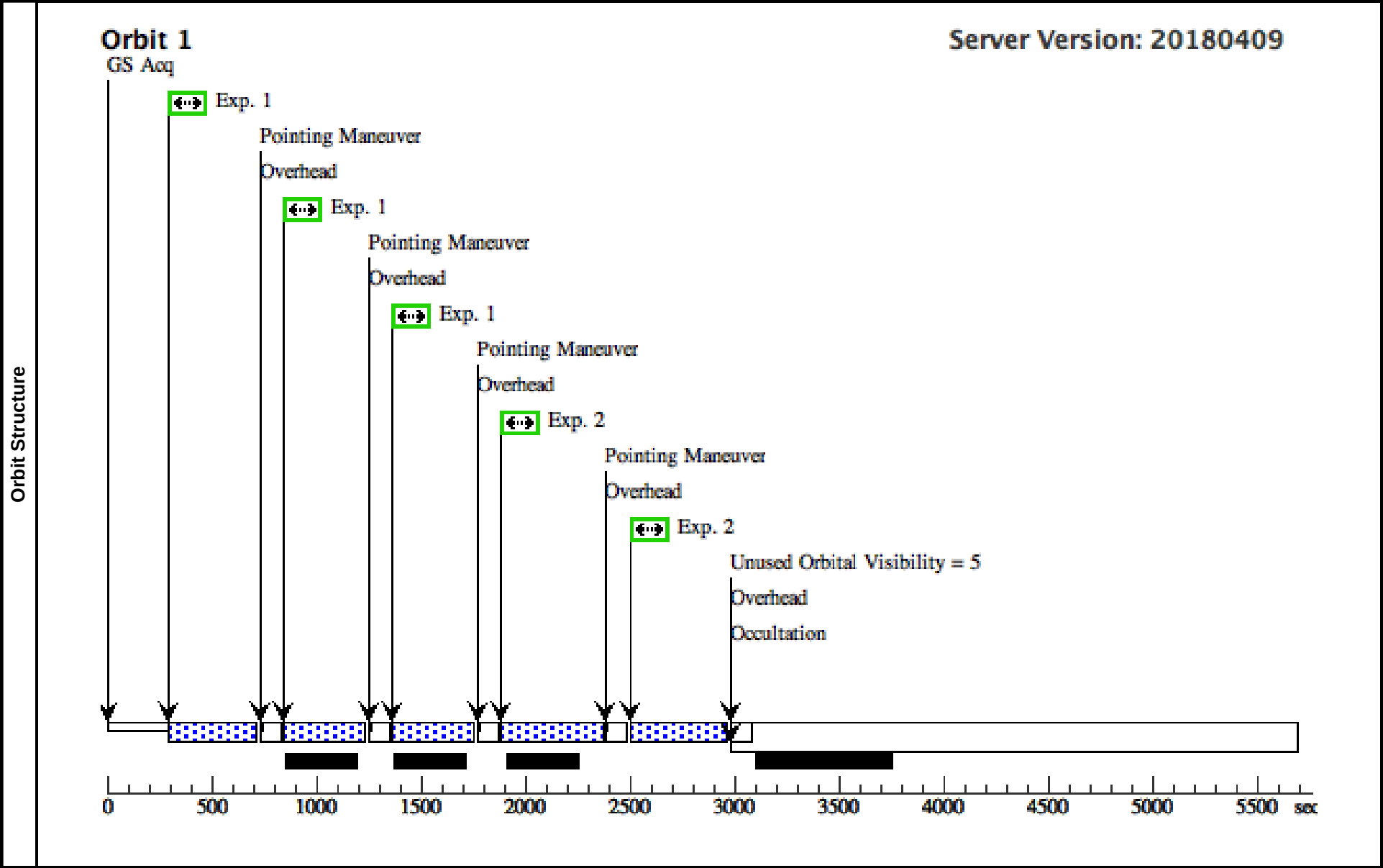
Proposal 15145 - N2525W09H05 (A9) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W09H05 (A9), completed										Wed Oct 31 15:04:00 GMT 2018		
	Diagnostic Status: No Diagnostics												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 0D TO 32D FROM A6; AFTER A1 BY 66.86 D TO 67.86 D												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false							(1)	
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=			Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false							(2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(20)	N2525		RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000				V=26.5		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO												
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 2, Exps 1-1 in N2525W09H05 (A9) (2)	376 Secs (1128 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(20) N2525	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=15; SAMP-SEQ=STEP50		Pattern 4, Exps 2-2 in N2525W09H05 (A9) (4)	499.234285 Secs (998.469 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



