



15640 - The Search for New Physics Amid the Hubble Constant Tension

Cycle: 26, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) M1337	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:30.0	yes
02	(1) M1337	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:31.0	yes
03	(1) M1337	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:32.0	yes
04	(1) M1337	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:33.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
05	(1) M1337	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:34.0	yes
06	(1) M1337	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:35.0	yes
07	(1) M1337	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:36.0	yes
08	(1) M1337	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:37.0	yes
09	(1) M1337	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:37.0	yes
0A	(1) M1337	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:38.0	yes
0B	(1) M1337	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:39.0	yes
11	(2) N4680	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:41.0	yes
12	(2) N4680	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:42.0	yes
13	(2) N4680	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:42.0	yes
14	(2) N4680	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:43.0	yes
15	(2) N4680	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:44.0	yes
16	(2) N4680	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:45.0	yes
17	(2) N4680	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:46.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
18	(2) N4680	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:46.0	yes
19	(2) N4680	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:47.0	yes
1A	(2) N4680	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:48.0	yes
1B	(2) N4680	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:49.0	yes
21	(3) N5728	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:50.0	yes
22	(3) N5728	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:51.0	yes
23	(3) N5728	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:52.0	yes
24	(3) N5728	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:53.0	yes
25	(3) N5728	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:54.0	yes
26	(3) N5728	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:55.0	yes
27	(3) N5728	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:56.0	yes
28	(3) N5728	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:56.0	yes
29	(3) N5728	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:57.0	yes
2A	(3) N5728	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:00:58.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
2B	(3) N5728	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:00:59.0	yes
31	(4) N7329	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:00.0	yes
32	(4) N7329	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:01.0	yes
33	(4) N7329	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:02.0	yes
34	(4) N7329	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:03.0	yes
35	(4) N7329	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:04.0	yes
36	(4) N7329	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:05.0	yes
37	(4) N7329	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:06.0	yes
38	(4) N7329	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:07.0	yes
39	(4) N7329	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:08.0	yes
3A	(4) N7329	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:09.0	yes
3B	(4) N7329	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:10.0	yes
41	(5) N7678	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:11.0	yes
42	(5) N7678	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:12.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
43	(5) N7678	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:13.0	yes
44	(5) N7678	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:14.0	yes
45	(5) N7678	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:15.0	yes
46	(5) N7678	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:16.0	yes
47	(5) N7678	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:18.0	yes
48	(5) N7678	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:19.0	yes
49	(5) N7678	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:20.0	yes
4A	(5) N7678	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:20.0	yes
4B	(5) N7678	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:21.0	yes
71	(7) N3254	WFC3/UVIS	1	23-Aug-2020 21:01:22.0	yes
72	(7) N3254	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:23.0	yes
73	(7) N3254	WFC3/UVIS	1	23-Aug-2020 21:01:23.0	yes
7D	(7) N3254	WFC3/UVIS	2	23-Aug-2020 21:01:24.0	yes
74	(7) N3254	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:25.0	yes
75	(7) N3254	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:26.0	yes
76	(7) N3254	WFC3/UVIS	1	23-Aug-2020 21:01:26.0	yes

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
77	(7) N3254	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:27.0	yes
78	(7) N3254	WFC3/UVIS	1	23-Aug-2020 21:01:28.0	yes
79	(7) N3254	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:28.0	yes
7A	(7) N3254	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:29.0	yes
7B	(7) N3254	WFC3/UVIS	1	23-Aug-2020 21:01:29.0	yes
7C	(7) N3254	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:30.0	yes
51	(6) U3845	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:31.0	yes
52	(6) U3845	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:32.0	yes
53	(6) U3845	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:33.0	yes
54	(6) U3845	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:34.0	yes
55	(6) U3845	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:35.0	yes
56	(6) U3845	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:36.0	yes
57	(6) U3845	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:37.0	yes
58	(6) U3845	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:38.0	yes
59	(6) U3845	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:38.0	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>
5A	(6) U3845	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:39.0	yes
5B	(6) U3845	WFC3/IR WFC3/UVIS	2	23-Aug-2020 21:01:40.0	yes
80	(8) NGC4258OUTER	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:41.0	yes
81	(8) NGC4258OUTER	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:42.0	yes
82	(8) NGC4258OUTER	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:43.0	yes
83	(8) NGC4258OUTER	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:43.0	yes
99	(9) NGC-5643	WFC3/IR WFC3/UVIS	1	23-Aug-2020 21:01:44.0	yes

129 Total Orbits Used

ABSTRACT

Improved measurements of the Hubble constant demonstrate that the Universe is expanding at present about 9% faster than expected from the LambdaCDM model calibrated to the early Universe, with a significance approaching 4 sigma. The higher, local value has been confirmed by 5 independent, geometric calibrations of Cepheids, now including Gaia DR2 parallaxes. Cepheid relative distances have been confirmed by those from TRGB and Miras. At the other end, the low expected value of H_0 predicted from the early Universe is corroborated by independent measurements of the CMB or Ω_B with BAO data. This " H_0 Tension", as it is widely known, offers the exciting and best opportunity in decades of discovering new fundamental physics such as exotic dark energy, a new relativistic particle, dark matter-radiation interactions or a small curvature, each producing a different-sized shift. Pinpointing the cause of the tension requires continued focus on precision and accuracy in the local measurements. After Gaia, the small number of SNe Ia calibrated with Cepheids will dominate the final error. A modest tweak in the observing strategy can provide a 50%-70% boost in the volume and sample reachable by Cepheids. We propose a two-in-one program to achieve a dual purpose: to extend the range of Cepheid measurements to increase the sample of Cepheid/SN Ia hosts and the precision of H_0 , opening a path to reach 1%, while simultaneously confirming the tension with a simpler route that is independent of SNe Ia, the only part of the distance ladder without

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independent corroboration. On the cusp of a possible breakthrough, an investment is needed to pinpoint the cause of the tension.

OBSERVING DESCRIPTION

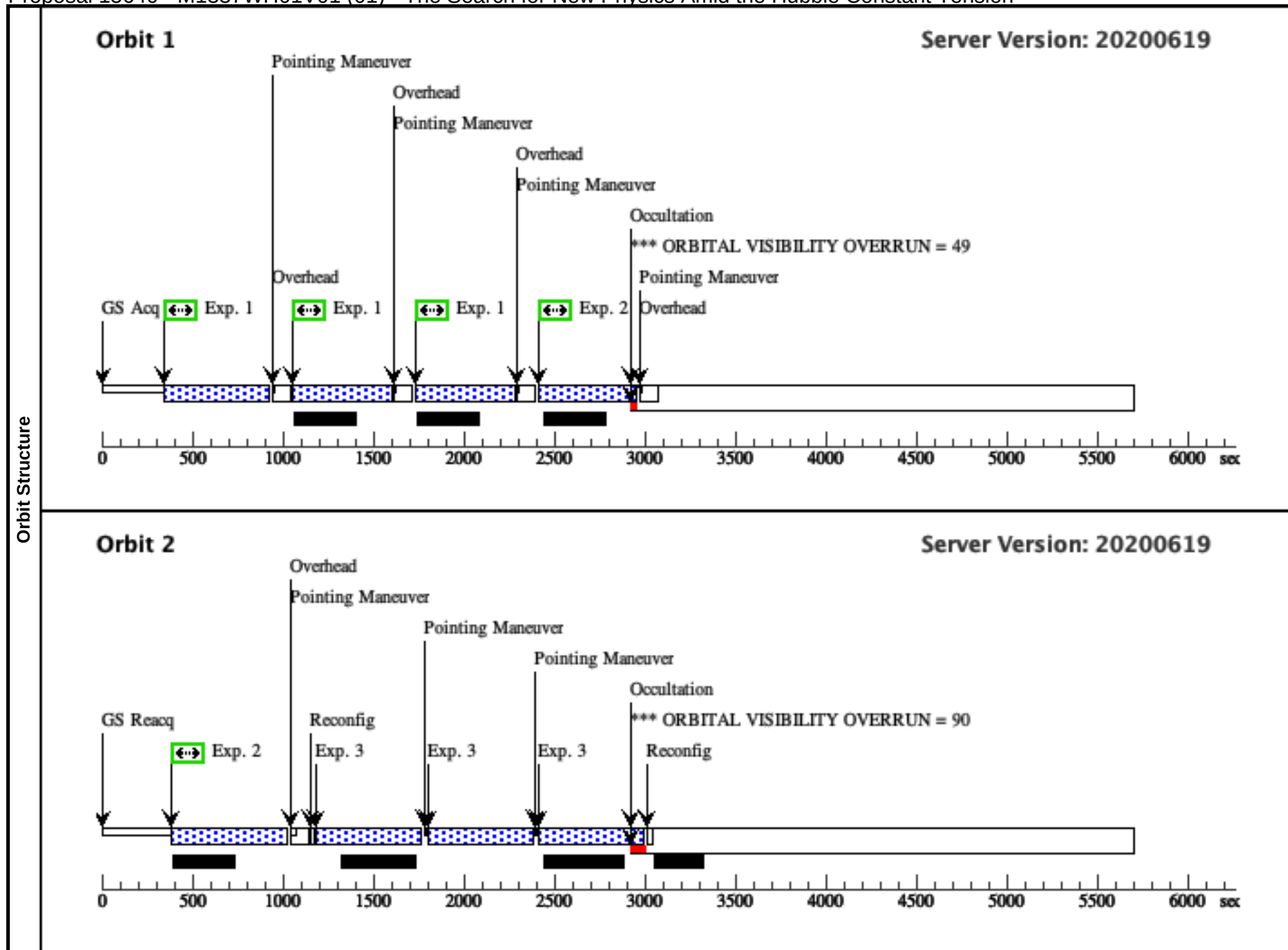
Time-series observations of extragalactic Cepheids in five host galaxies, using WFC3/UVIS and /IR.

Proposal 15640 - M1337WH01V01 (01) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, M1337WH01V01 (01), completed Mon Aug 24 01:01:45 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; ORIENT 110D TO 120 D				
Diagnostics	(M1337WH01V01 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(M1337WH01V01 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(1)	M1337	RA: 12 52 34.7095 (193.1446229d) Dec: -09 46 35.72 (-9.77659d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - M1337WH01V01 (01) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 4, Exps 1-1 i n M1337WH01V01 (01) (4)	550 Secs (1650 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F555W			Pattern 1, Exps 2-2 i n M1337WH01V01 (01) (1)	520 Secs (1160 Secs) [==>(Pattern 1)]	
								[==>640.0 Secs (Pattern 2)]	[2]	
	3		(1) M1337	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50	POS TARG null,-10	Pattern 5, Exps 3-3 i n M1337WH01V01 (01) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]



Proposal 15640 - M1337WH02I01 (02) - The Search for New Physics Amid the Hubble Constant Tension

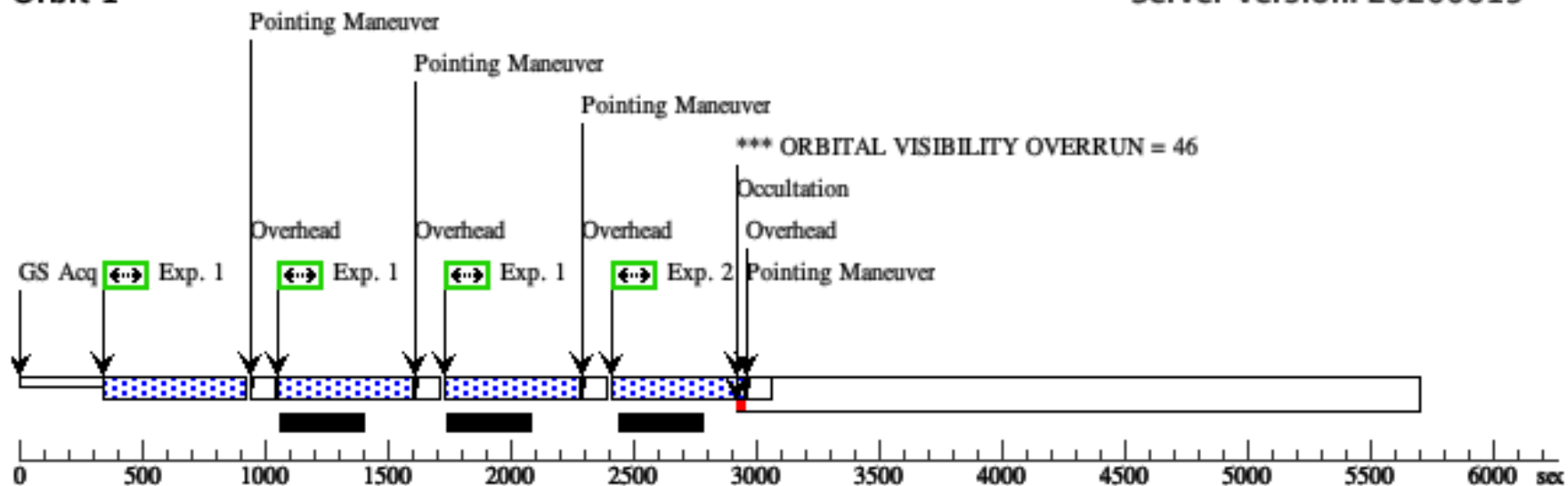
Visit	Proposal 15640, M1337WH02I01 (02), completed Mon Aug 24 01:01:45 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 01; AFTER 01 BY 13.76 D TO 14.76 D				
Diagnostics	(M1337WH02I01 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (M1337WH02I01 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(1)	M1337	RA: 12 52 34.7095 (193.1446229d) Dec: -09 46 35.72 (-9.77659d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Miscellaneous Reference Frame: SIMBAD					

Proposal 15640 - M1337WH02I01 (02) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 4, Exps 1-1 i n M1337WH02I01 (02) (4)	550 Secs (1650 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F814W			Pattern 1, Exps 2-2 i n M1337WH02I01 (02) (1)	520 Secs (1160 Secs) [==>(Pattern 1)]	
								[==>640.0 Secs (Pattern 2)]	[2]	
	3		(1) M1337	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50	POS TARG null,-10	Pattern 5, Exps 3-3 i n M1337WH02I01 (02) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]

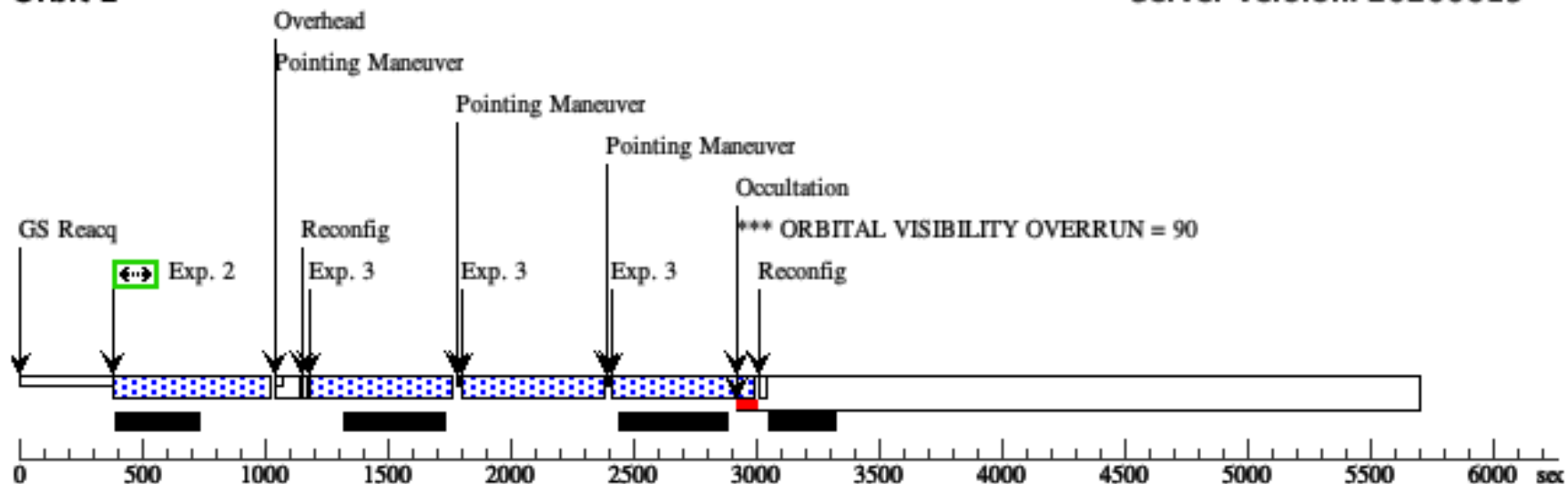
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - M1337WH03V02 (03) - The Search for New Physics Amid the Hubble Constant Tension

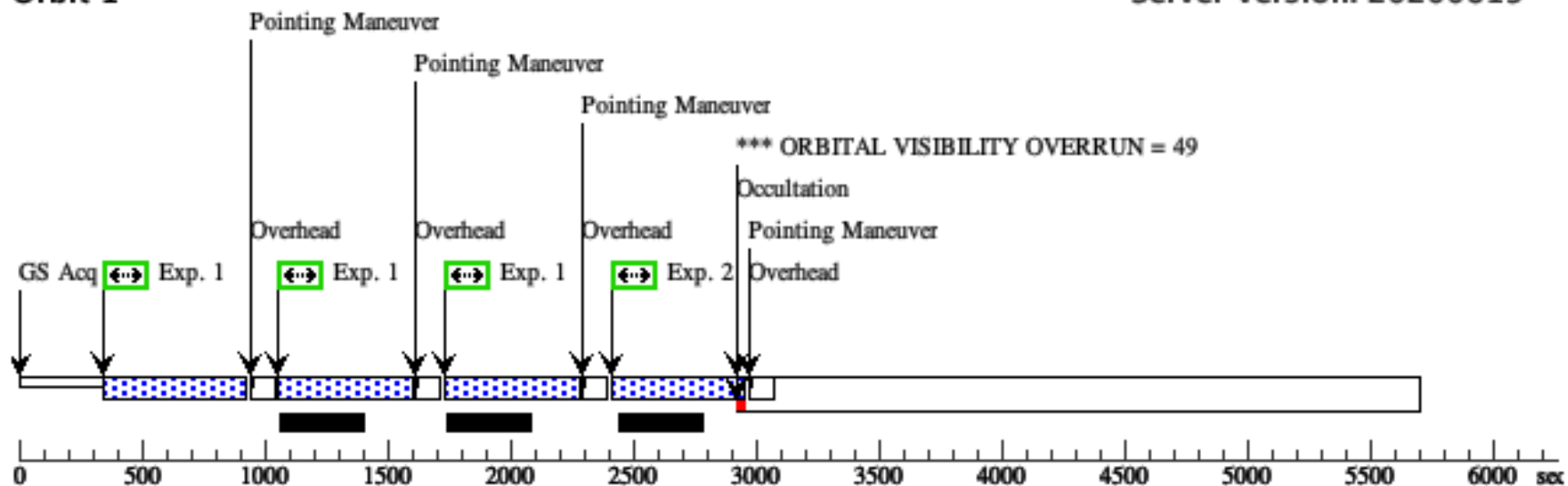
Visit	Proposal 15640, M1337WH03V02 (03), completed Mon Aug 24 01:01:45 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 01; AFTER 01 BY 27.28 D TO 28.28 D				
Diagnostics	(M1337WH03V02 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(M1337WH03V02 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(1)	M1337	RA: 12 52 34.7095 (193.1446229d) Dec: -09 46 35.72 (-9.77659d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - M1337WH03V02 (03) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 4, Exps 1-1 i n M1337WH03V02 (03) (4)	550 Secs (1650 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F555W			Pattern 1, Exps 2-2 i n M1337WH03V02 (03) (1)	520 Secs (1160 Secs) [==>(Pattern 1)]	
								[==>640.0 Secs (Pattern 2)]	[2]	
	3		(1) M1337	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50	POS TARG null,-10	Pattern 5, Exps 3-3 i n M1337WH03V02 (03) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]

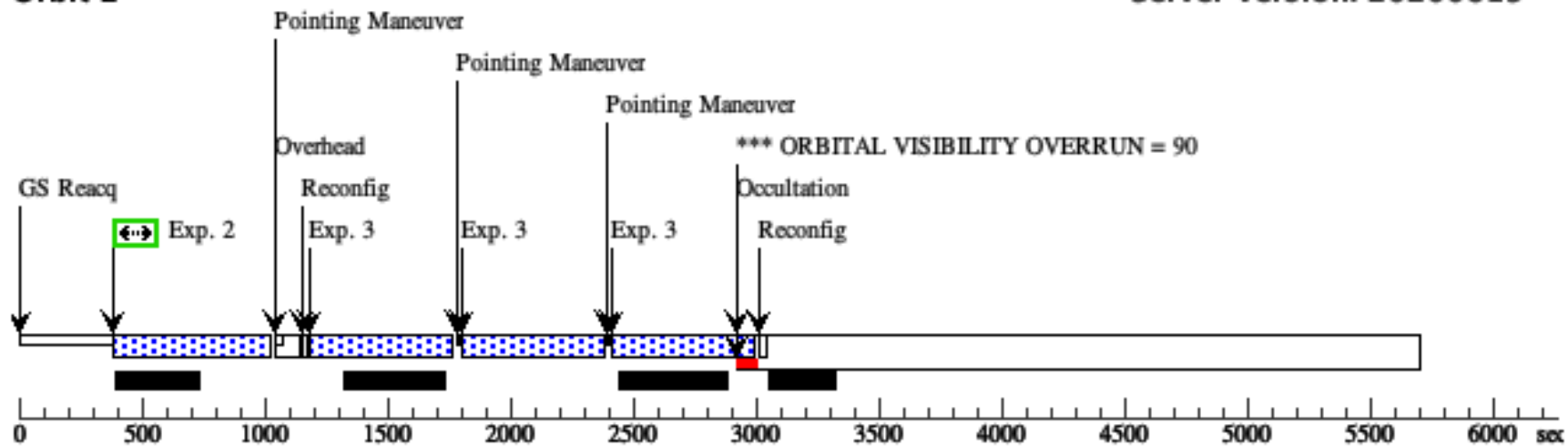
Orbit 1

Server Version: 20200619



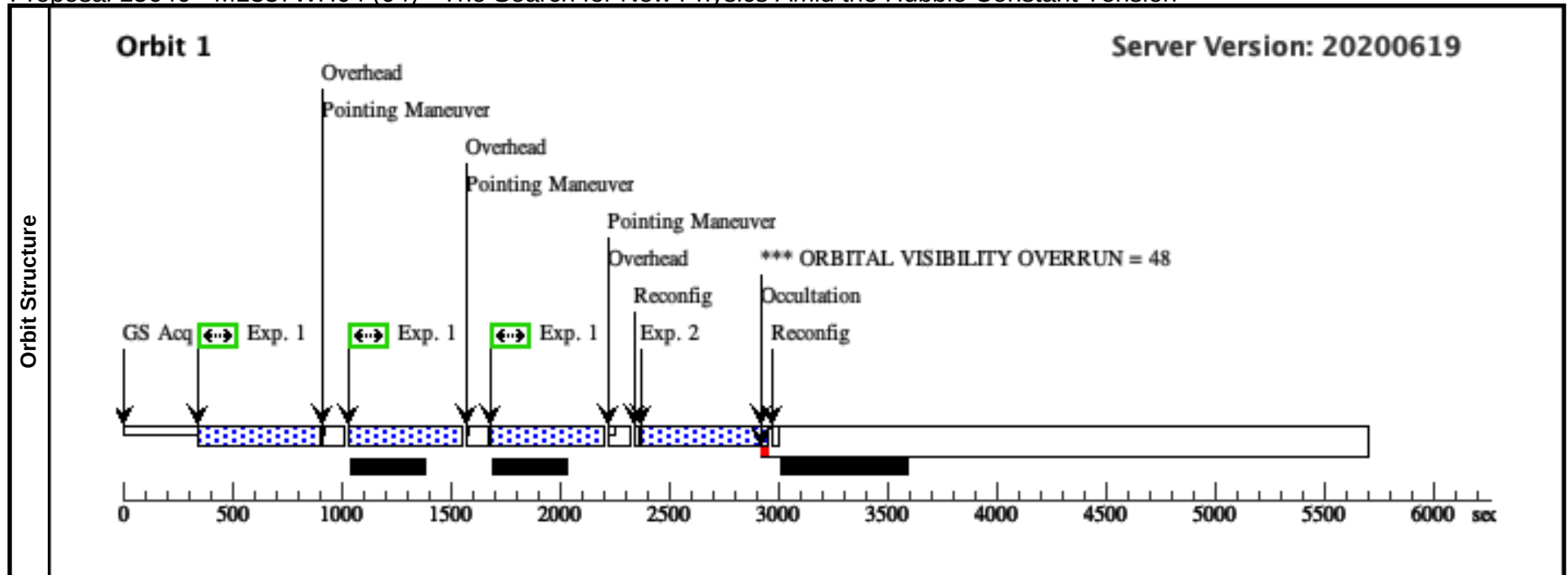
Orbit 2

Server Version: 20200619



Proposal 15640 - M1337WH04 (04) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, M1337WH04 (04), completed										Mon Aug 24 01:01:45 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 01; AFTER 01 BY 39.86 D TO 40.86 D													
Diagnostics	(M1337WH04 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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)	M1337		RA: 12 52 34.7095 (193.1446229d) Dec: -09 46 35.72 (-9.77659d) Equinox: J2000				V=25		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) M1337	WFC3/UVIS, ACCUM, UVIS2		F350LP			Pattern 4, Exps 1-1 in M1337WH04 (04) (4)	527 Secs (1581 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(1) M1337	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=12; SAMP-SEQ=SPAR S50	POS TARG null,-10			552.937252 Secs (552.937 Secs) [==>]		[1]	



Proposal 15640 - M1337WH05I02 (05) - The Search for New Physics Amid the Hubble Constant Tension

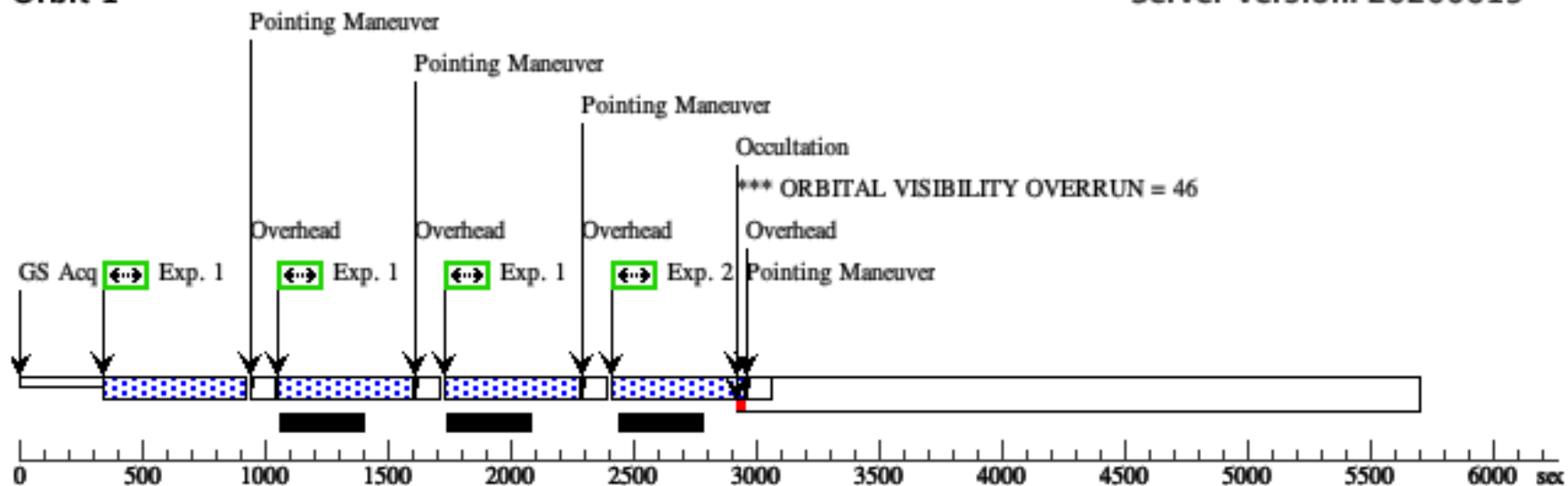
Visit	Proposal 15640, M1337WH05I02 (05), completed Mon Aug 24 01:01:45 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 01; AFTER 01 BY 51.92 D TO 52.92 D				
Diagnostics	(M1337WH05I02 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(M1337WH05I02 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(1)	M1337	RA: 12 52 34.7095 (193.1446229d) Dec: -09 46 35.72 (-9.77659d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - M1337WH05I02 (05) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 4, Exps 1-1 i n M1337WH05I02 (05) (4)	550 Secs (1650 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F814W			Pattern 1, Exps 2-2 i n M1337WH05I02 (05) (1)	520 Secs (1160 Secs) [==>(Pattern 1)]	
								[==>640.0 Secs (Pattern 2)]	[2]	
	3		(1) M1337	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50	POS TARG null,-10	Pattern 5, Exps 3-3 i n M1337WH05I02 (05) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]

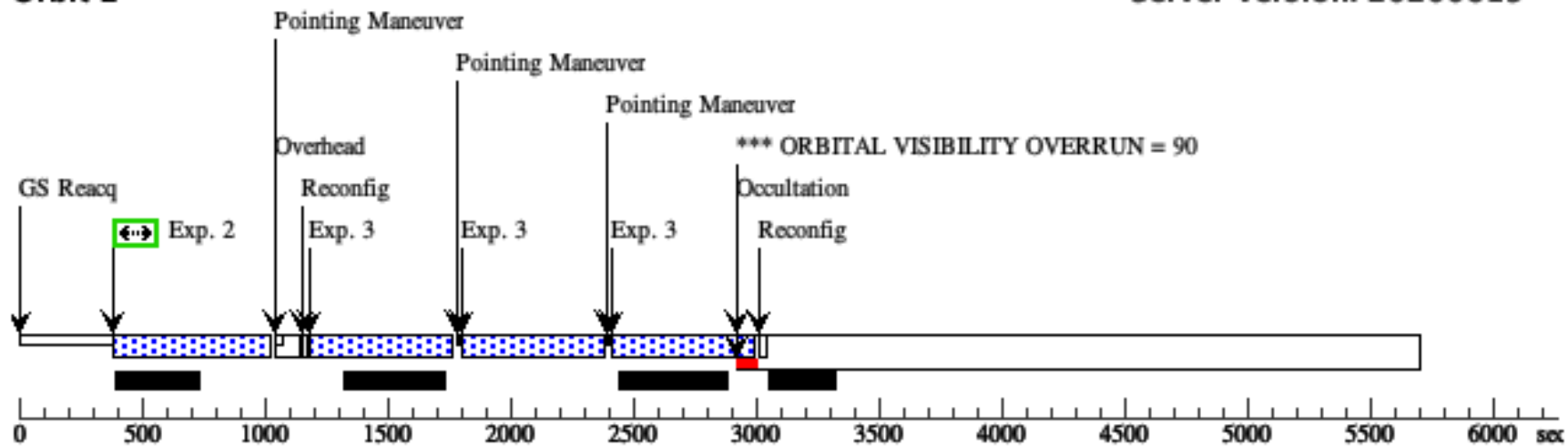
Orbit 1

Server Version: 20200619



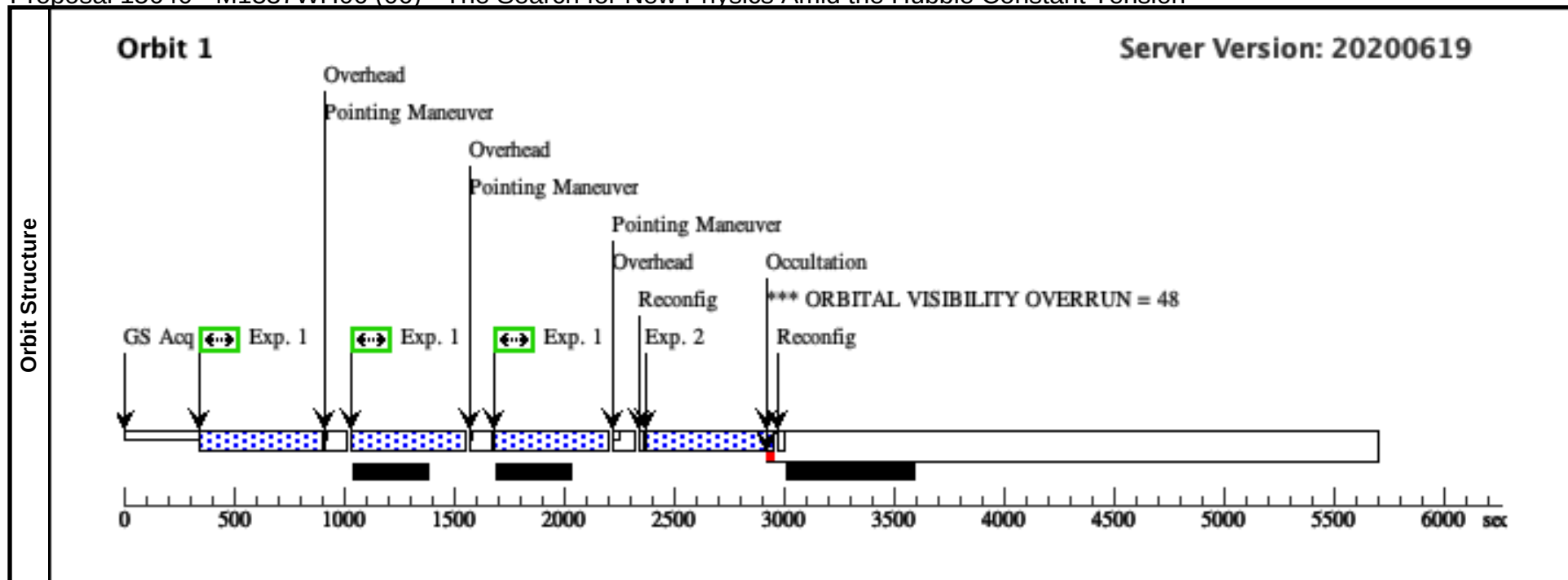
Orbit 2

Server Version: 20200619



Proposal 15640 - M1337WH06 (06) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, M1337WH06 (06), completed										Mon Aug 24 01:01:45 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 01; AFTER 01 BY 62.91 D TO 63.91 D													
Diagnostics	(M1337WH06 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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)	M1337		RA: 12 52 34.7095 (193.1446229d) Dec: -09 46 35.72 (-9.77659d) Equinox: J2000				V=25		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) M1337	WFC3/UVIS, ACCUM, UVIS2		F350LP			Pattern 4, Exps 1-1 in M1337WH06 (06) (4)	527 Secs (1581 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(1) M1337	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=12; SAMP-SEQ=SPAR S50	POS TARG null,-10			552.937252 Secs (552.937 Secs) [==>]		[1]	



Proposal 15640 - M1337WH07V03 (07) - The Search for New Physics Amid the Hubble Constant Tension

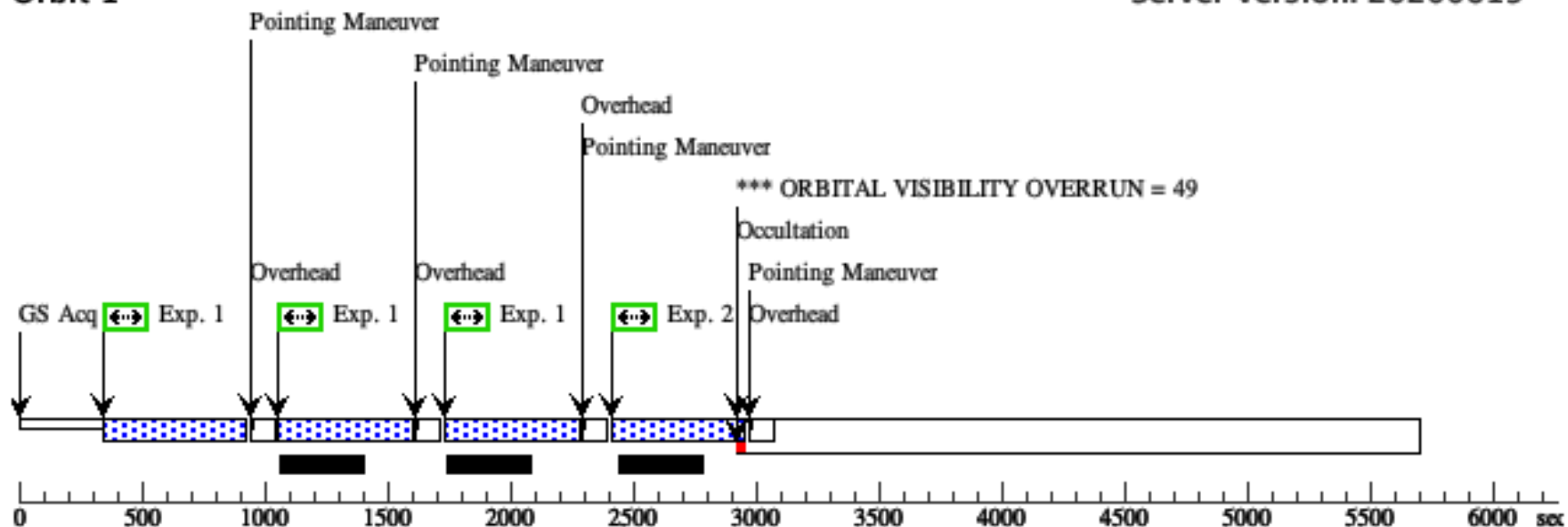
Visit	Proposal 15640, M1337WH07V03 (07), completed Mon Aug 24 01:01:45 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 01; AFTER 01 BY 72.83 D TO 73.83 D				
Diagnostics	(M1337WH07V03 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(M1337WH07V03 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(1)	M1337	RA: 12 52 34.7095 (193.1446229d) Dec: -09 46 35.72 (-9.77659d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - M1337WH07V03 (07) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 4, Exps 1-1 i n M1337WH07V03 (07) (4)	550 Secs (1650 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F555W			Pattern 1, Exps 2-2 i n M1337WH07V03 (07) (1)	520 Secs (1160 Secs) [==>(Pattern 1)]	
								[==>640.0 Secs (Pattern 2)]	[2]	
	3		(1) M1337	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50	POS TARG null,-10	Pattern 5, Exps 3-3 i n M1337WH07V03 (07) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]

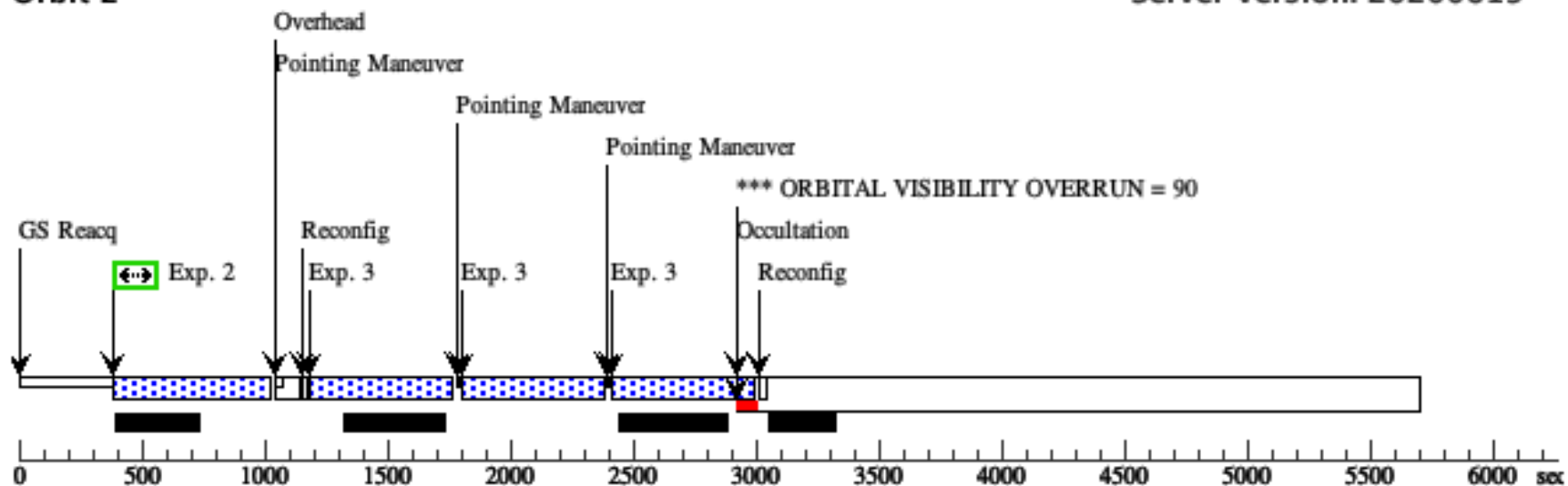
Orbit 1

Server Version: 20200619



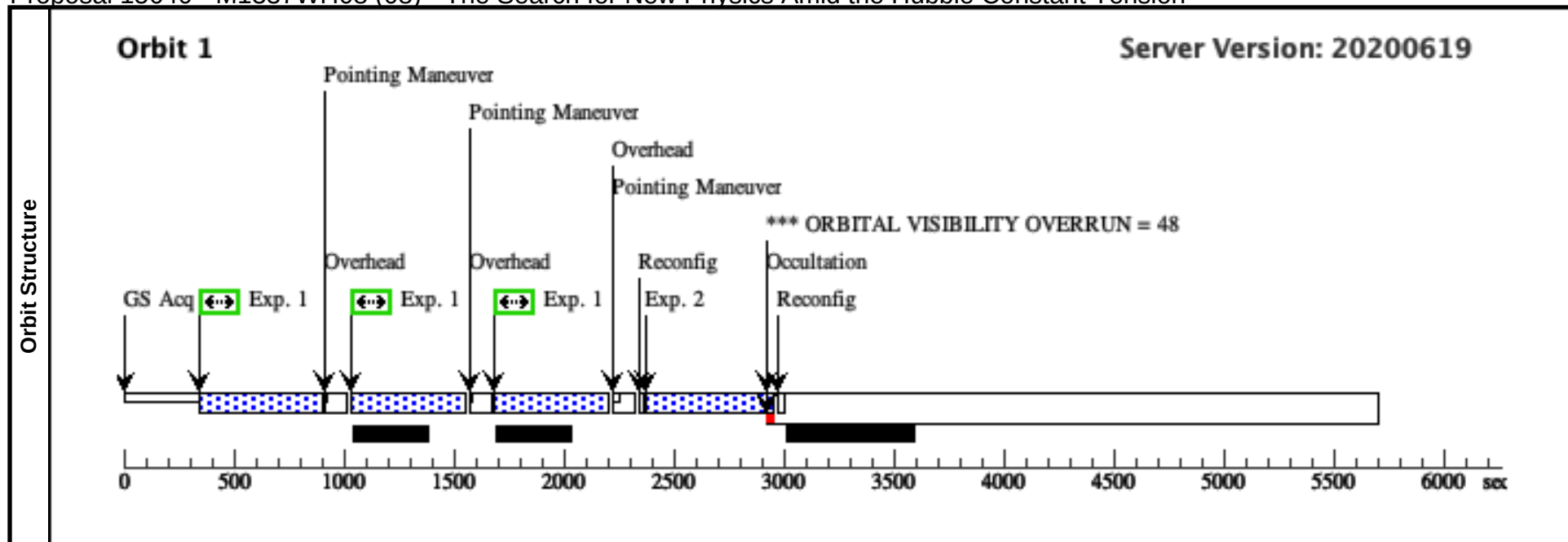
Orbit 2

Server Version: 20200619



Proposal 15640 - M1337WH08 (08) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, M1337WH08 (08), completed										Mon Aug 24 01:01:45 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 07; AFTER 01 BY 81.55 D TO 82.55 D													
Diagnostics	(M1337WH08 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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)	M1337		RA: 12 52 34.7095 (193.1446229d) Dec: -09 46 35.72 (-9.77659d) Equinox: J2000				V=25		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) M1337	WFC3/UVIS, ACCUM, UVIS2		F350LP			Pattern 4, Exps 1-1 in M1337WH08 (08) (4)	527 Secs (1581 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(1) M1337	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=12; SAMP-SEQ=SPAR S50	POS TARG null,-10			552.937252 Secs (552.937 Secs) [==>]		[1]	



Proposal 15640 - M1337WH09I03 (09) - The Search for New Physics Amid the Hubble Constant Tension

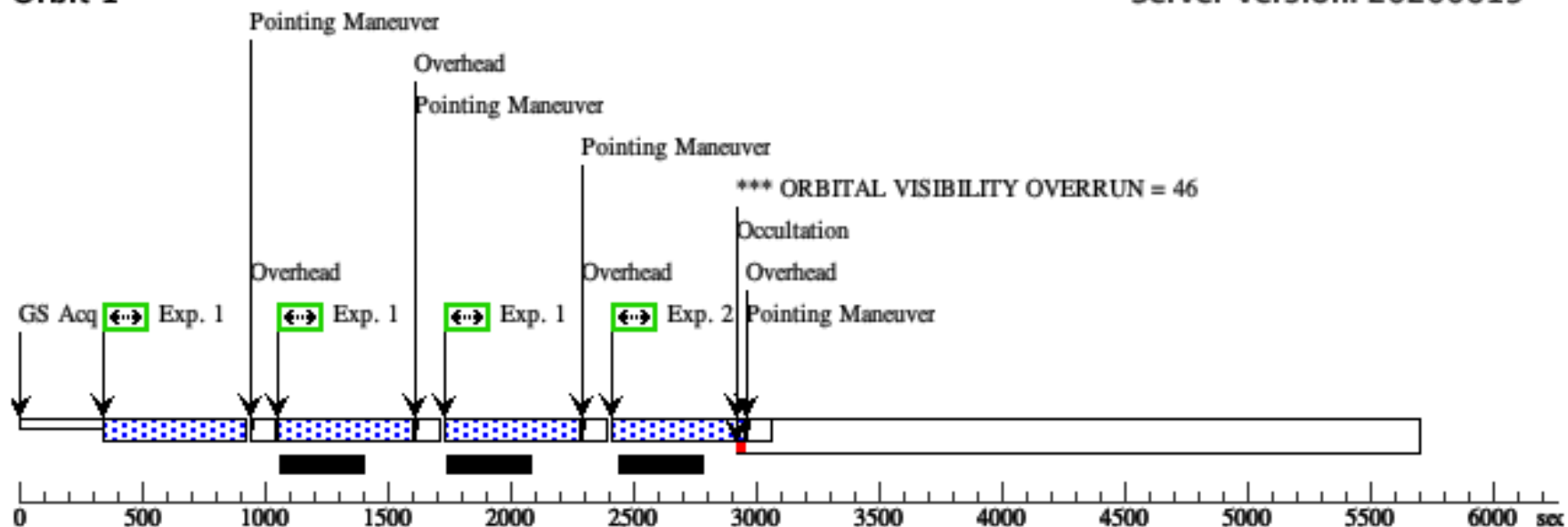
Visit	Proposal 15640, M1337WH09I03 (09), completed Mon Aug 24 01:01:46 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 07; AFTER 01 BY 89.73 D TO 90.73 D				
Diagnostics	(M1337WH09I03 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(M1337WH09I03 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(1)	M1337	RA: 12 52 34.7095 (193.1446229d) Dec: -09 46 35.72 (-9.77659d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - M1337WH09I03 (09) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 4, Exps 1-1 i n M1337WH09I03 (09) (4)	550 Secs (1650 Secs)	
									[==>(Pattern 1)]	[1]
									[==>(Pattern 2)]	
									[==>(Pattern 3)]	
	2		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F814W			Pattern 1, Exps 2-2 i n M1337WH09I03 (09) (1)	520 Secs (1160 Secs)	
									[==>(Pattern 1)]	[1]
									[==>640.0 Secs (Pattern 2)]	[2]
	3		(1) M1337	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50	POS TARG null,-10	Pattern 5, Exps 3-3 i n M1337WH09I03 (09) (5)	552.937252 Secs (1658.812 Secs)	
									[==>(Pattern 1)]	[2]
									[==>(Pattern 2)]	
									[==>(Pattern 3)]	