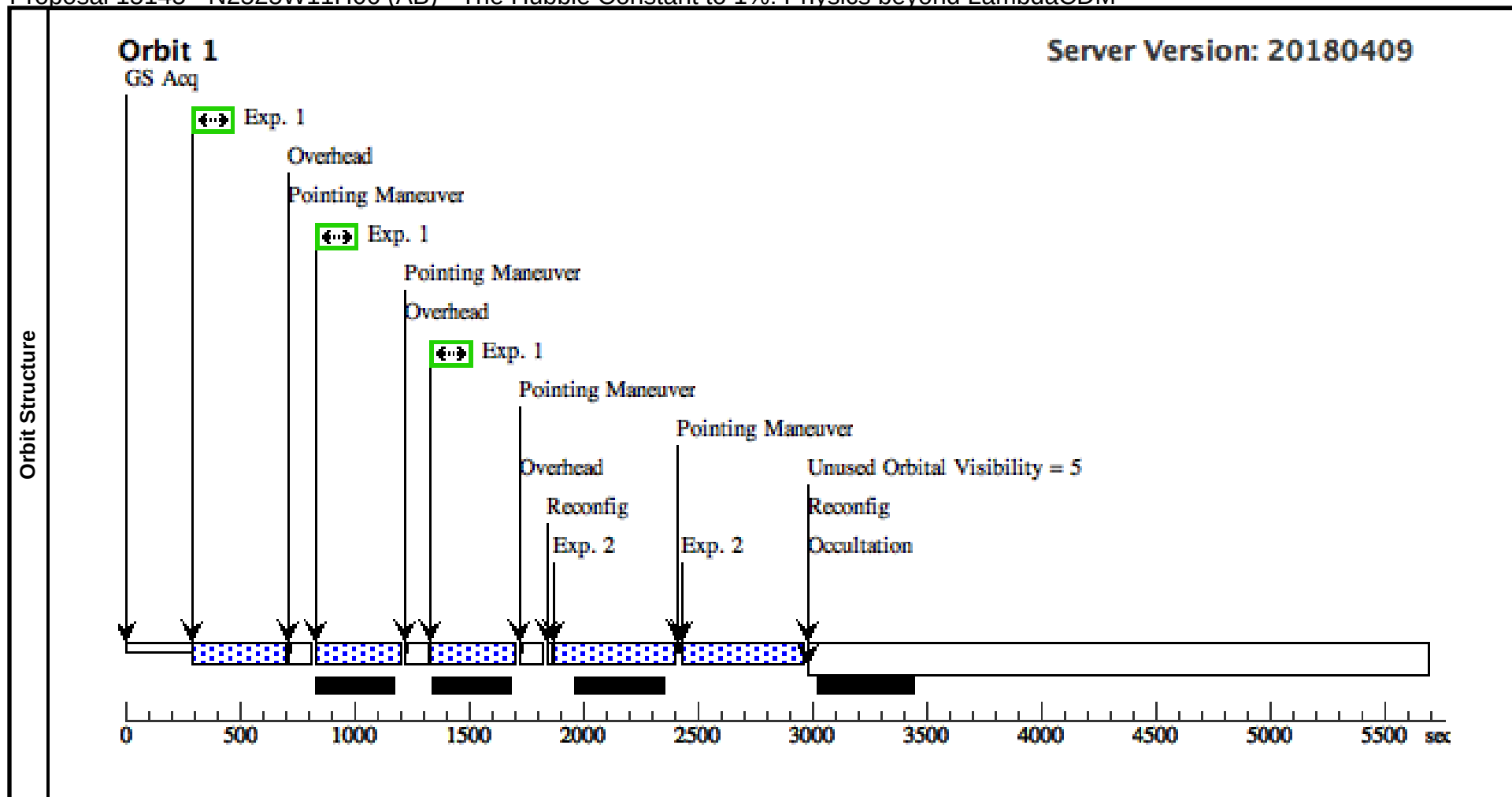
Proposal 15145 - N2525W10I03 (AA) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W10I03 (AA), completed						Wed Oct 31 15:04:00 GMT 2018			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: SCHED 100%; SAME ORIENT AS A9; AFTER A1 BY 89.5 D TO 90.5 D									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=WFC3-UVIS-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.145 Line Spacing=					(2)			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=					(1)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000			V=26.5	Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N2525W10I03 (A A) (2)	391 Secs (1173 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W	FLASH=1		Pattern 1, Exps 2-2 in N2525W10I03 (A A) (1)	465 Secs (930 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



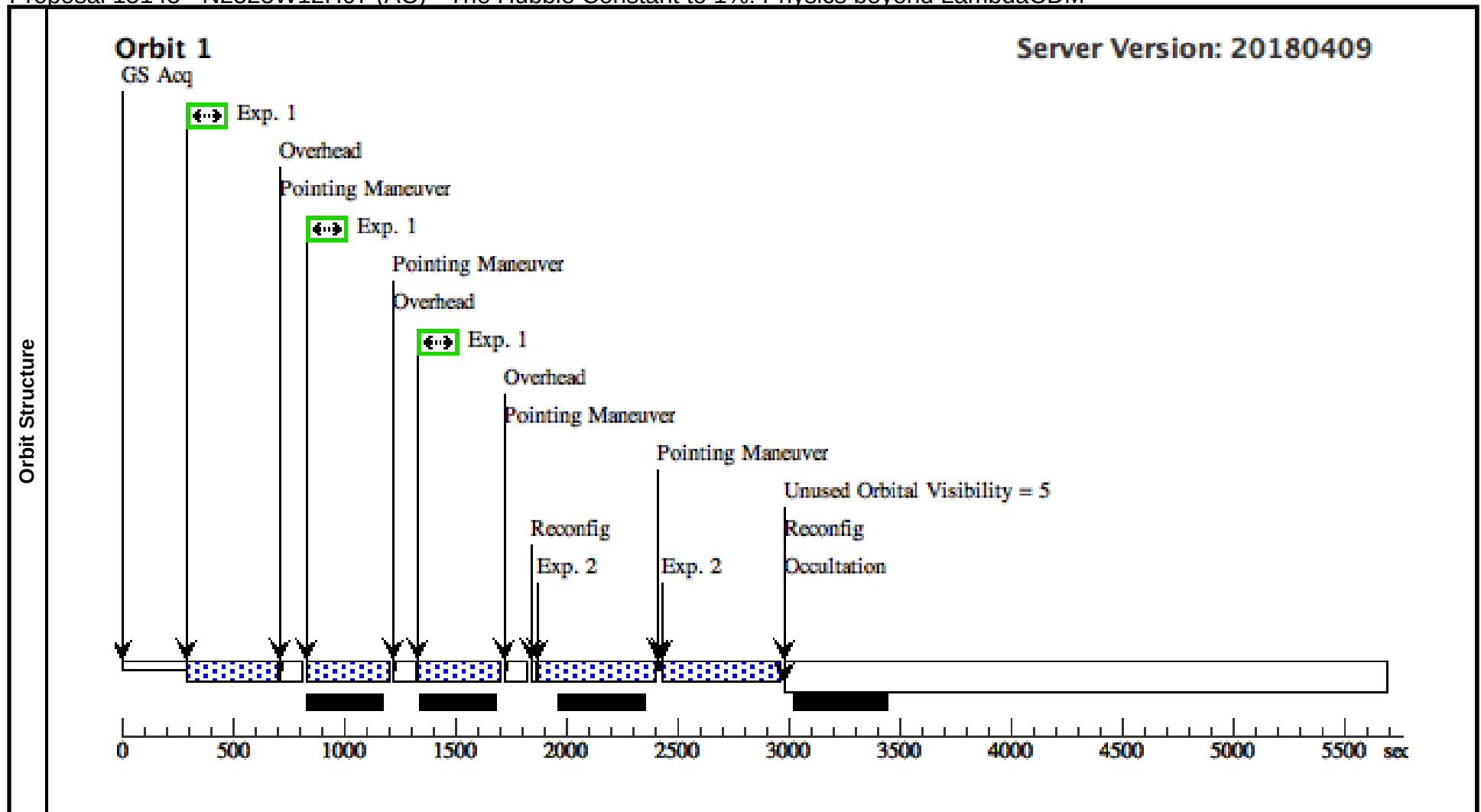
Proposal 15145 - N2525W11H06 (AB) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W11H06 (AB), completed					Wed Oct 31 15:04:00 GMT 2018				