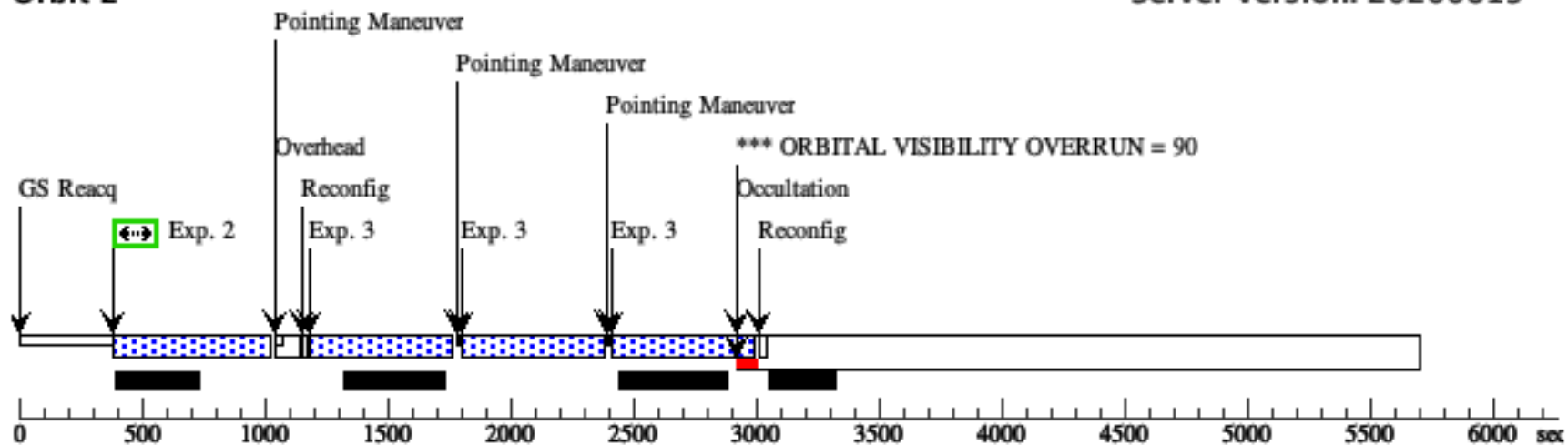
Orbit 1

Server Version: 20200619



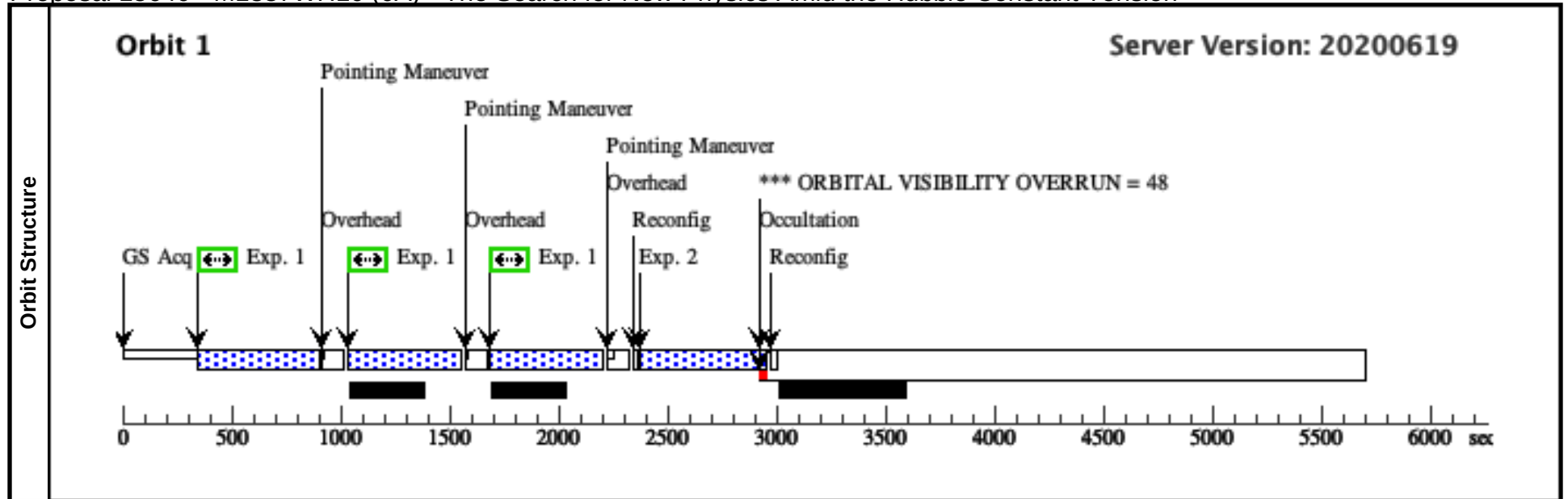
Orbit 2

Server Version: 20200619



Proposal 15640 - M1337WH10 (0A) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, M1337WH10 (0A), completed										Mon Aug 24 01:01:46 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 07; AFTER 01 BY 97.50 D TO 98.50 D										
Diagnostics	(M1337WH10 (0A)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(4)	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)	M1337	RA: 12 52 34.7095 (193.1446229d) Dec: -09 46 35.72 (-9.77659d) Equinox: J2000				V=25		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) M1337	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 4, Exps 1-1 in M1337WH10 (0A) (4)	527 Secs (1581 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]
	2		(1) M1337	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50	POS TARG null,-10		552.937252 Secs (552.937 Secs) [==>]		[1]



Proposal 15640 - M1337WH11I04 (0B) - The Search for New Physics Amid the Hubble Constant Tension

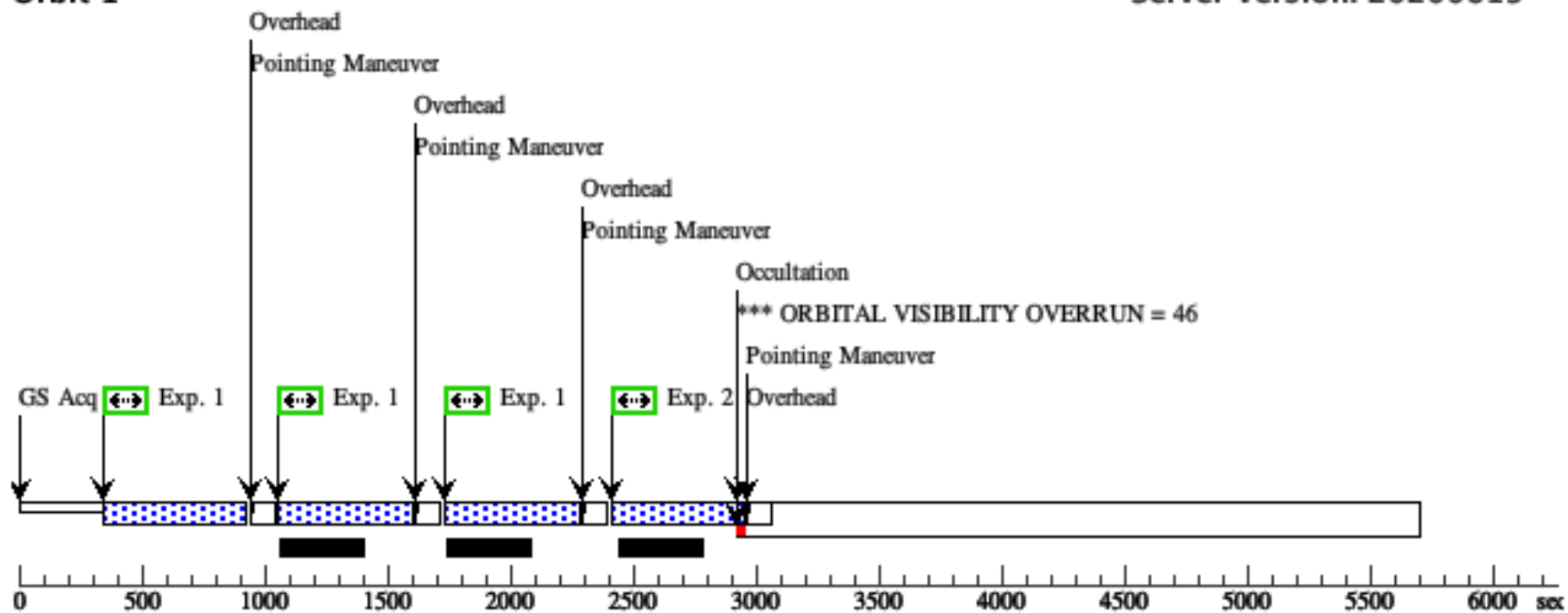
Visit	Proposal 15640, M1337WH11I04 (0B), completed Mon Aug 24 01:01:46 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 07; AFTER 01 BY 104.5 D TO 105.5 D				
Diagnostics	(M1337WH11I04 (0B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(M1337WH11I04 (0B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(1)	M1337	RA: 12 52 34.7095 (193.1446229d) Dec: -09 46 35.72 (-9.77659d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

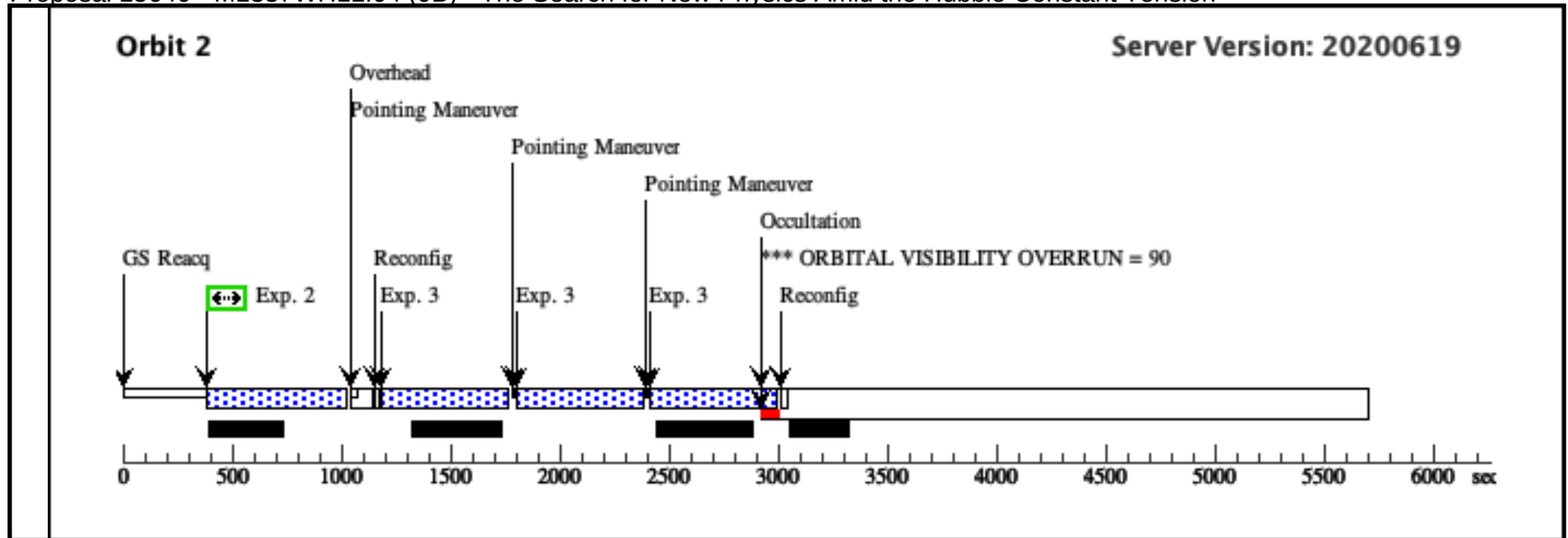
Proposal 15640 - M1337WH11I04 (0B) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 4, Exps 1-1 i n M1337WH11I04 (0B) (4)	550 Secs (1650 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(1) M1337	WFC3/UVIS, ACCUM, UVIS2	F814W			Pattern 1, Exps 2-2 i n M1337WH11I04 (0B) (1)	520 Secs (1160 Secs) [==>(Pattern 1)] [==>640.0 Secs (Pattern 2)]	[1] [2]
	3		(1) M1337	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50	POS TARG null,-10	Pattern 5, Exps 3-3 i n M1337WH11I04 (0B) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]

Orbit 1

Server Version: 20200619



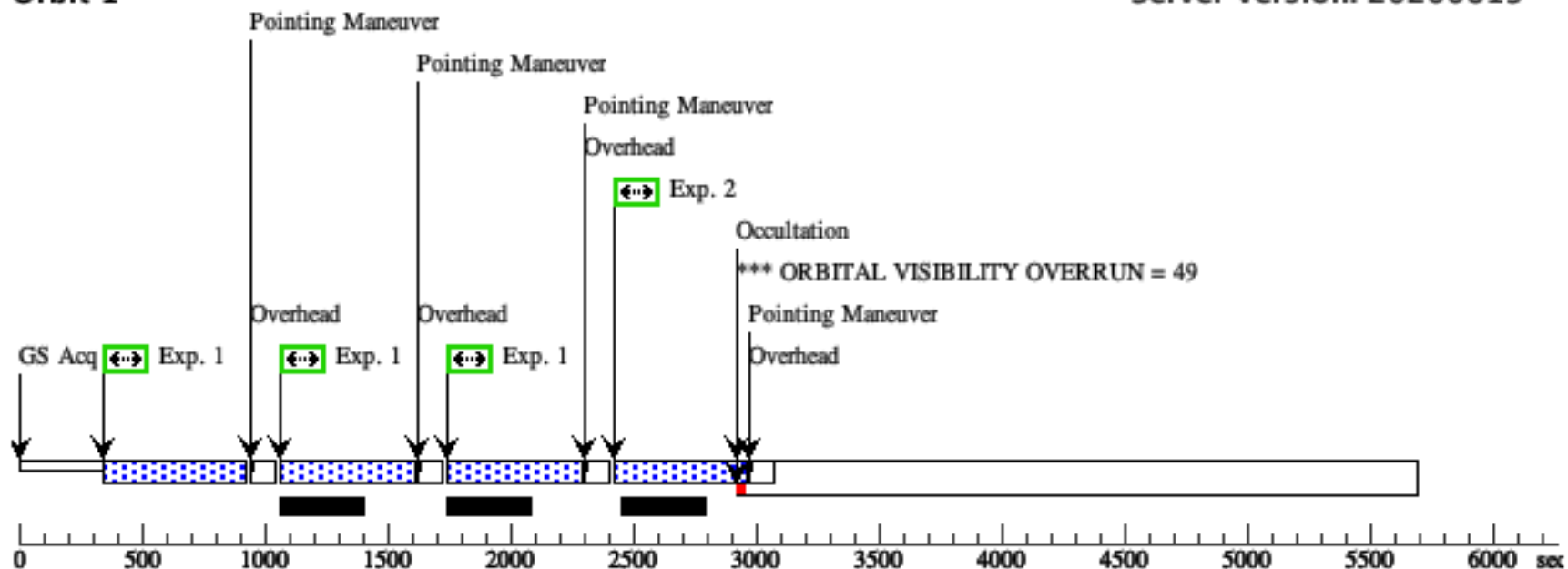


Proposal 15640 - N4680WH01V01 (11) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N4680WH01V01 (11), completed										Mon Aug 24 01:01:46 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 110D TO 120 D												
Diagnostics	(N4680WH01V01 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N4680WH01V01 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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), (2)	
	(6)	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				
	(2)	N4680	RA: 12 46 54.7490 (191.7281208d) Dec: -11 38 13.34 (-11.63704d) Equinox: J2000				V=25		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) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 in N4680WH01V01 (11) (4)	550 Secs (1659 Secs) [==>553.0 Secs (Pattern 1)] [==>553.0 Secs (Pattern 2)] [==>553.0 Secs (Pattern 3)]		[1]		
	2		(2) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 4, Exps 2-2 in N4680WH01V01 (11) (4)	513 Secs (1542 Secs) [==>516.0 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1] [2]		
	3		(2) N4680	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 in N4680WH01V01 (11) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[2]		

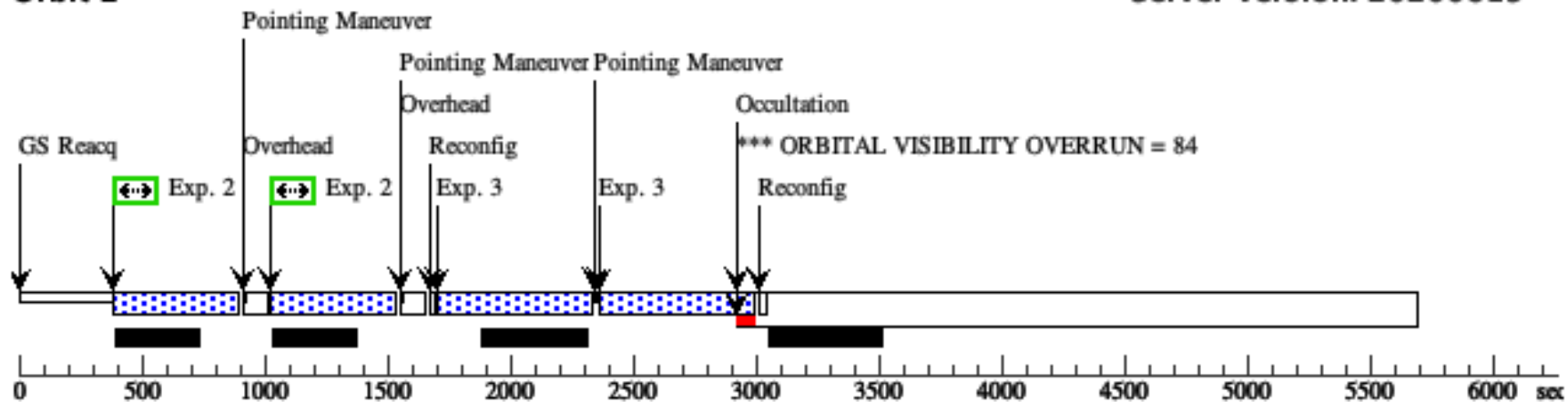
Orbit 1

Server Version: 20200619



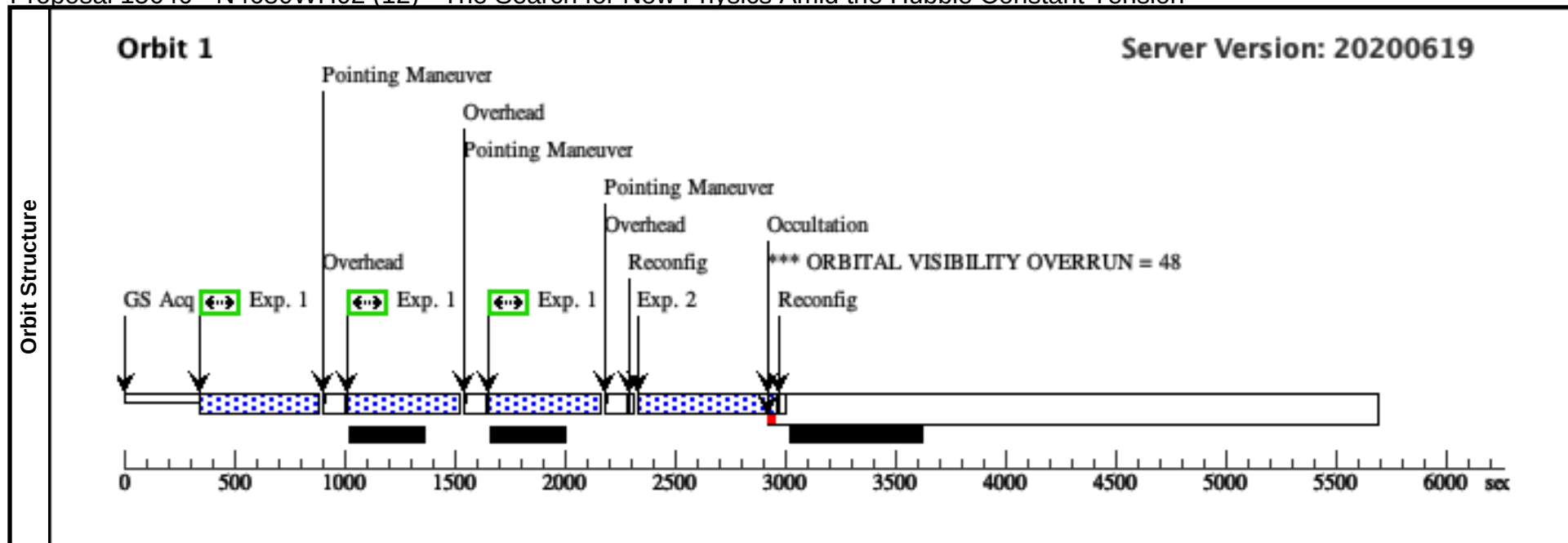
Orbit 2

Server Version: 20200619



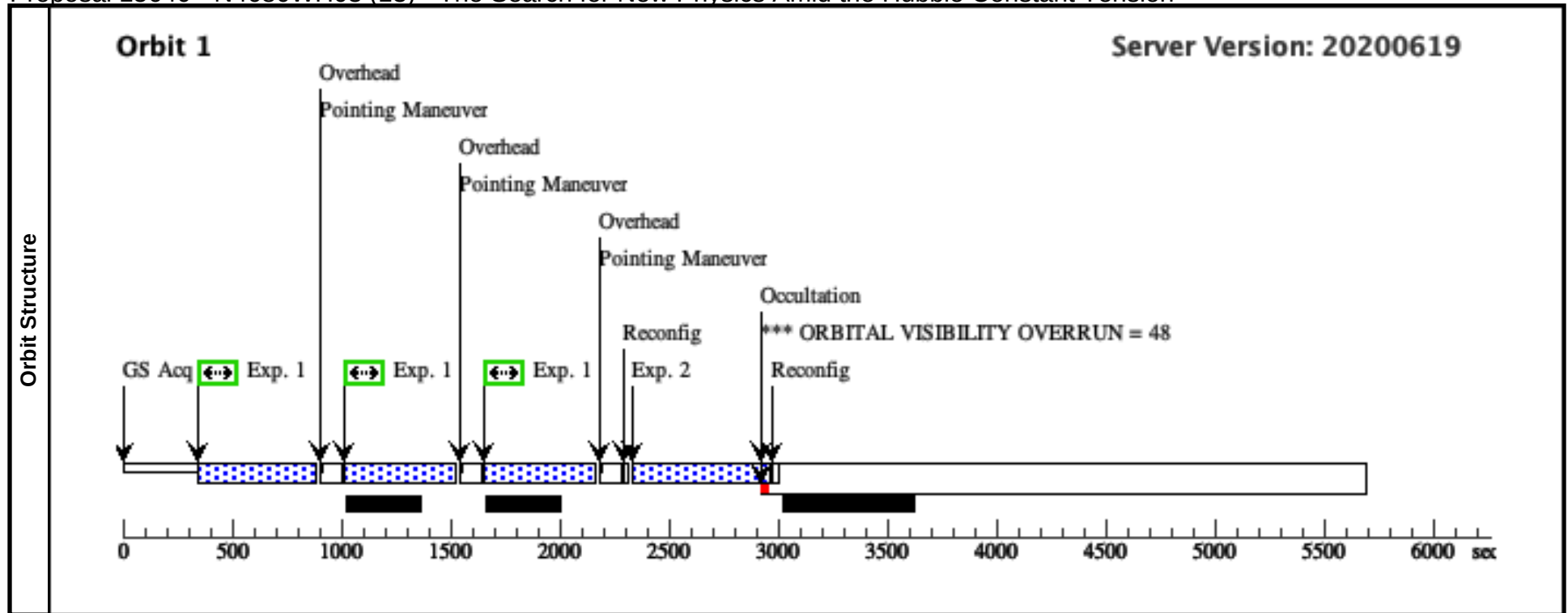
Proposal 15640 - N4680WH02 (12) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N4680WH02 (12), completed										Mon Aug 24 01:01:46 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 13.76 D TO 14.76 D													
Diagnostics	(N4680WH02 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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)	N4680		RA: 12 46 54.7490 (191.7281208d) Dec: -11 38 13.34 (-11.63704d) Equinox: J2000				V=25		Reference Frame: SIMBAD				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
	Category=GALAXY													
Exposures	Description=[SPIRAL]													
	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(2) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 i n N4680WH02 (12) (4)	512 Secs (1536 Secs)				
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(2) N4680	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			602.937703 Secs (602.938 Secs)				
										[==>]		[1]		



Proposal 15640 - N4680WH03 (13) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N4680WH03 (13), completed										Mon Aug 24 01:01:46 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 27.28 D TO 28.28 D													
Diagnostics	(N4680WH03 (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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)	N4680		RA: 12 46 54.7490 (191.7281208d) Dec: -11 38 13.34 (-11.63704d) Equinox: J2000				V=25		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) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 i n N4680WH03 (13) (4)	512 Secs (1536 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(2) N4680	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50				602.937703 Secs (602.938 Secs) [==>]		[1]	

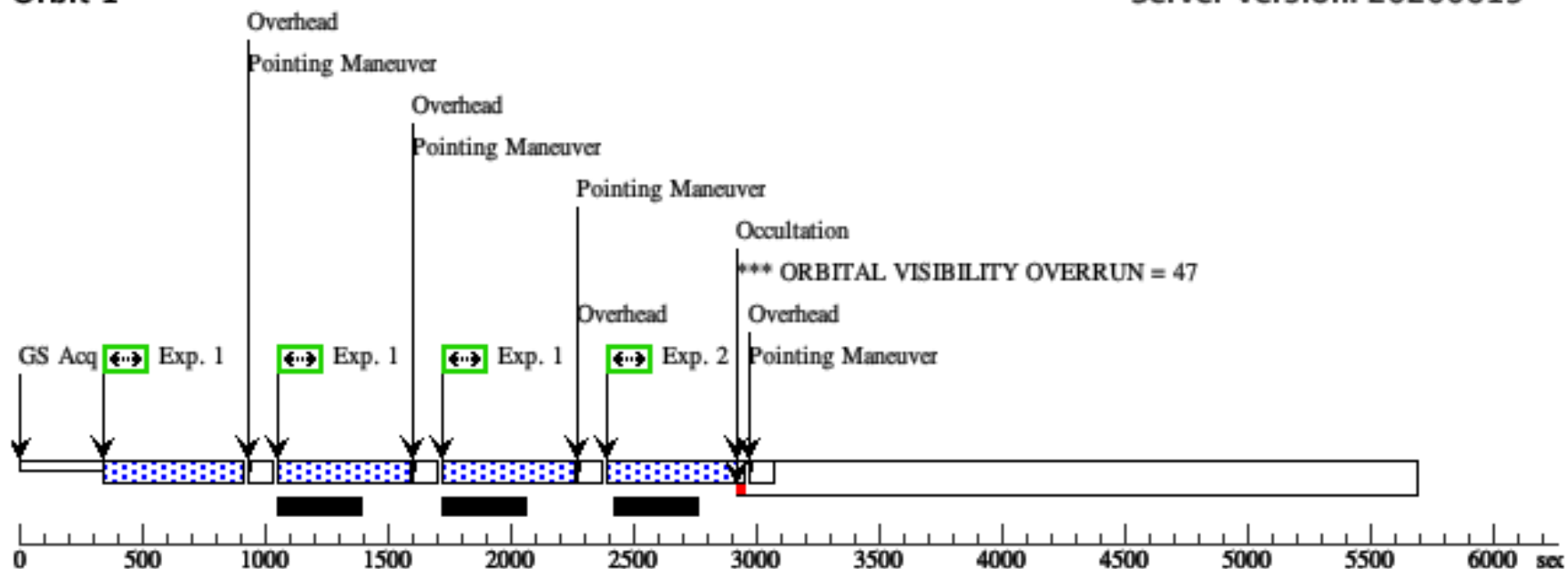


Proposal 15640 - N4680WH04I01 (14) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N4680WH04I01 (14), completed										Mon Aug 24 01:01:46 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 39.86 D TO 40.86 D										
Diagnostics	(N4680WH04I01 (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(N4680WH04I01 (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(4)	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), (2)
	(6)	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		
	(2)	N4680	RA: 12 46 54.7490 (191.7281208d) Dec: -11 38 13.34 (-11.63704d) Equinox: J2000				V=25		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) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 in N4680WH04I01 (14) (4)	512 Secs (1632 Secs) [==>544.0 Secs (Pattern 1)] [==>544.0 Secs (Pattern 2)] [==>544.0 Secs (Pattern 3)]		
										[1]	
	2		(2) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 4, Exps 2-2 in N4680WH04I01 (14) (4)	512 Secs (1568 Secs) [==>544.0 Secs (Pattern 1)]		
									[==>(Pattern 2)] [==>(Pattern 3)]	[1] [2]	
										[2]	
	3		(2) N4680	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 in N4680WH04I01 (14) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		
										[2]	

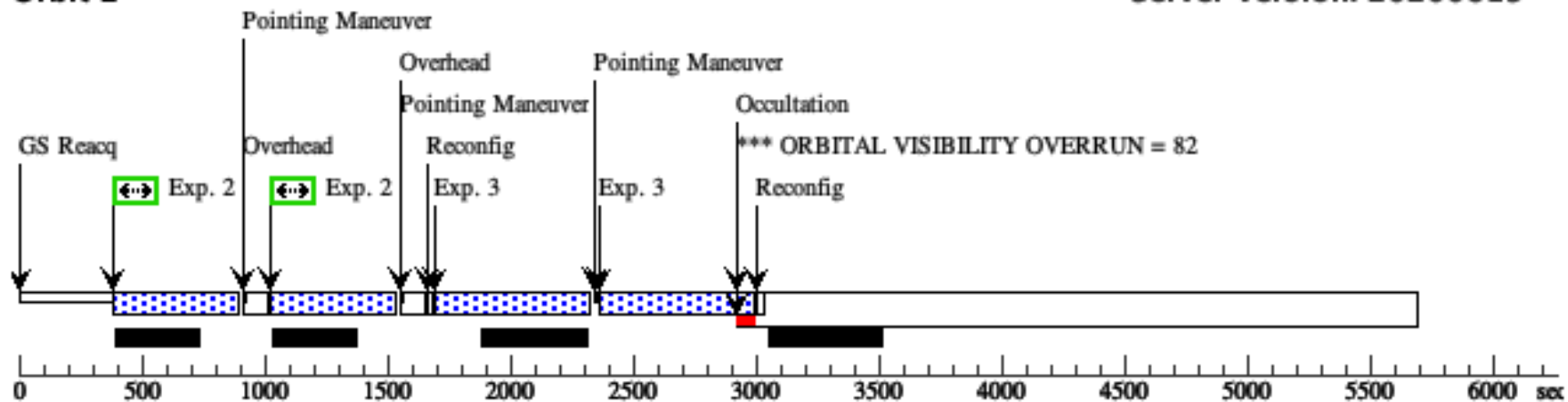
Orbit 1

Server Version: 20200619



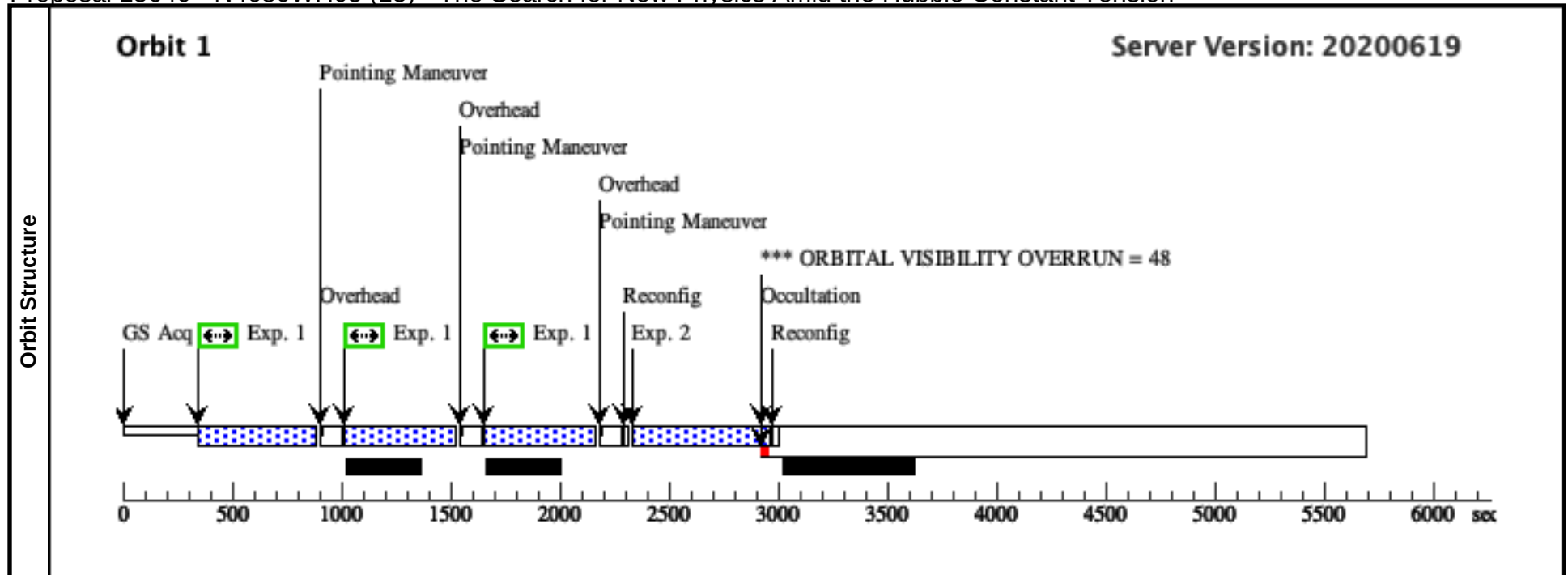
Orbit 2

Server Version: 20200619



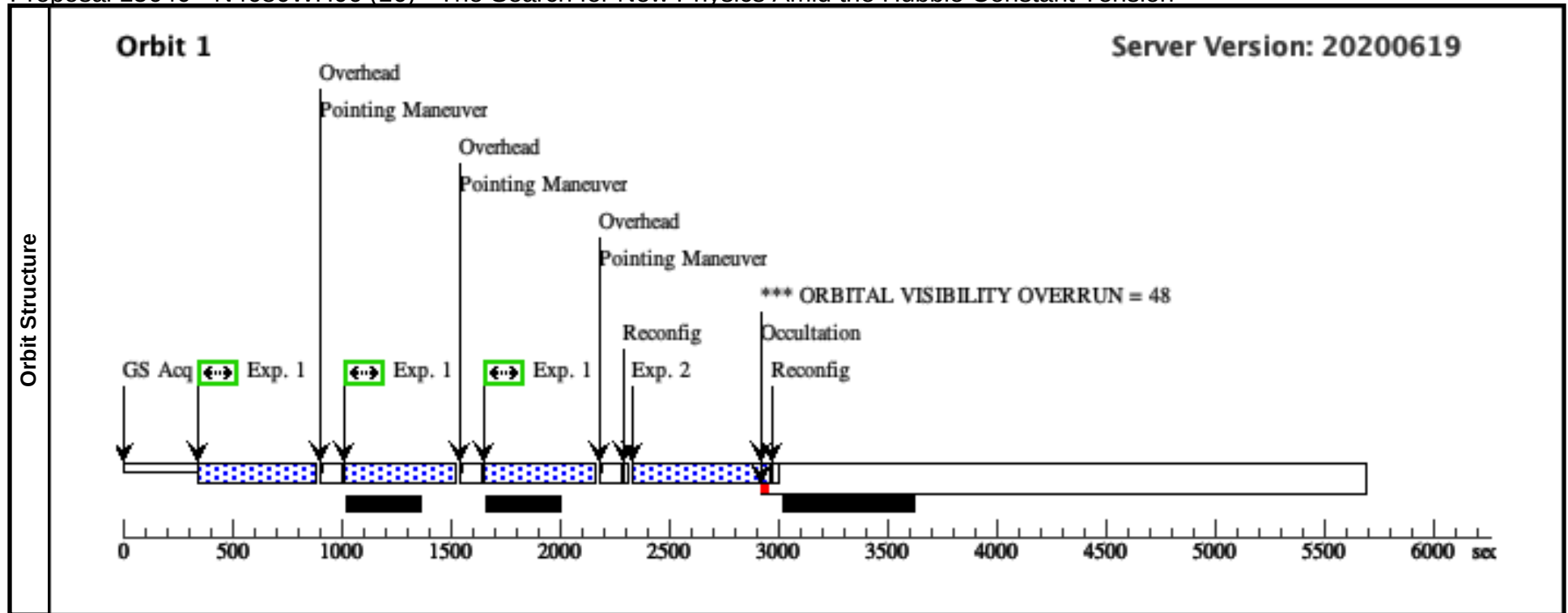
Proposal 15640 - N4680WH05 (15) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N4680WH05 (15), completed										Mon Aug 24 01:01:46 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 51.92 D TO 52.92 D													
Diagnostics	(N4680WH05 (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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)	N4680		RA: 12 46 54.7490 (191.7281208d) Dec: -11 38 13.34 (-11.63704d) Equinox: J2000				V=25		Reference Frame: SIMBAD				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.													
	Category=GALAXY													
Exposures	Description=[SPIRAL]													
	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1		(2) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 i n N4680WH05 (15) (4)	512 Secs (1536 Secs)				
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(2) N4680	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			602.937703 Secs (602.938 Secs)				
										[==>]		[1]		



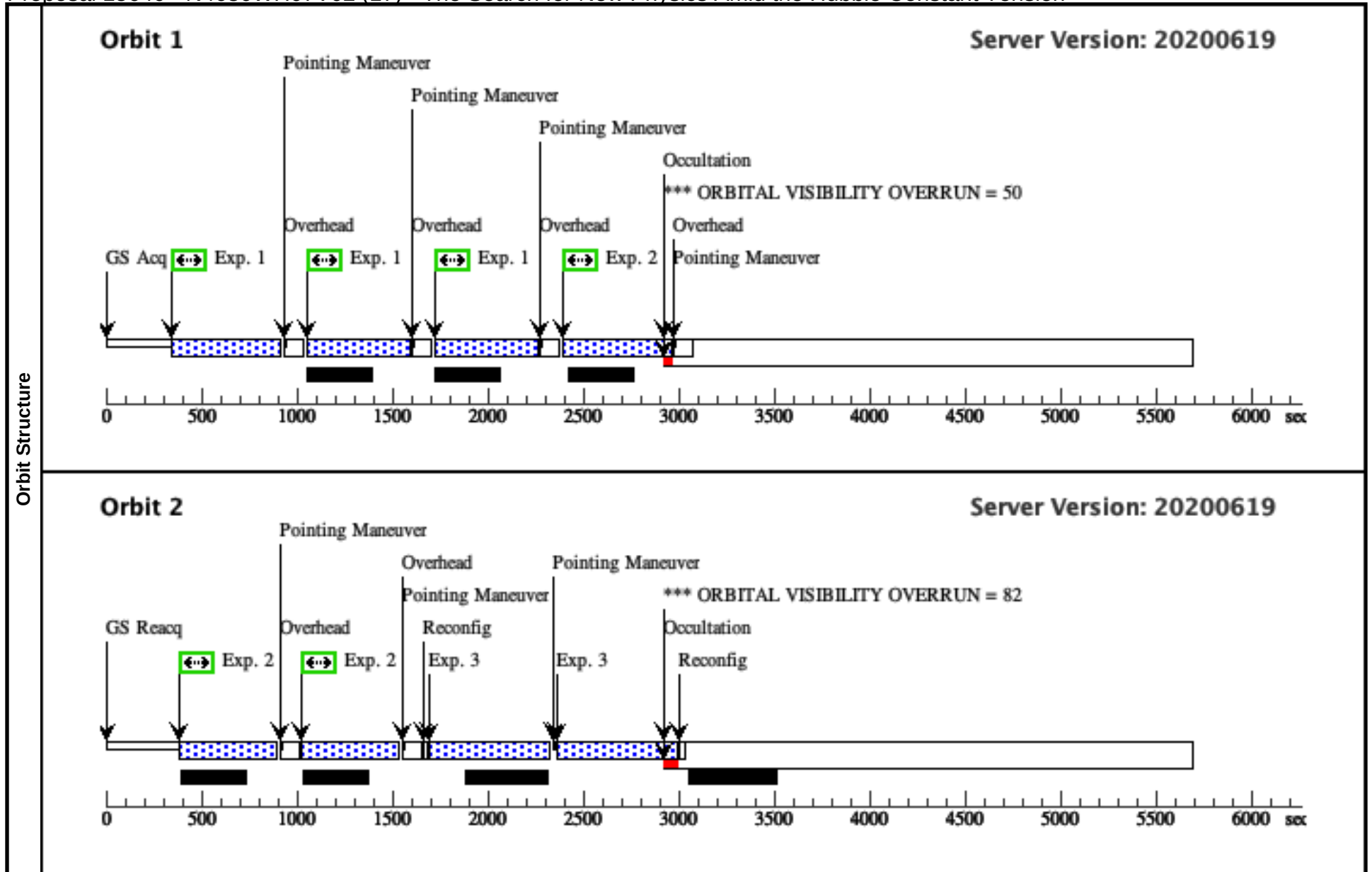
Proposal 15640 - N4680WH06 (16) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N4680WH06 (16), completed										Mon Aug 24 01:01:46 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 62.91 D TO 63.91 D												
Diagnostics	(N4680WH06 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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)	N4680		RA: 12 46 54.7490 (191.7281208d) Dec: -11 38 13.34 (-11.63704d) Equinox: J2000				V=25		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY												
Exposures	Description=[SPIRAL]												
	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(2) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 i n N4680WH06 (16) (4)	512 Secs (1536 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]	
	2		(2) N4680	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			602.937703 Secs (602.938 Secs)			
										[==>]		[1]	



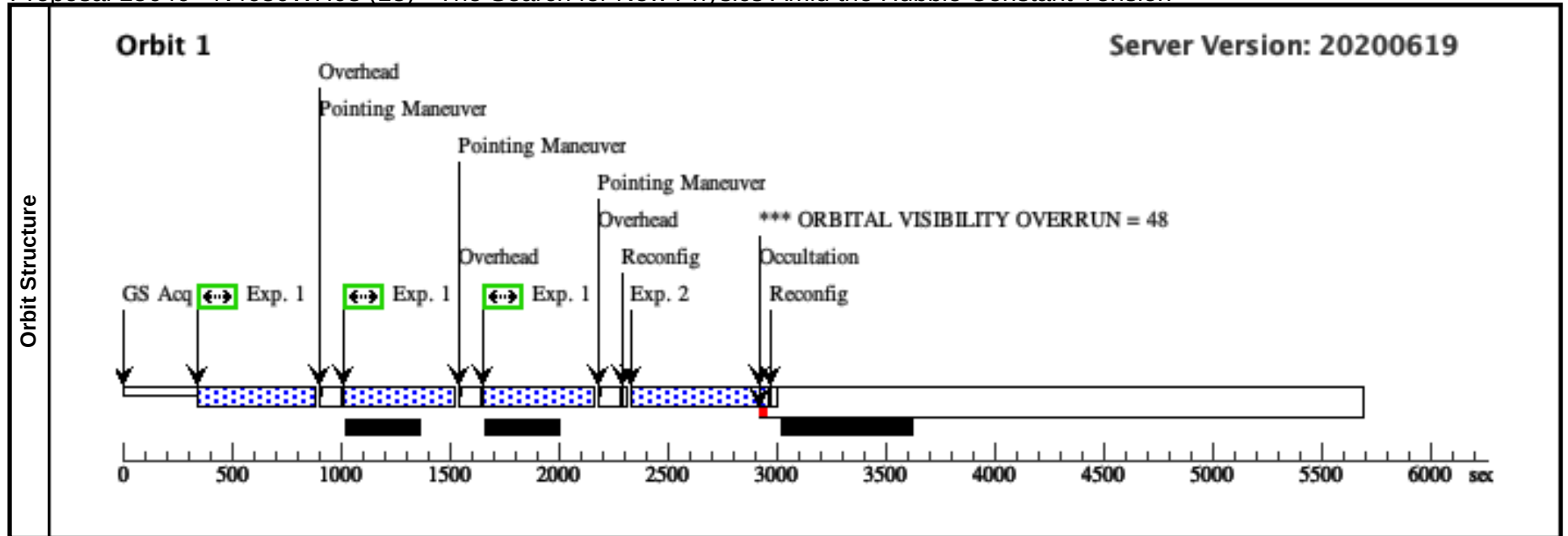
Proposal 15640 - N4680WH07V02 (17) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N4680WH07V02 (17), completed										Mon Aug 24 01:01:46 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 11; AFTER 11 BY 72.83 D TO 73.83 D										
Diagnostics	(N4680WH07V02 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(N4680WH07V02 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Patterns	#	Primary Pattern				Secondary Pattern				Exposures	
	(4)	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), (2)	
	(6)	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		
	(2)	N4680	RA: 12 46 54.7490 (191.7281208d) Dec: -11 38 13.34 (-11.63704d) Equinox: J2000				V=25		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) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 in N4680WH07V02 (17) (4)	512 Secs (1632 Secs)		
									[==>544.0 Secs (Pattern 1)]		
									[==>544.0 Secs (Pattern 2)]		[1]
									[==>544.0 Secs (Pattern 3)]		
	2		(2) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 4, Exps 2-2 in N4680WH07V02 (17) (4)	512 Secs (1568 Secs)		
									[==>544.0 Secs (Pattern 1)]		[1]
								[==>(Pattern 2)]			
								[==>(Pattern 3)]		[2]	
3		(2) N4680	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W		NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 in N4680WH07V02 (17) (6)	602.937703 Secs (1205.875 Secs)		
									[==>(Pattern 1)]		
									[==>(Pattern 2)]		[2]



Proposal 15640 - N4680WH08 (18) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N4680WH08 (18), completed										Mon Aug 24 01:01:46 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 17; AFTER 11 BY 81.55 D TO 82.55 D													
Diagnostics	(N4680WH08 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern						Secondary Pattern				Exposures		
	(4)	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)	N4680		RA: 12 46 54.7490 (191.7281208d) Dec: -11 38 13.34 (-11.63704d) Equinox: J2000				V=25		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) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 i n N4680WH08 (18) (4)	512 Secs (1536 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]				
												[1]		
	2		(2) N4680	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			602.937703 Secs (602.938 Secs) [==>]		[1]		

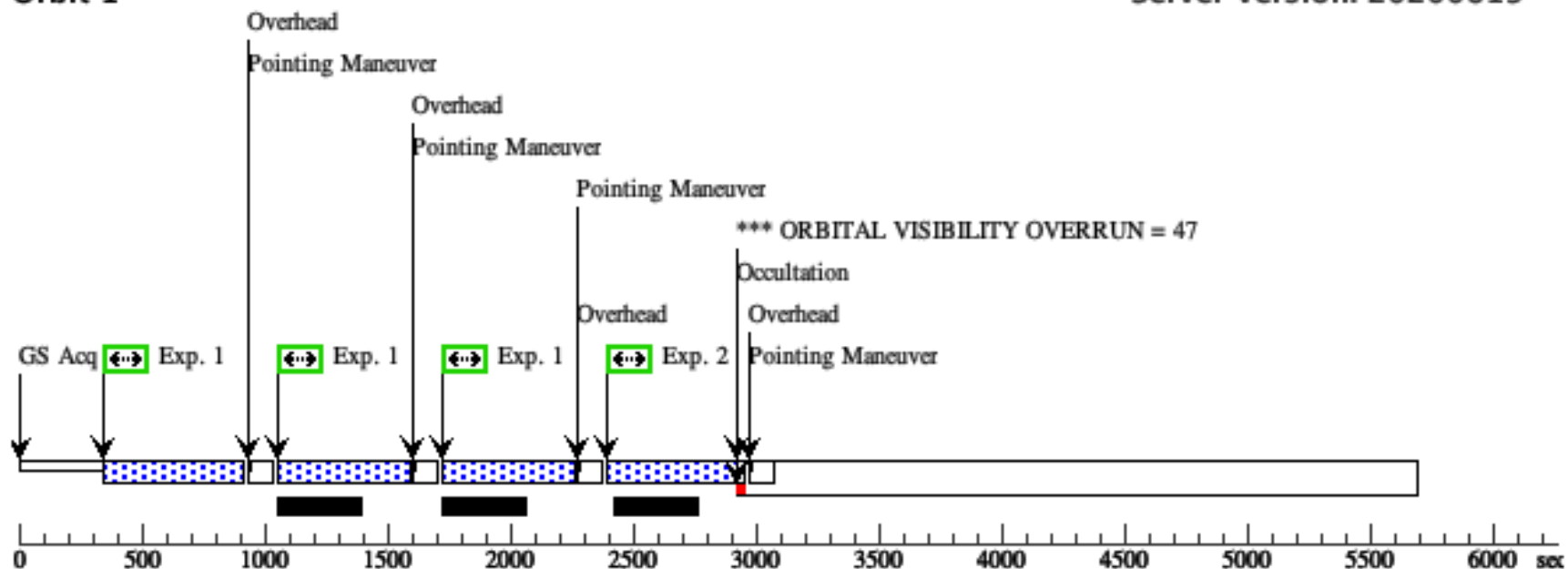


Proposal 15640 - N4680WH09I02 (19) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N4680WH09I02 (19), completed										Mon Aug 24 01:01:46 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 17; AFTER 11 BY 89.73 D TO 90.73 D												
Diagnostics	(N4680WH09I02 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N4680WH09I02 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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), (2)	
	(6)	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				
	(2)	N4680	RA: 12 46 54.7490 (191.7281208d) Dec: -11 38 13.34 (-11.63704d) Equinox: J2000				V=25		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) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 in N4680WH09I02 (19) (4)	512 Secs (1632 Secs) [==>544.0 Secs (Pattern 1)] [==>544.0 Secs (Pattern 2)] [==>544.0 Secs (Pattern 3)]		[1]		
	2		(2) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 4, Exps 2-2 in N4680WH09I02 (19) (4)	512 Secs (1568 Secs) [==>544.0 Secs (Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1] [2]		
	3		(2) N4680	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 in N4680WH09I02 (19) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[2]		

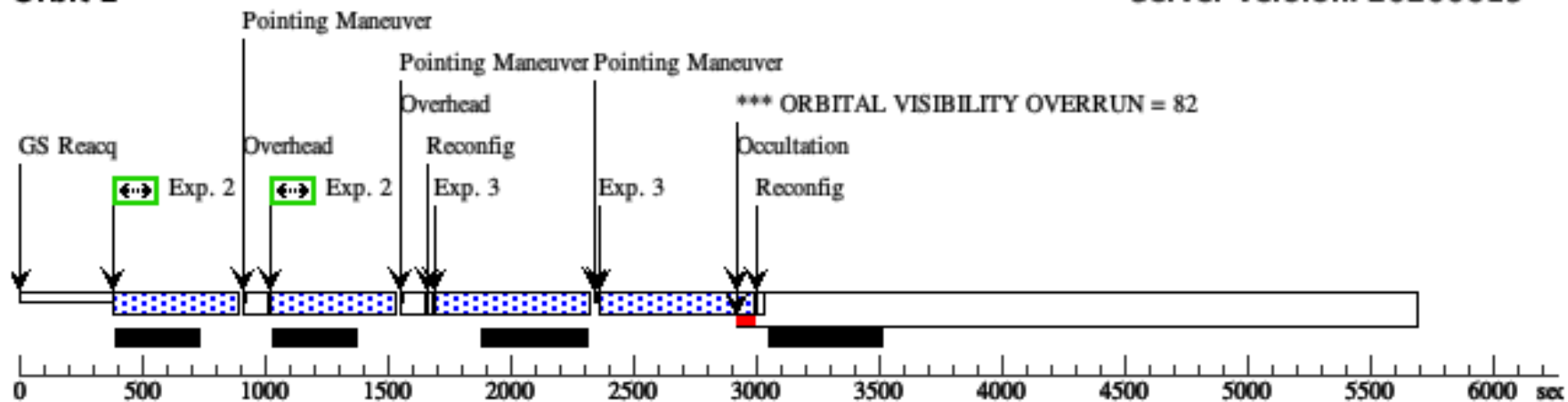
Orbit 1

Server Version: 20200619



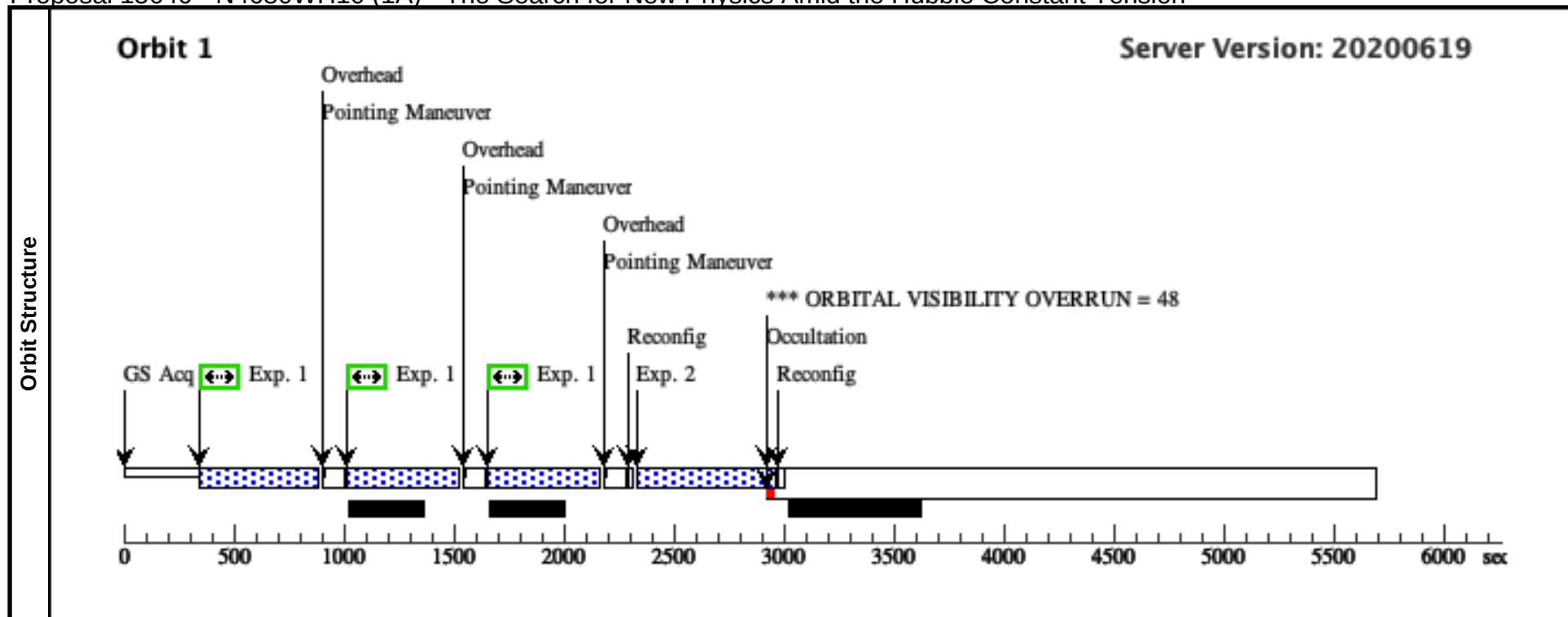
Orbit 2

Server Version: 20200619



Proposal 15640 - N4680WH10 (1A) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N4680WH10 (1A), completed										Mon Aug 24 01:01:46 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 17; AFTER 11 BY 97.50 D TO 98.50 D													
Diagnostics	(N4680WH10 (1A)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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)	N4680		RA: 12 46 54.7490 (191.7281208d) Dec: -11 38 13.34 (-11.63704d) Equinox: J2000				V=25		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) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 i n N4680WH10 (1A) (4)	512 Secs (1536 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(2) N4680	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			602.937703 Secs (602.938 Secs) [==>]		[1]		

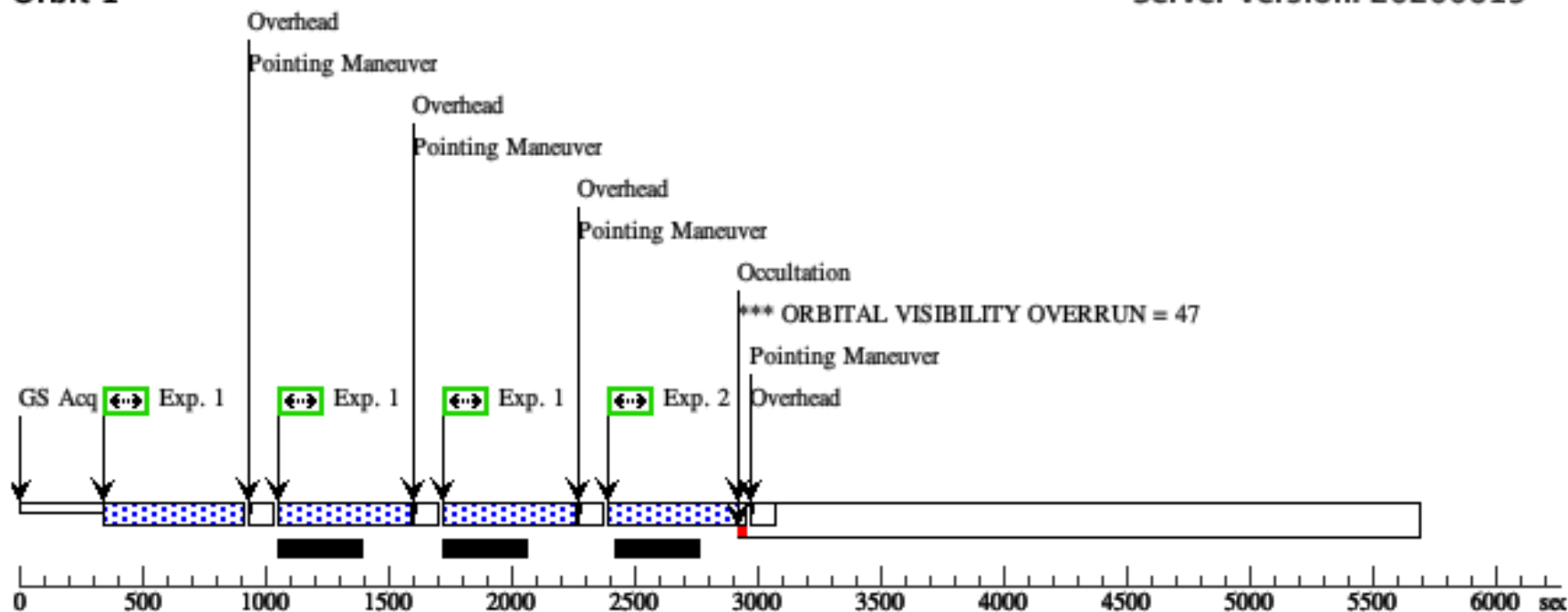


Proposal 15640 - N4680WH11I03 (1B) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N4680WH11I03 (1B), completed										Mon Aug 24 01:01:46 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 17; AFTER 11 BY 104.5 D TO 105.5 D												
Diagnostics	(N4680WH11I03 (1B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N4680WH11I03 (1B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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), (2)	
	(6)	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			
	(2)	N4680		RA: 12 46 54.7490 (191.7281208d) Dec: -11 38 13.34 (-11.63704d) Equinox: J2000				V=25		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) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 in N4680WH11I03 (1B) (4)	512 Secs (1632 Secs)			
										[==>544.0 Secs (Pattern 1)]			
										[==>544.0 Secs (Pattern 2)]	[1]		
										[==>544.0 Secs (Pattern 3)]			
	2		(2) N4680	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W			Pattern 4, Exps 2-2 in N4680WH11I03 (1B) (4)	512 Secs (1568 Secs)			
									[==>544.0 Secs (Pattern 1)]	[1]			
									[==>(Pattern 2)]				
									[==>(Pattern 3)]	[2]			
3		(2) N4680	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 6, Exps 3-3 in N4680WH11I03 (1B) (6)	602.937703 Secs (1205.875 Secs)			
										[==>(Pattern 1)]			
										[==>(Pattern 2)]	[2]		

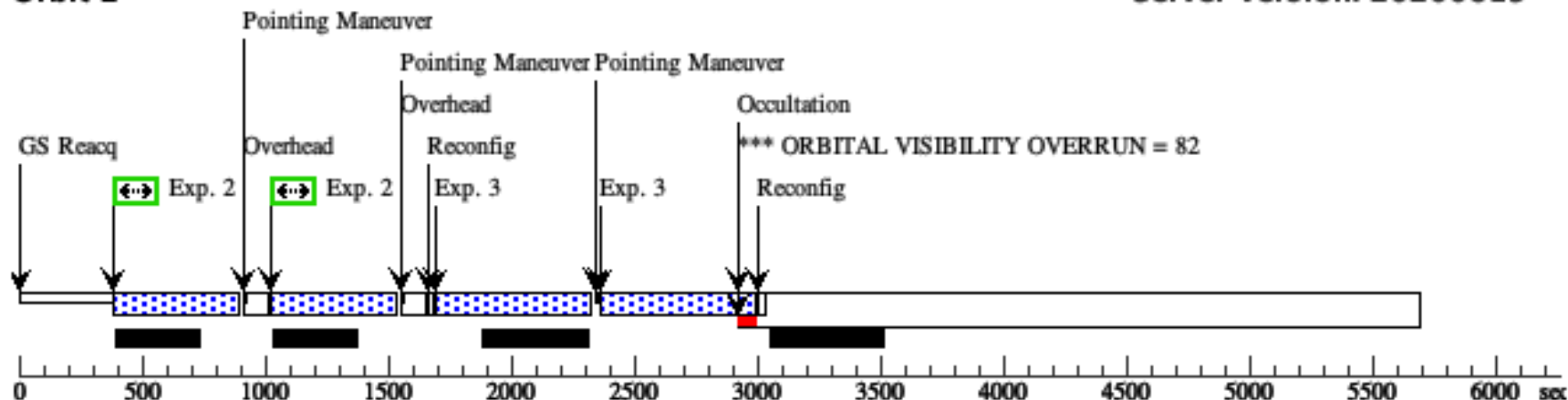
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - N5728WH01V01 (21) - The Search for New Physics Amid the Hubble Constant Tension

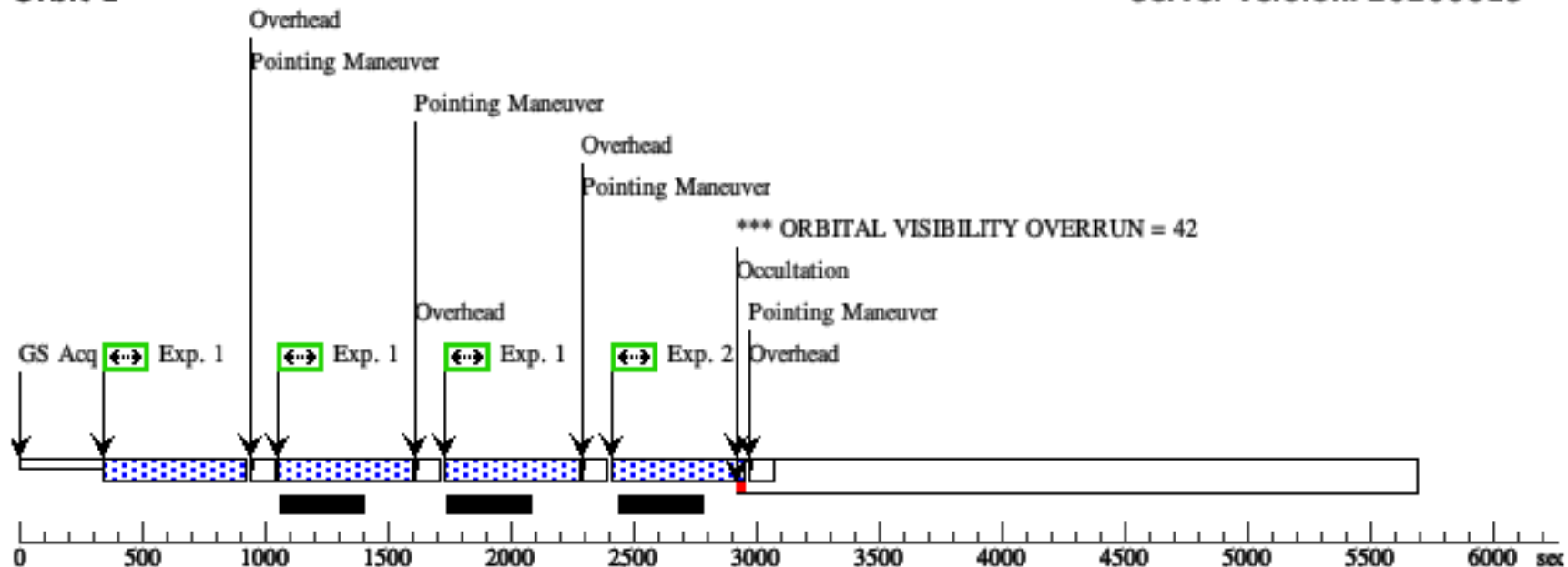
Visit	Proposal 15640, N5728WH01V01 (21), completed Mon Aug 24 01:01:46 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; ORIENT 90D TO 125 D				
Diagnostics	(N5728WH01V01 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(N5728WH01V01 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(3)	N5728	RA: 14 42 23.9280 (220.5997000d) Dec: -17 15 11.41 (-17.25317d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - N5728WH01V01 (21) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 i n N5728WH01V01 (21) (4)	550 Secs (1650 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 i n N5728WH01V01 (21) (1)	520 Secs (1167 Secs) [==>(Pattern 1)] [==>647.0 Secs (Pattern 2)]	[1] [2]
	3		(3) N5728	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N5728WH01V01 (21) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]

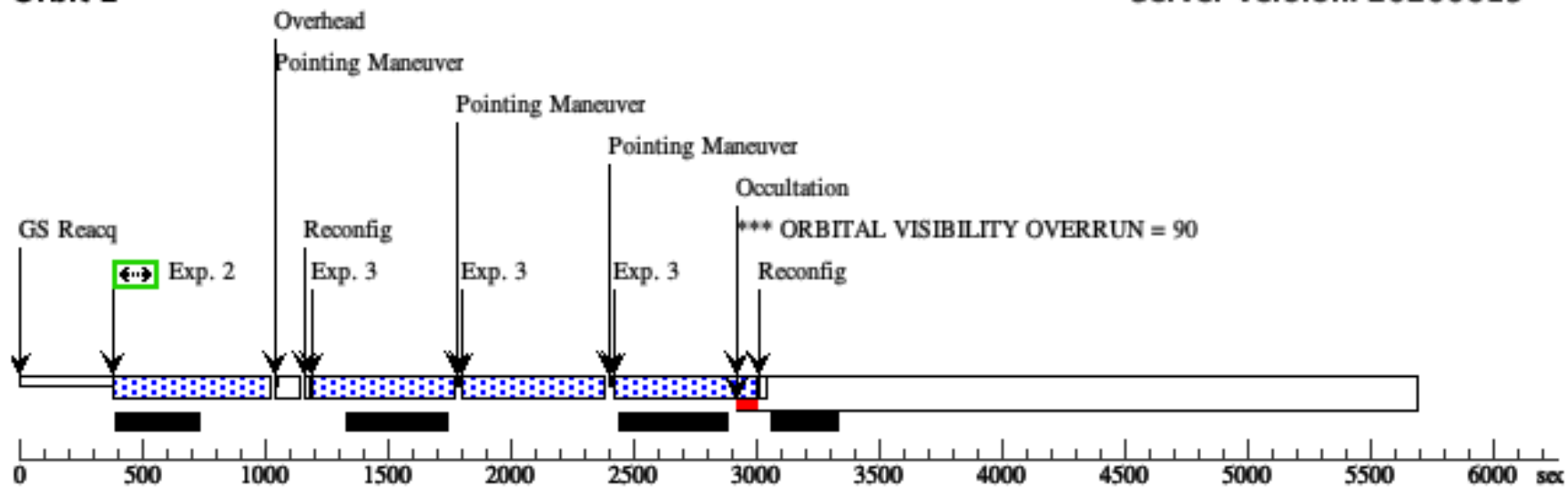
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - N5728WH02I01 (22) - The Search for New Physics Amid the Hubble Constant Tension

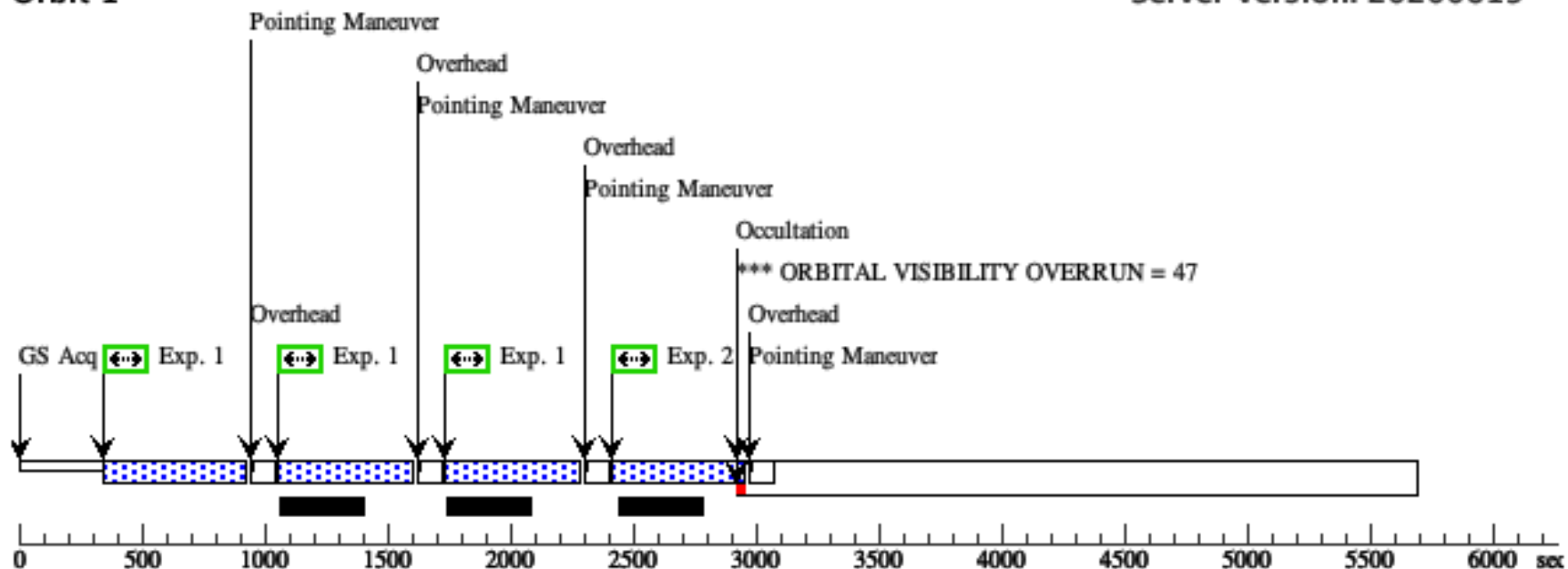
Visit	Proposal 15640, N5728WH02I01 (22), completed Mon Aug 24 01:01:46 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 13.76 D TO 14.76 D				
Diagnostics	(N5728WH02I01 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (N5728WH02I01 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(3)	N5728	RA: 14 42 23.9280 (220.5997000d) Dec: -17 15 11.41 (-17.25317d) Equinox: J2000		V=25
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]				
	Reference Frame: SIMBAD				

Proposal 15640 - N5728WH02I01 (22) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 i n N5728WH02I01 (2 2) (4)	550 Secs (1656 Secs) [==>552.0 Secs (Pattern 1)] [==>552.0 Secs (Pattern 2)] [==>552.0 Secs (Pattern 3)]	[1]
	2		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n N5728WH02I01 (2 2) (1)	520 Secs (1169 Secs) [==>522.0 Secs (Pattern 1)] [==>647.0 Secs (Pattern 2)]	
	3		(3) N5728	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N5728WH02I01 (2 2) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	

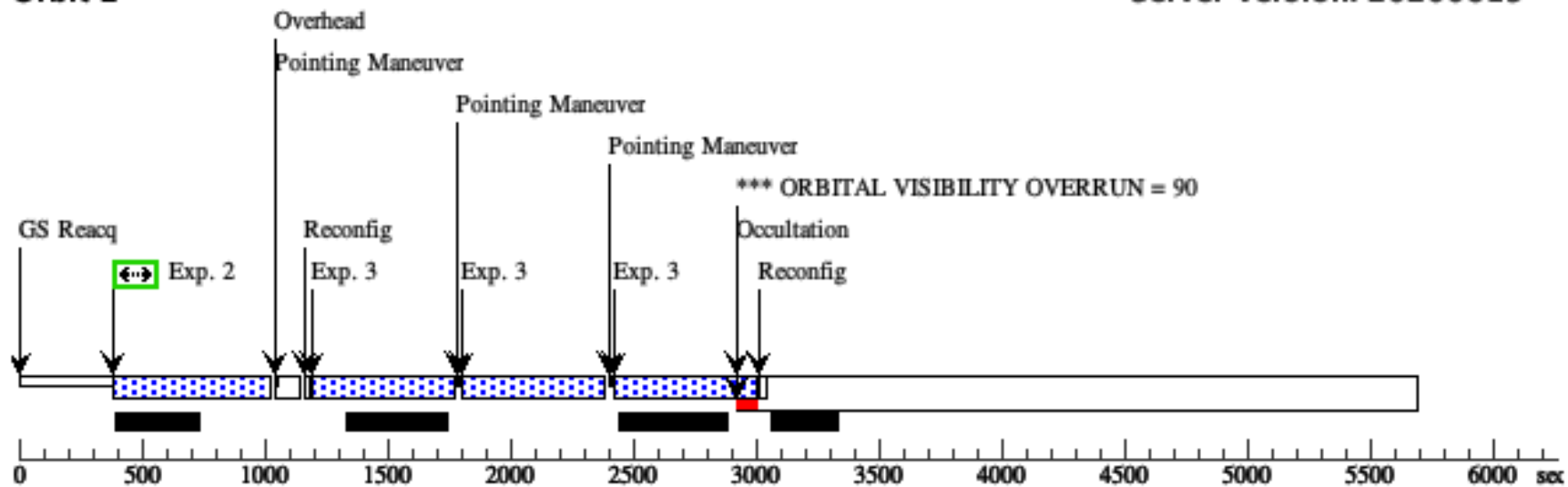
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - N5728WH03V02 (23) - The Search for New Physics Amid the Hubble Constant Tension

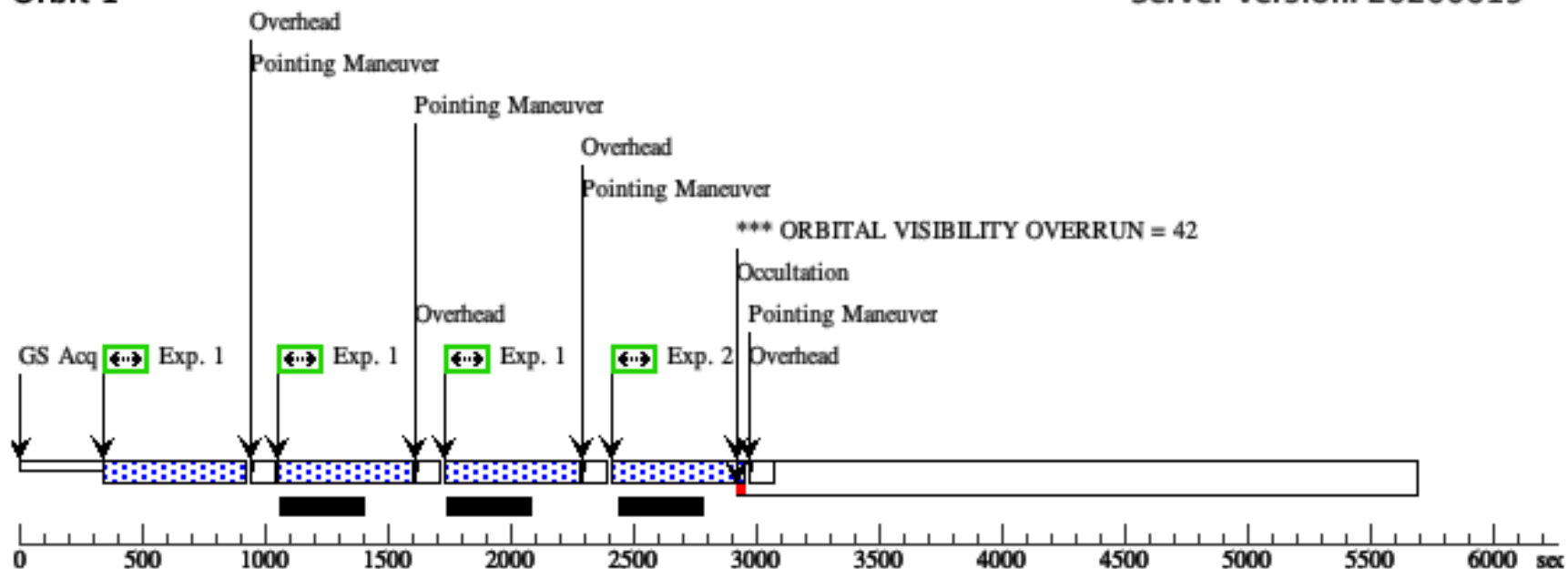
Visit	Proposal 15640, N5728WH03V02 (23), completed Mon Aug 24 01:01:47 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 27.28 D TO 28.28 D				
Diagnostics	(N5728WH03V02 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(N5728WH03V02 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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)
	(5)	Pattern Type=WFC3-IR-DITHER-LINE-3PT Coordinate Frame=POS-TARG Pattern Orientation=41.788 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.605 Line Spacing=			(3)
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(3)	N5728	RA: 14 42 23.9280 (220.5997000d) Dec: -17 15 11.41 (-17.25317d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - N5728WH03V02 (23) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 i n N5728WH03V02 (23) (4)	550 Secs (1650 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 i n N5728WH03V02 (23) (1)	520 Secs (1167 Secs) [==>(Pattern 1)]	
									[==>647.0 Secs (Pattern 2)]	
	3		(3) N5728	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N5728WH03V02 (23) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]

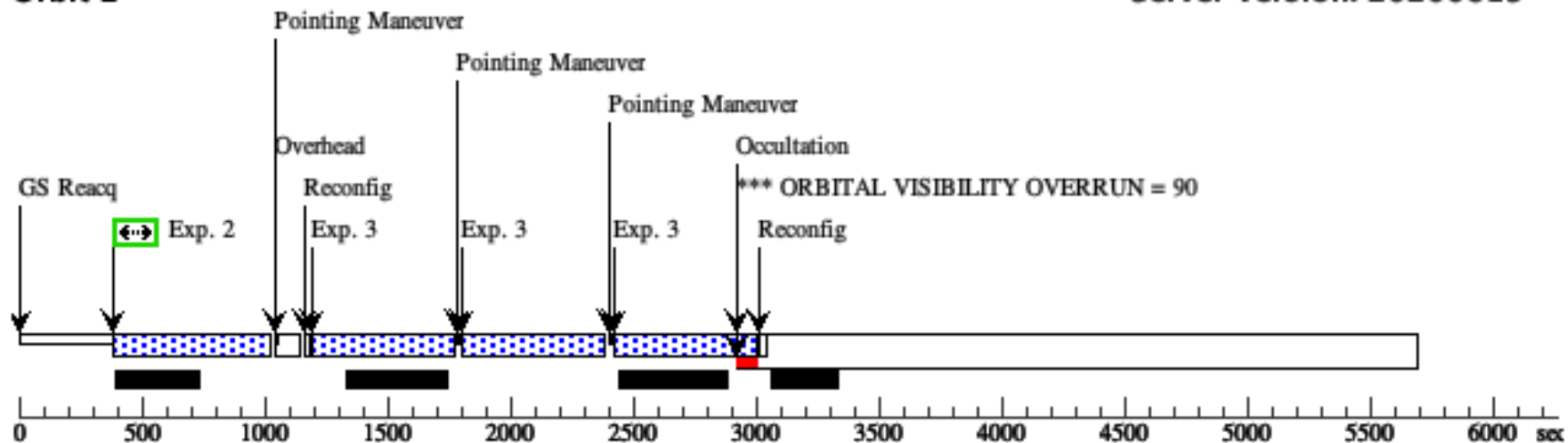
Orbit 1

Server Version: 20200619



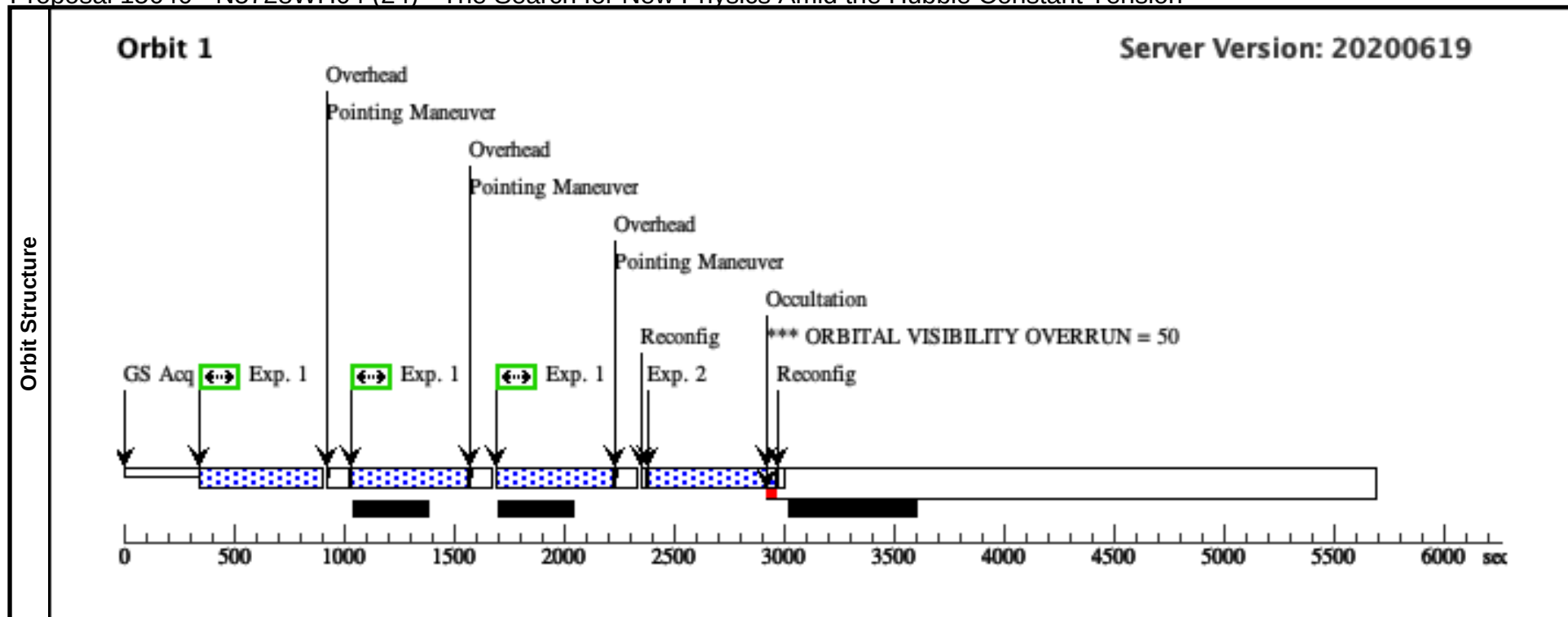
Orbit 2

Server Version: 20200619



Proposal 15640 - N5728WH04 (24) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N5728WH04 (24), completed										Mon Aug 24 01:01:47 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 39.86 D TO 40.86 D													
Diagnostics	(N5728WH04 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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)	N5728		RA: 14 42 23.9280 (220.5997000d) Dec: -17 15 11.41 (-17.25317d) Equinox: J2000				V=25		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) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 i n N5728WH04 (24) (4)	520 Secs (1590 Secs) [==>530.0 Secs (Pattern 1)] [==>530.0 Secs (Pattern 2)] [==>530.0 Secs (Pattern 3)]		[1]		
	2		(3) N5728	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=12; SAMP-SEQ=SPAR S50			552.937252 Secs (552.937 Secs) [==>]		[1]		



Proposal 15640 - N5728WH05I02 (25) - The Search for New Physics Amid the Hubble Constant Tension

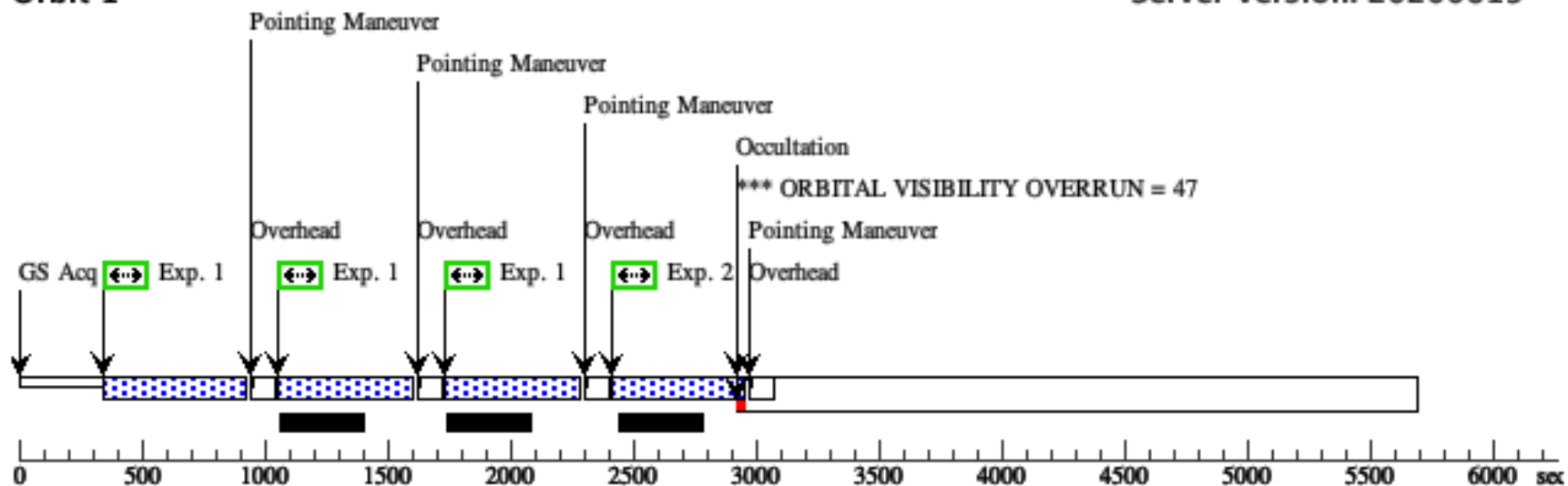
Visit	Proposal 15640, N5728WH05I02 (25), completed Mon Aug 24 01:01:47 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 51.92 D TO 52.92 D				
Diagnostics	(N5728WH05I02 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(N5728WH05I02 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(3)	N5728	RA: 14 42 23.9280 (220.5997000d) Dec: -17 15 11.41 (-17.25317d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - N5728WH05I02 (25) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 i n N5728WH05I02 (2 5) (4)	550 Secs (1656 Secs) [==>552.0 Secs (Pattern 1)] [==>552.0 Secs (Pattern 2)] [==>552.0 Secs (Pattern 3)]	[1]
	2		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n N5728WH05I02 (2 5) (1)	520 Secs (1169 Secs) [==>522.0 Secs (Pattern 1)] [==>647.0 Secs (Pattern 2)]	
	3		(3) N5728	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N5728WH05I02 (2 5) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	

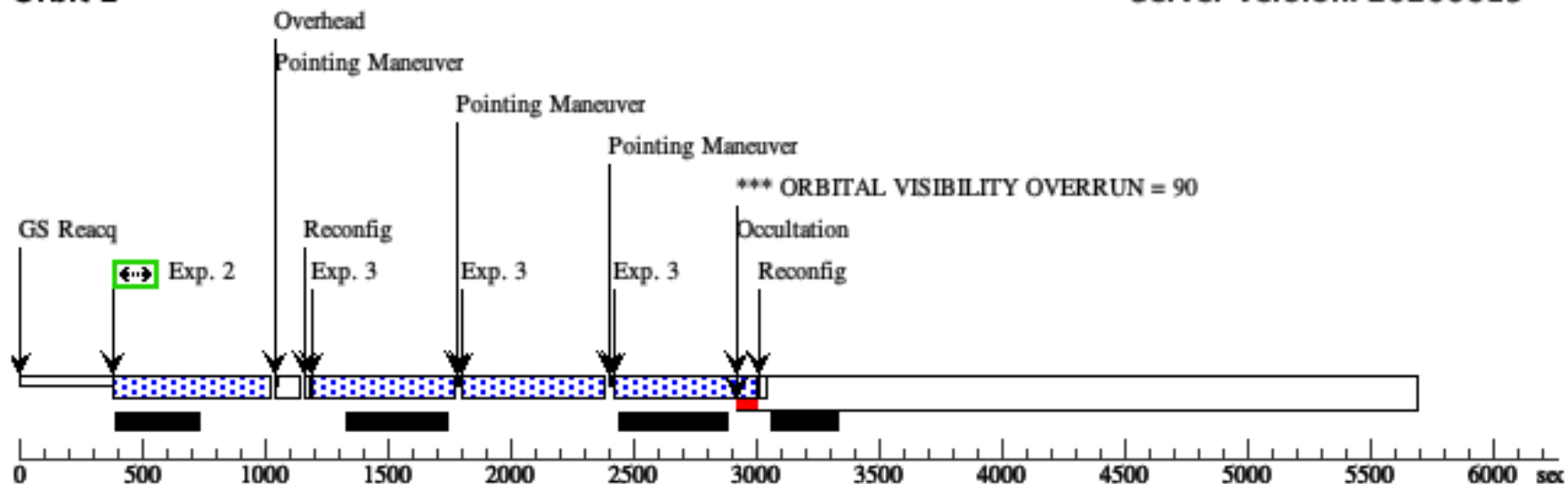
Orbit 1

Server Version: 20200619



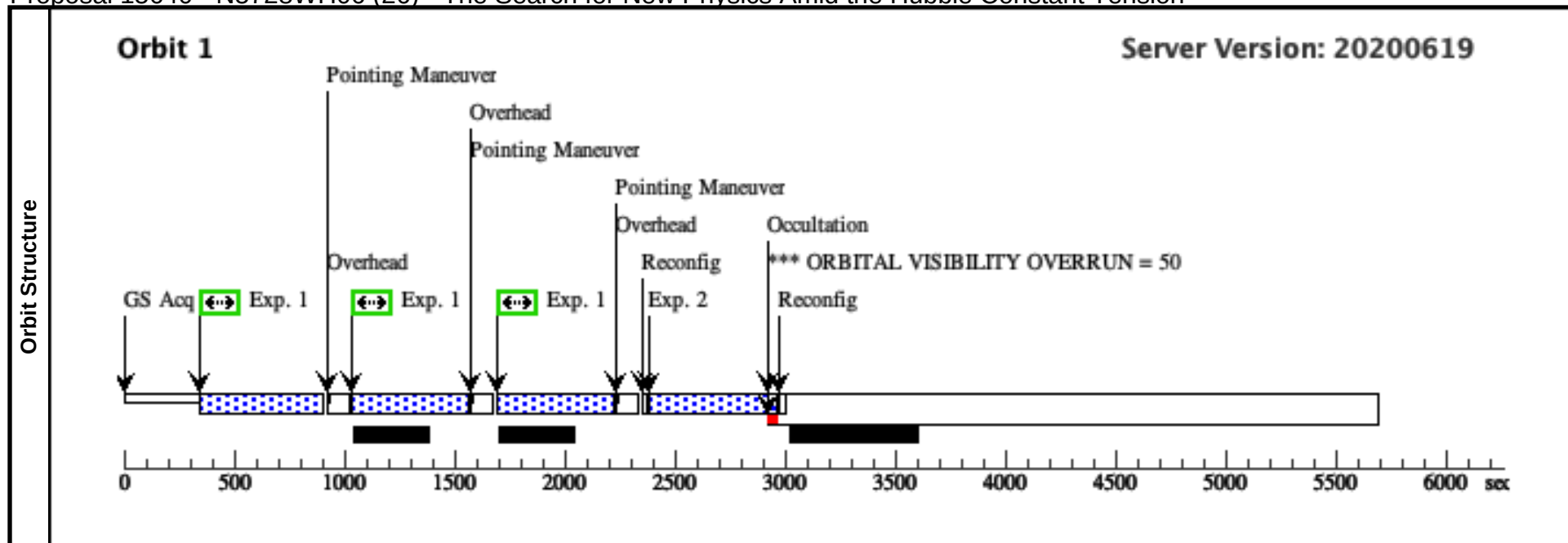
Orbit 2

Server Version: 20200619



Proposal 15640 - N5728WH06 (26) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N5728WH06 (26), completed										Mon Aug 24 01:01:47 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 62.91 D TO 63.91 D													
Diagnostics	(N5728WH06 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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)	N5728		RA: 14 42 23.9280 (220.5997000d) Dec: -17 15 11.41 (-17.25317d) Equinox: J2000				V=25		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) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 in N5728WH06 (26) (4)	520 Secs (1590 Secs) [==>530.0 Secs (Pattern 1)] [==>530.0 Secs (Pattern 2)] [==>530.0 Secs (Pattern 3)]		[1]		
	2		(3) N5728	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=12; SAMP-SEQ=SPAR S50			552.937252 Secs (552.937 Secs) [==>]		[1]		



Proposal 15640 - N5728WH07V03 (27) - The Search for New Physics Amid the Hubble Constant Tension

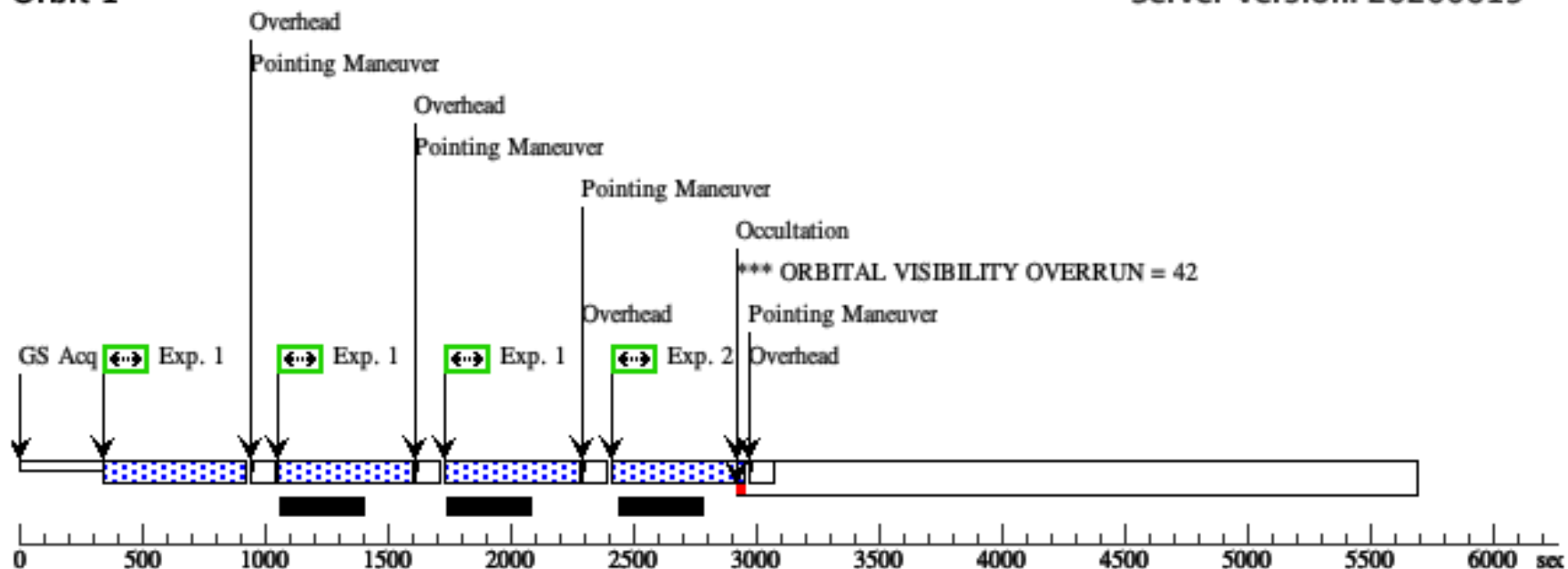
Visit	Proposal 15640, N5728WH07V03 (27), completed Mon Aug 24 01:01:47 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 21; AFTER 21 BY 72.83 D TO 73.83 D				
Diagnostics	(N5728WH07V03 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (N5728WH07V03 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(3)	N5728	RA: 14 42 23.9280 (220.5997000d) Dec: -17 15 11.41 (-17.25317d) Equinox: J2000		V=25
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]				
	Reference Frame: SIMBAD				

Proposal 15640 - N5728WH07V03 (27) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 i n N5728WH07V03 (27) (4)	550 Secs (1650 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]
	2		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 i n N5728WH07V03 (27) (1)	520 Secs (1167 Secs) [==>(Pattern 1)]	[1]
									[==>647.0 Secs (Pattern 2)]	[2]
	3		(3) N5728	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N5728WH07V03 (27) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[2]

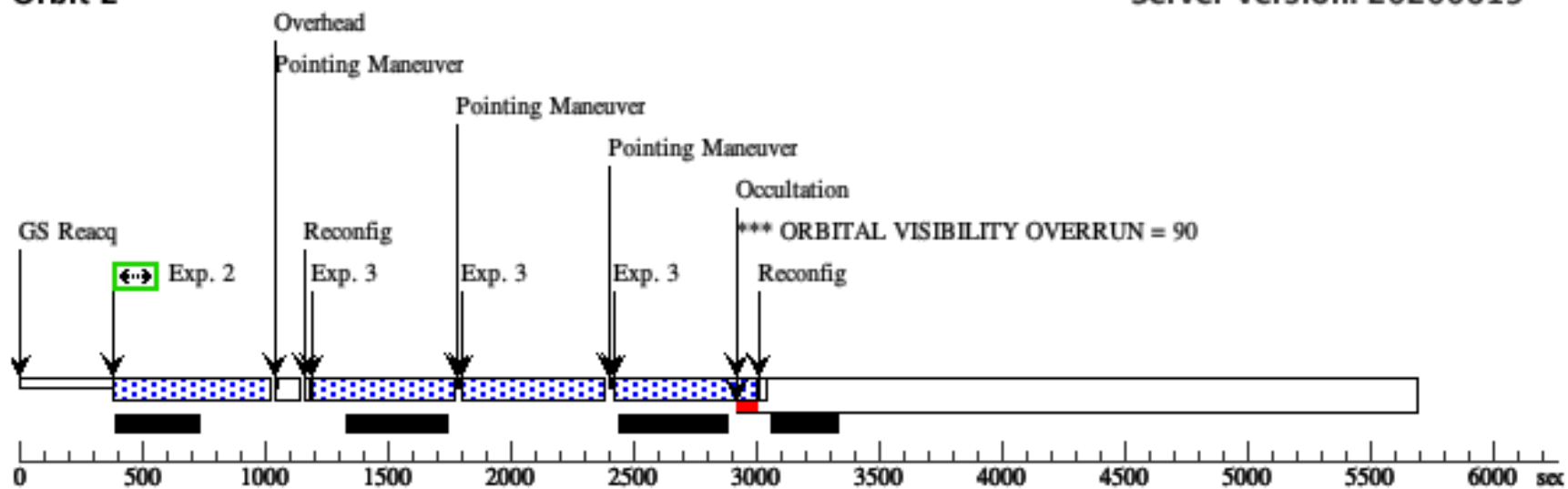
Orbit 1

Server Version: 20200619



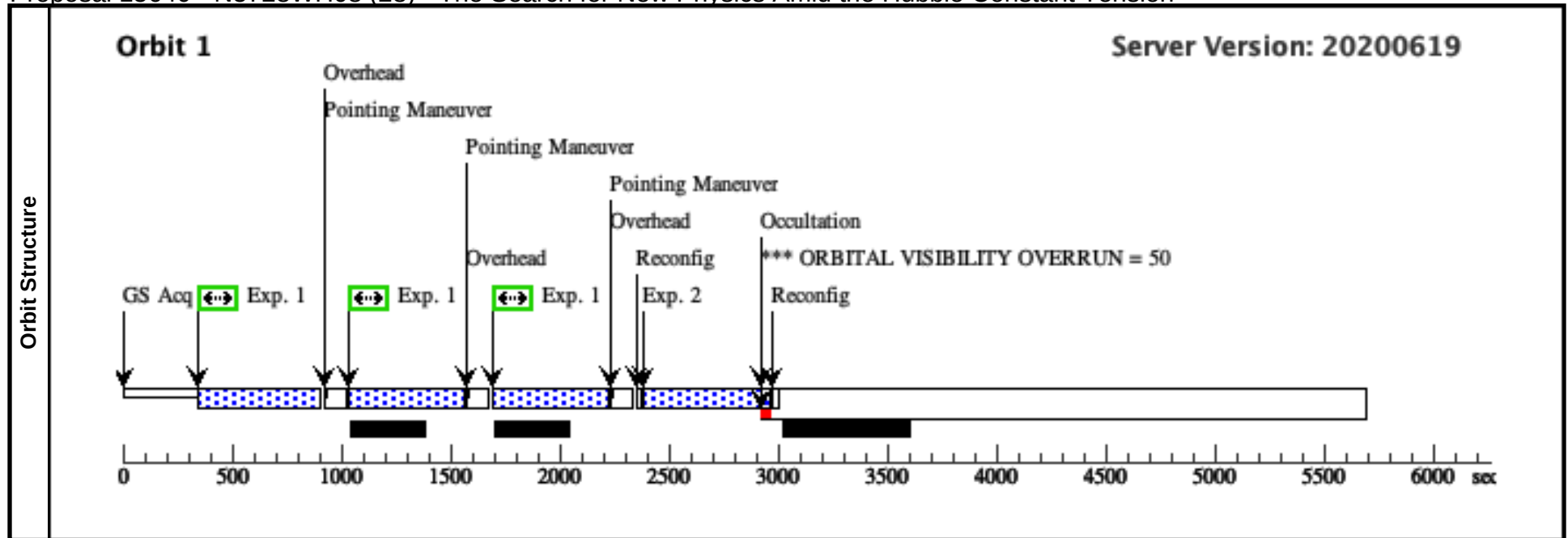
Orbit 2

Server Version: 20200619



Proposal 15640 - N5728WH08 (28) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N5728WH08 (28), completed										Mon Aug 24 01:01:47 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 27; AFTER 21 BY 81.55 D TO 82.55 D													
Diagnostics	(N5728WH08 (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern						Secondary Pattern				Exposures		
	(4)	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)	N5728		RA: 14 42 23.9280 (220.5997000d) Dec: -17 15 11.41 (-17.25317d) Equinox: J2000				V=25		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) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 in N5728WH08 (28) (4)	520 Secs (1590 Secs) [==>530.0 Secs (Pattern 1)] [==>530.0 Secs (Pattern 2)] [==>530.0 Secs (Pattern 3)]		[1]		
	2		(3) N5728	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=12; SAMP-SEQ=SPAR S50			552.937252 Secs (552.937 Secs) [==>]		[1]		