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; AFTER A1 BY 200 D TO 210 D									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=					(1)			
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.636 Line Spacing=					(2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000		V=26.5	Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N2525W11H06 (A B) (2)	376 Secs (1128 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(20) N2525	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N2525W11H06 (A B) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



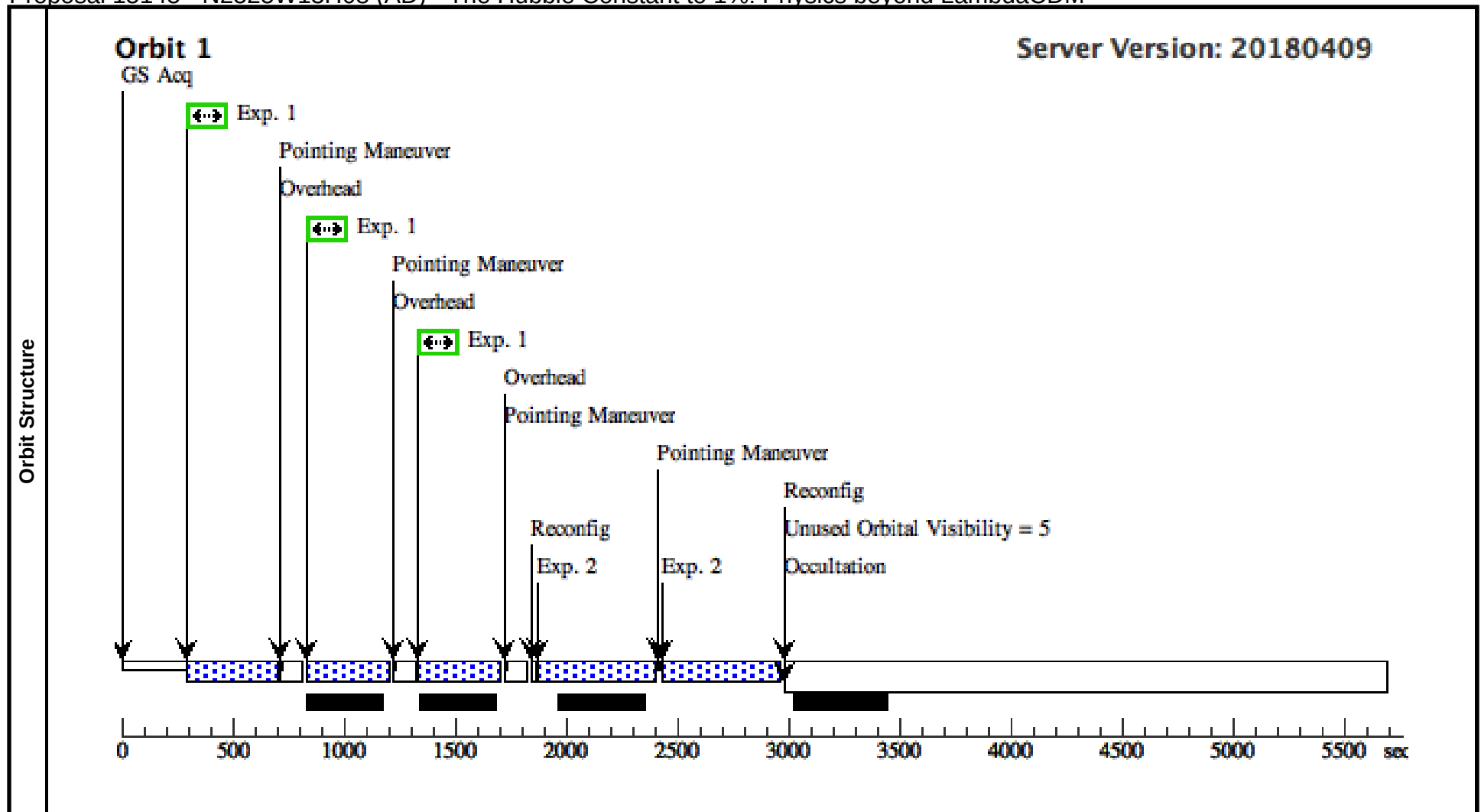
Proposal 15145 - N2525W12H07 (AC) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W12H07 (AC), scheduling						Wed Oct 31 15:04:00 GMT 2018			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; AFTER A1 BY 304 D TO 308 D									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=					(1)			