Proposal 15640 - N5728WH09I03 (29) - The Search for New Physics Amid the Hubble Constant Tension

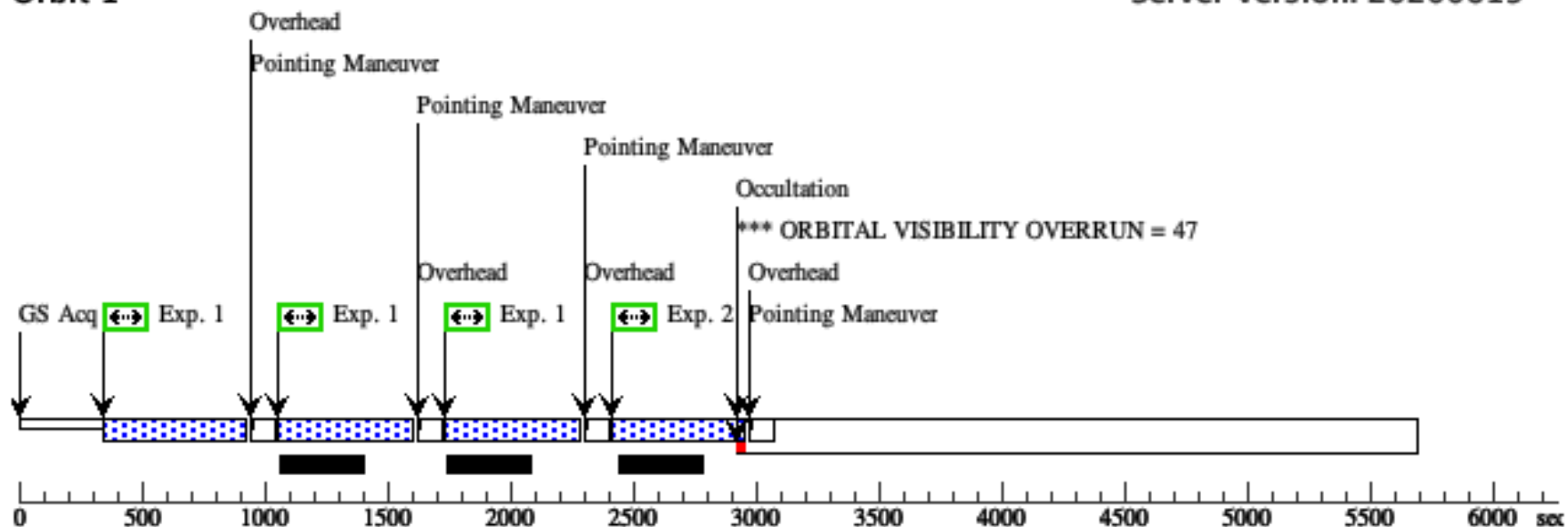
Visit	Proposal 15640, N5728WH09I03 (29), completed Mon Aug 24 01:01:47 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 27; AFTER 21 BY 89.73 D TO 90.73 D				
Diagnostics	(N5728WH09I03 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(N5728WH09I03 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(3)	N5728	RA: 14 42 23.9280 (220.5997000d) Dec: -17 15 11.41 (-17.25317d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - N5728WH09I03 (29) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 i n N5728WH09I03 (2 9) (4)	550 Secs (1656 Secs) [==>552.0 Secs (Pattern 1)] [==>552.0 Secs (Pattern 2)] [==>552.0 Secs (Pattern 3)]	[1]
	2		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n N5728WH09I03 (2 9) (1)	520 Secs (1169 Secs) [==>522.0 Secs (Pattern 1)] [==>647.0 Secs (Pattern 2)]	
	3		(3) N5728	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N5728WH09I03 (2 9) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	

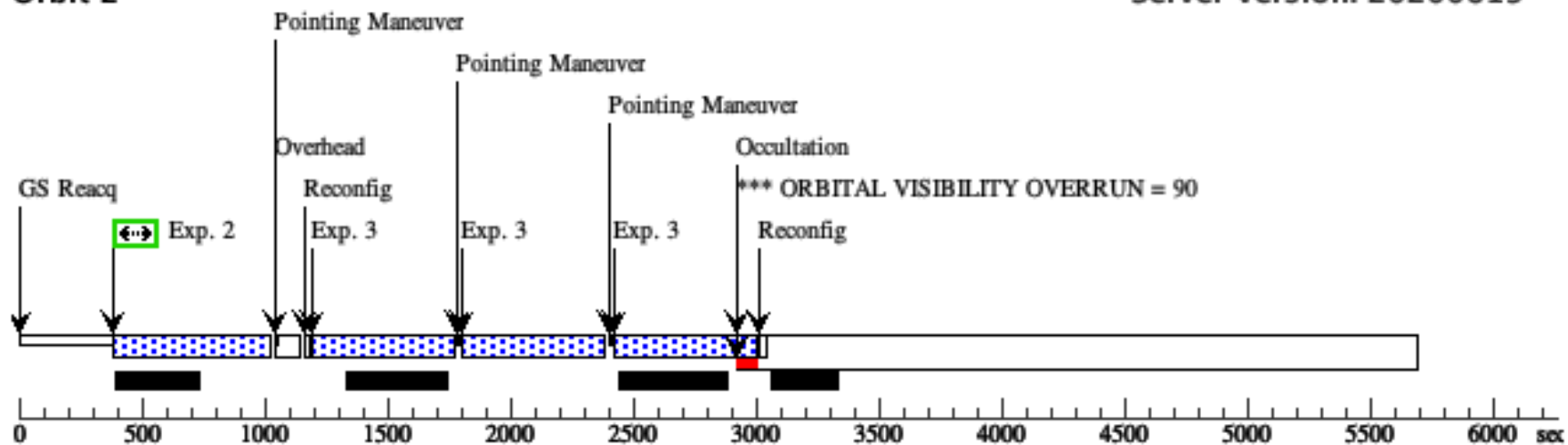
Orbit 1

Server Version: 20200619



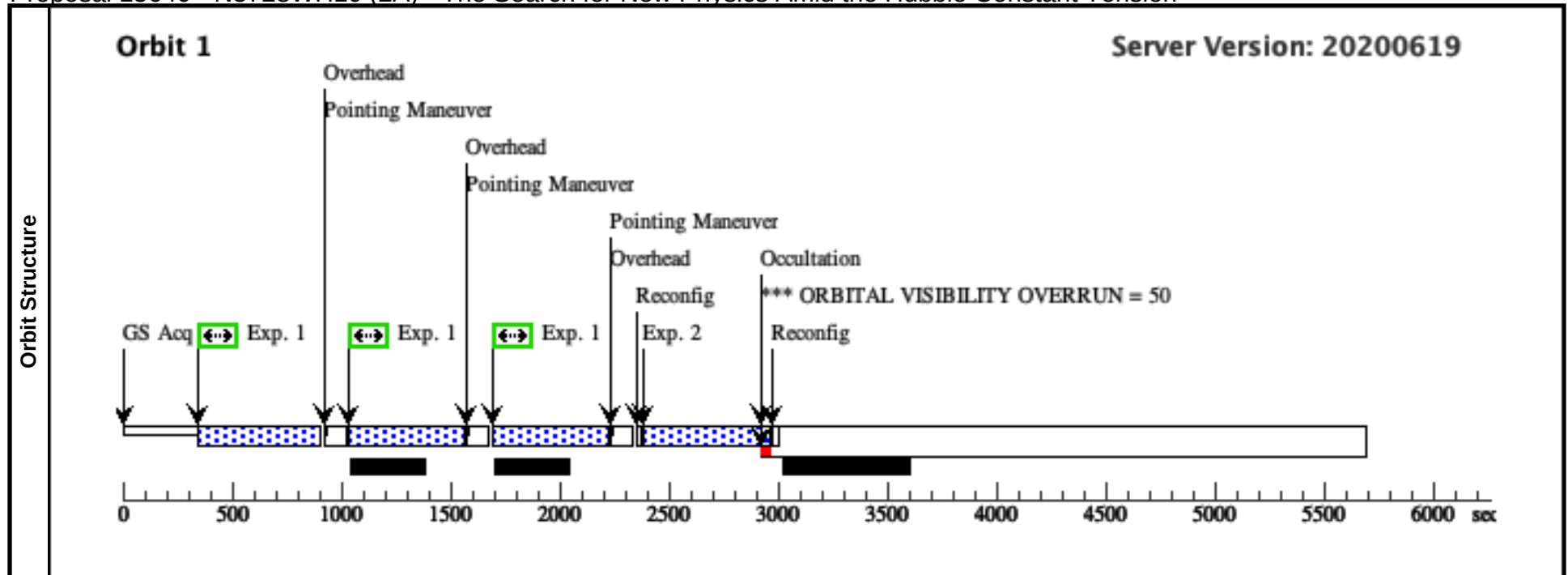
Orbit 2

Server Version: 20200619



Proposal 15640 - N5728WH10 (2A) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N5728WH10 (2A), completed										Mon Aug 24 01:01:47 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 27; AFTER 21 BY 97.50 D TO 98.50 D													
Diagnostics	(N5728WH10 (2A)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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)	N5728		RA: 14 42 23.9280 (220.5997000d) Dec: -17 15 11.41 (-17.25317d) Equinox: J2000				V=25		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) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 i n N5728WH10 (2A) (4)	520 Secs (1590 Secs) [==>530.0 Secs (Pattern 1)] [==>530.0 Secs (Pattern 2)] [==>530.0 Secs (Pattern 3)]		[1]		
	2		(3) N5728	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=12; SAMP-SEQ=SPAR S50			552.937252 Secs (552.937 Secs) [==>]		[1]		



Proposal 15640 - N5728WH11I04 (2B) - The Search for New Physics Amid the Hubble Constant Tension

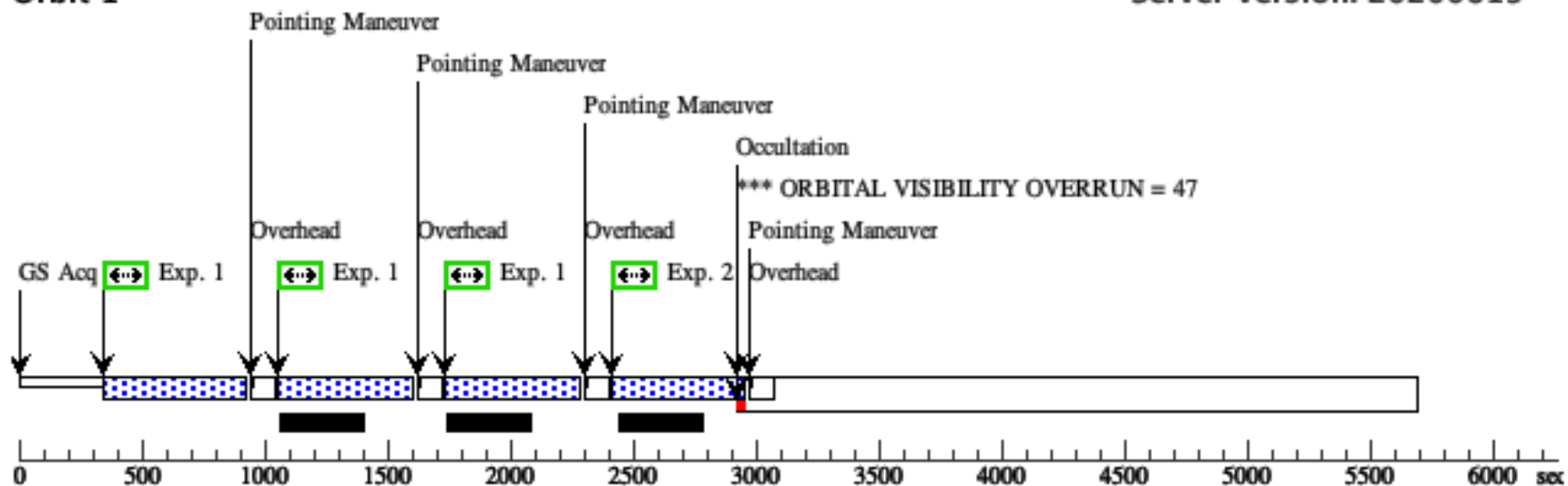
Visit	Proposal 15640, N5728WH11I04 (2B), completed Mon Aug 24 01:01:47 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 27; AFTER 21 BY 104.5 D TO 105.5 D				
Diagnostics	(N5728WH11I04 (2B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (N5728WH11I04 (2B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(3)	N5728	RA: 14 42 23.9280 (220.5997000d) Dec: -17 15 11.41 (-17.25317d) Equinox: J2000		V=25
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]				
	Reference Frame: SIMBAD				

Proposal 15640 - N5728WH11I04 (2B) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 i n N5728WH11I04 (2 B) (4)	550 Secs (1656 Secs) [==>552.0 Secs (Pattern 1)] [==>552.0 Secs (Pattern 2)] [==>552.0 Secs (Pattern 3)]	[1]
	2		(3) N5728	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n N5728WH11I04 (2 B) (1)	520 Secs (1169 Secs) [==>522.0 Secs (Pattern 1)] [==>647.0 Secs (Pattern 2)]	
	3		(3) N5728	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n N5728WH11I04 (2 B) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	

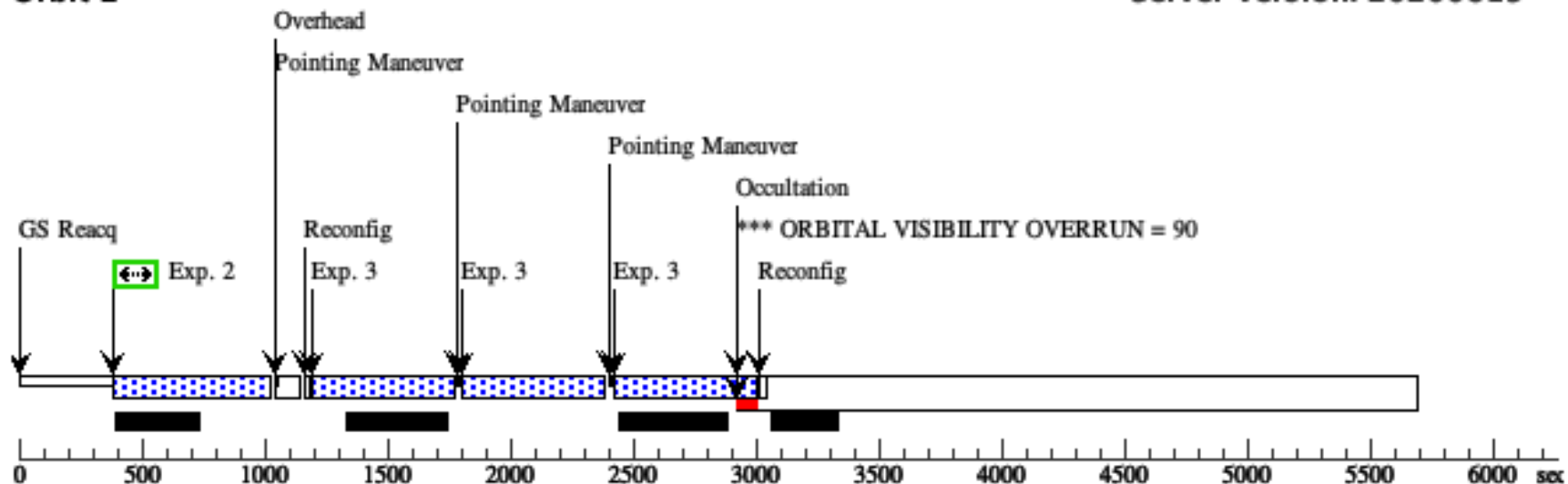
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - N7329WH01I01 (31) - The Search for New Physics Amid the Hubble Constant Tension

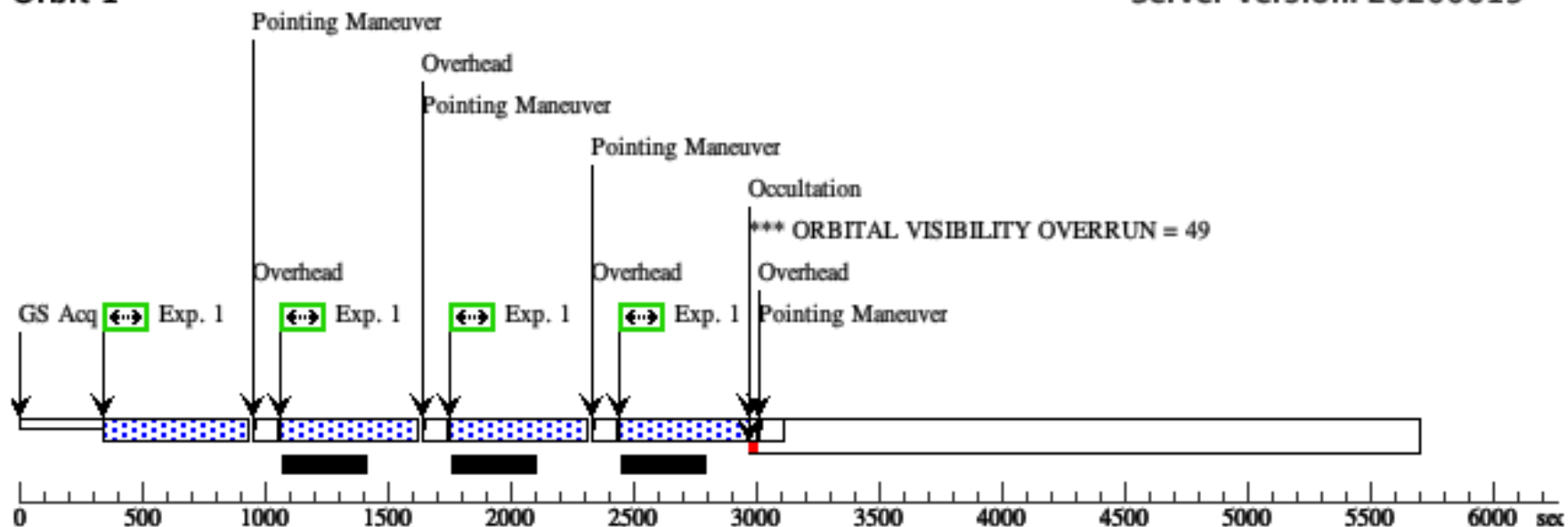
Visit	Proposal 15640, N7329WH01I01 (31), completed Mon Aug 24 01:01:47 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; ORIENT 255D TO 255 D				
Diagnostics	(N7329WH01I01 (31)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (N7329WH01I01 (31)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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-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)
	(6)	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
	(4)	N7329	RA: 22 40 24.1990 (340.1008292d) Dec: -66 28 44.58 (-66.47905d) Equinox: J2000		V=25
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]				
	Reference Frame: SIMBAD				

Proposal 15640 - N7329WH01I01 (31) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n N7329WH01I01 (3 1) (2)	550 Secs (2244 Secs) [==>561.0 Secs (Pattern 1)] [==>561.0 Secs (Pattern 2)] [==>561.0 Secs (Pattern 3)] [==>561.0 Secs (Pattern 4)]	[1]
	2		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n N7329WH01I01 (3 1) (1)	520 Secs (1074 Secs) [==>537.0 Secs (Pattern 1)] [==>537.0 Secs (Pattern 2)]	[2]
	3		(4) N7329	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 i n N7329WH01I01 (3 1) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]

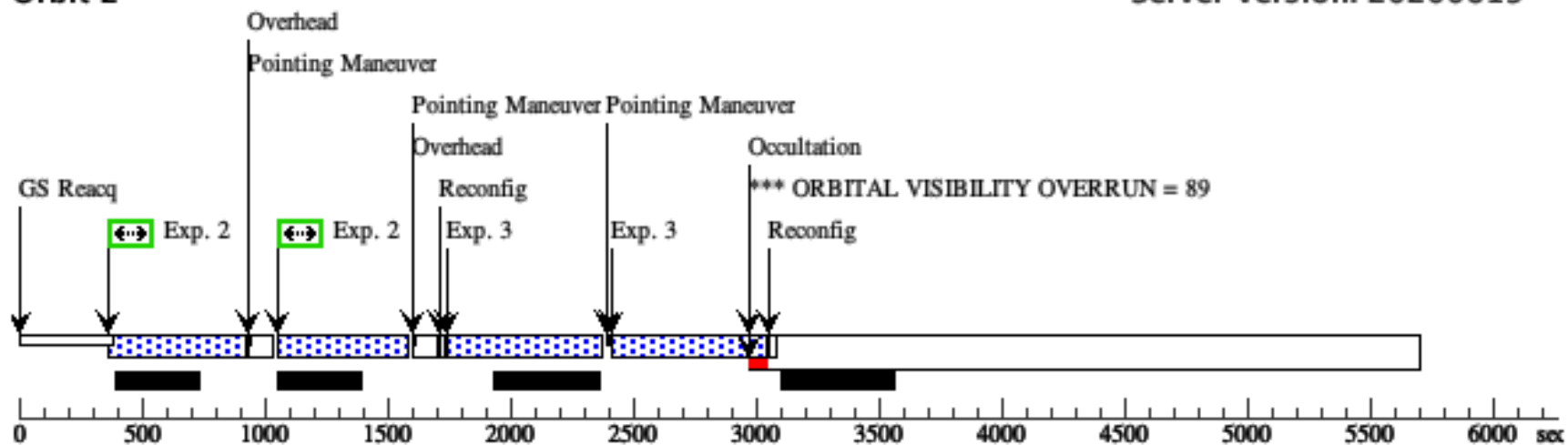
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619

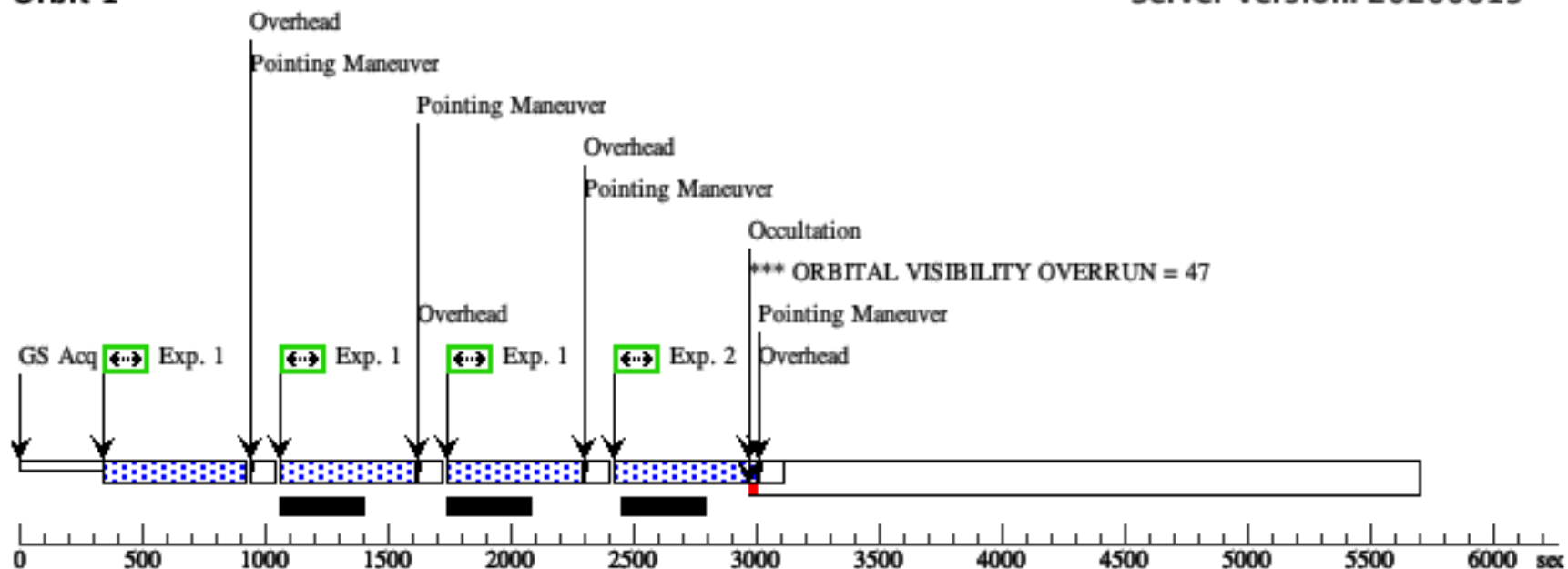


Proposal 15640 - N7329WH02V01 (32) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7329WH02V01 (32), completed										Mon Aug 24 01:01:47 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 31; AFTER 31 BY 13.76 D TO 14.76 D												
Diagnostics	(N7329WH02V01 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N7329WH02V01 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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), (2)	
	(6)	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		
	(4)	N7329	RA: 22 40 24.1990 (340.1008292d) Dec: -66 28 44.58 (-66.47905d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]						V=25		Reference Frame: SIMBAD		
Exposures	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARIO BASE1B3	Pattern 4, Exps 1-1 in N7329WH02V01 (32) (4)	525 Secs (1662 Secs) [==>554.0 Secs (Pattern 1)] [==>554.0 Secs (Pattern 2)] [==>554.0 Secs (Pattern 3)]	[1]		
	2		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 4, Exps 2-2 in N7329WH02V01 (32) (4)	525 Secs (1628 Secs) [==>554.0 Secs (Pattern 1)] [==>537.0 Secs (Pattern 2)] [==>537.0 Secs (Pattern 3)]	[1] [2]		
	3		(4) N7329	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 in N7329WH02V01 (32) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]		

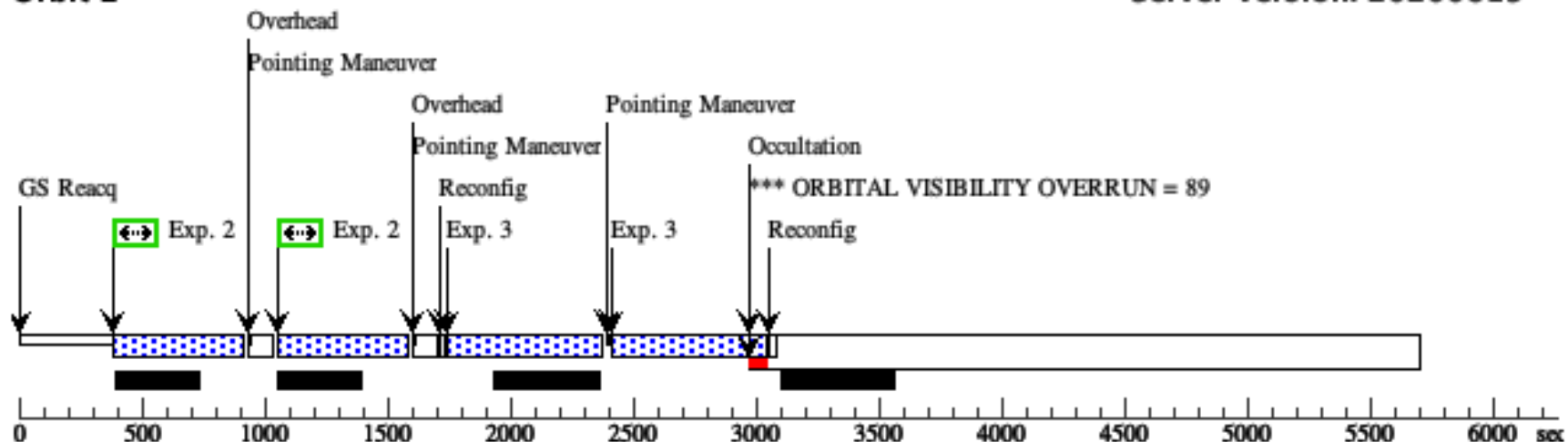
Orbit 1

Server Version: 20200619



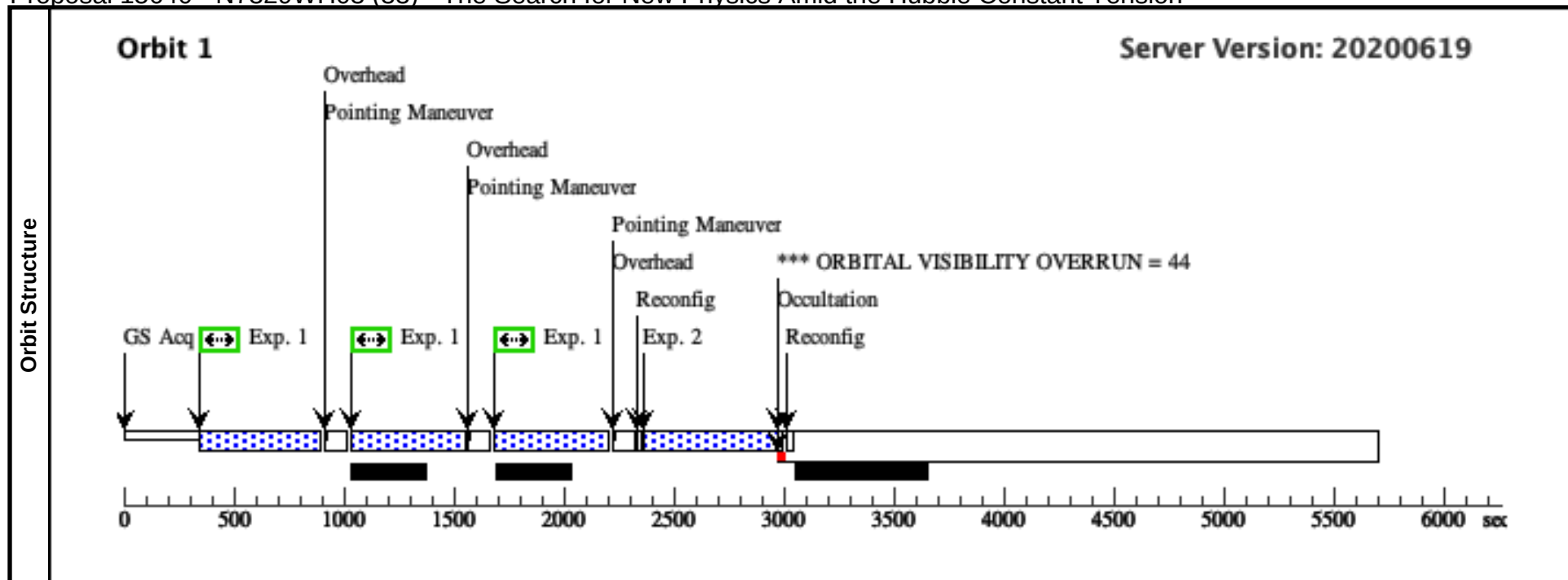
Orbit 2

Server Version: 20200619



Proposal 15640 - N7329WH03 (33) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7329WH03 (33), completed										Mon Aug 24 01:01:47 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 31; AFTER 31 BY 27.28 D TO 28.28 D													
Diagnostics	(N7329WH03 (33)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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				
	(4)	N7329		RA: 22 40 24.1990 (340.1008292d) Dec: -66 28 44.58 (-66.47905d) Equinox: J2000				V=25		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) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n N7329WH03 (33) (4)	525 Secs (1575 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(4) N7329	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			602.937703 Secs (602.938 Secs) [==>]		[1]		

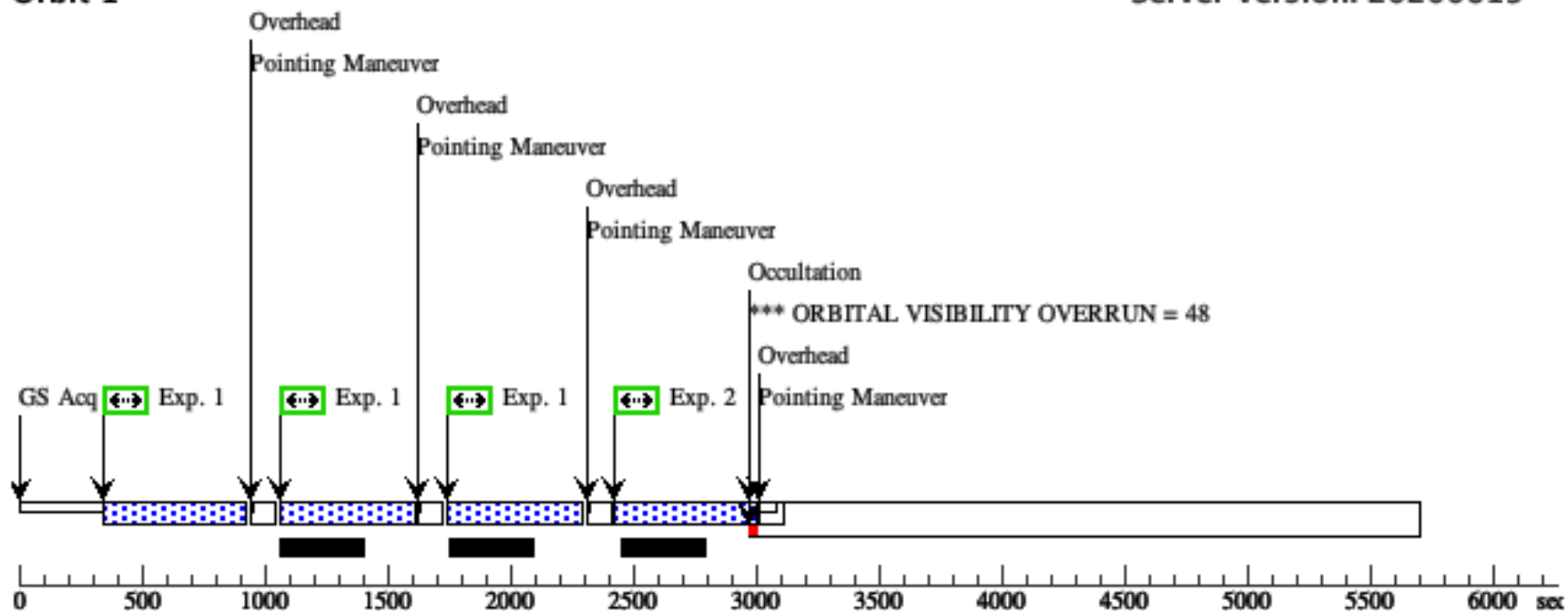


Proposal 15640 - N7329WH04I02 (34) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7329WH04I02 (34), completed										Mon Aug 24 01:01:47 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 31; AFTER 31 BY 39.36 D TO 40.86 D												
Diagnostics	(N7329WH04I02 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N7329WH04I02 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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)	
	(6)	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							(5)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(4)	N7329		RA: 22 40 24.1990 (340.1008292d) Dec: -66 28 44.58 (-66.47905d) Equinox: J2000				V=25		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) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARIO BASE1B3	Pattern 4, Exps 1-1 in N7329WH04I02 (34) (4)	525 Secs (1665 Secs) [==>555.0 Secs (Pattern 1)] [==>555.0 Secs (Pattern 2)] [==>555.0 Secs (Pattern 3)]		[1]	
	2		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W		POS TARG 0,0		525 Secs (555 Secs) [==>555.0 Secs]		[1]	
	3		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W		POS TARG 0.092,0.098; NEW OBSET FULL ACQ; GS ACQ SCENARIO BASE1B3		521 Secs (521 Secs) [==>]		[2]	
	4		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W		POS TARG 0.185,0.197		521 Secs (521 Secs) [==>]		[2]	
	5		(4) N7329	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 5-5 in N7329WH04I02 (34) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[2]	

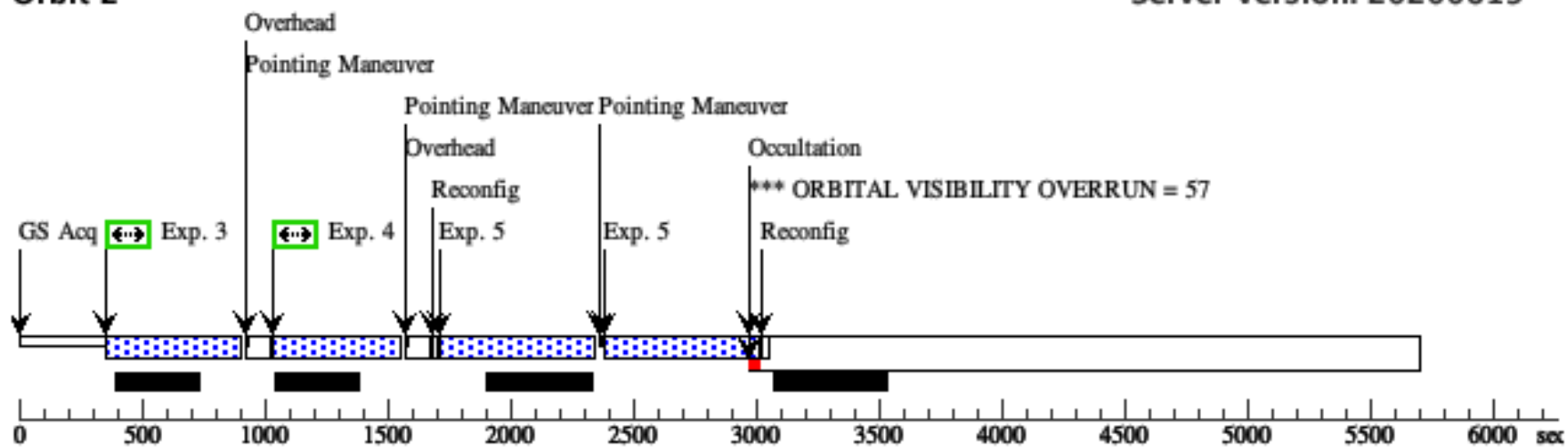
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - N7329WH05I03 (35) - The Search for New Physics Amid the Hubble Constant Tension

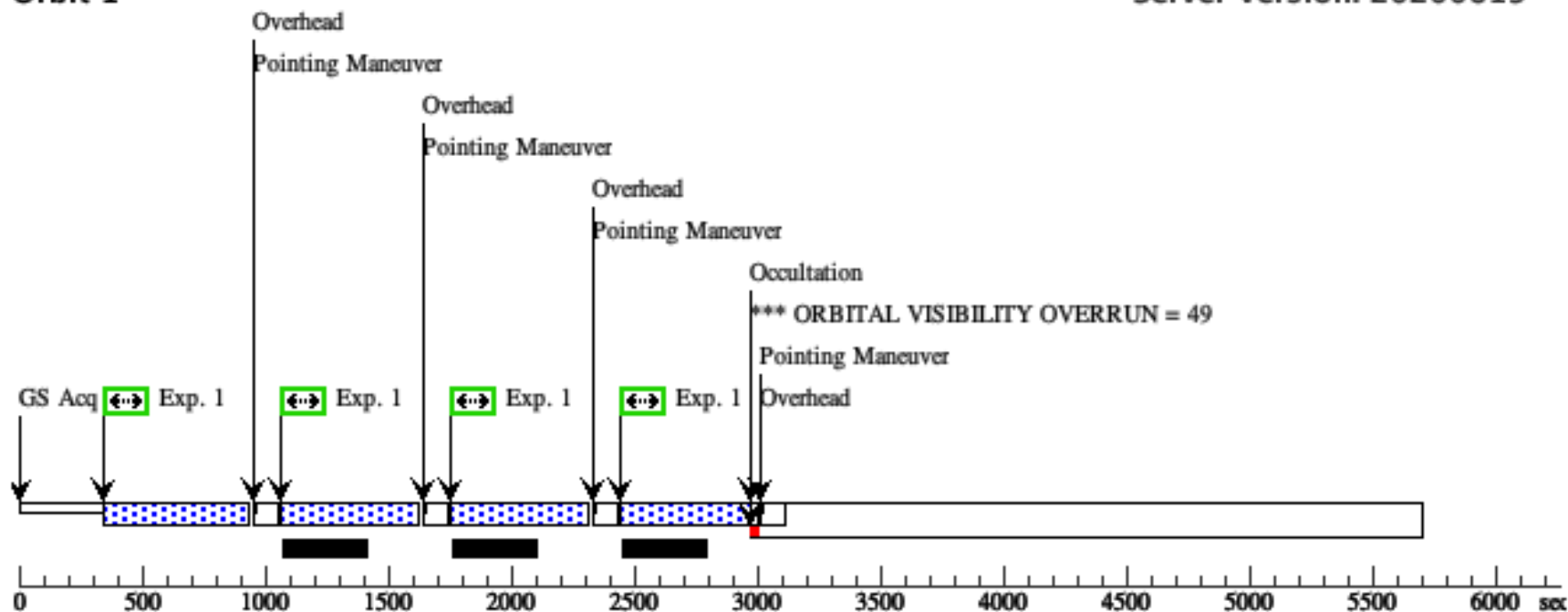
Visit	Proposal 15640, N7329WH05I03 (35), completed Mon Aug 24 01:01:47 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; ORIENT 264D TO 264 D; AFTER 31 BY 51.92 D TO 52.92 D				
Diagnostics	(N7329WH05I03 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(N7329WH05I03 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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-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)
	(6)	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
	(4)	N7329	RA: 22 40 24.1990 (340.1008292d) Dec: -66 28 44.58 (-66.47905d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - N7329WH05I03 (35) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n N7329WH05I03 (3 5) (2)	525 Secs (2244 Secs) [==>561.0 Secs (Pattern 1)] [==>561.0 Secs (Pattern 2)] [==>561.0 Secs (Pattern 3)] [==>561.0 Secs (Pattern 4)]	[1]
	2		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n N7329WH05I03 (3 5) (1)	525 Secs (1074 Secs) [==>537.0 Secs (Pattern 1)] [==>537.0 Secs (Pattern 2)]	[2]
	3		(4) N7329	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 i n N7329WH05I03 (3 5) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]

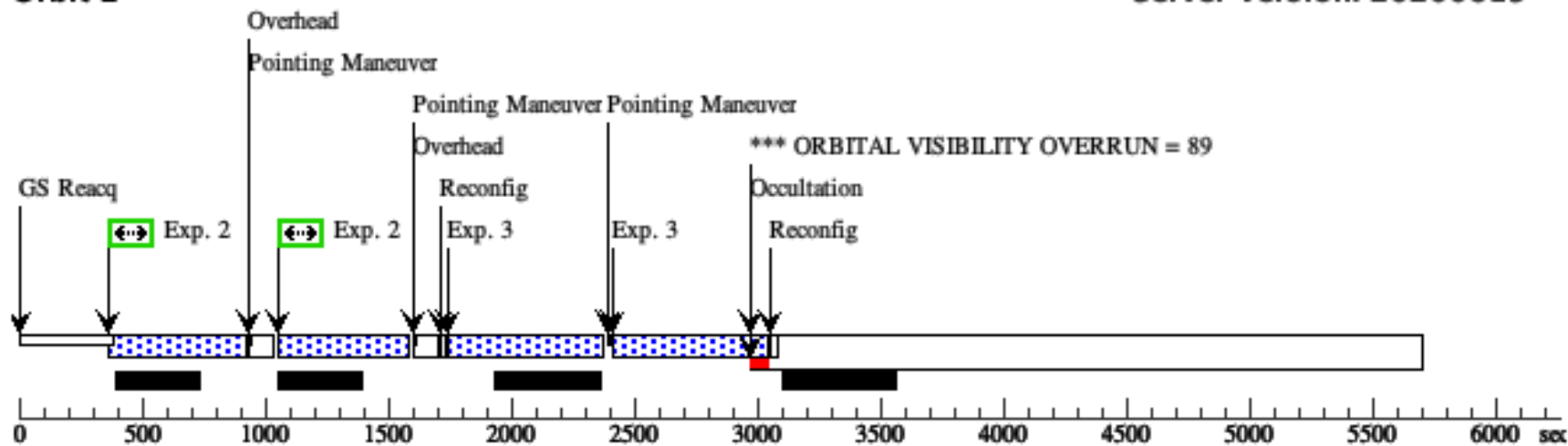
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619

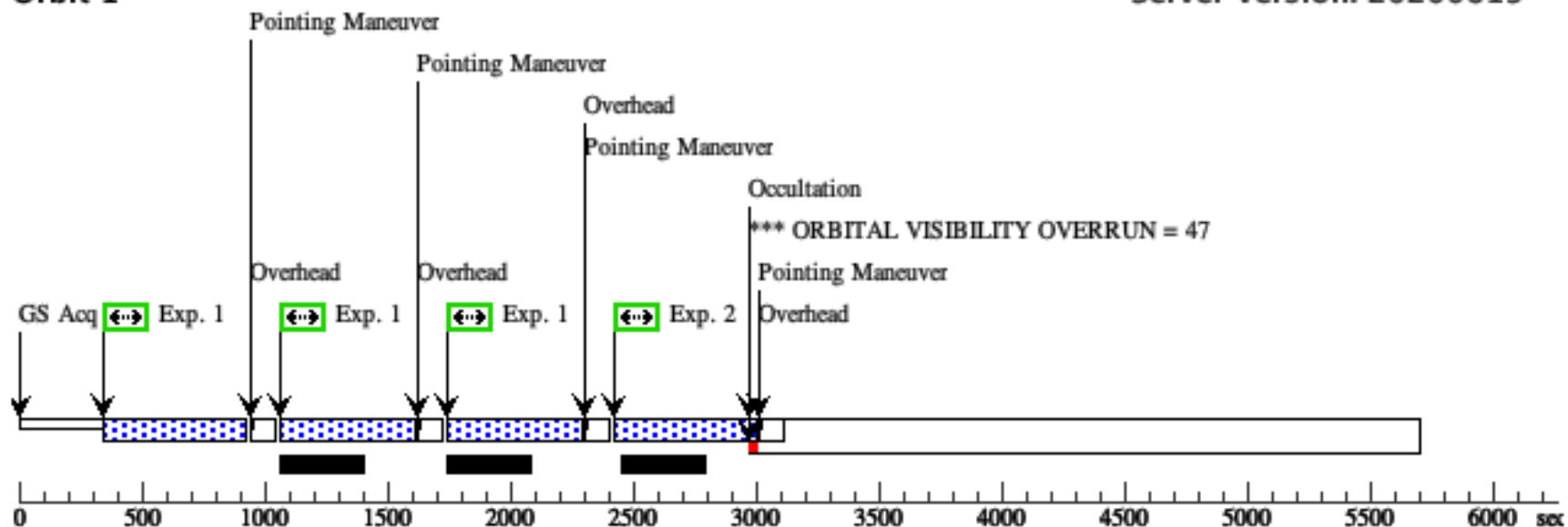


Proposal 15640 - N7329WH06V02 (36) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7329WH06V02 (36), completed										Mon Aug 24 01:01:47 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 278D TO 278 D; AFTER 31 BY 62.91 D TO 63.91 D												
Diagnostics	(N7329WH06V02 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N7329WH06V02 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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), (2)	
	(6)	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			
	(4)	N7329		RA: 22 40 24.1990 (340.1008292d) Dec: -66 28 44.58 (-66.47905d) Equinox: J2000				V=25		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) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARIO BASE1B3	Pattern 4, Exps 1-1 in N7329WH06V02 (36) (4)	525 Secs (1662 Secs)			
										[==>554.0 Secs (Pattern 1)]			
										[==>554.0 Secs (Pattern 2)]		[1]	
										[==>554.0 Secs (Pattern 3)]			
	2		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 4, Exps 2-2 in N7329WH06V02 (36) (4)	525 Secs (1628 Secs)			
										[==>554.0 Secs (Pattern 1)]		[1]	
									[==>537.0 Secs (Pattern 2)]				
									[==>537.0 Secs (Pattern 3)]		[2]		
3		(4) N7329	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 6, Exps 3-3 in N7329WH06V02 (36) (6)	602.937703 Secs (1205.875 Secs)			
										[==>(Pattern 1)]			
										[==>(Pattern 2)]		[2]	

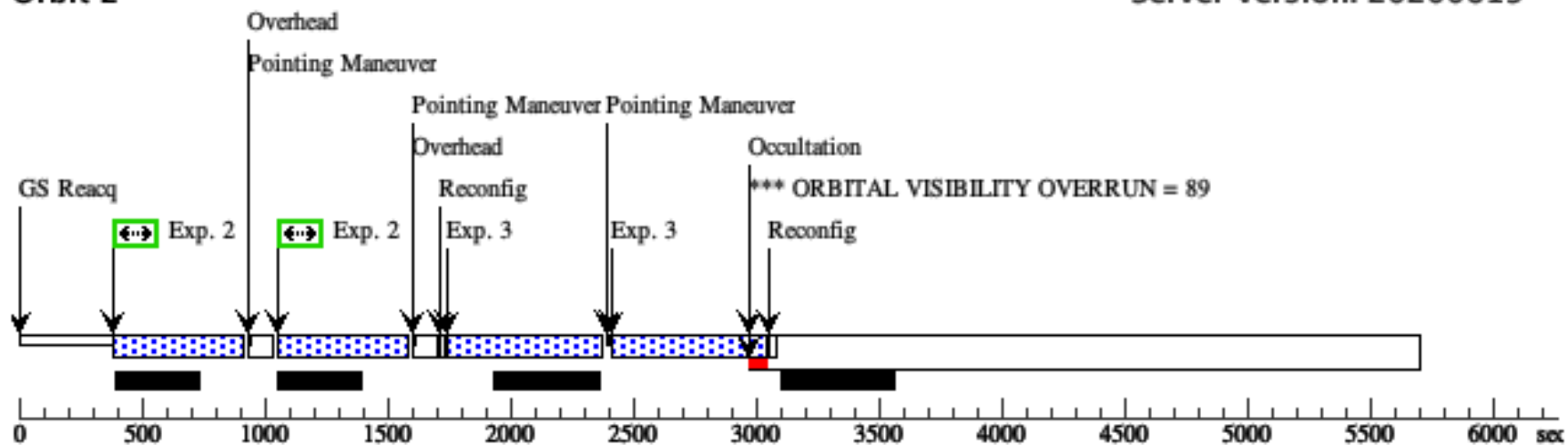
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619

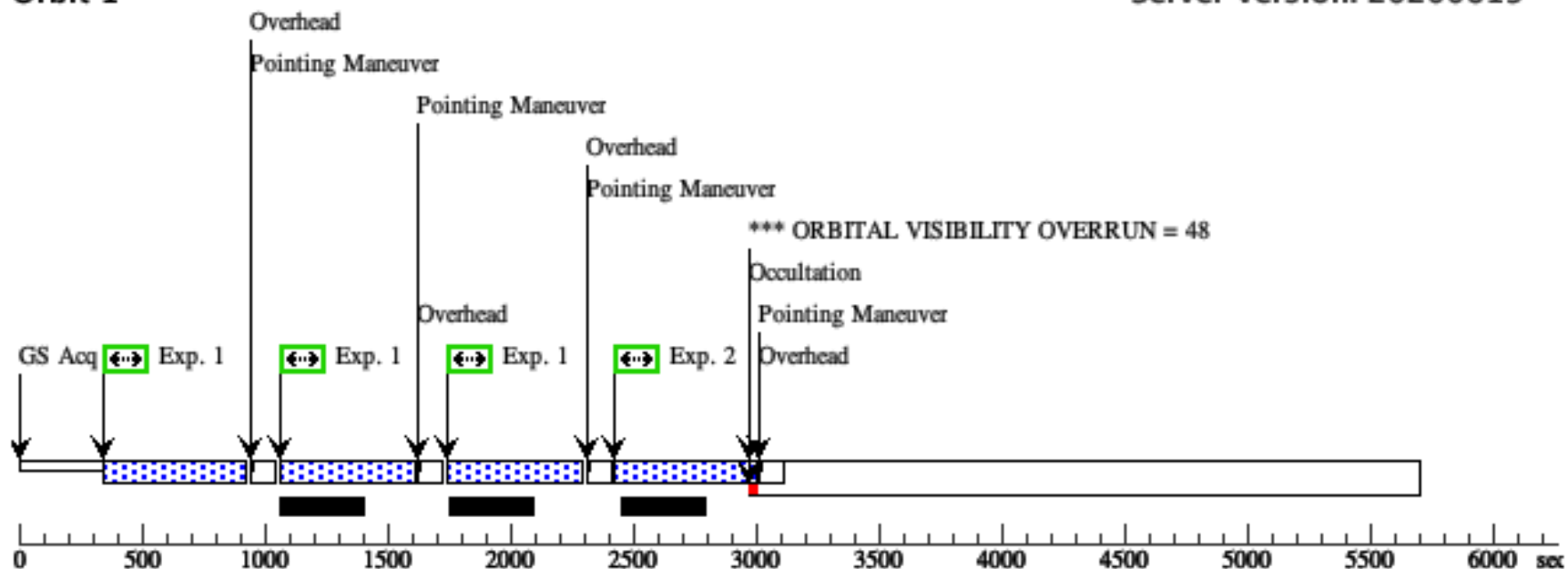


Proposal 15640 - N7329WH07I04 (37) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7329WH07I04 (37), completed										Mon Aug 24 01:01:47 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 0D TO 35D FROM 31; AFTER 31 BY 72.83 D TO 73.83 D												
Diagnostics	(N7329WH07I04 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N7329WH07I04 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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), (2)	
	(6)	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				
	(4)	N7329	RA: 22 40 24.1990 (340.1008292d) Dec: -66 28 44.58 (-66.47905d) Equinox: J2000				V=25		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) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARIO BASE1B3	Pattern 4, Exps 1-1 in N7329WH07I04 (37) (4)	525 Secs (1665 Secs) [==>555.0 Secs (Pattern 1)] [==>555.0 Secs (Pattern 2)] [==>555.0 Secs (Pattern 3)]		[1]		
	2		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 4, Exps 2-2 in N7329WH07I04 (37) (4)	525 Secs (1629 Secs) [==>555.0 Secs (Pattern 1)] [==>537.0 Secs (Pattern 2)] [==>537.0 Secs (Pattern 3)]		[1] [2]		
	3		(4) N7329	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 in N7329WH07I04 (37) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]		[2]		

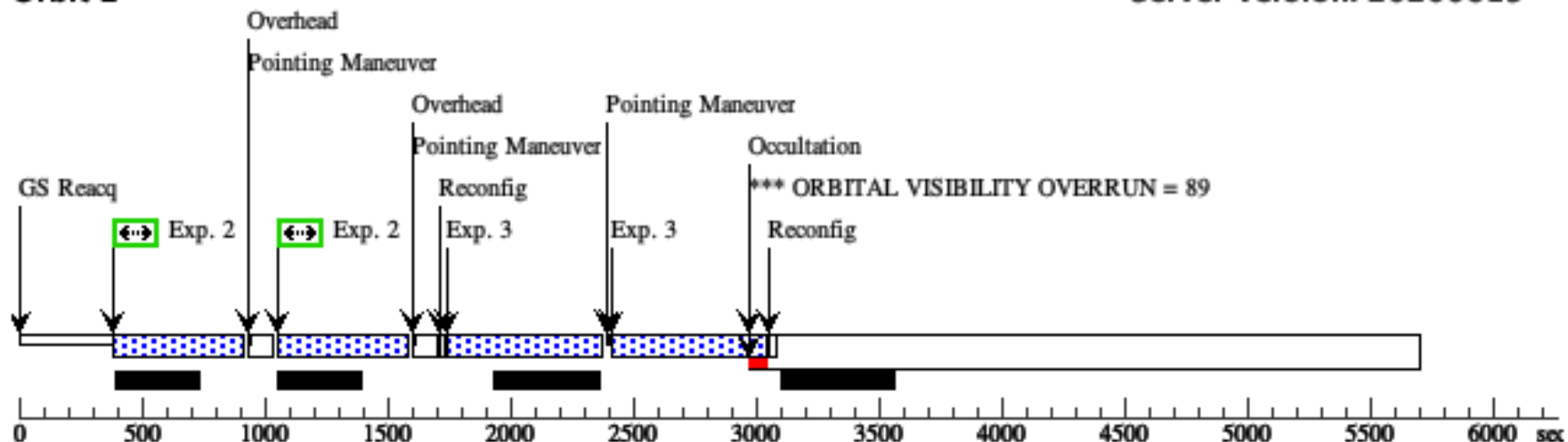
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - N7329WH08V03 (38) - The Search for New Physics Amid the Hubble Constant Tension

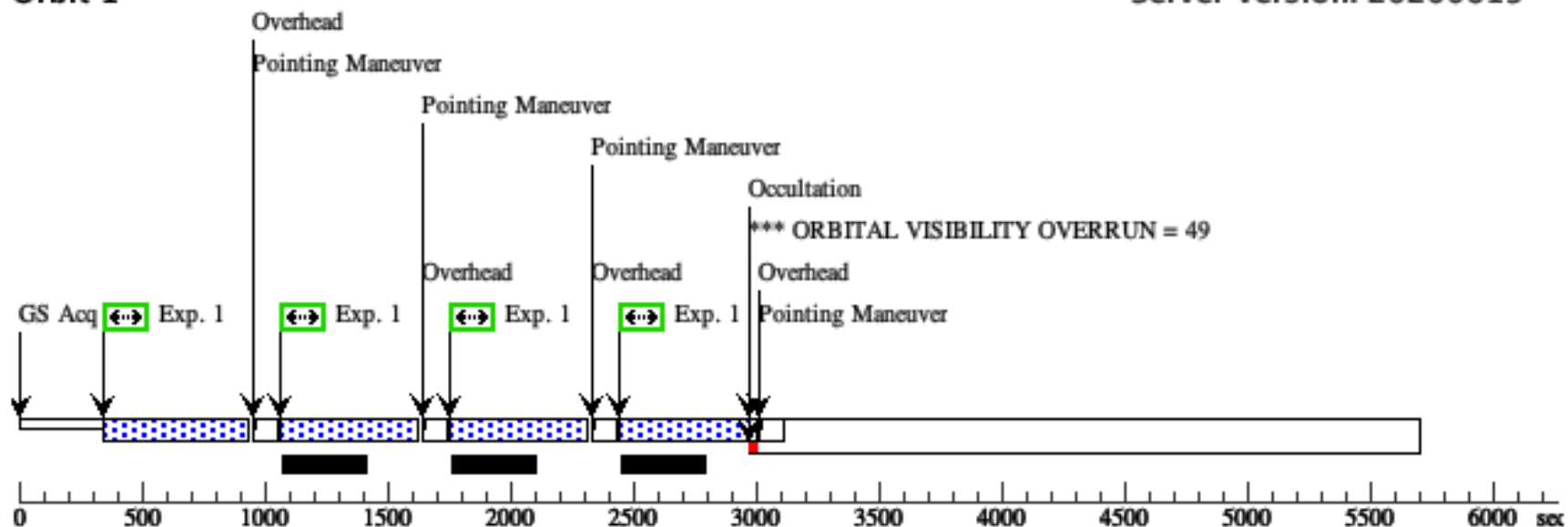
Visit	Proposal 15640, N7329WH08V03 (38), completed Mon Aug 24 01:01:47 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; ORIENT 0D TO 45D FROM 31; AFTER 31 BY 81.55 D TO 83.05 D				
Diagnostics	(N7329WH08V03 (38)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(N7329WH08V03 (38)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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-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)
	(6)	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
	(4)	N7329	RA: 22 40 24.1990 (340.1008292d) Dec: -66 28 44.58 (-66.47905d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - N7329WH08V03 (38) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 i n N7329WH08V03 (38) (2)	550 Secs (2244 Secs) [==>561.0 Secs (Pattern 1)] [==>561.0 Secs (Pattern 2)] [==>561.0 Secs (Pattern 3)] [==>561.0 Secs (Pattern 4)]	[1]
	2		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 i n N7329WH08V03 (38) (1)	520 Secs (1074 Secs) [==>537.0 Secs (Pattern 1)] [==>537.0 Secs (Pattern 2)]	[2]
	3		(4) N7329	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 i n N7329WH08V03 (38) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]

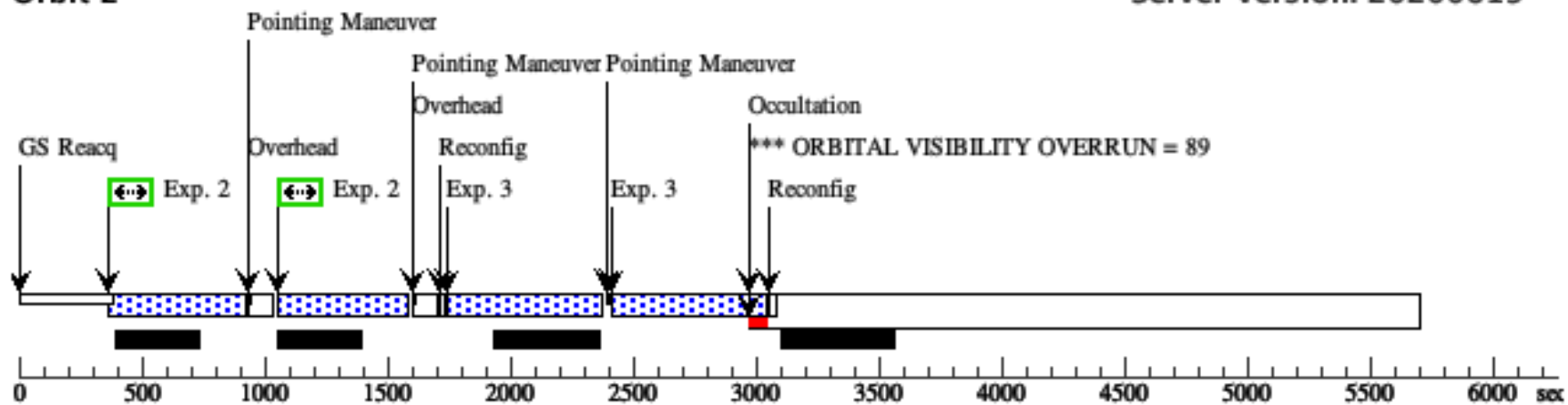
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619

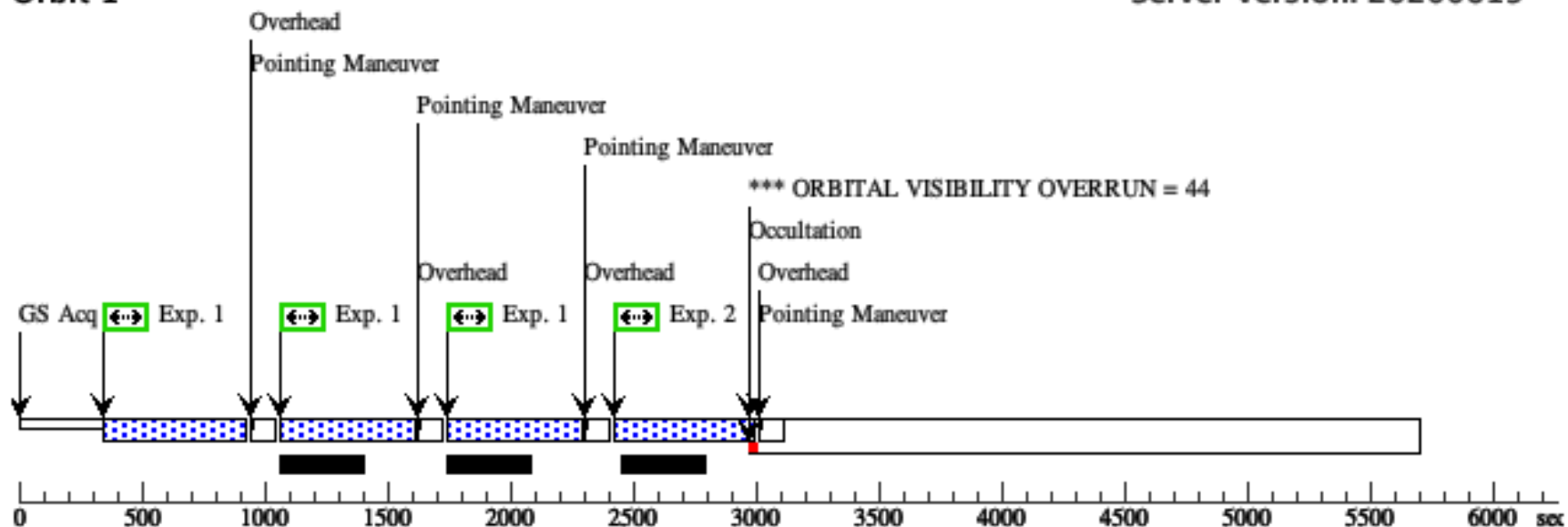


Proposal 15640 - N7329WH09I05 (39) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7329WH09I05 (39), completed										Mon Aug 24 01:01:47 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 340D TO 350 D; AFTER 31 BY 89.73 D TO 102 D												
Diagnostics	(N7329WH09I05 (39)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N7329WH09I05 (39)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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), (2)	
	(6)	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				
	(4)	N7329	RA: 22 40 24.1990 (340.1008292d) Dec: -66 28 44.58 (-66.47905d) Equinox: J2000				V=25		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) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARIO BASE1B3	Pattern 4, Exps 1-1 in N7329WH09I05 (39) (4)	525 Secs (1662 Secs)				
									[==>554.0 Secs (Pattern 1)]				
									[==>554.0 Secs (Pattern 2)]		[1]		
									[==>554.0 Secs (Pattern 3)]				
	2		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 4, Exps 2-2 in N7329WH09I05 (39) (4)	525 Secs (1628 Secs)				
									[==>554.0 Secs (Pattern 1)]		[1]		
								[==>537.0 Secs (Pattern 2)]					
								[==>537.0 Secs (Pattern 3)]		[2]			
3		(4) N7329	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 6, Exps 3-3 in N7329WH09I05 (39) (6)	602.937703 Secs (1205.875 Secs)				
									[==>(Pattern 1)]				
									[==>(Pattern 2)]		[2]		

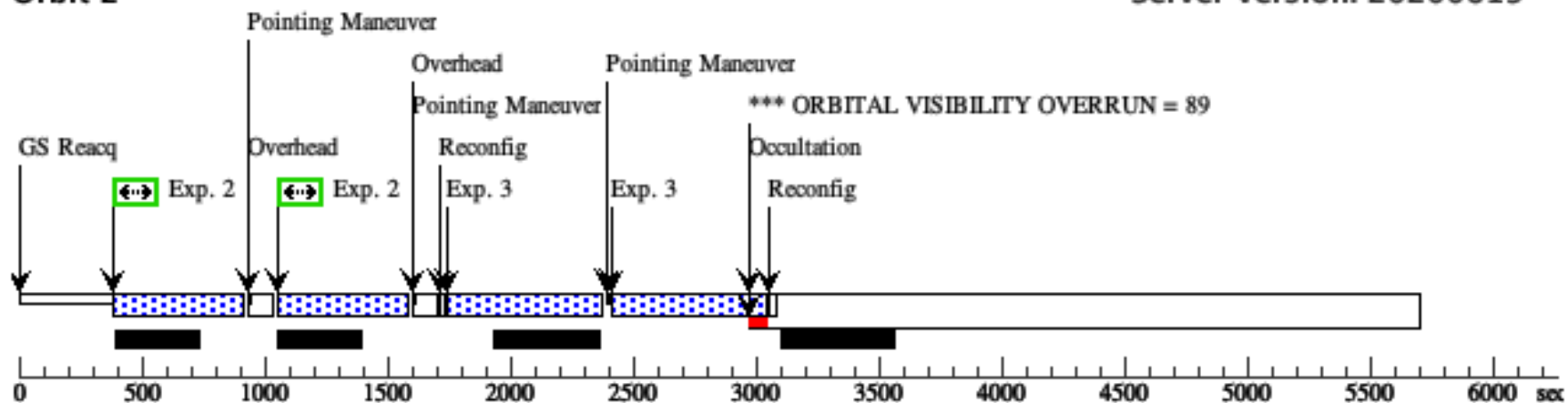
Orbit 1

Server Version: 20200619



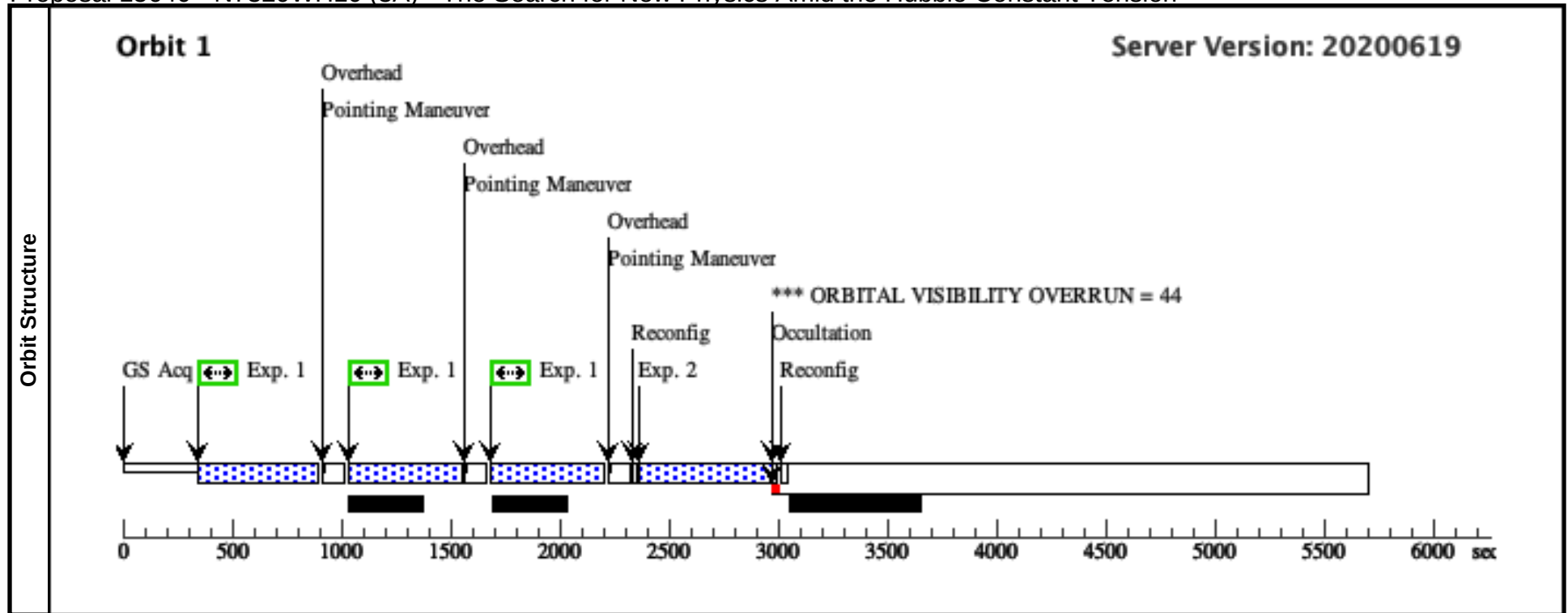
Orbit 2

Server Version: 20200619



Proposal 15640 - N7329WH10 (3A) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7329WH10 (3A), scheduled										Mon Aug 24 01:01:47 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; ORIENT 340D TO 350 D; AFTER 31 BY 110 D TO 112 D													
Diagnostics	(N7329WH10 (3A)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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				
	(4)	N7329		RA: 22 40 24.1990 (340.1008292d) Dec: -66 28 44.58 (-66.47905d) Equinox: J2000				V=25		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) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n N7329WH10 (3A) (4)	525 Secs (1575 Secs)				
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]		[1]		
	2		(4) N7329	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			602.937703 Secs (602.938 Secs)				
										[==>]		[1]		

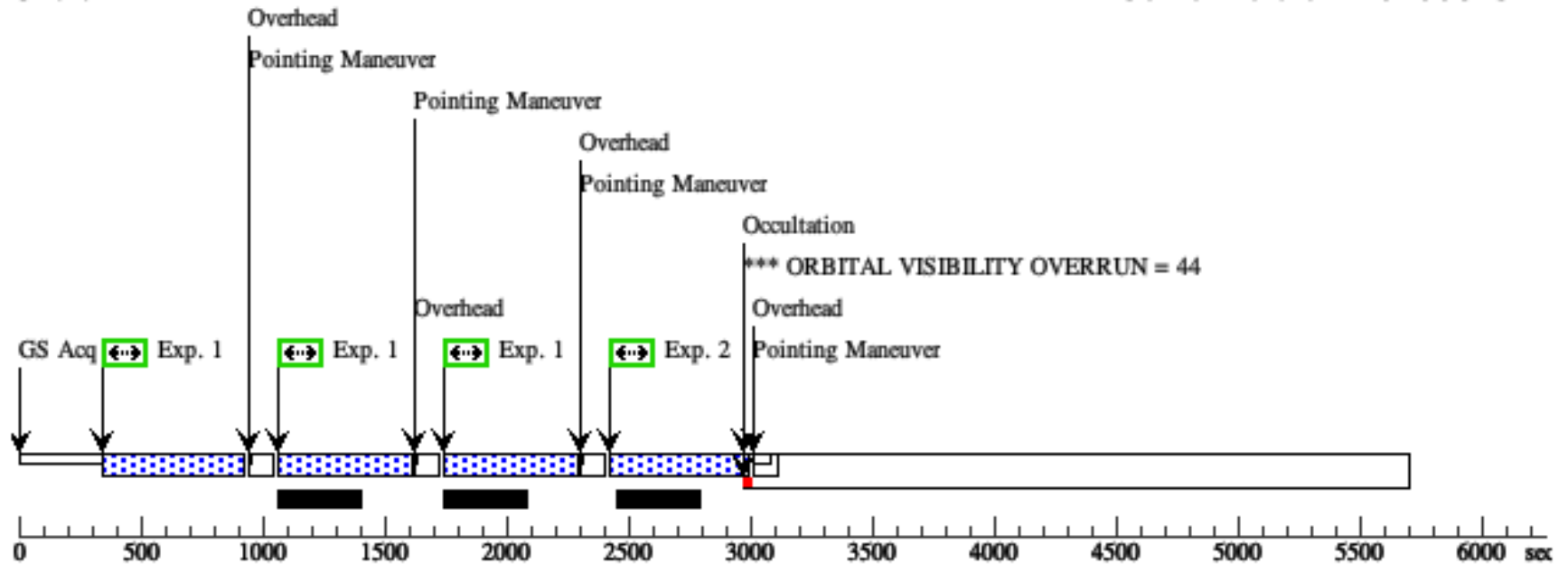


Proposal 15640 - N7329WH11I06 (3B) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7329WH11I06 (3B), implementation										Mon Aug 24 01:01:47 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 340D TO 350 D; AFTER 31 BY 123 D TO 126 D												
Diagnostics	(N7329WH11I06 (3B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N7329WH11I06 (3B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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)	
	(6)	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										(5)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(4)	N7329		RA: 22 40 24.1990 (340.1008292d) Dec: -66 28 44.58 (-66.47905d) Equinox: J2000				V=25		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) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARIO BASE1B3	Pattern 4, Exps 1-1 in N7329WH11I06 (3B) (4)	525 Secs (1662 Secs)			
										[==>554 Secs (Pattern 1)] [==>554 Secs (Pattern 2)] [==>554 Secs (Pattern 3)]		[1]	
	2		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W				554 Secs (554 Secs)			
										[==>]		[1]	
	3		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W		POS TARG 0.135,0.135; NEW OBSET FULL ACQ		537 Secs (537 Secs)			
										[==>]		[2]	
4		(4) N7329	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W		POS TARG 0.270,0.270		537 Secs (537 Secs)				
									[==>]		[2]		
5		(4) N7329	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 5-5 in N7329WH11I06 (3B) (6)	602.937703 Secs (1205.875 Secs)				
									[==>(Pattern 1)] [==>(Pattern 2)]		[2]		

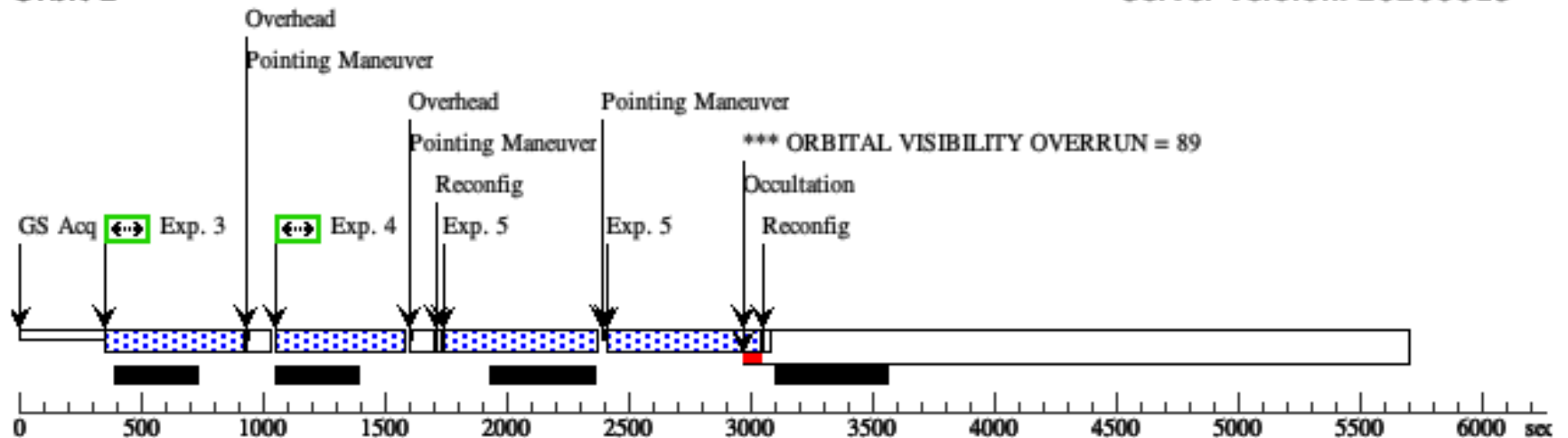
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - N7678WH01I01 (41) - The Search for New Physics Amid the Hubble Constant Tension

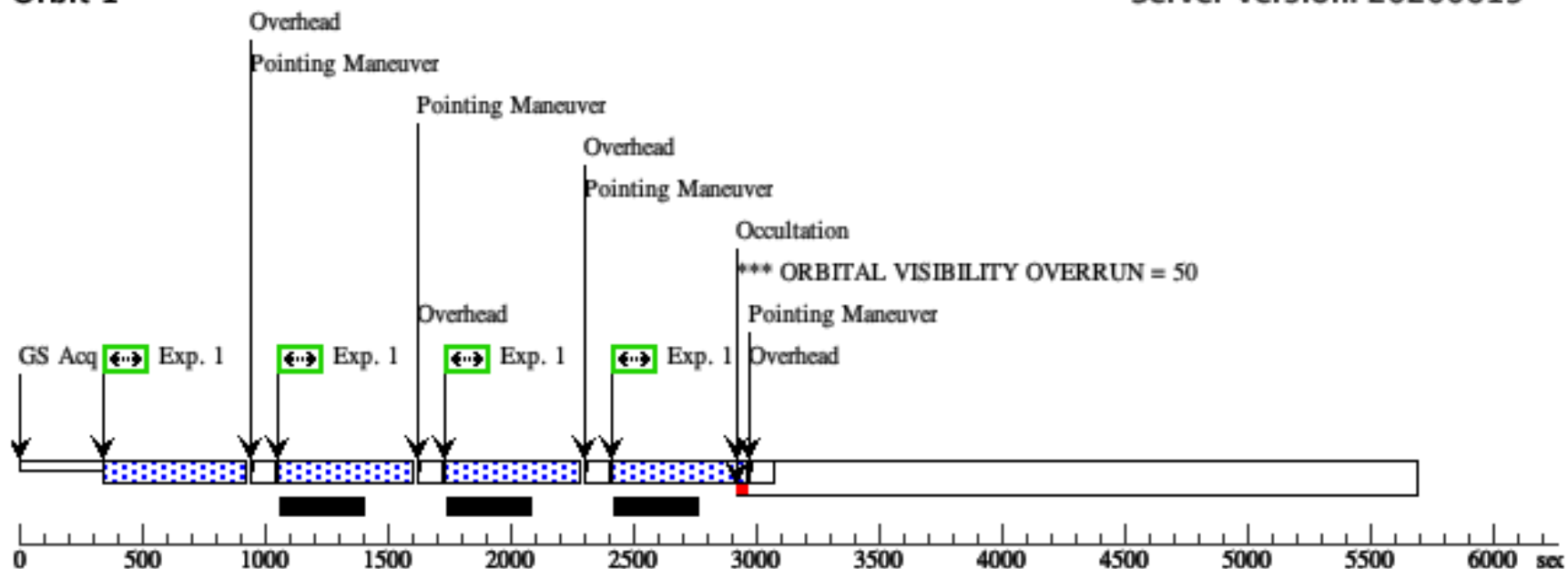
Visit	Proposal 15640, N7678WH01I01 (41), completed Mon Aug 24 01:01:48 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; ORIENT 230D TO 260 D				
Diagnostics	(N7678WH01I01 (41)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(N7678WH01I01 (41)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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-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)
	(6)	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
	(5)	N7678	RA: 23 28 27.8603 (352.1160846d) Dec: +22 25 16.57 (22.42127d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - N7678WH01I01 (41) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 i n N7678WH01I01 (4 1) (2)	525 Secs (2204 Secs) [==>551.0 Secs (Pattern 1)] [==>551.0 Secs (Pattern 2)] [==>551.0 Secs (Pattern 3)] [==>551.0 Secs (Pattern 4)]	[1]
	2		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n N7678WH01I01 (4 1) (1)	500 Secs (1034 Secs) [==>517.0 Secs (Pattern 1)] [==>517.0 Secs (Pattern 2)]	[2]
	3		(5) N7678	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 i n N7678WH01I01 (4 1) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]

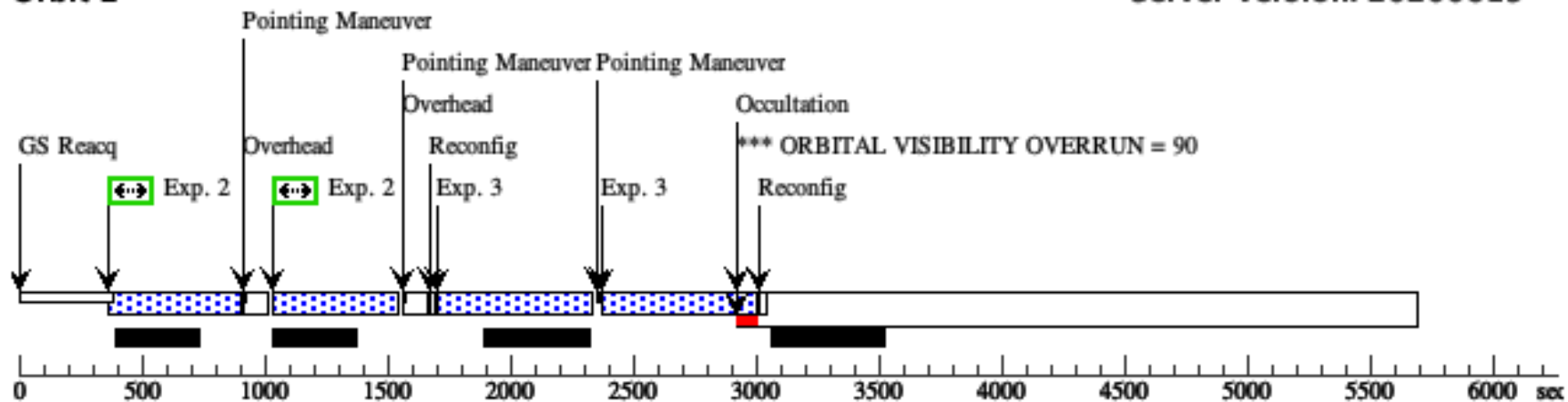
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619

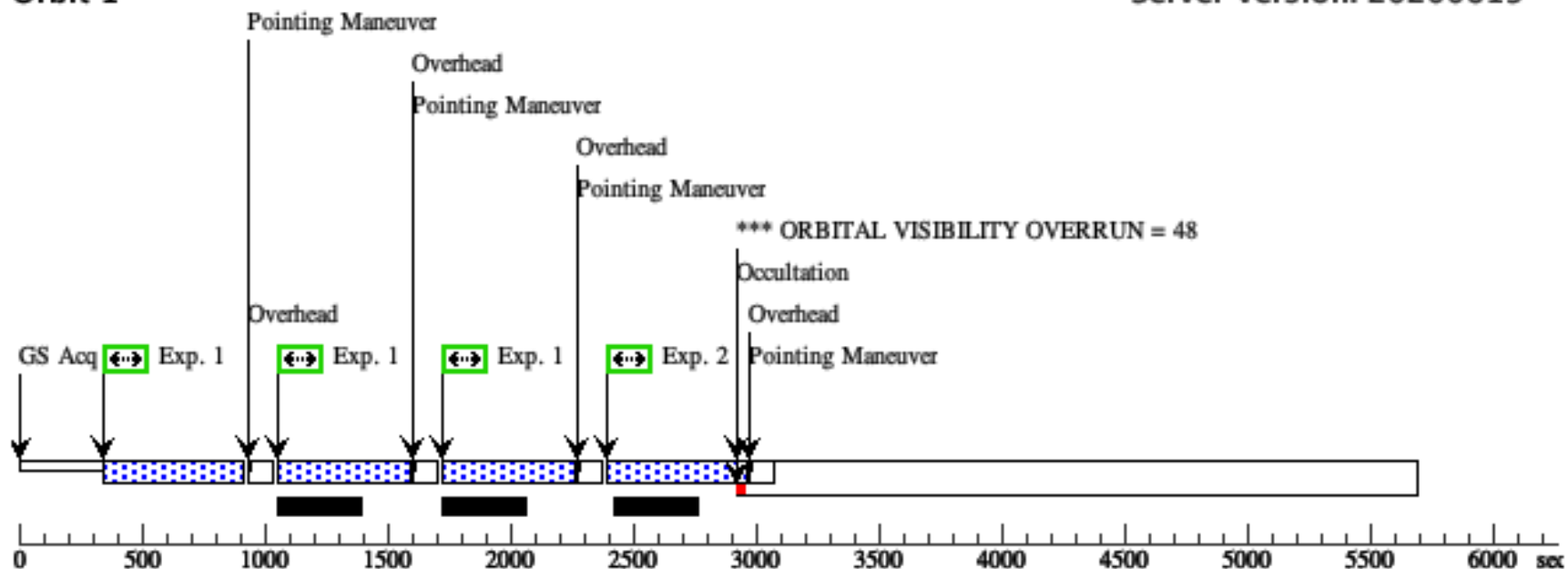


Proposal 15640 - N7678WH02V01 (42) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7678WH02V01 (42), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 41; AFTER 41 BY 13.76 D TO 14.76 D												
Diagnostics	(N7678WH02V01 (42)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N7678WH02V01 (42)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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), (2)	
	(6)	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		
	(5)	N7678	RA: 23 28 27.8603 (352.1160846d) Dec: +22 25 16.57 (22.42127d) Equinox: J2000						V=25		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) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 in N7678WH02V01 (42) (4)	500 Secs (1632 Secs)			
										[==>544.0 Secs (Pattern 1)]			
										[==>544.0 Secs (Pattern 2)]		[1]	
										[==>544.0 Secs (Pattern 3)]			
	2		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 4, Exps 2-2 in N7678WH02V01 (42) (4)	500 Secs (1578 Secs)			
										[==>544.0 Secs (Pattern 1)]		[1]	
										[==>517.0 Secs (Pattern 2)]			
									[==>517.0 Secs (Pattern 3)]		[2]		
3		(5) N7678	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 6, Exps 3-3 in N7678WH02V01 (42) (6)	602.937703 Secs (1205.875 Secs)			
										[==>(Pattern 1)]			
										[==>(Pattern 2)]		[2]	

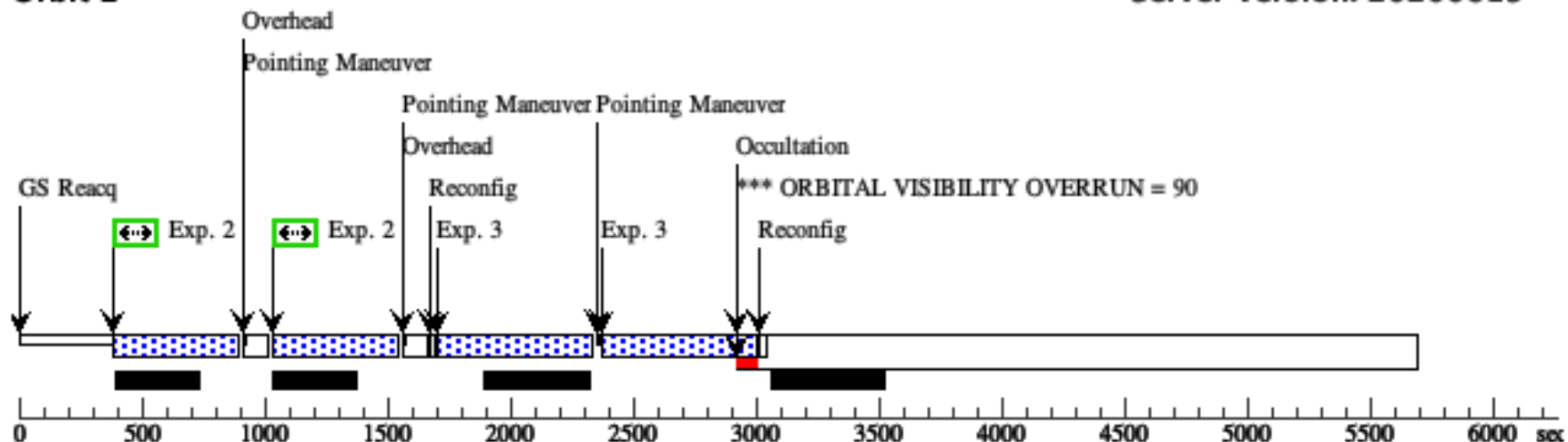
Orbit 1

Server Version: 20200619



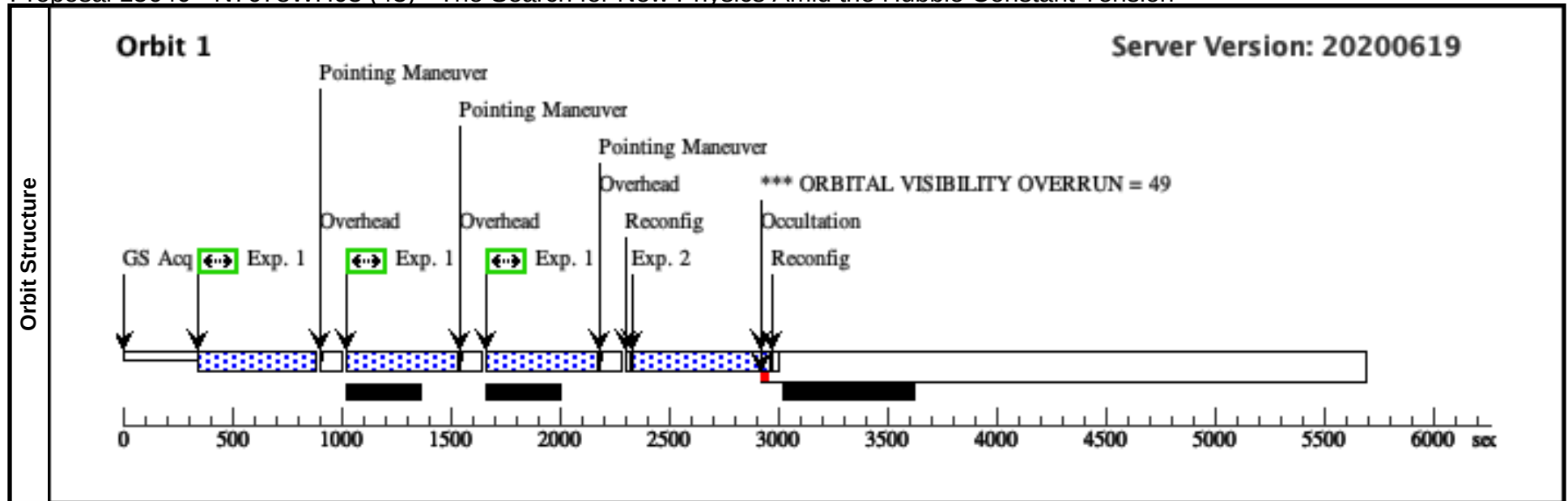
Orbit 2

Server Version: 20200619



Proposal 15640 - N7678WH03 (43) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7678WH03 (43), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 41; AFTER 41 BY 27.28 D TO 30.28 D												
Diagnostics	(N7678WH03 (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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)	N7678		RA: 23 28 27.8603 (352.1160846d) Dec: +22 25 16.57 (22.42127d) Equinox: J2000				V=25		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) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 i n N7678WH03 (43) (4)	500 Secs (1539 Secs) [==>513.0 Secs (Pattern 1)] [==>513.0 Secs (Pattern 2)] [==>513.0 Secs (Pattern 3)]		[1]	
	2		(5) N7678	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			602.937703 Secs (602.938 Secs) [==>]		[1]	

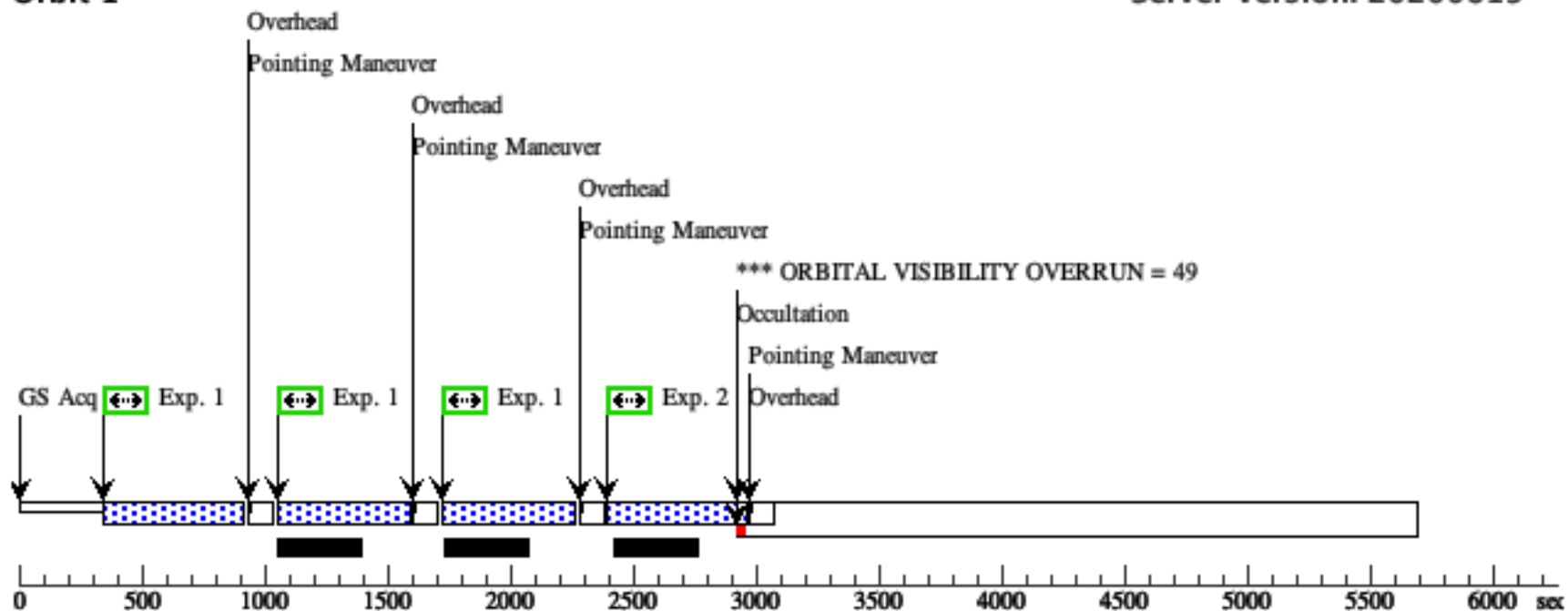


Proposal 15640 - N7678WH04I02 (44) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7678WH04I02 (44), completed										Mon Aug 24 01:01:48 GMT 2020				
	Diagnostic Status: Warning														
	Scientific Instruments: WFC3/IR, WFC3/UVIS														
	Special Requirements: SCHED 100%; SAME ORIENT AS 41; AFTER 41 BY 39.86 D TO 40.86 D														
Diagnostics	(N7678WH04I02 (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN														
	(N7678WH04I02 (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN														
Patterns	#	Primary Pattern						Secondary Pattern				Exposures			
	(4)	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), (2)	
	(6)	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					
	(5)	N7678		RA: 23 28 27.8603 (352.1160846d) Dec: +22 25 16.57 (22.42127d) Equinox: J2000				V=25		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) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 in N7678WH04I02 (44) (4)		500 Secs (1635 Secs) [==>545.0 Secs (Pattern 1)] [==>545.0 Secs (Pattern 2)] [==>545.0 Secs (Pattern 3)]	[1]			
	2		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W			Pattern 4, Exps 2-2 in N7678WH04I02 (44) (4)		500 Secs (1579 Secs) [==>545.0 Secs (Pattern 1)] [==>517.0 Secs (Pattern 2)] [==>517.0 Secs (Pattern 3)]	[1] [2]			
	3		(5) N7678	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 in N7678WH04I02 (44) (6)		602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]			

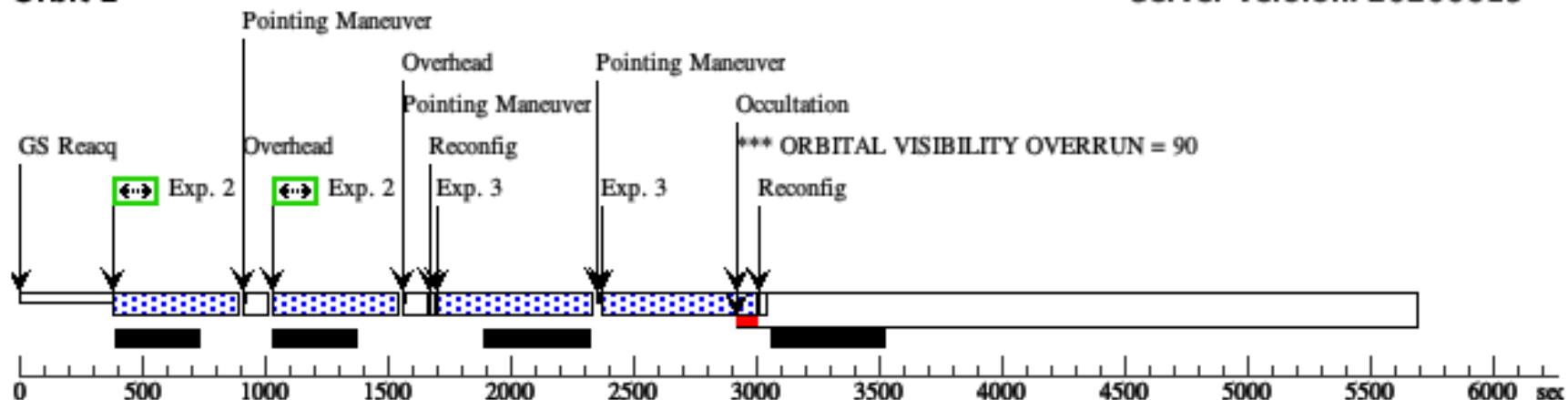
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - N7678WH05I03 (45) - The Search for New Physics Amid the Hubble Constant Tension