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.636 Line Spacing=					(2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000			V=26.5	Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N2525W12H07 (AC) (2)	376 Secs (1128 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(20) N2525	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N2525W12H07 (AC) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



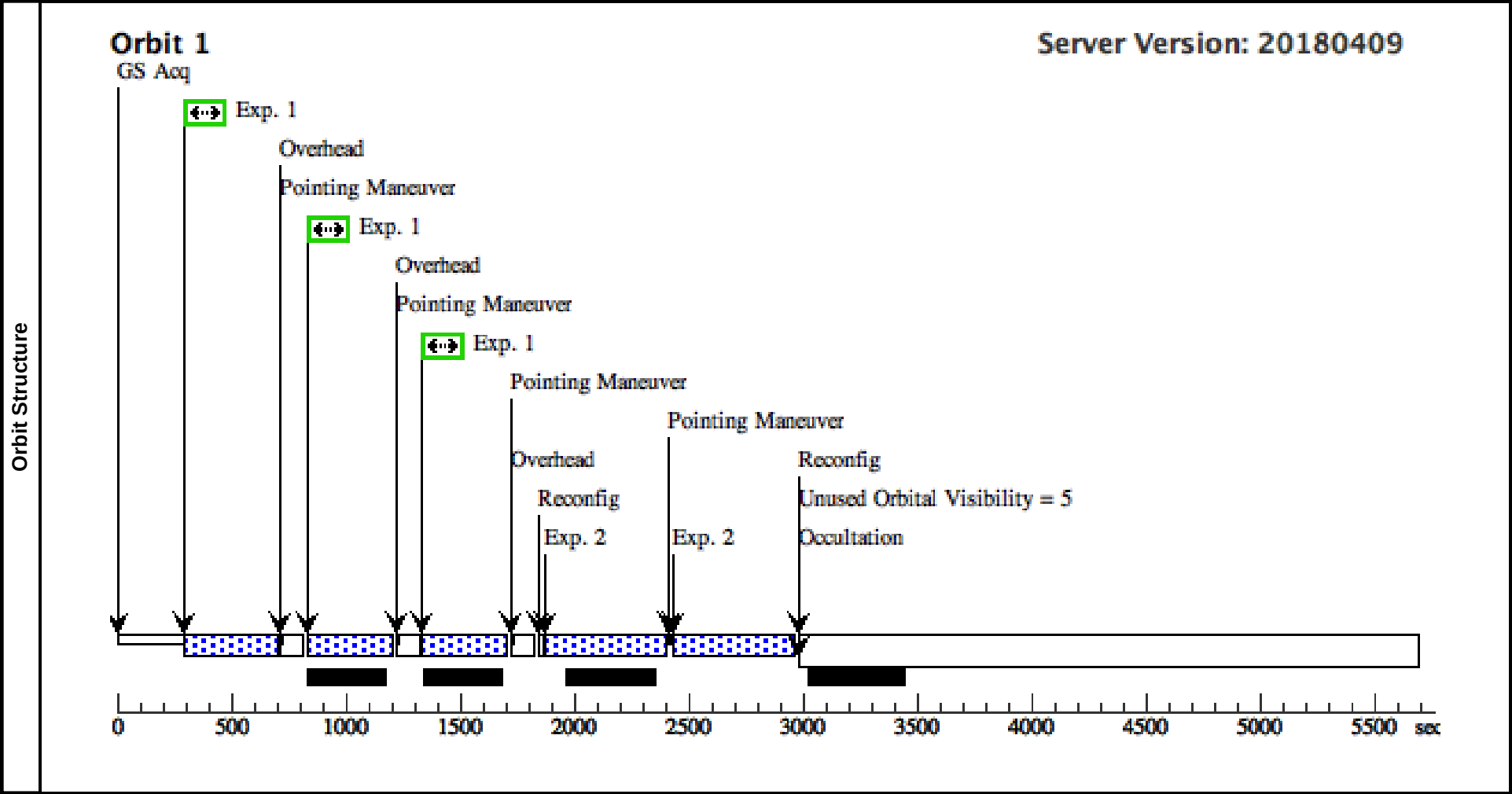
Proposal 15145 - N2525W13H08 (AD) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W13H08 (AD), scheduling						Wed Oct 31 15:04:00 GMT 2018			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; AFTER A1 BY 280 D TO 290 D									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=					(1)			
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.636 Line Spacing=					(2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000			V=26.5	Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N2525W13H08 (AD) (2)	376 Secs (1128 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(20) N2525	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N2525W13H08 (AD) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 15145 - N2525W14H09 (AE) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W14H09 (AE), scheduling						Wed Oct 31 15:04:00 GMT 2018			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; AFTER A1 BY 320 D TO 330 D									
Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)		
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.636 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=41.788 Angle Between Sides= Center Pattern=false				(2)		
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000			V=26.5	Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N2525W14H09 (AE) (2)	376 Secs (1128 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(20) N2525	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N2525W14H09 (AE) (4)	502.936801 Secs (1005.874 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[1]



Proposal 15145 - N2525W15H10 (AF) - The Hubble Constant to 1%: Physics beyond LambdaCDM

Visit	Proposal 15145, N2525W15H10 (AF), scheduling						Wed Oct 31 15:04:00 GMT 2018			
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; SAME ORIENT AS A1; AFTER A1 BY 360 D TO 370 D									
Patterns	#	Primary Pattern			Secondary Pattern		Exposures			
	(2)	Pattern Type=WFC3-UVIS-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=					(1)			
	(4)	Pattern Type=WFC3-IR-DITHER-LINE Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=2 Center Pattern=false Point Spacing=0.636 Line Spacing=					(2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(20)	N2525	RA: 08 05 38.0000 (121.4083333d) Dec: -11 25 37.00 (-11.42694d) Equinox: J2000			V=26.5	Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[SPIRAL] Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) N2525	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 in N2525W15H10 (AF) (2)	376 Secs (1128 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)]	[1]
	2		(20) N2525	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 4, Exps 2-2 in N2525W15H10 (AF) (4)	502.936801 Secs (1005.874 Secs) [=>(Pattern 1)] [=>(Pattern 2)]	[1]