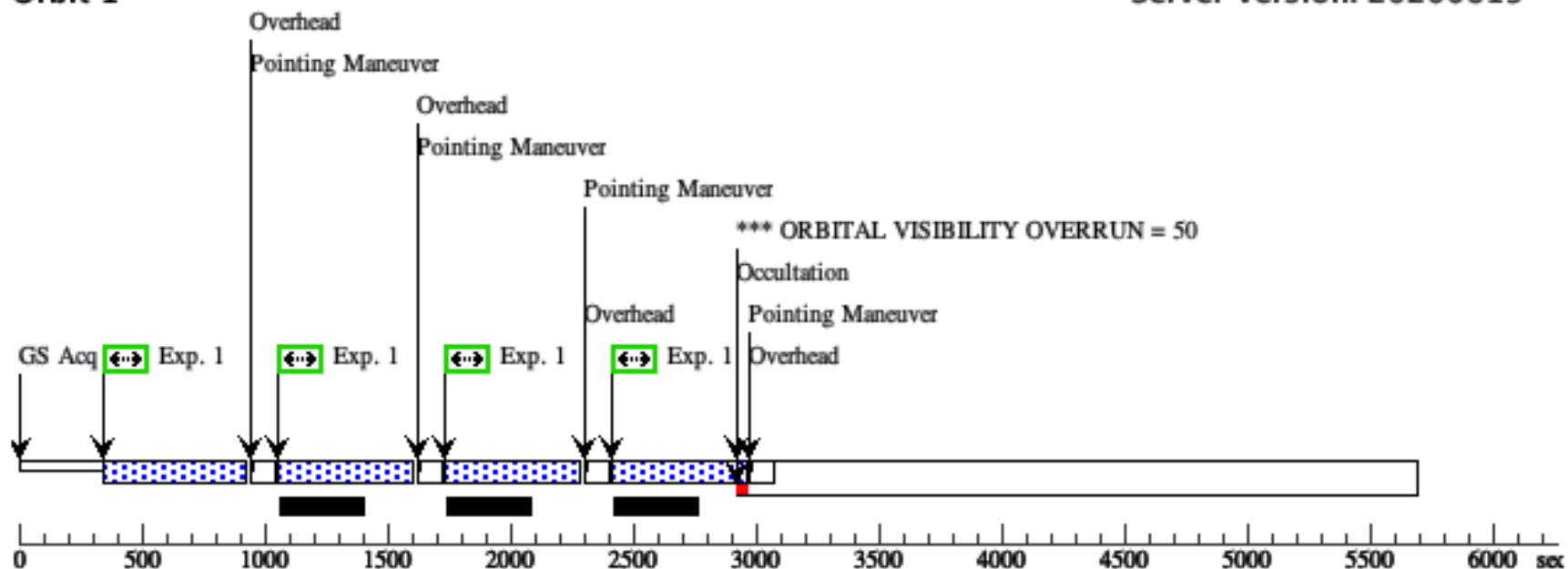
Visit	Proposal 15640, N7678WH05I03 (45), completed Mon Aug 24 01:01:48 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 41; AFTER 41 BY 51.92 D TO 52.92 D				
Diagnostics	(N7678WH05I03 (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(N7678WH05I03 (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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-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)
	(6)	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
	(5)	N7678	RA: 23 28 27.8603 (352.1160846d) Dec: +22 25 16.57 (22.42127d) Equinox: J2000		V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - N7678WH05I03 (45) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 i n N7678WH05I03 (4 5) (2)	525 Secs (2204 Secs) [==>551.0 Secs (Pattern 1)] [==>551.0 Secs (Pattern 2)] [==>551.0 Secs (Pattern 3)] [==>551.0 Secs (Pattern 4)]	[1]
	2		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n N7678WH05I03 (4 5) (1)	500 Secs (1034 Secs) [==>517.0 Secs (Pattern 1)] [==>517.0 Secs (Pattern 2)]	[2]
	3		(5) N7678	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 i n N7678WH05I03 (4 5) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]

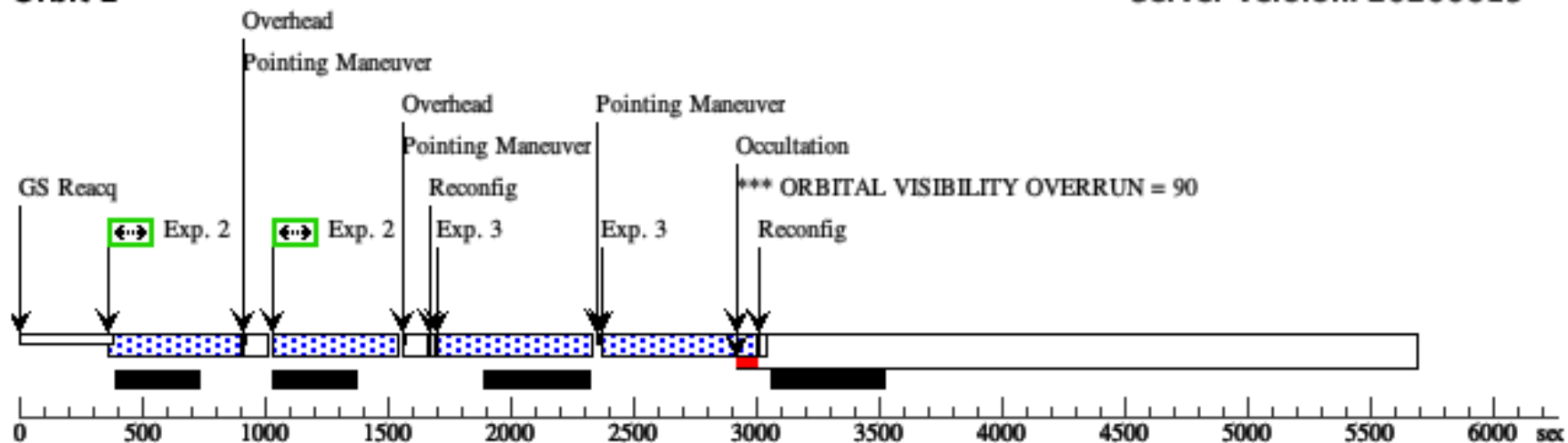
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619

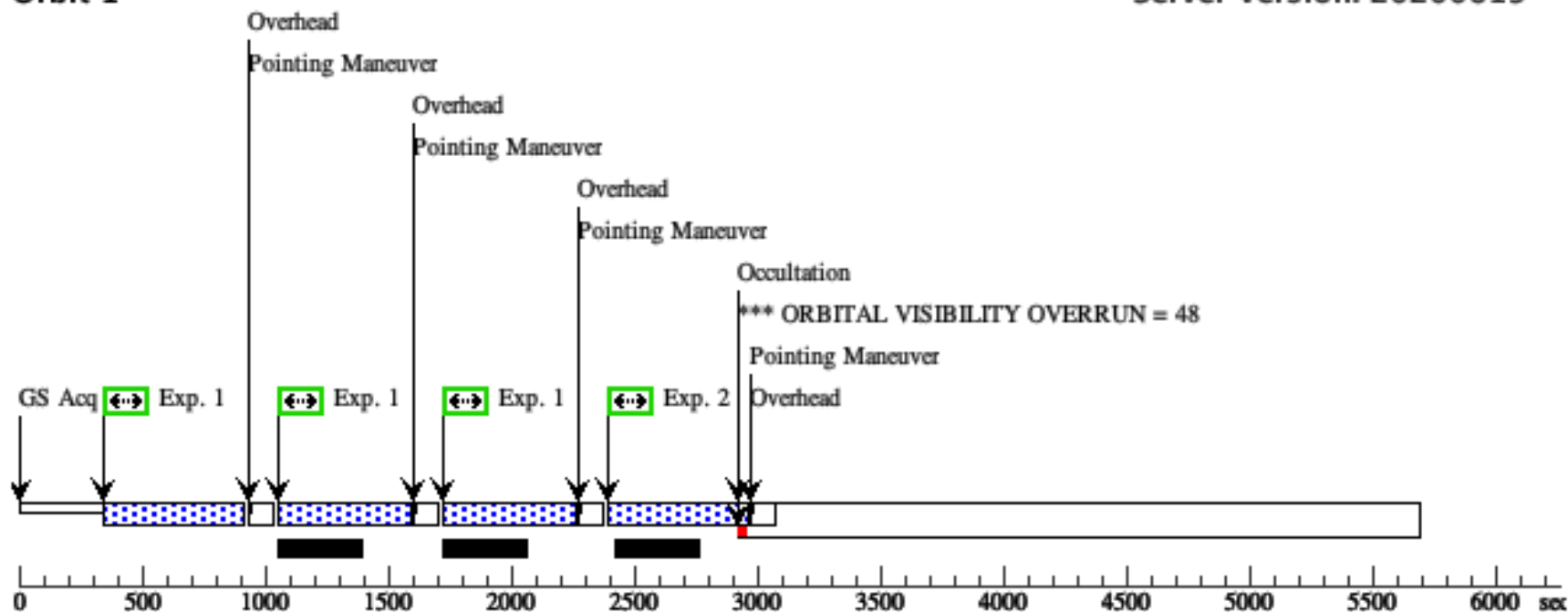


Proposal 15640 - N7678WH06V02 (46) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7678WH06V02 (46), completed										Mon Aug 24 01:01:48 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/IR, WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 41; AFTER 41 BY 62.91 D TO 63.91 D										
Diagnostics	(N7678WH06V02 (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
	(N7678WH06V02 (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
Patterns	#	Primary Pattern					Secondary Pattern				Exposures
	(4)	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), (2)
	(6)	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		
	(5)	N7678	RA: 23 28 27.8603 (352.1160846d) Dec: +22 25 16.57 (22.42127d) Equinox: J2000				V=25		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) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 in N7678WH06V02 (46) (4)	500 Secs (1632 Secs)		
									[==>544.0 Secs (Pattern 1)]		[1]
									[==>544.0 Secs (Pattern 2)]		
									[==>544.0 Secs (Pattern 3)]		
	2		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 4, Exps 2-2 in N7678WH06V02 (46) (4)	500 Secs (1578 Secs)		
									[==>544.0 Secs (Pattern 1)]		[1]
								[==>517.0 Secs (Pattern 2)]		[2]	
								[==>517.0 Secs (Pattern 3)]			
3		(5) N7678	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W		NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 in N7678WH06V02 (46) (6)	602.937703 Secs (1205.875 Secs)		
									[==>(Pattern 1)]		[2]
									[==>(Pattern 2)]		

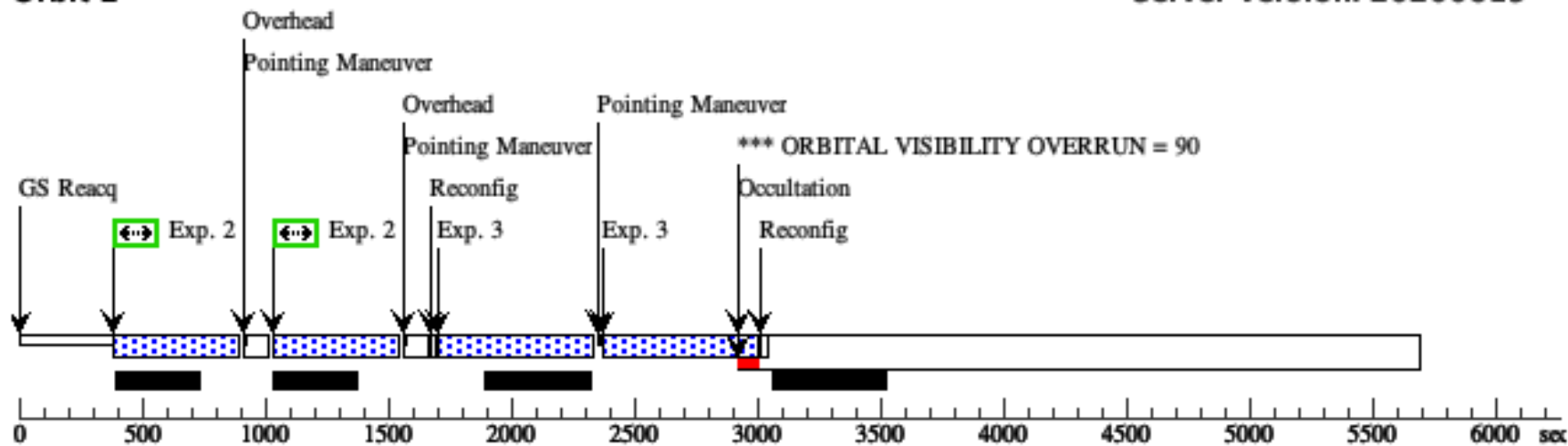
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619

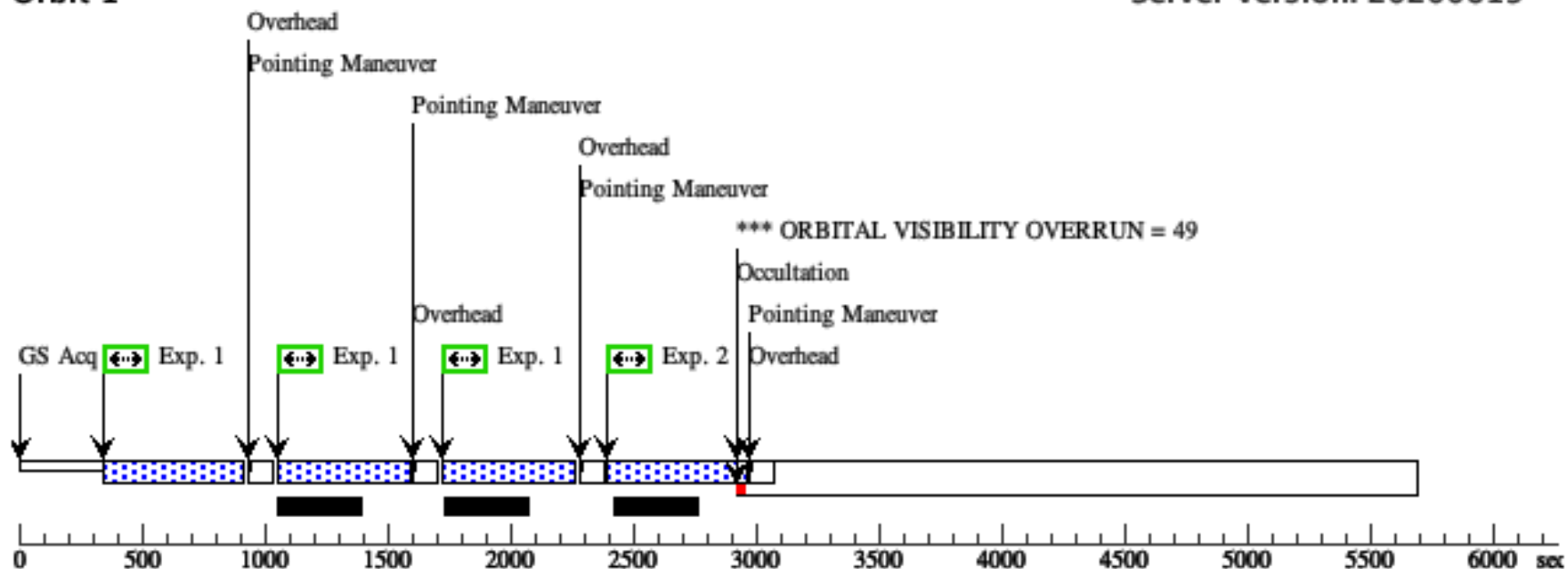


Proposal 15640 - N7678WH07I04 (47) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7678WH07I04 (47), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT -35D TO 0D FROM 41; AFTER 41 BY 72.83 D TO 73.83 D												
Diagnostics	(N7678WH07I04 (47)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N7678WH07I04 (47)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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), (2)	
	(6)	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				
	(5)	N7678	RA: 23 28 27.8603 (352.1160846d) Dec: +22 25 16.57 (22.42127d) Equinox: J2000				V=25		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) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 4, Exps 1-1 in N7678WH07I04 (47) (4)	500 Secs (1635 Secs)				
									[==>545.0 Secs (Pattern 1)]		[1]		
									[==>545.0 Secs (Pattern 2)]				
									[==>545.0 Secs (Pattern 3)]				
	2		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W				Pattern 4, Exps 2-2 in N7678WH07I04 (47) (4)	500 Secs (1579 Secs)			
									[==>545.0 Secs (Pattern 1)]		[1]		
									[==>517.0 Secs (Pattern 2)]		[2]		
									[==>517.0 Secs (Pattern 3)]				
3		(5) N7678	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W		NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 in N7678WH07I04 (47) (6)	602.937703 Secs (1205.875 Secs)				
									[==>(Pattern 1)]		[2]		
									[==>(Pattern 2)]				

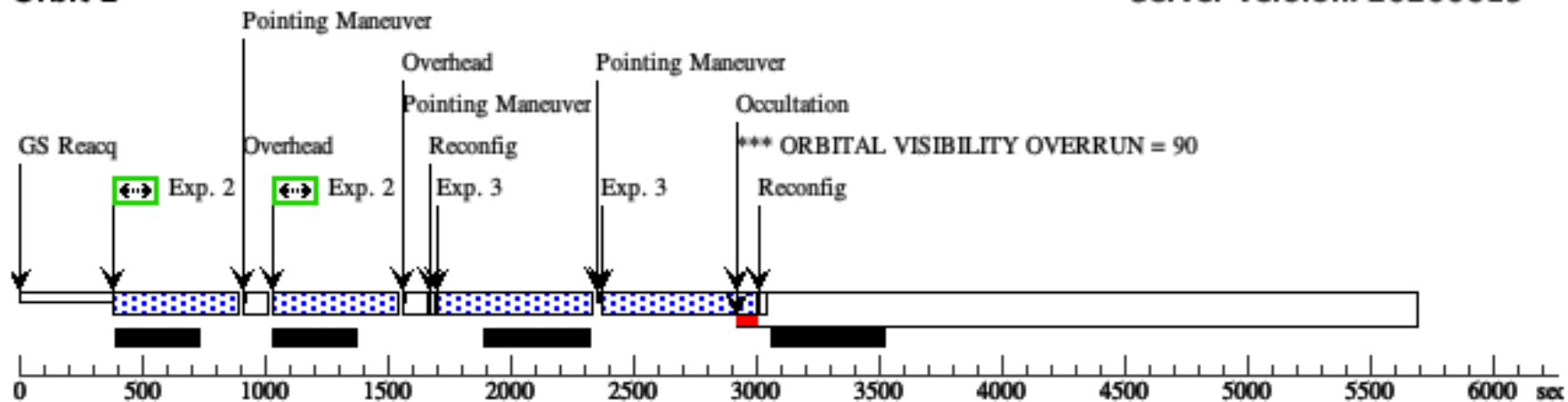
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - N7678WH08V03 (48) - The Search for New Physics Amid the Hubble Constant Tension

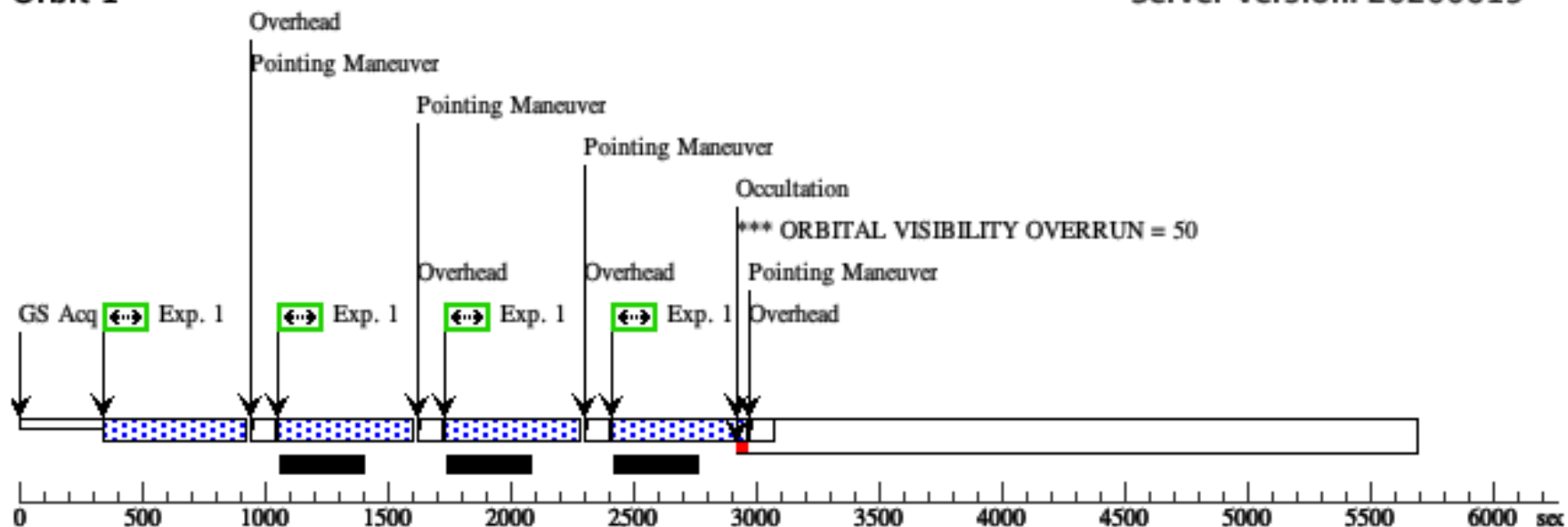
Visit	Proposal 15640, N7678WH08V03 (48), completed Mon Aug 24 01:01:48 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 47; AFTER 41 BY 81.55 D TO 82.55 D				
Diagnostics	(N7678WH08V03 (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (N7678WH08V03 (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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-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)
	(6)	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
	(5)	N7678	RA: 23 28 27.8603 (352.1160846d) Dec: +22 25 16.57 (22.42127d) Equinox: J2000		V=25
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]				
	Reference Frame: SIMBAD				

Proposal 15640 - N7678WH08V03 (48) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 2, Exps 1-1 i n N7678WH08V03 (48) (2)	500 Secs (2204 Secs) [==>551.0 Secs (Pattern 1)] [==>551.0 Secs (Pattern 2)] [==>551.0 Secs (Pattern 3)] [==>551.0 Secs (Pattern 4)]	[1]
	2		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 i n N7678WH08V03 (48) (1)	500 Secs (1034 Secs) [==>517.0 Secs (Pattern 1)] [==>517.0 Secs (Pattern 2)]	[2]
	3		(5) N7678	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 i n N7678WH08V03 (48) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]

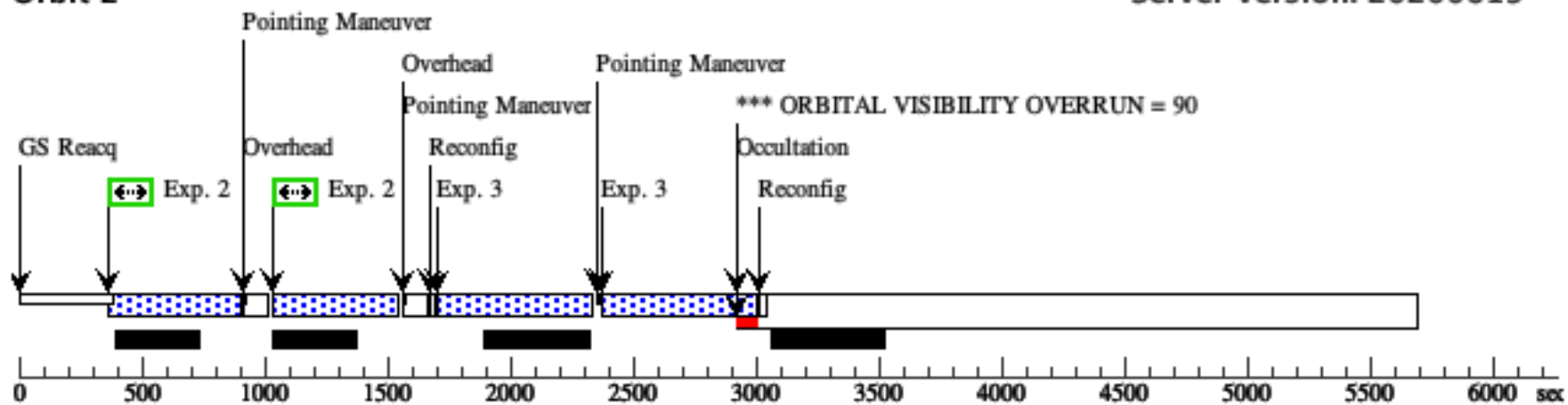
Orbit 1

Server Version: 20200619



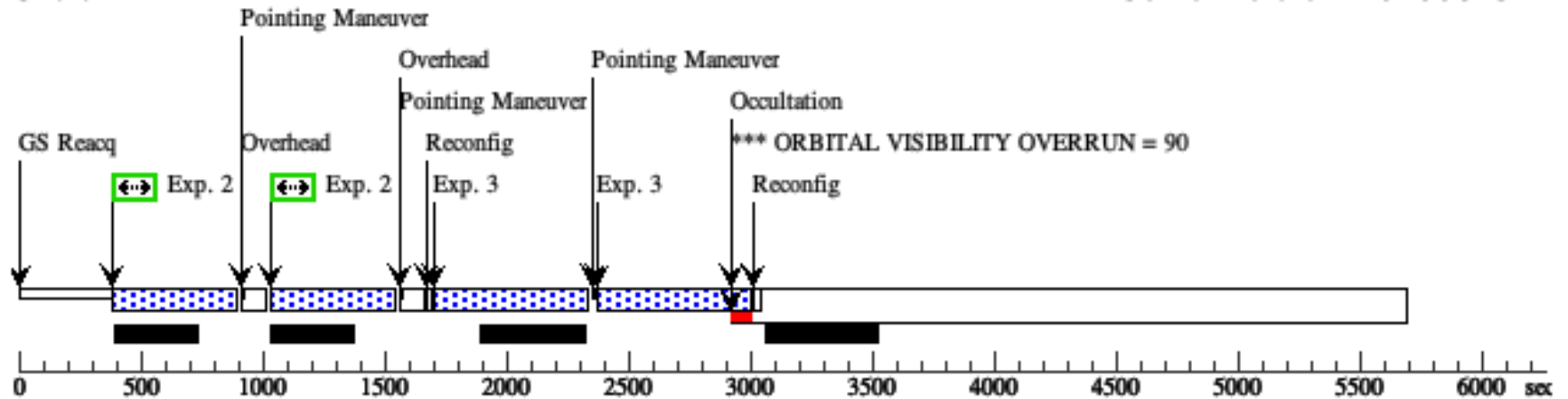
Orbit 2

Server Version: 20200619



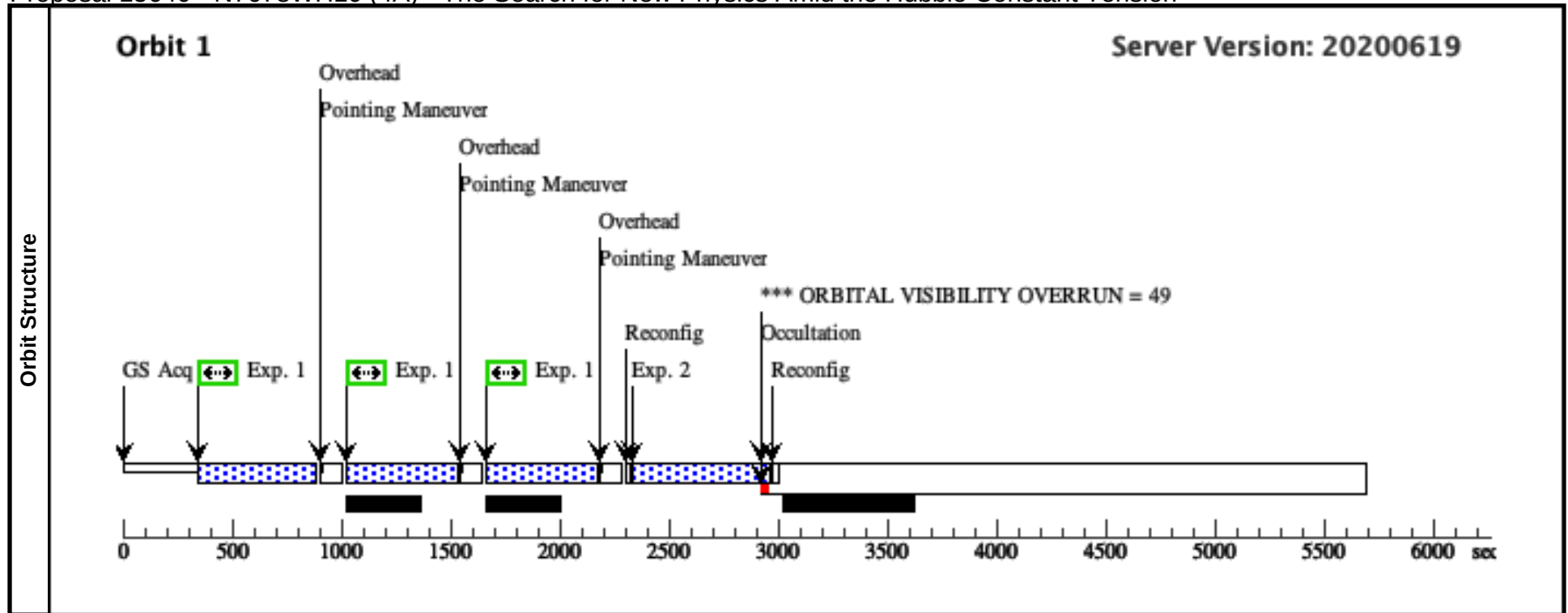
Proposal 15640 - N7678WH09V04 (49) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7678WH09V04 (49), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 217.27D TO 224 D; BETWEEN 23-AUG-2019:10:54:00 AND 24-AUG-2019:10:54:00												
Diagnostics	(N7678WH09V04 (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N7678WH09V04 (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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), (2)	
	(6)	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			
	(5)	N7678		RA: 23 28 27.8603 (352.1160846d) Dec: +22 25 16.57 (22.42127d) Equinox: J2000				V=25		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) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 in N7678WH09V04 (49) (4)	500 Secs (1632 Secs) [==>544.0 Secs (Pattern 1)] [==>544.0 Secs (Pattern 2)] [==>544.0 Secs (Pattern 3)]	[1]		
	2		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 4, Exps 2-2 in N7678WH09V04 (49) (4)	500 Secs (1578 Secs) [==>544.0 Secs (Pattern 1)] [==>517.0 Secs (Pattern 2)] [==>517.0 Secs (Pattern 3)]	[1] [2]		
	3		(5) N7678	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 3-3 in N7678WH09V04 (49) (6)	602.937703 Secs (1205.875 Secs) [==>(Pattern 1)] [==>(Pattern 2)]	[2]		



Proposal 15640 - N7678WH10 (4A) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7678WH10 (4A), completed										Mon Aug 24 01:01:48 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SCHED 100%; SAME ORIENT AS 47; AFTER 41 BY 97.50 D TO 98.50 D													
Diagnostics	(N7678WH10 (4A)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Patterns	#	Primary Pattern					Secondary Pattern					Exposures		
	(4)	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)	N7678		RA: 23 28 27.8603 (352.1160846d) Dec: +22 25 16.57 (22.42127d) Equinox: J2000				V=25		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) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 i n N7678WH10 (4A) (4)	500 Secs (1539 Secs) [==>513.0 Secs (Pattern 1)] [==>513.0 Secs (Pattern 2)] [==>513.0 Secs (Pattern 3)]		[1]		
	2		(5) N7678	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			602.937703 Secs (602.938 Secs) [==>]		[1]		

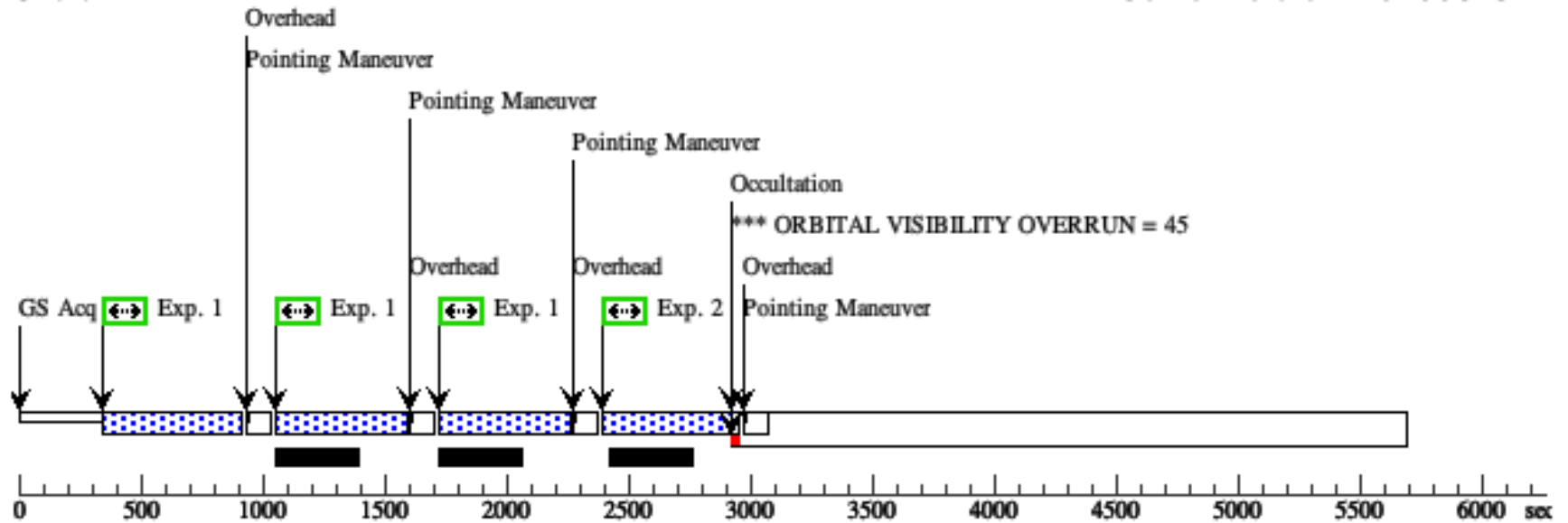


Proposal 15640 - N7678WH11I05 (4B) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N7678WH11I05 (4B), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 47; AFTER 41 BY 104.5 D TO 105.5 D												
Diagnostics	(N7678WH11I05 (4B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
	(N7678WH11I05 (4B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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), (2)	
	(6)	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		
	(5)	N7678	RA: 23 28 27.8603 (352.1160846d) Dec: +22 25 16.57 (22.42127d) Equinox: J2000						V=25		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) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 in N7678WH11I05 (4B) (4)		500 Secs (1632 Secs)		
											[==>544.0 Secs (Pattern 1)]		
											[==>544.0 Secs (Pattern 2)]		[1]
											[==>544.0 Secs (Pattern 3)]		
	2		(5) N7678	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W			Pattern 4, Exps 2-2 in N7678WH11I05 (4B) (4)		500 Secs (1578 Secs)		
											[==>544.0 Secs (Pattern 1)]		[1]
										[==>517.0 Secs (Pattern 2)]			
										[==>517.0 Secs (Pattern 3)]		[2]	
3		(5) N7678	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50			Pattern 6, Exps 3-3 in N7678WH11I05 (4B) (6)		602.937703 Secs (1205.875 Secs)		
											[==>(Pattern 1)]		
											[==>(Pattern 2)]		[2]

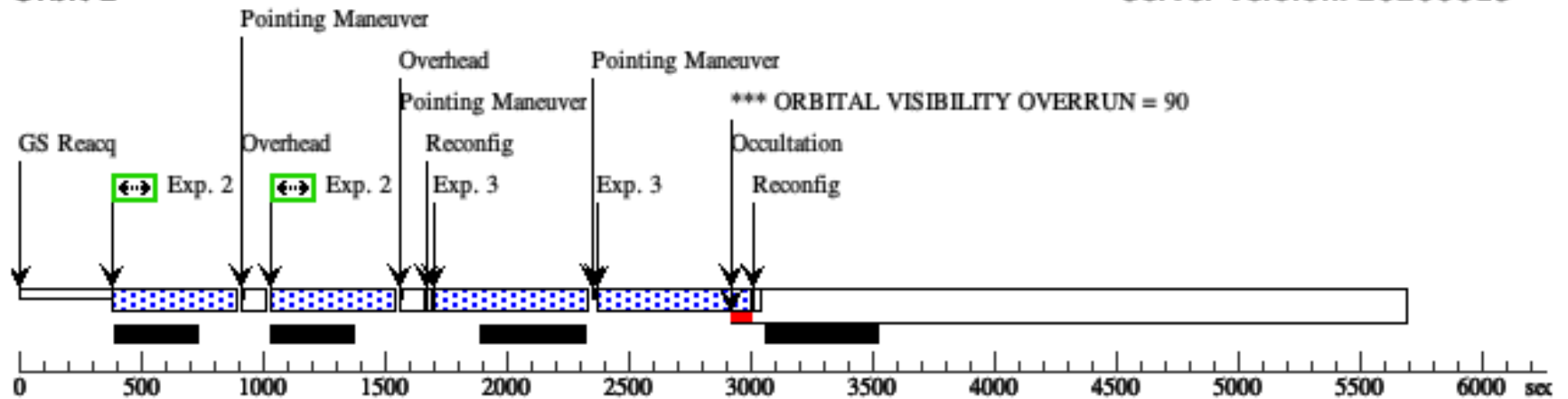
Orbit 1

Server Version: 20200619



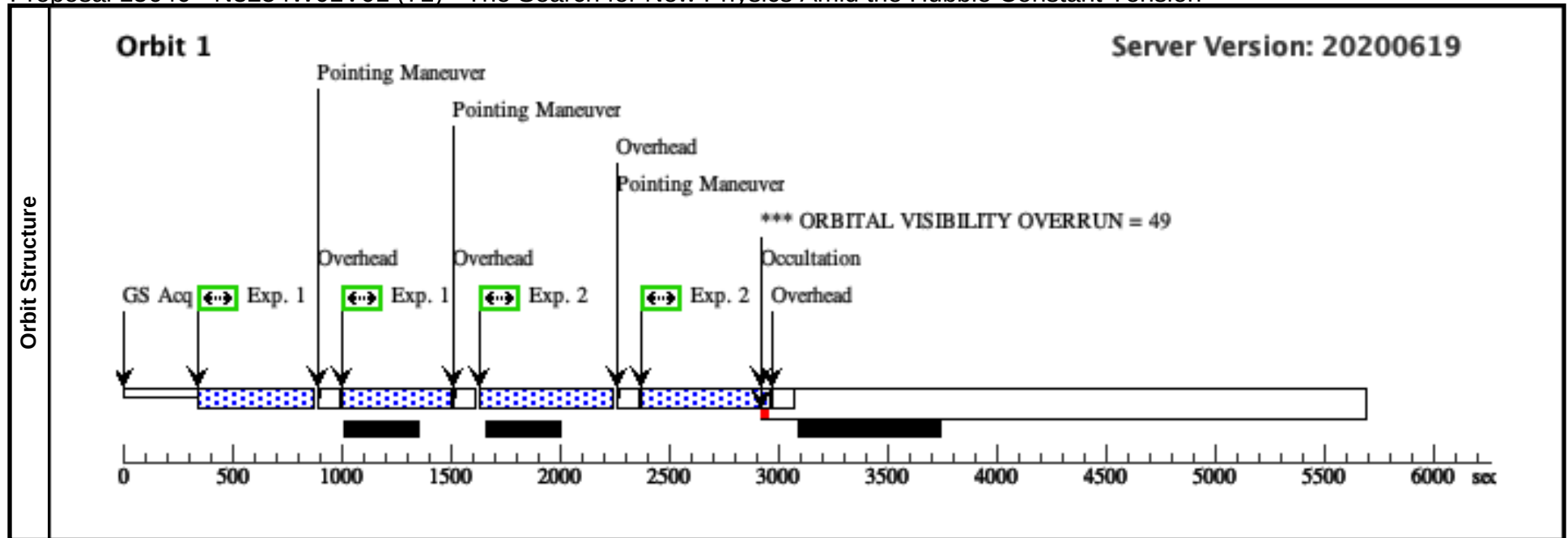
Orbit 2

Server Version: 20200619



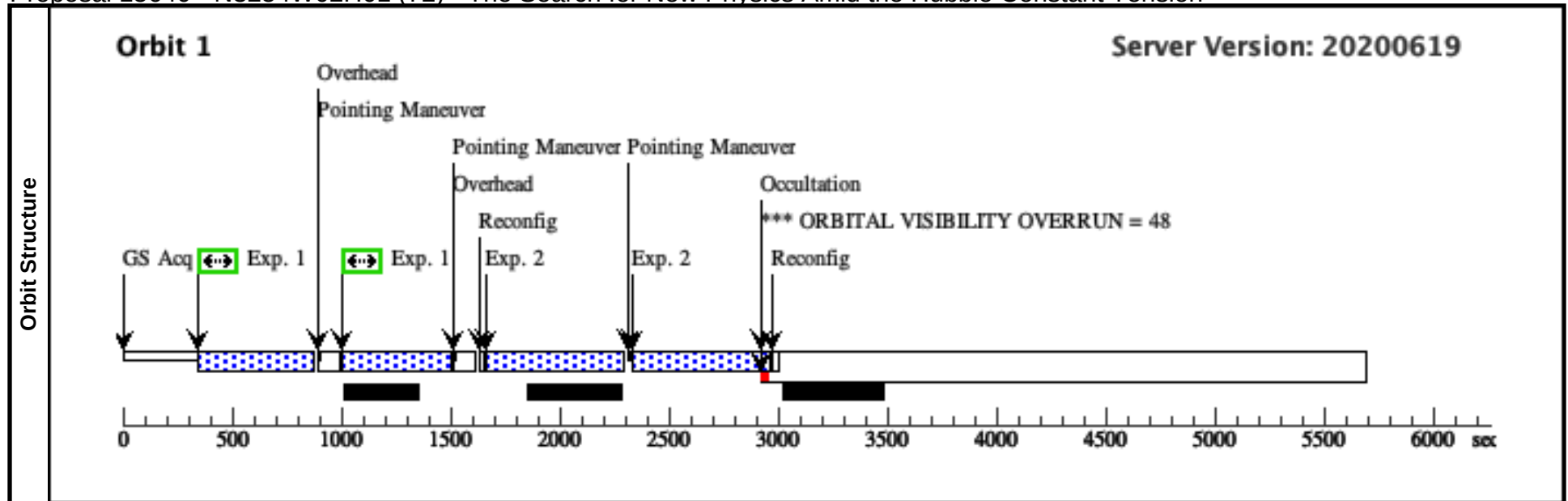
Proposal 15640 - N3254W01V01 (71) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N3254W01V01 (71), completed										Mon Aug 24 01:01:48 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/UVIS													
	Special Requirements: SCHED 100%; ORIENT 120D TO 135 D													
Diagnostics	(N3254W01V01 (71)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
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											(1), (2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(7)	N3254		RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000		Epoch of Position: 2015.5		V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 1, Exps 1-1 in N3254W01V01 (71) (1)	500 Secs (1000 Secs)				
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]		
	2		(7) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F555W			Pattern 1, Exps 2-2 in N3254W01V01 (71) (1)	588 Secs (1176 Secs)				
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]		



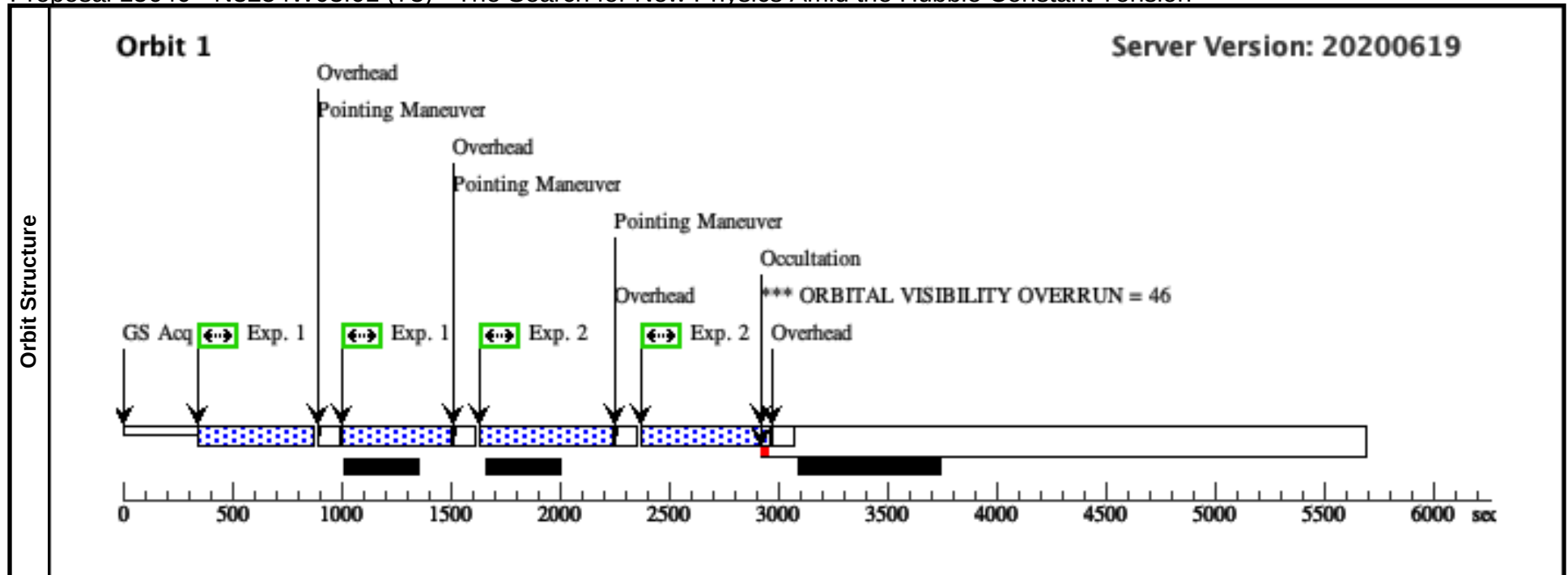
Proposal 15640 - N3254W02H01 (72) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N3254W02H01 (72), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 71; AFTER 71 BY 7.16 D TO 8.16 D												
Diagnostics	(N3254W02H01 (72)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
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=										(1)	
	(6)	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		
	(7)	N3254	RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000			Epoch of Position: 2015.5			V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 1, Exps 1-1 in N3254W02H01 (72) (1)	500 Secs (1000 Secs)			
										[==>(Pattern 1)]			
										[==>(Pattern 2)]	[1]		
	2		(7) N3254	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 2-2 in N3254W02H01 (72) (6)	602.937703 Secs (1205.875 Secs)			
										[==>(Pattern 1)]			
										[==>(Pattern 2)]	[1]		



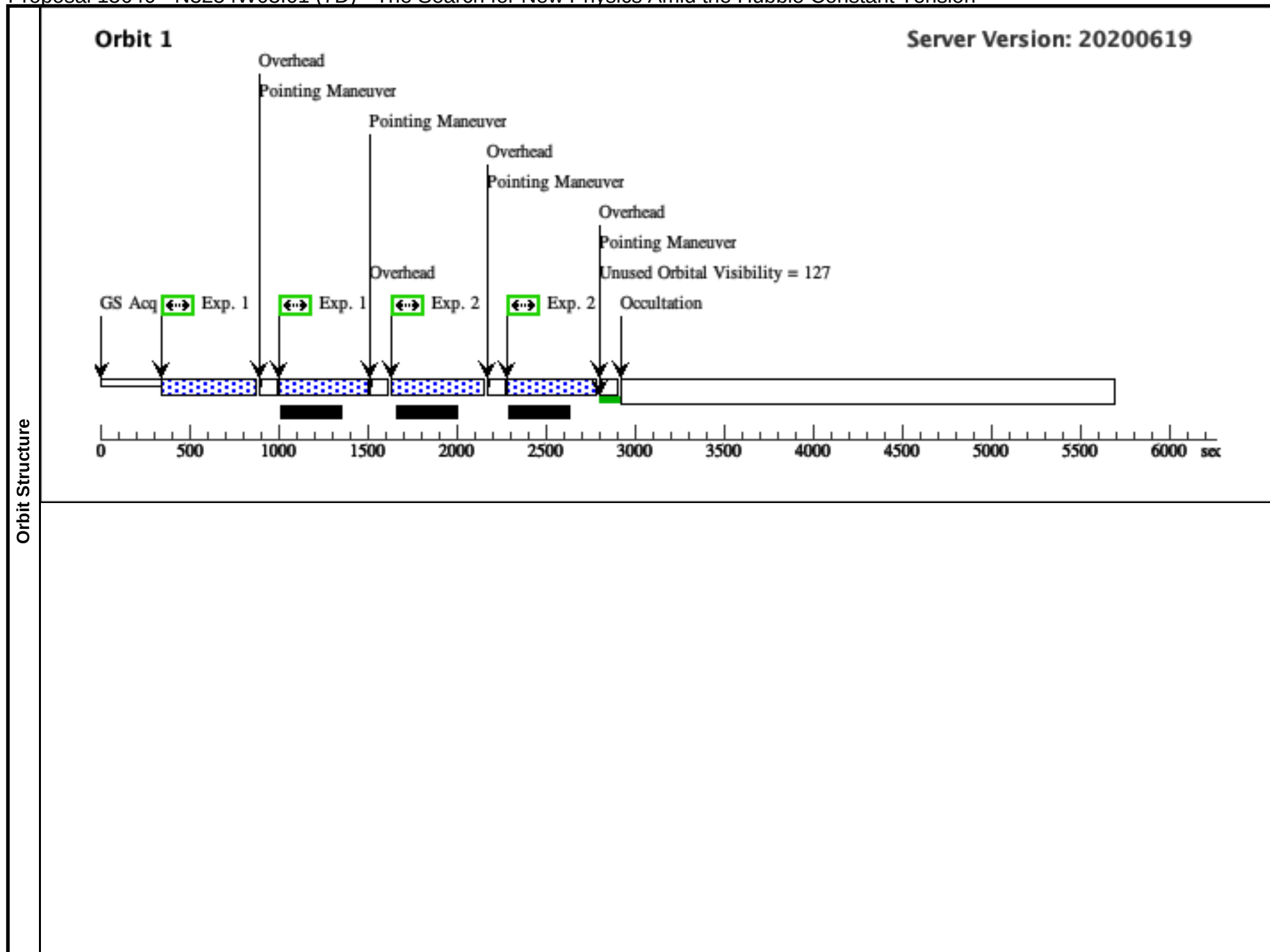
Proposal 15640 - N3254W03I01 (73) - The Search for New Physics Amid the Hubble Constant Tension

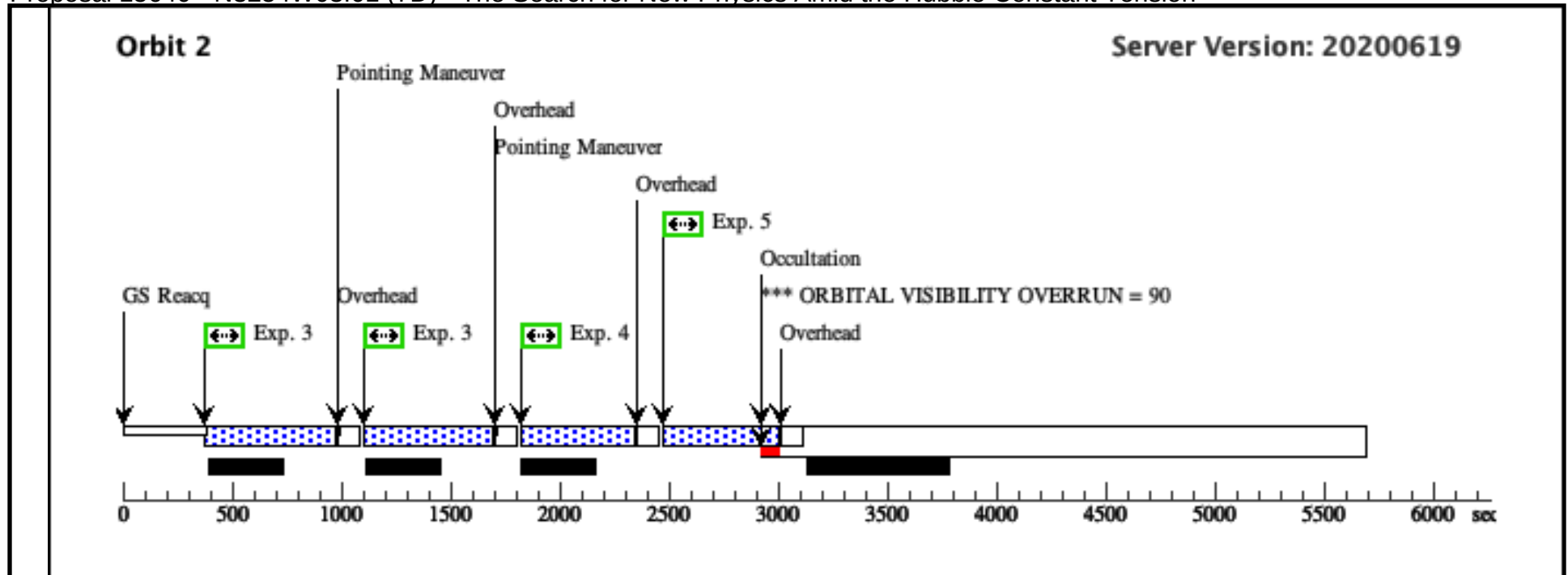
Visit	Proposal 15640, N3254W03I01 (73), failed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 71; AFTER 71 BY 13.95 D TO 14.95 D												
Diagnostics	(N3254W03I01 (73)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
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										(1), (2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(7)	N3254		RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000		Epoch of Position: 2015.5		V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 1, Exps 1-1 i n N3254W03I01 (73) (1)	500 Secs (1000 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	
	2		(7) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W			Pattern 1, Exps 2-2 i n N3254W03I01 (73) (1)	588 Secs (1176 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]		[1]	



Proposal 15640 - N3254W03I01 (7D) - The Search for New Physics Amid the Hubble Constant Tension

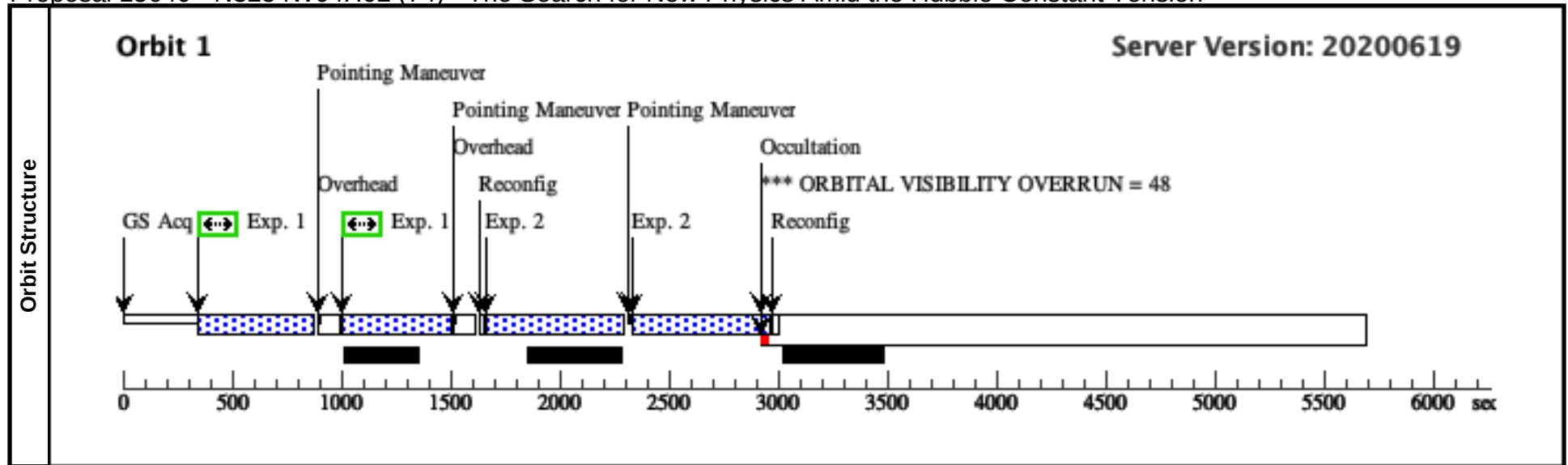
Visit	Proposal 15640, N3254W03I01 (7D), completed						Mon Aug 24 01:01:48 GMT 2020				
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; ORIENT 243D TO 305 D; BEFORE 15-DEC-2019:00:00:00										
Comments: Make up for visit 73 (failed) and 7C which did not include F814W											
Diagnostics	(N3254W03I01 (7D)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
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=						(1), (2), (3)			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	N3254	RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000		Epoch of Position: 2015.5		V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 1, Exps 1-1 in N3254W03I01 (7D) (1)	500 Secs (1000 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	2		(7) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 in N3254W03I01 (7D) (1)	500 Secs (1000 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
3		(7) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 3-3 in N3254W03I01 (7D) (1)	588 Secs (1176 Secs)			
								[==>(Pattern 1)]		[2]	
								[==>(Pattern 2)]			
4		(7) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W					525 Secs (525 Secs)		
									[==>]		[2]
5		(7) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W					525 Secs (525 Secs)		
									[==>]		[2]





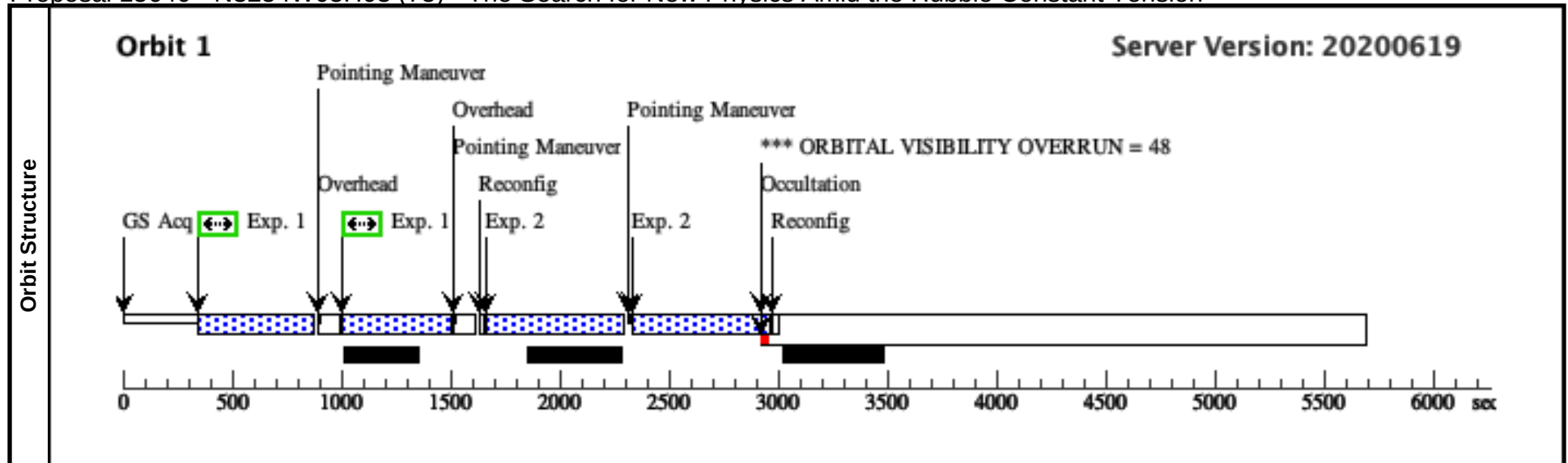
Proposal 15640 - N3254W04H02 (74) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N3254W04H02 (74), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 71; AFTER 71 BY 22.41 D TO 23.41 D												
Diagnostics	(N3254W04H02 (74)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
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							(1)	
	(6)	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)	N3254		RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000			Epoch of Position: 2015.5			V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 1, Exps 1-1 in N3254W04H02 (74) (1)	500 Secs (1000 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		
	2		(7) N3254	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 2-2 in N3254W04H02 (74) (6)	602.937703 Secs (1205.875 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



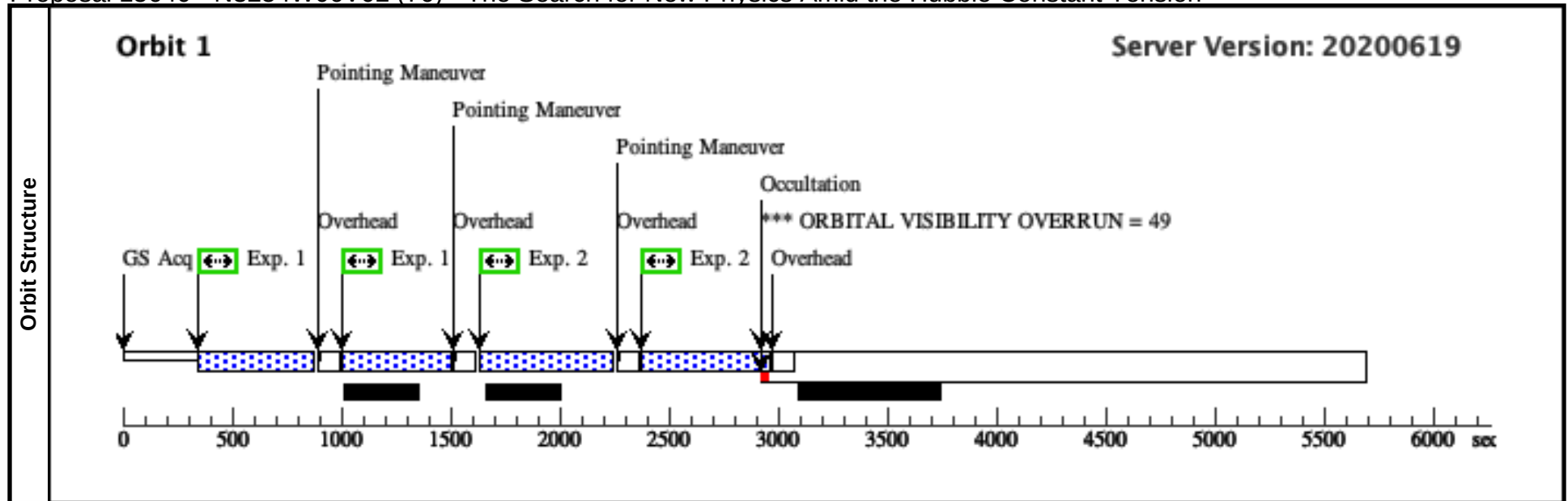
Proposal 15640 - N3254W05H03 (75) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N3254W05H03 (75), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 71; AFTER 71 BY 29.06 D TO 30.06 D												
Diagnostics	(N3254W05H03 (75)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
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							(1)	
	(6)	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)	N3254		RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000		Epoch of Position: 2015.5		V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 1, Exps 1-1 in N3254W05H03 (75) (1)	500 Secs (1000 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		
	2		(7) N3254	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 2-2 in N3254W05H03 (75) (6)	602.937703 Secs (1205.875 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



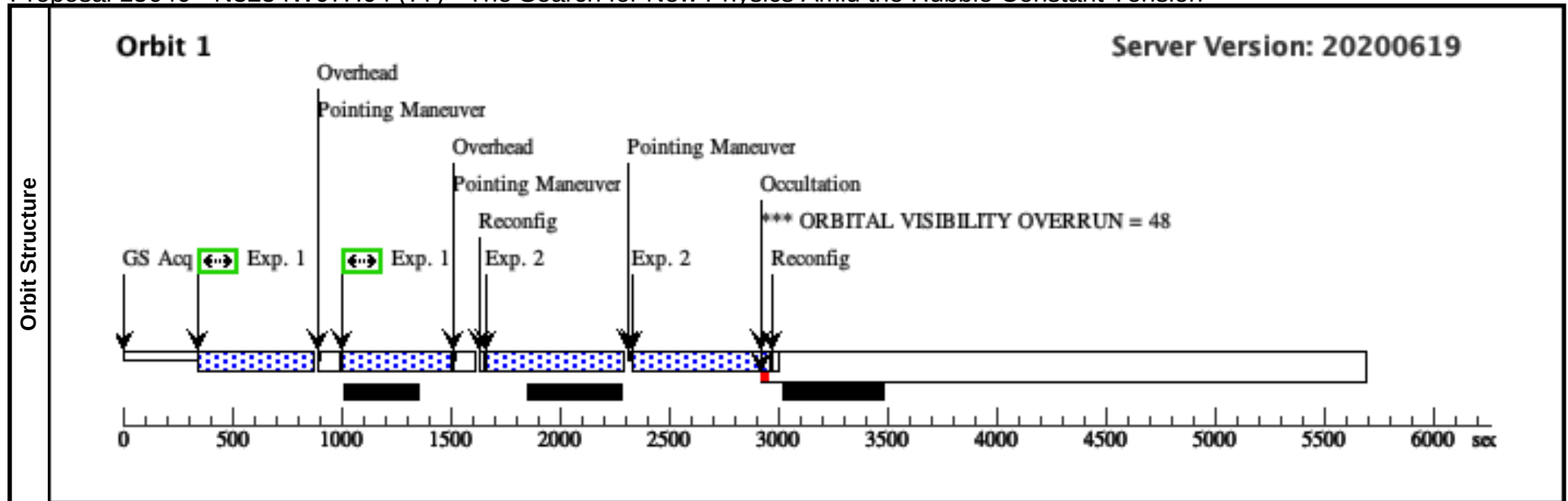
Proposal 15640 - N3254W06V02 (76) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N3254W06V02 (76), completed					Mon Aug 24 01:01:48 GMT 2020				
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/UVIS									
	Special Requirements: SCHED 100%; SAME ORIENT AS 71; AFTER 71 BY 34.56 D TO 35.56 D									
Diagnostics	(N3254W06V02 (76)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
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					(1), (2)			
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	N3254	RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000	Epoch of Position: 2015.5	V=25	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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 1, Exps 1-1 i n N3254W06V02 (7 6) (1)	500 Secs (1000 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2		(7) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 i n N3254W06V02 (7 6) (1)	588 Secs (1176 Secs)	
								[==>(Pattern 1)] [==>(Pattern 2)]		[1]



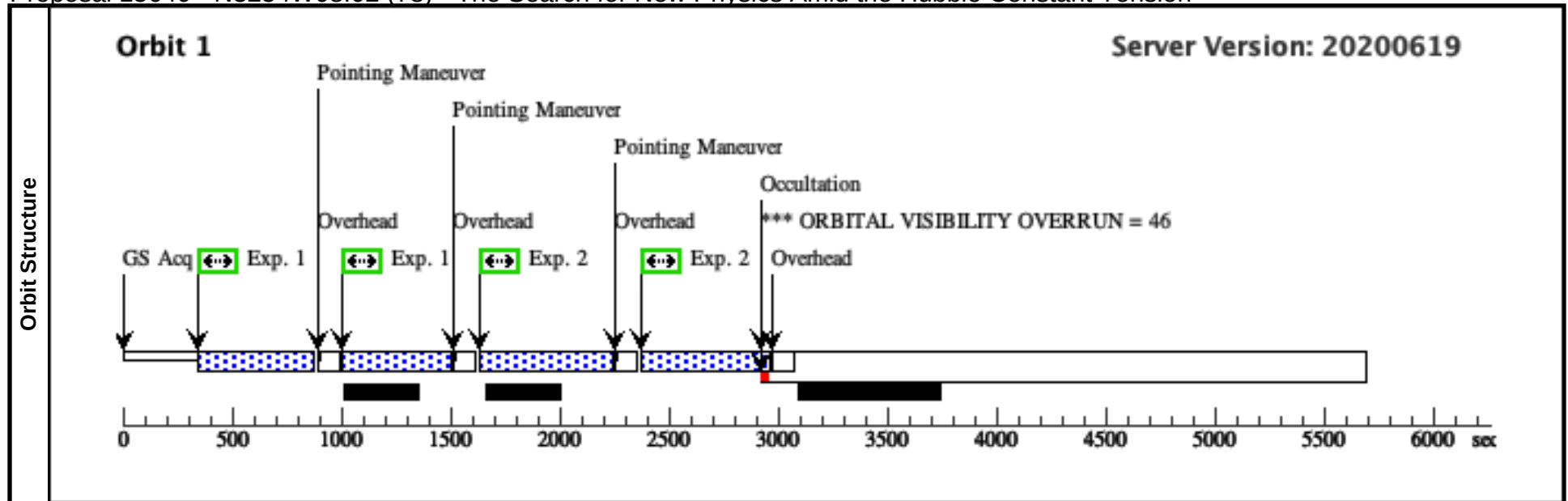
Proposal 15640 - N3254W07H04 (77) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N3254W07H04 (77), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT -15D TO 5D FROM 71; AFTER 71 BY 41.09 D TO 42.09 D												
Diagnostics	(N3254W07H04 (77)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
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							(1)	
	(6)	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)	N3254	RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000			Epoch of Position: 2015.5			V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 1, Exps 1-1 in N3254W07H04 (77) (1)	500 Secs (1000 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		
	2		(7) N3254	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 2-2 in N3254W07H04 (77) (6)	602.937703 Secs (1205.875 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



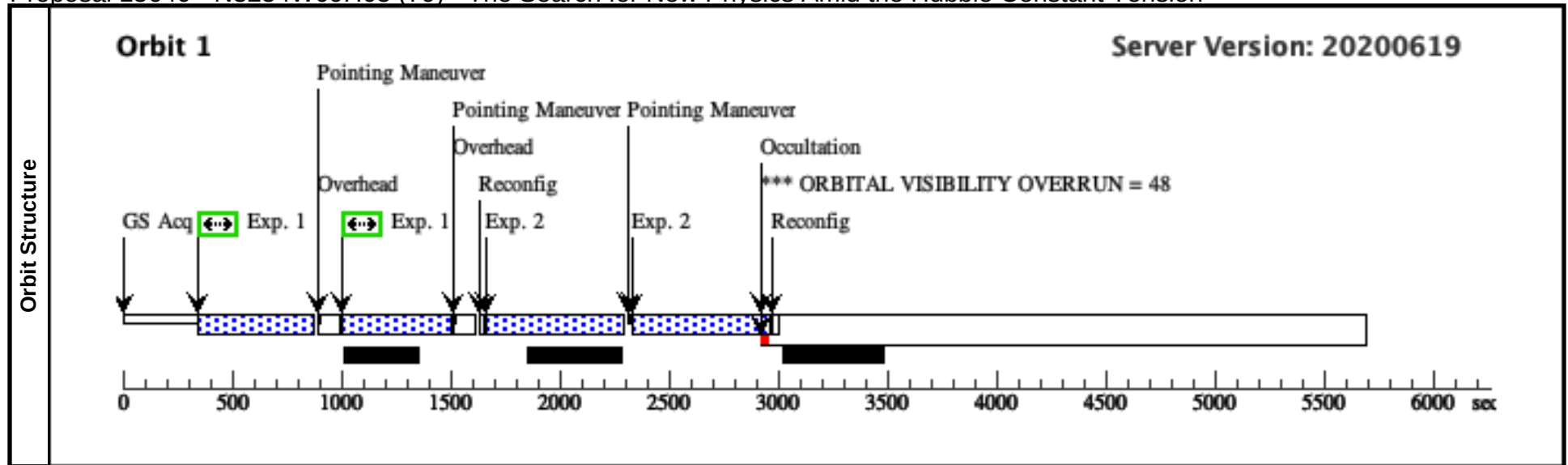
Proposal 15640 - N3254W08I02 (78) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N3254W08I02 (78), completed										Mon Aug 24 01:01:48 GMT 2020
	Diagnostic Status: Warning										
	Scientific Instruments: WFC3/UVIS										
	Special Requirements: SCHED 100%; SAME ORIENT AS 77; AFTER 71 BY 48.77 D TO 49.77 D										
Diagnostics	(N3254W08I02 (78)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN										
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								(1), (2)	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	N3254	RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000		Epoch of Position: 2015.5		V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP			Pattern 1, Exps 1-1 i n N3254W08I02 (78) (1)	500 Secs (1000 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		
	2		(7) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n N3254W08I02 (78) (1)	588 Secs (1176 Secs)		
									[==>(Pattern 1)]		[1]
									[==>(Pattern 2)]		



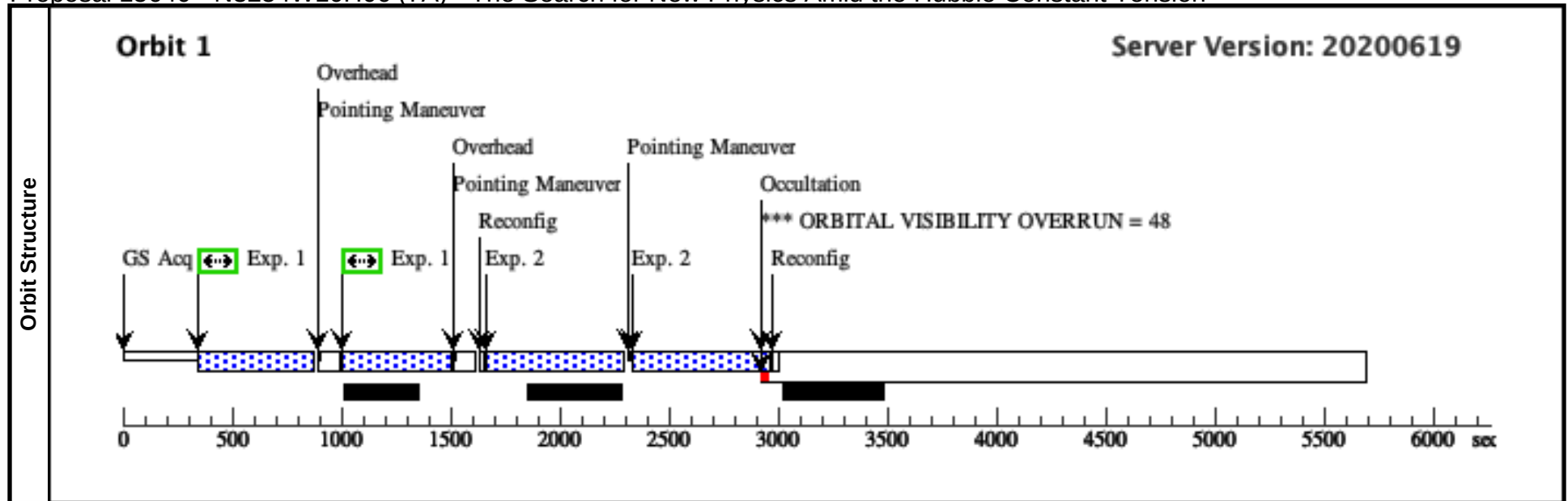
Proposal 15640 - N3254W09H05 (79) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N3254W09H05 (79), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 77; AFTER 71 BY 57.62 D TO 58.62 D												
Diagnostics	(N3254W09H05 (79)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
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							(1)	
	(6)	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)	N3254	RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000			Epoch of Position: 2015.5			V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 1, Exps 1-1 in N3254W09H05 (79) (1)	500 Secs (1000 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		
	2		(7) N3254	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 2-2 in N3254W09H05 (79) (6)	602.937703 Secs (1205.875 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



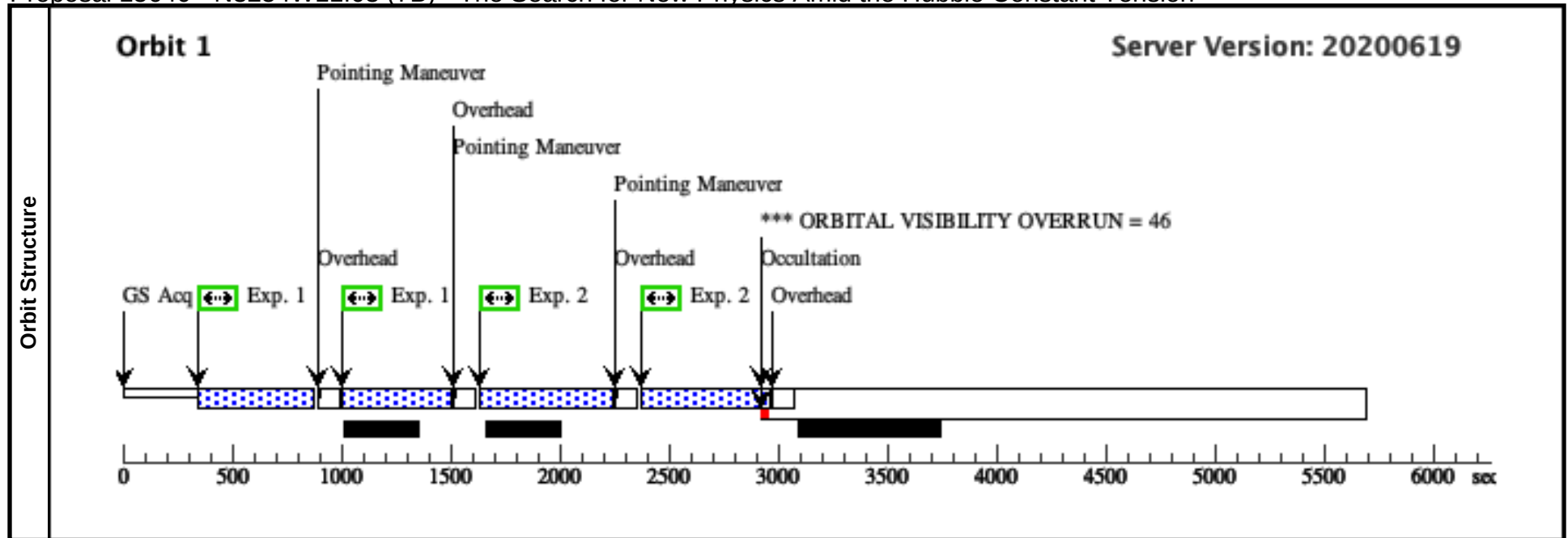
Proposal 15640 - N3254W10H06 (7A) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N3254W10H06 (7A), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 77; AFTER 71 BY 64.64 D TO 65.64 D												
Diagnostics	(N3254W10H06 (7A)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
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										(1)	
	(6)	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)	N3254	RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000			Epoch of Position: 2015.5			V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 1, Exps 1-1 in N3254W10H06 (7A) (1)	500 Secs (1000 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		
	2		(7) N3254	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 2-2 in N3254W10H06 (7A) (6)	602.937703 Secs (1205.875 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		



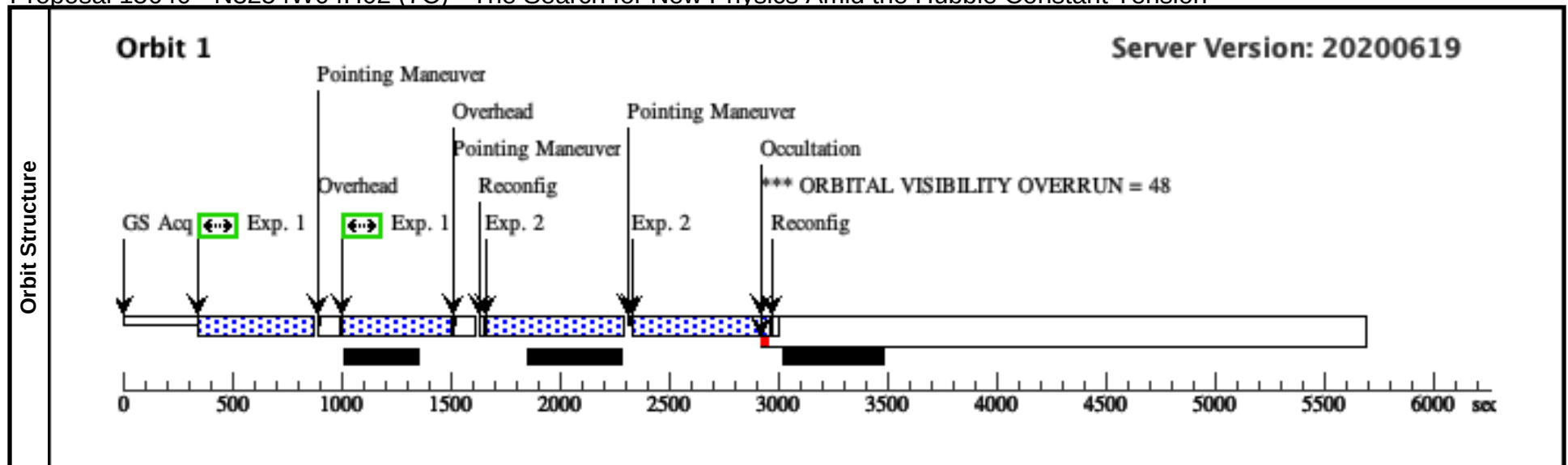
Proposal 15640 - N3254W11I03 (7B) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N3254W11I03 (7B), completed										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 77; AFTER 71 BY 74.5 D TO 75.5 D												
Diagnostics	(N3254W11I03 (7B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
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					(1), (2)	
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(7)	N3254		RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000		Epoch of Position: 2015.5		V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 1, Exps 1-1 i n N3254W11I03 (7B)) (1)		500 Secs (1000 Secs)		
											[==>(Pattern 1)] [==>(Pattern 2)]		[1]
	2		(7) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F814W			Pattern 1, Exps 2-2 i n N3254W11I03 (7B)) (1)		588 Secs (1176 Secs)		
											[==>(Pattern 1)] [==>(Pattern 2)]		[1]



Proposal 15640 - N3254W04H02 (7C) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N3254W04H02 (7C), completed										Mon Aug 24 01:01:48 GMT 2020	
	Diagnostic Status: Warning											
	Scientific Instruments: WFC3/IR, WFC3/UVIS											
	Special Requirements: SCHED 100%; ORIENT -5D TO 5D FROM 7B; AFTER 7B BY 6.29 D TO 7.29 D											
Diagnostics	(N3254W04H02 (7C)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
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						(1)		
	(6)	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)	N3254	RA: 10 29 23.7629 (157.3490121d) Dec: +29 30 5.00 (29.50139d) Equinox: J2000		Epoch of Position: 2015.5		V=25		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) N3254	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 1, Exps 1-1 in N3254W04H02 (7C) (1)	500 Secs (1000 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]	
	2		(7) N3254	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=13; SAMP-SEQ=SPAR S50		Pattern 6, Exps 2-2 in N3254W04H02 (7C) (6)	602.937703 Secs (1205.875 Secs)		
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]	



Proposal 15640 - U3845WH01V01 (51) - The Search for New Physics Amid the Hubble Constant Tension

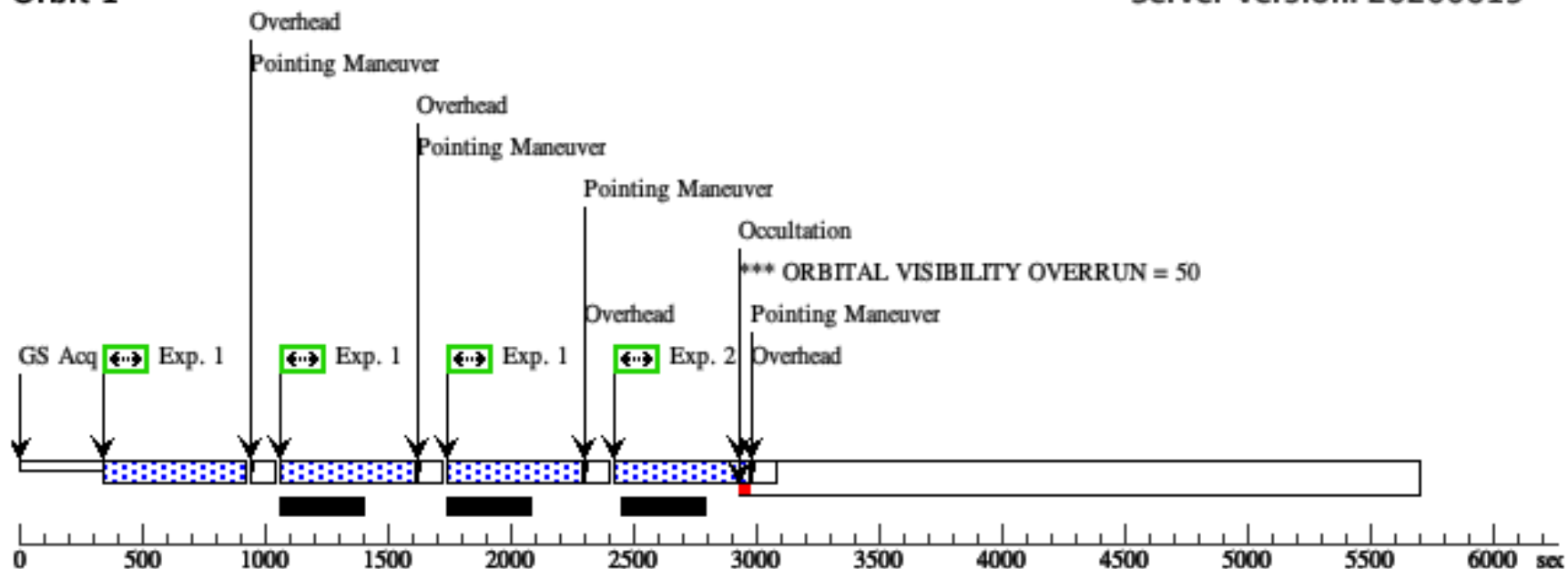
Visit	Proposal 15640, U3845WH01V01 (51), withdrawn Mon Aug 24 01:01:48 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; ORIENT 280D TO 290 D; ON HOLD <i>On Hold Comments: Other targets are more promising at the moment</i>				
Diagnostics	(U3845WH01V01 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(U3845WH01V01 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(6)	U3845	RA: 07 26 42.7090 (111.6779542d) Dec: +47 05 38.28 (47.09397d) Equinox: J2000	Epoch of Position: 2015.5	V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - U3845WH01V01 (51) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n U3845WH01V01 (51) (4)	550 Secs (1659 Secs) [==>553.0 Secs (Pattern 1)] [==>553.0 Secs (Pattern 2)] [==>553.0 Secs (Pattern 3)]	[1]
	2		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 i n U3845WH01V01 (51) (1)	520 Secs (1174 Secs) [==>523.0 Secs (Pattern 1)] [==>651.0 Secs (Pattern 2)]	
	3		(6) U3845	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n U3845WH01V01 (51) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	

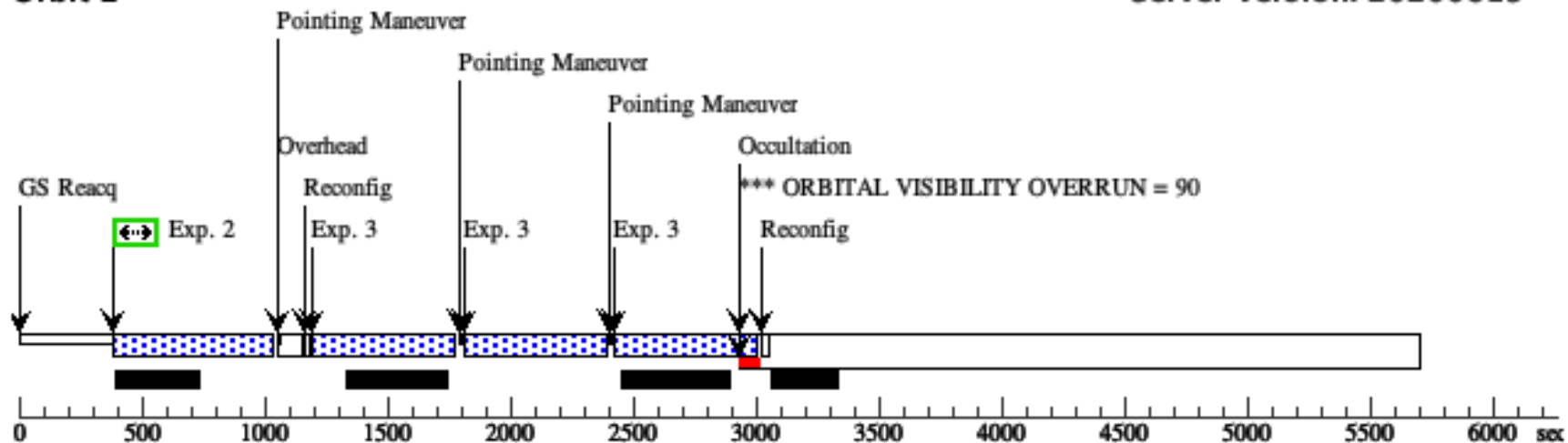
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - U3845WH02I01 (52) - The Search for New Physics Amid the Hubble Constant Tension

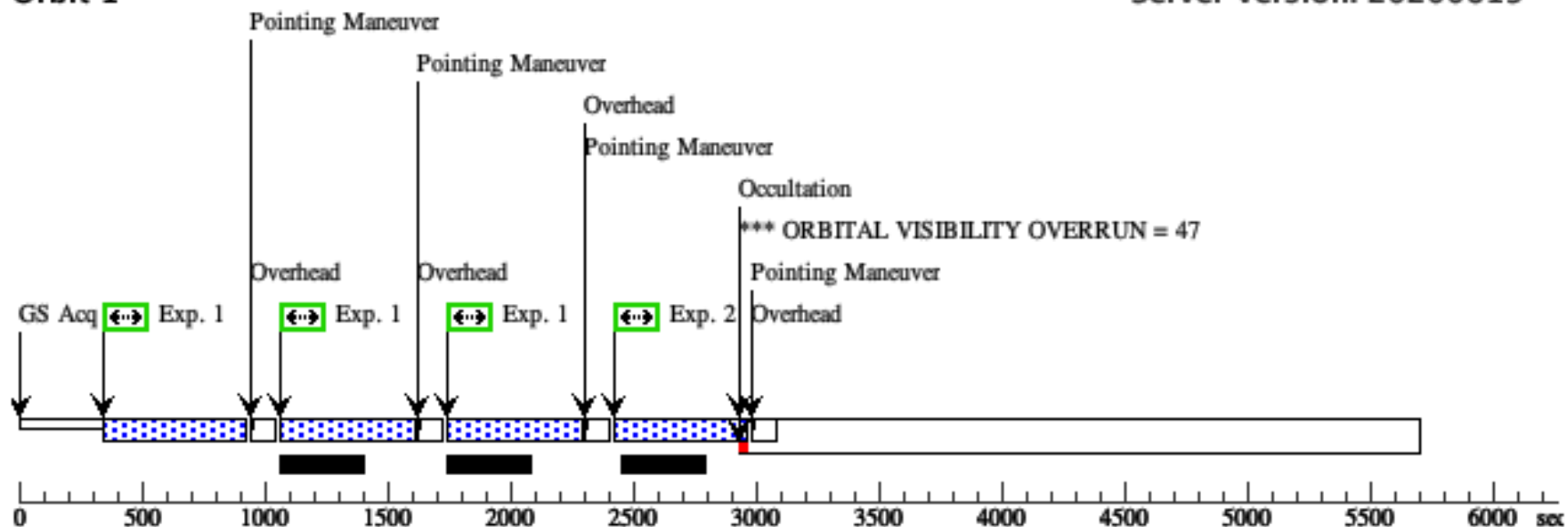
Visit	Proposal 15640, U3845WH02I01 (52), withdrawn Mon Aug 24 01:01:48 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 13.76 D TO 14.76 D; ON HOLD <i>On Hold Comments: Other targets are more promising at the moment</i>				
Diagnostics	(U3845WH02I01 (52)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(U3845WH02I01 (52)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(6)	U3845	RA: 07 26 42.7090 (111.6779542d) Dec: +47 05 38.28 (47.09397d) Equinox: J2000	Epoch of Position: 2015.5	V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - U3845WH02I01 (52) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n U3845WH02I01 (5 2) (4)	550 Secs (1659 Secs) [==>553.0 Secs (Pattern 1)] [==>553.0 Secs (Pattern 2)] [==>553.0 Secs (Pattern 3)]	[1]
	2		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n U3845WH02I01 (5 2) (1)	520 Secs (1174 Secs) [==>523.0 Secs (Pattern 1)] [==>651.0 Secs (Pattern 2)]	
	3		(6) U3845	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n U3845WH02I01 (5 2) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	

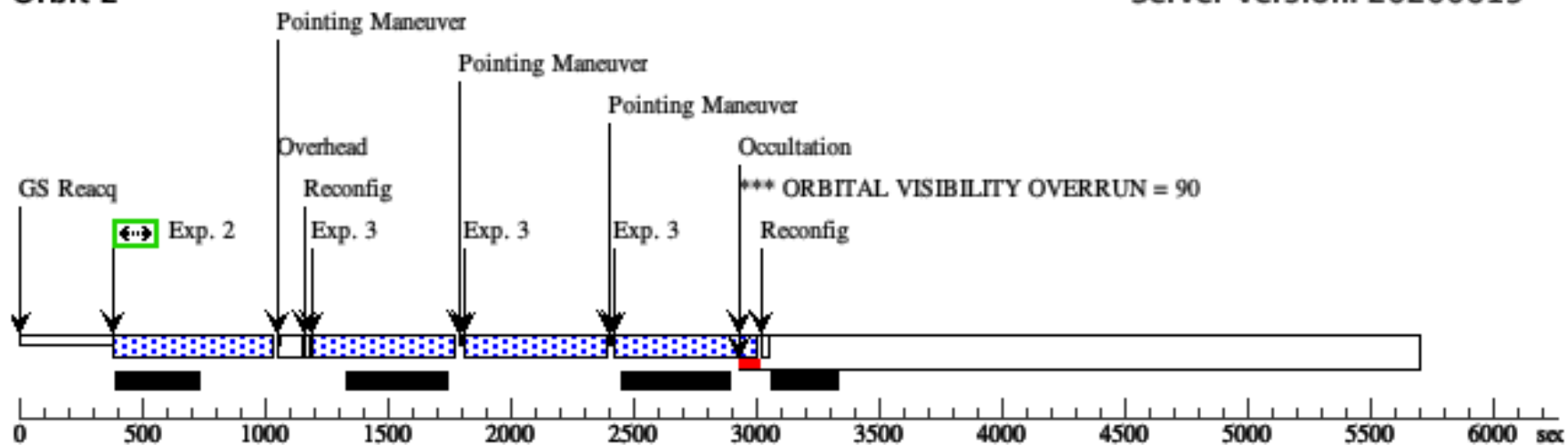
Orbit 1

Server Version: 20200619



Orbit 2

Server Version: 20200619



Proposal 15640 - U3845WH03V02 (53) - The Search for New Physics Amid the Hubble Constant Tension

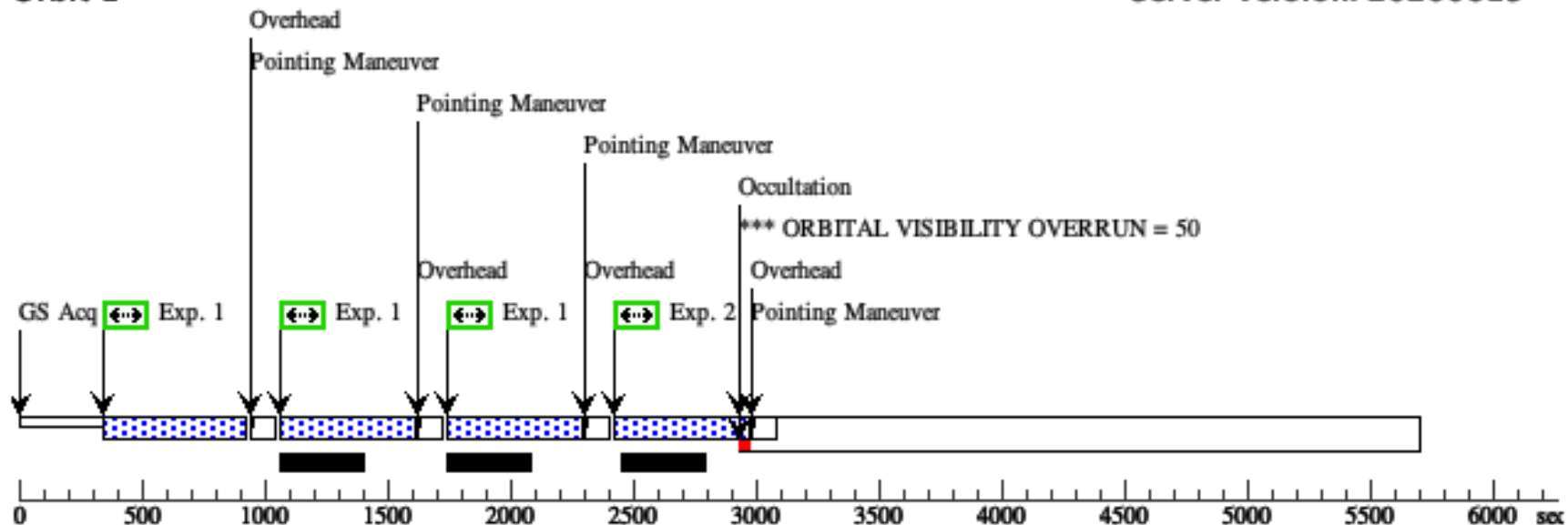
Visit	Proposal 15640, U3845WH03V02 (53), withdrawn Mon Aug 24 01:01:48 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 27.28 D TO 28.28 D; ON HOLD <i>On Hold Comments: Other targets are more promising at the moment</i>				
Diagnostics	(U3845WH03V02 (53)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(U3845WH03V02 (53)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(6)	U3845	RA: 07 26 42.7090 (111.6779542d) Dec: +47 05 38.28 (47.09397d) Equinox: J2000	Epoch of Position: 2015.5	V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - U3845WH03V02 (53) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n U3845WH03V02 (53) (4)	550 Secs (1659 Secs) [==>553.0 Secs (Pattern 1)] [==>553.0 Secs (Pattern 2)] [==>553.0 Secs (Pattern 3)]	[1]
	2		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 i n U3845WH03V02 (53) (1)	520 Secs (1174 Secs) [==>523.0 Secs (Pattern 1)] [==>651.0 Secs (Pattern 2)]	
	3		(6) U3845	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n U3845WH03V02 (53) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	

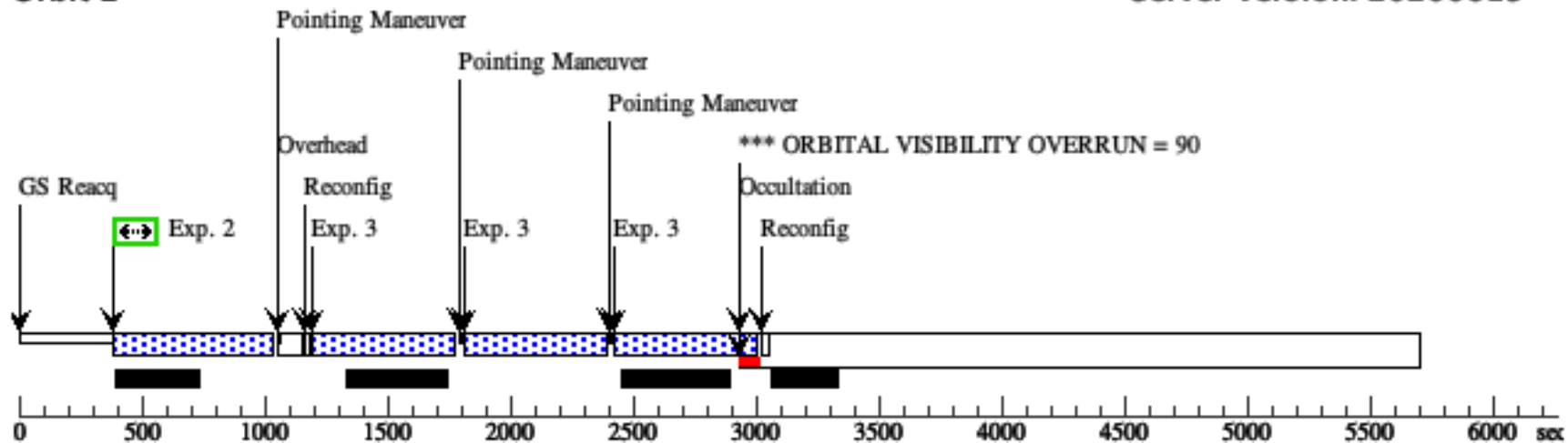
Orbit 1

Server Version: 20200619



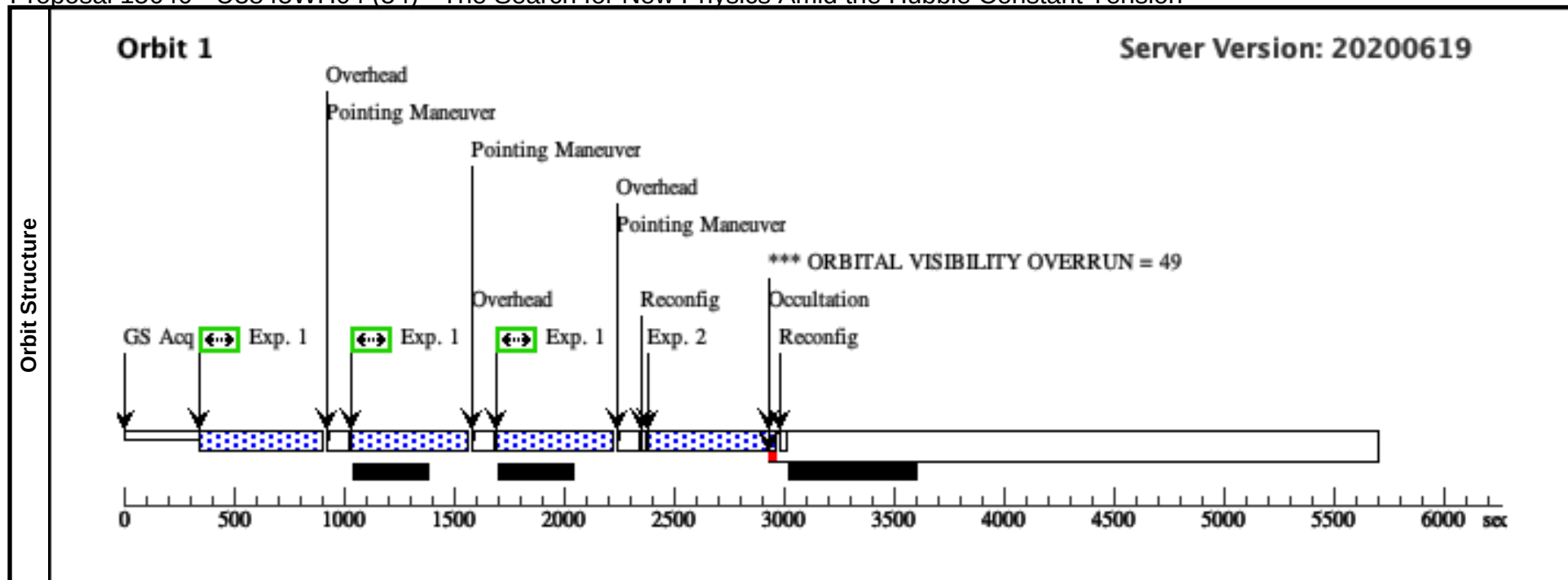
Orbit 2

Server Version: 20200619



Proposal 15640 - U3845WH04 (54) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, U3845WH04 (54), withdrawn										Mon Aug 24 01:01:48 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 39.86 D TO 40.86 D; ON HOLD												
On Hold Comments: Other targets are more promising at the moment													
Diagnostics	(U3845WH04 (54)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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			
	(6)	U3845		RA: 07 26 42.7090 (111.6779542d) Dec: +47 05 38.28 (47.09397d) Equinox: J2000		Epoch of Position: 2015.5		V=25		Reference Frame: SIMBAD			
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.												
	Category=GALAXY												
Exposures	Description=[SPIRAL]												
	#	Label	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n U3845WH04 (54) (4)	527 Secs (1593 Secs) [==>531.0 Secs (Pattern 1)] [==>531.0 Secs (Pattern 2)] [==>531.0 Secs (Pattern 3)]		[1]	
	2		(6) U3845	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=12; SAMP-SEQ=SPAR S50			552.937252 Secs (552.937 Secs) [==>]		[1]	



Proposal 15640 - U3845WH05I02 (55) - The Search for New Physics Amid the Hubble Constant Tension

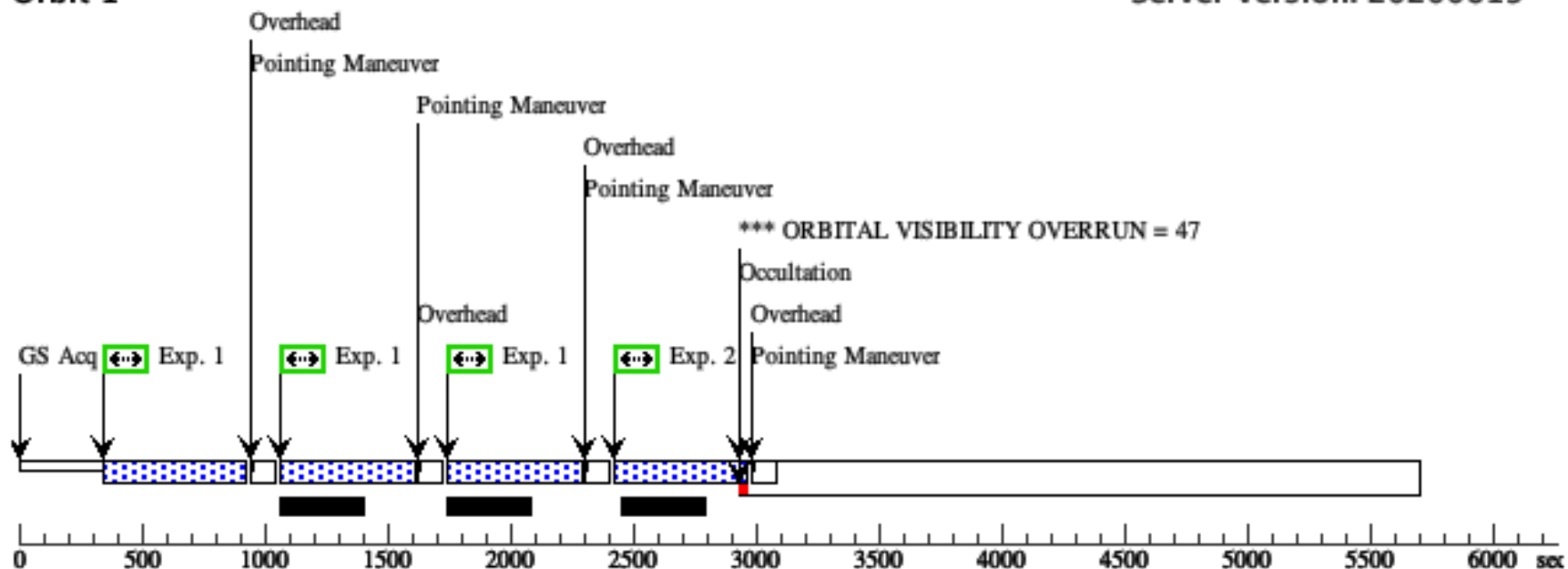
Visit	Proposal 15640, U3845WH05I02 (55), withdrawn Mon Aug 24 01:01:48 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 51; AFTER 51 BY 51.92 D TO 52.92 D; ON HOLD <i>On Hold Comments: Other targets are more promising at the moment</i>				
Diagnostics	(U3845WH05I02 (55)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(U3845WH05I02 (55)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(6)	U3845	RA: 07 26 42.7090 (111.6779542d) Dec: +47 05 38.28 (47.09397d) Equinox: J2000	Epoch of Position: 2015.5	V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - U3845WH05I02 (55) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n U3845WH05I02 (5 5) (4)	550 Secs (1659 Secs) [==>553.0 Secs (Pattern 1)] [==>553.0 Secs (Pattern 2)] [==>553.0 Secs (Pattern 3)]	[1]
	2		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n U3845WH05I02 (5 5) (1)	520 Secs (1174 Secs) [==>523.0 Secs (Pattern 1)] [==>651.0 Secs (Pattern 2)]	
	3		(6) U3845	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n U3845WH05I02 (5 5) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	

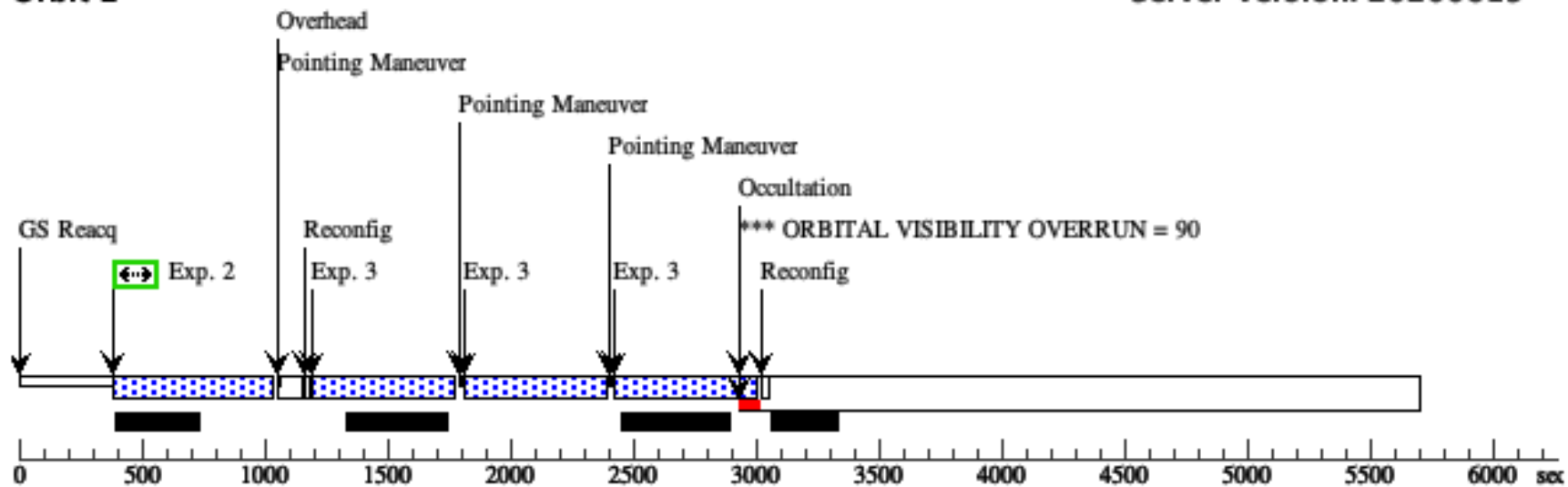
Orbit 1

Server Version: 20200619



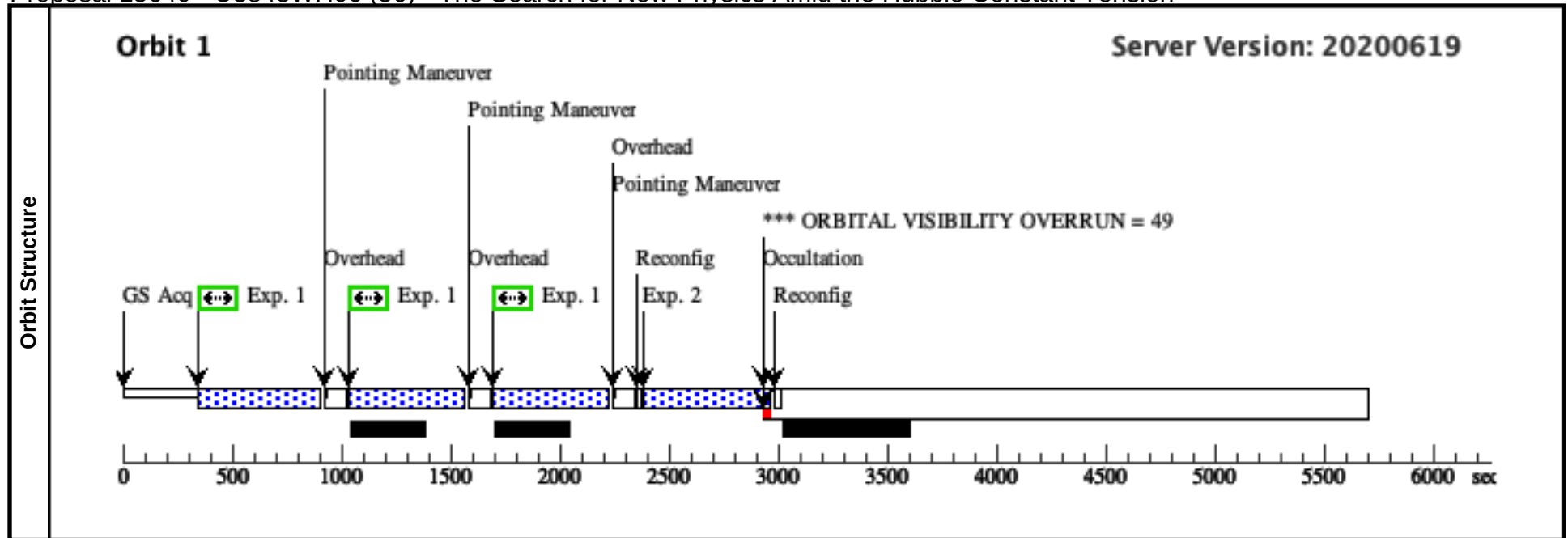
Orbit 2

Server Version: 20200619



Proposal 15640 - U3845WH06 (56) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, U3845WH06 (56), withdrawn							Mon Aug 24 01:01:49 GMT 2020		
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; ORIENT -15D TO 0D FROM 51; AFTER 51 BY 62.91 D TO 63.91 D; ON HOLD									
On Hold Comments: Other targets are more promising at the moment										
Diagnostics	(U3845WH06 (56)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Patterns	#	Primary Pattern				Secondary Pattern		Exposures		
	(4)	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		
	(6)	U3845	RA: 07 26 42.7090 (111.6779542d) Dec: +47 05 38.28 (47.09397d) Equinox: J2000		Epoch of Position: 2015.5		V=25	Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	Category=GALAXY									
Exposures	Description=[SPIRAL]									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n U3845WH06 (56) (4)	527 Secs (1593 Secs) [==>531.0 Secs (Pattern 1)] [==>531.0 Secs (Pattern 2)] [==>531.0 Secs (Pattern 3)]	[1]
	2		(6) U3845	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50			552.937252 Secs (552.937 Secs) [==>]	[1]



Proposal 15640 - U3845WH07V03 (57) - The Search for New Physics Amid the Hubble Constant Tension

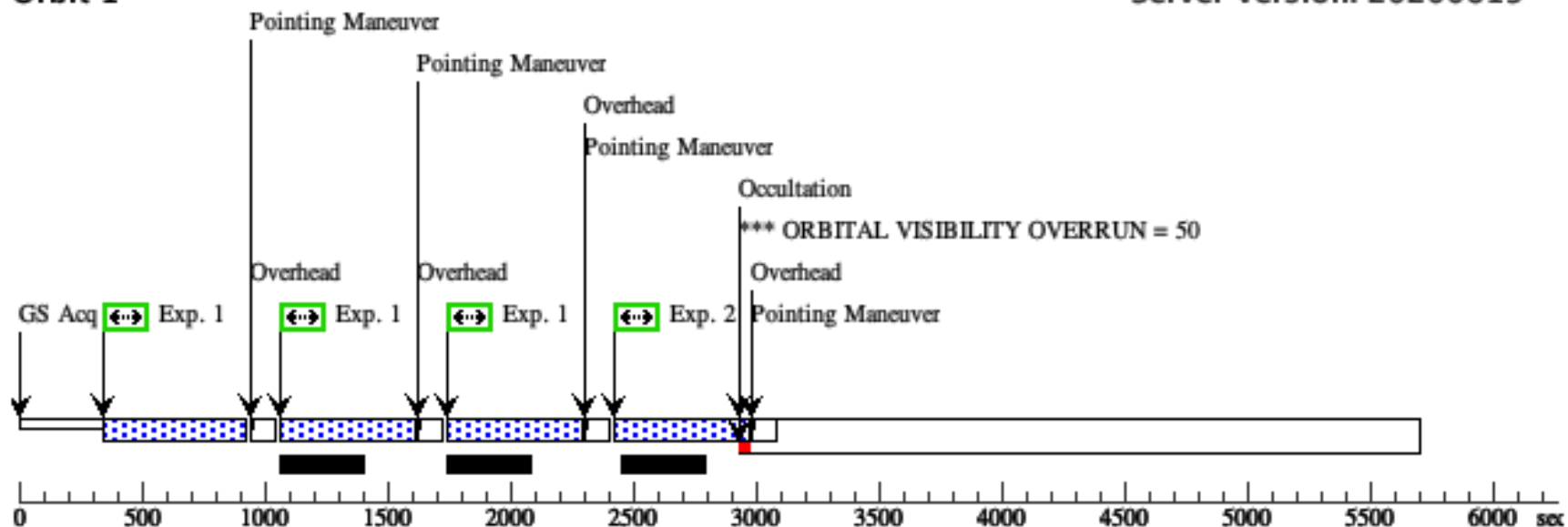
Visit	Proposal 15640, U3845WH07V03 (57), withdrawn Mon Aug 24 01:01:49 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; SAME ORIENT AS 56; AFTER 51 BY 72.83 D TO 73.83 D; ON HOLD <i>On Hold Comments: Other targets are more promising at the moment</i>				
Diagnostics	(U3845WH07V03 (57)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(U3845WH07V03 (57)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(6)	U3845	RA: 07 26 42.7090 (111.6779542d) Dec: +47 05 38.28 (47.09397d) Equinox: J2000	Epoch of Position: 2015.5	V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - U3845WH07V03 (57) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n U3845WH07V03 (57) (4)	550 Secs (1659 Secs) [==>553.0 Secs (Pattern 1)] [==>553.0 Secs (Pattern 2)] [==>553.0 Secs (Pattern 3)]	[1]
	2		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F555W			Pattern 1, Exps 2-2 i n U3845WH07V03 (57) (1)	520 Secs (1174 Secs) [==>523.0 Secs (Pattern 1)] [==>651.0 Secs (Pattern 2)]	
	3		(6) U3845	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n U3845WH07V03 (57) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	

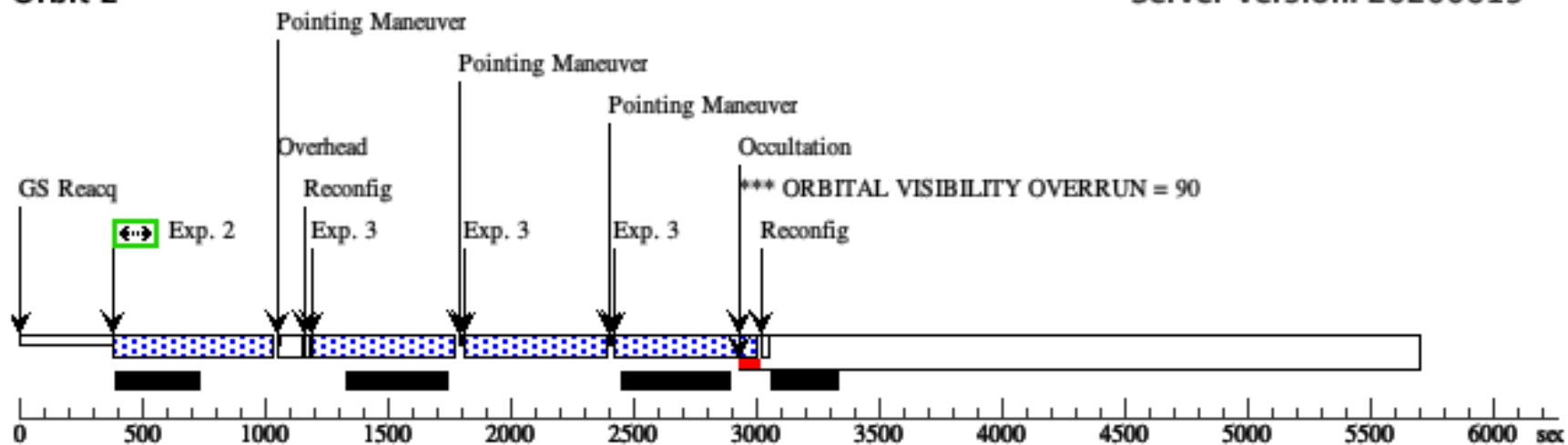
Orbit 1

Server Version: 20200619



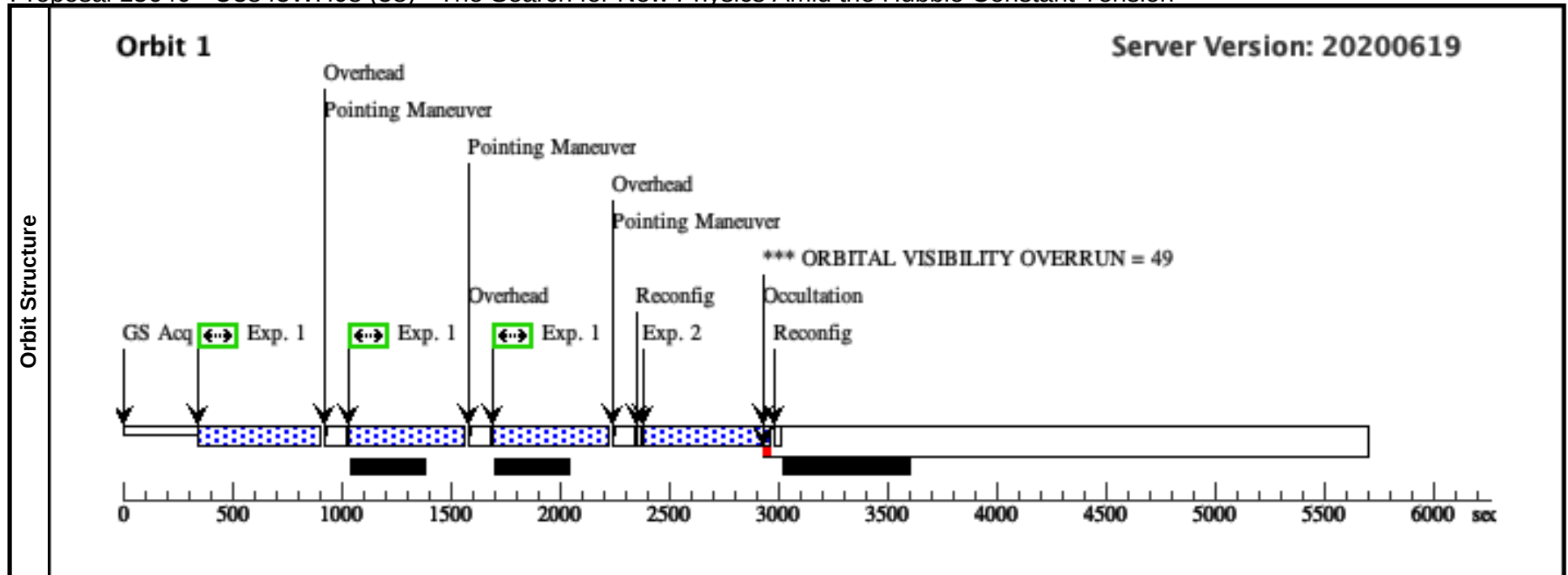
Orbit 2

Server Version: 20200619



Proposal 15640 - U3845WH08 (58) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, U3845WH08 (58), withdrawn							Mon Aug 24 01:01:49 GMT 2020		
	Diagnostic Status: Warning									
	Scientific Instruments: WFC3/IR, WFC3/UVIS									
	Special Requirements: SCHED 100%; ORIENT -20D TO 0D FROM 51; AFTER 51 BY 81.55 D TO 82.55 D; ON HOLD									
On Hold Comments: Other targets are more promising at the moment										
Diagnosics	(U3845WH08 (58)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
Patterns	#	Primary Pattern				Secondary Pattern		Exposures		
	(4)	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		
	(6)	U3845	RA: 07 26 42.7090 (111.6779542d) Dec: +47 05 38.28 (47.09397d) Equinox: J2000		Epoch of Position: 2015.5		V=25	Reference Frame: SIMBAD		
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.									
	Category=GALAXY									
Exposures	Description=[SPIRAL]									
	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n U3845WH08 (58) (4)	527 Secs (1593 Secs) [==>531.0 Secs (Pattern 1)] [==>531.0 Secs (Pattern 2)] [==>531.0 Secs (Pattern 3)]	[1]
	2		(6) U3845	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50			552.937252 Secs (552.937 Secs) [==>]	[1]



Proposal 15640 - U3845WH09I03 (59) - The Search for New Physics Amid the Hubble Constant Tension

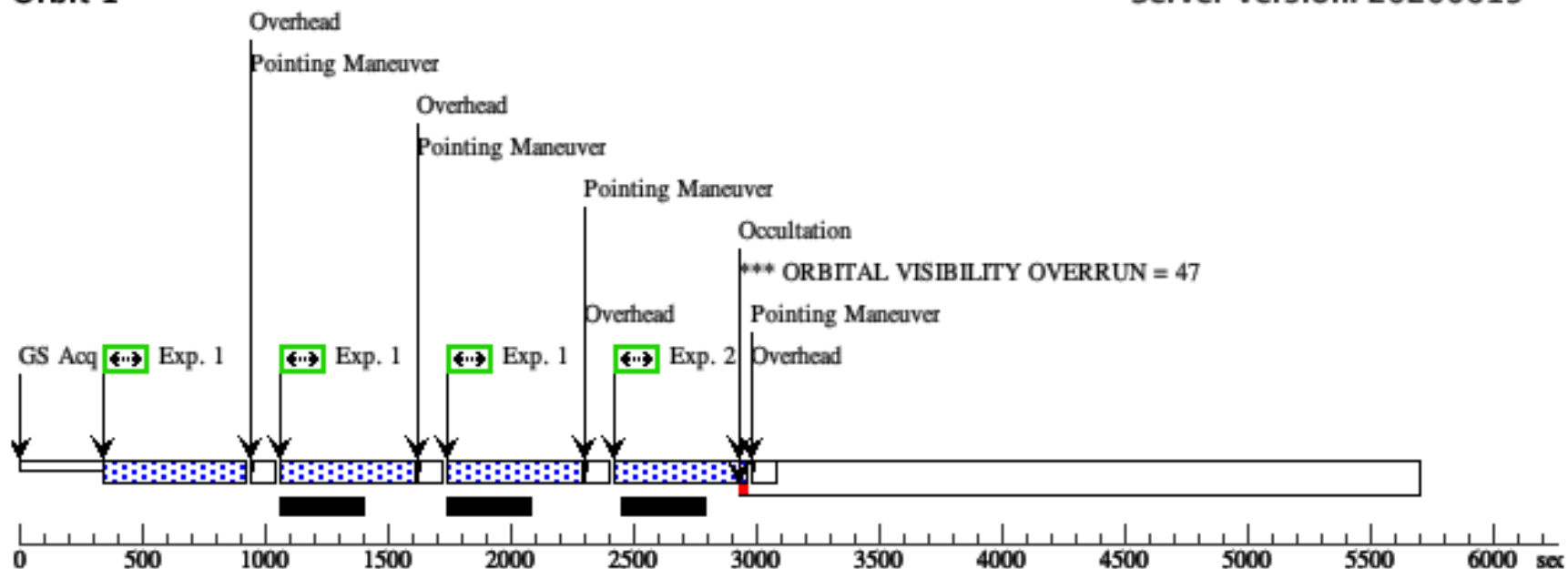
Visit	Proposal 15640, U3845WH09I03 (59), withdrawn Mon Aug 24 01:01:49 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; ORIENT -25D TO 0D FROM 51; AFTER 51 BY 89.73 D TO 90.73 D; ON HOLD <i>On Hold Comments: Other targets are more promising at the moment</i>				
Diagnostics	(U3845WH09I03 (59)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(U3845WH09I03 (59)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(6)	U3845	RA: 07 26 42.7090 (111.6779542d) Dec: +47 05 38.28 (47.09397d) Equinox: J2000	Epoch of Position: 2015.5	V=25
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]					
Reference Frame: SIMBAD					

Proposal 15640 - U3845WH09I03 (59) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n U3845WH09I03 (5 9) (4)	550 Secs (1659 Secs) [==>553.0 Secs (Pattern 1)] [==>553.0 Secs (Pattern 2)] [==>553.0 Secs (Pattern 3)]	[1]
	2		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n U3845WH09I03 (5 9) (1)	520 Secs (1174 Secs) [==>523.0 Secs (Pattern 1)] [==>651.0 Secs (Pattern 2)]	
	3		(6) U3845	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n U3845WH09I03 (5 9) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	

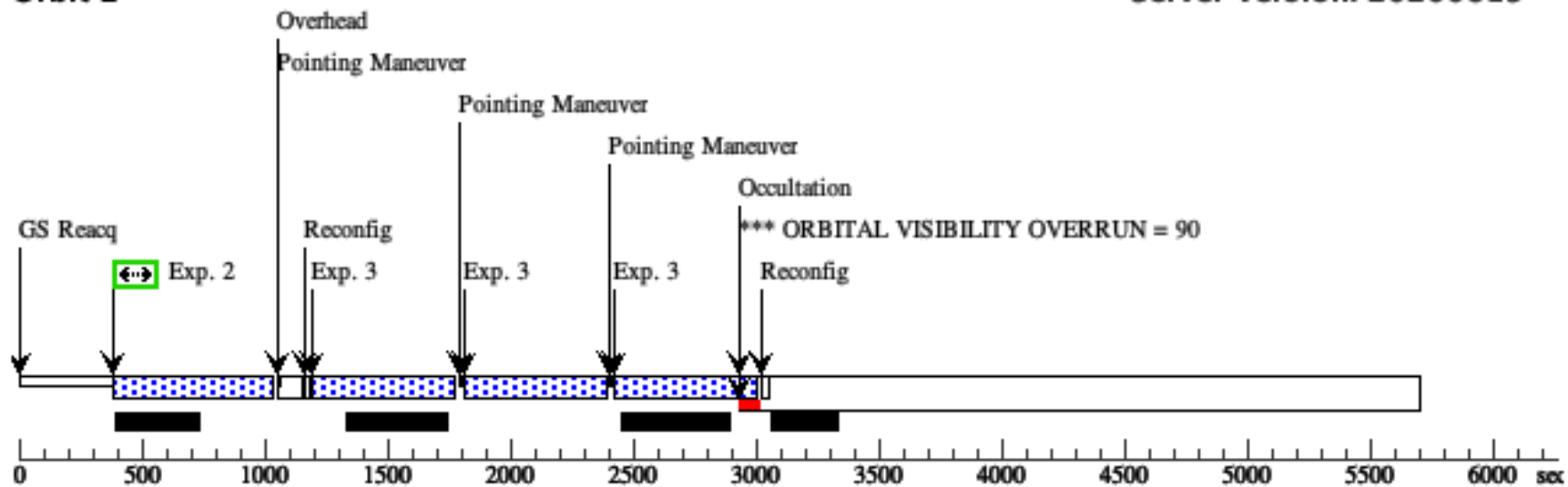
Orbit 1

Server Version: 20200619



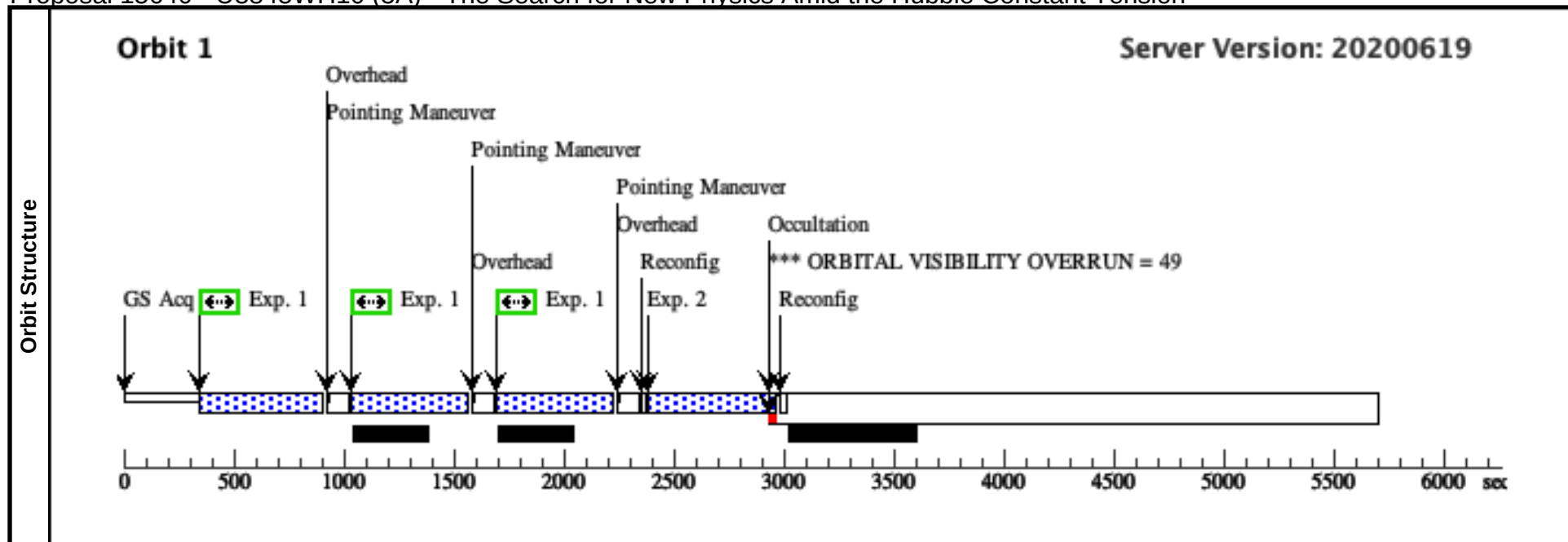
Orbit 2

Server Version: 20200619



Proposal 15640 - U3845WH10 (5A) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, U3845WH10 (5A), withdrawn										Mon Aug 24 01:01:49 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT -35D TO 0D FROM 51; AFTER 51 BY 95.0 D TO 98.50 D; ON HOLD												
On Hold Comments: Other targets are more promising at the moment													
Diagnostics	(U3845WH10 (5A)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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			
	(6)	U3845		RA: 07 26 42.7090 (111.6779542d) Dec: +47 05 38.28 (47.09397d) Equinox: J2000		Epoch of Position: 2015.5		V=25		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) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n U3845WH10 (5A) (4)	527 Secs (1593 Secs) [==>531.0 Secs (Pattern 1)] [==>531.0 Secs (Pattern 2)] [==>531.0 Secs (Pattern 3)]		[1]	
	2		(6) U3845	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=12; SAMP-SEQ=SPAR S50			552.937252 Secs (552.937 Secs) [==>]		[1]	



Proposal 15640 - U3845WH11I04 (5B) - The Search for New Physics Amid the Hubble Constant Tension

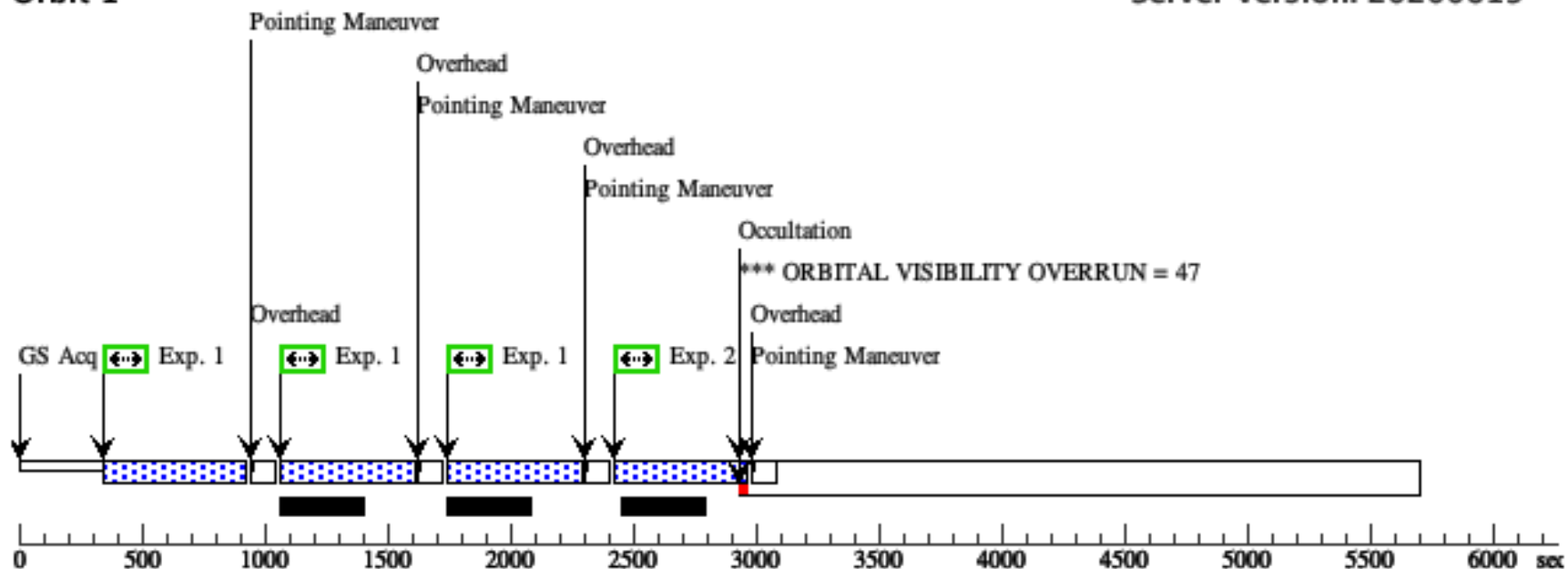
Visit	Proposal 15640, U3845WH11I04 (5B), withdrawn Mon Aug 24 01:01:49 GMT 2020				
	Diagnostic Status: Warning Scientific Instruments: WFC3/IR, WFC3/UVIS Special Requirements: SCHED 100%; ORIENT -45D TO 0D FROM 51; AFTER 51 BY 103 D TO 105.5 D; ON HOLD <i>On Hold Comments: Other targets are more promising at the moment</i>				
Diagnostics	(U3845WH11I04 (5B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (U3845WH11I04 (5B)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
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)
	(4)	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-LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.605 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
	(6)	U3845	RA: 07 26 42.7090 (111.6779542d) Dec: +47 05 38.28 (47.09397d) Equinox: J2000	Epoch of Position: 2015.5	V=25
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=GALAXY Description=[SPIRAL]				
	Reference Frame: SIMBAD				

Proposal 15640 - U3845WH11I04 (5B) - The Search for New Physics Amid the Hubble Constant Tension

Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F350LP		GS ACQ SCENARI O BASE1B3	Pattern 4, Exps 1-1 i n U3845WH11I04 (5 B) (4)	550 Secs (1659 Secs) [==>553.0 Secs (Pattern 1)] [==>553.0 Secs (Pattern 2)] [==>553.0 Secs (Pattern 3)]	[1]
	2		(6) U3845	WFC3/UVIS, ACCUM, UVIS-CENTER	F814W			Pattern 1, Exps 2-2 i n U3845WH11I04 (5 B) (1)	520 Secs (1174 Secs) [==>523.0 Secs (Pattern 1)] [==>651.0 Secs (Pattern 2)]	
	3		(6) U3845	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER	F160W	NSAMP=12; SAMP-SEQ=SPAR S50		Pattern 5, Exps 3-3 i n U3845WH11I04 (5 B) (5)	552.937252 Secs (1658.812 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	

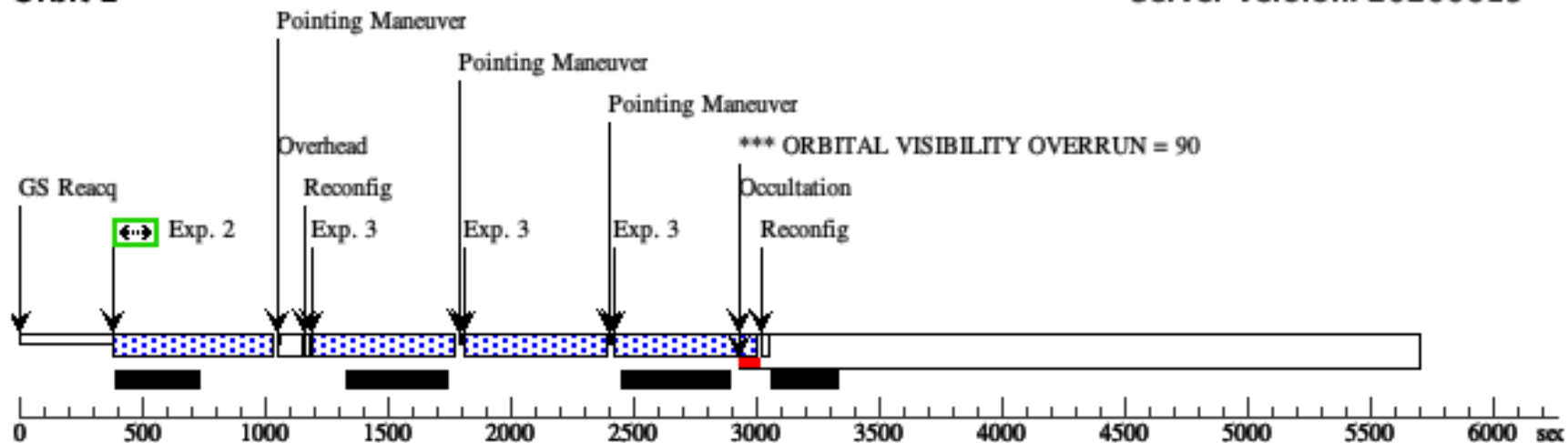
Orbit 1

Server Version: 20200619



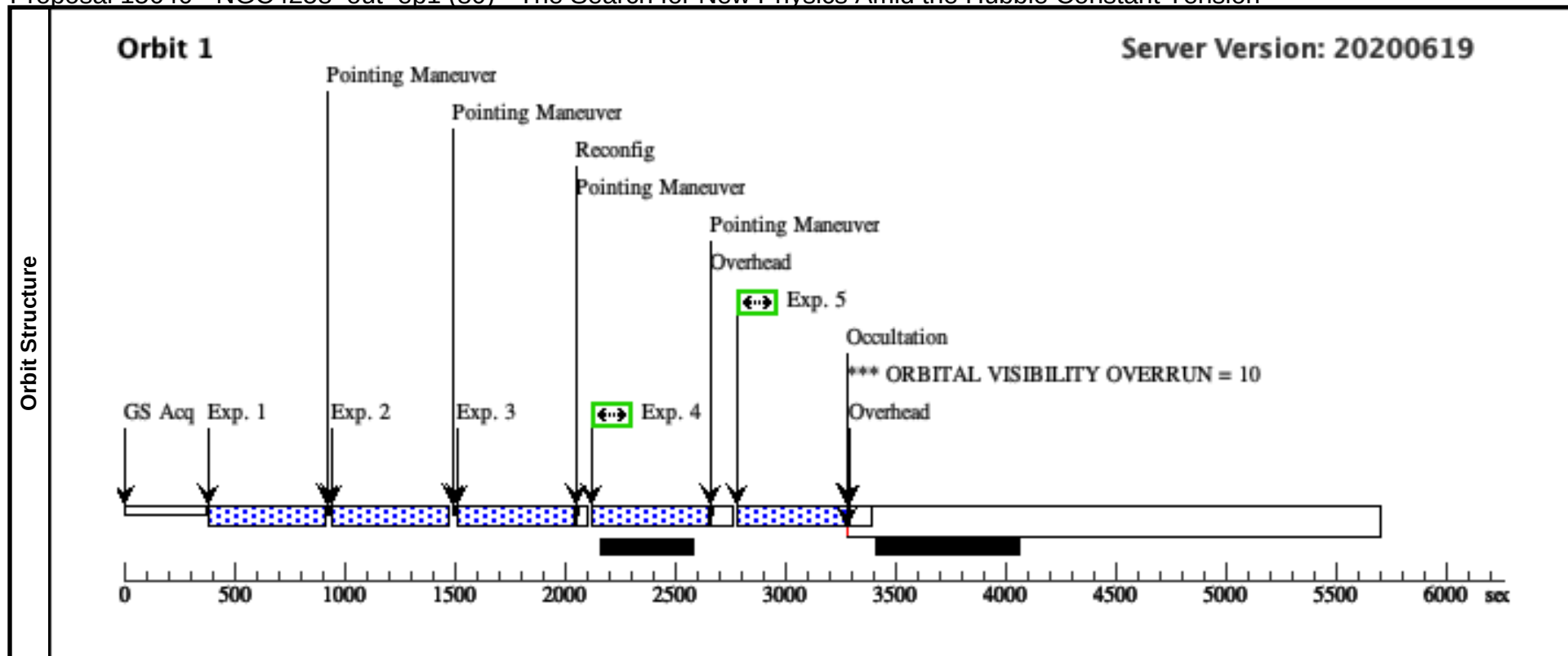
Orbit 2

Server Version: 20200619



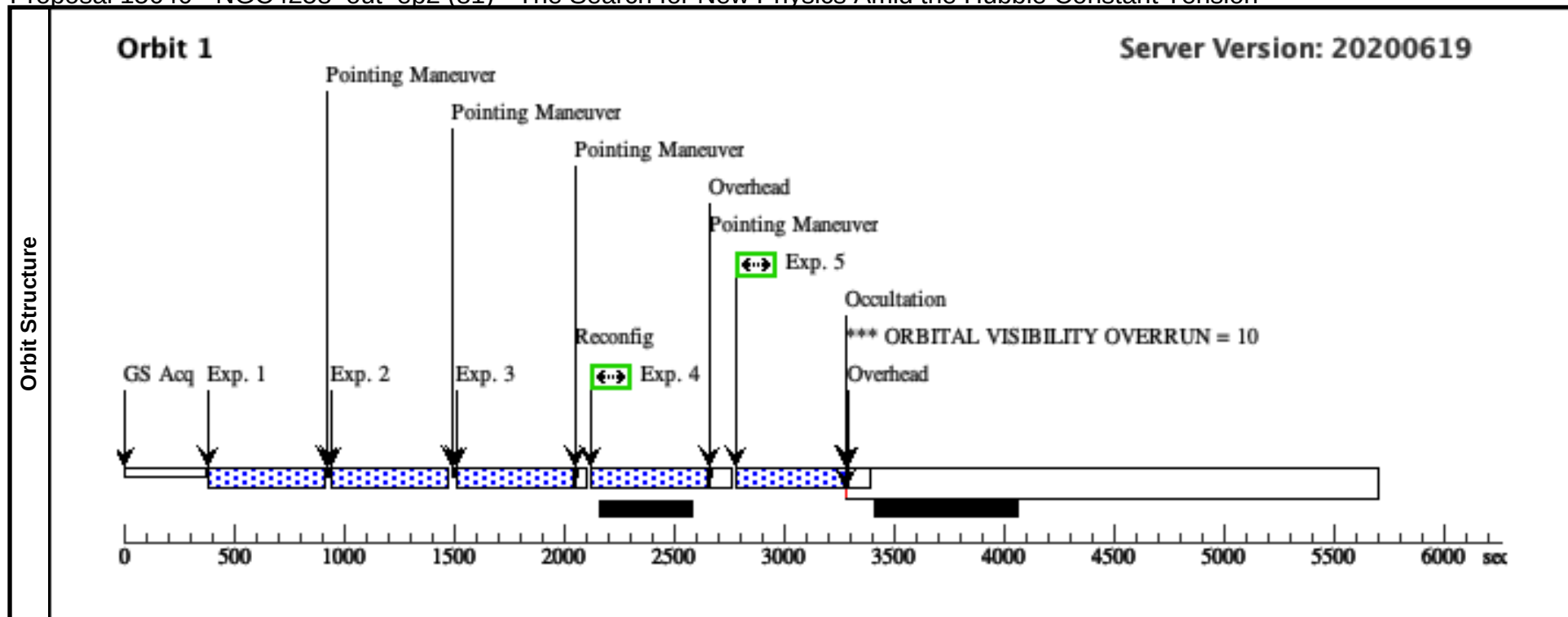
Proposal 15640 - NGC4258 out ep1 (80) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, NGC4258_out_ep1 (80), completed										Mon Aug 24 01:01:49 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: ORIENT 280D TO 320 D													
Diagnostics	(NGC4258_out_ep1 (80)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous					
	(8)	NGC4258OUTER	RA: 12 19 23.9813 (184.8499221d) Dec: +47 11 22.97 (47.18971d) Equinox: J2000				V=15		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) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPAR S100		GS ACQ SCENARIO BASE1B3		502.933906 Secs (502.934 Secs) [==>]		[1]	
	2		(8) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPAR S100		POS TARG 0.542,0.182		502.933906 Secs (502.934 Secs) [==>]		[1]	
	3		(8) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPAR S100		POS TARG 0.339,0.485		502.933906 Secs (502.934 Secs) [==>]		[1]	
	4		(8) NGC4258OUTER	WFC3/UVIS, ACCUM, UVIS		F350LP	CR-SPLIT=NO				500 Secs (500 Secs) [==>]		[1]	
	5		(8) NGC4258OUTER	WFC3/UVIS, ACCUM, UVIS		F350LP			POS TARG -0.203,0.303		500 Secs (500 Secs) [==>]		[1]	



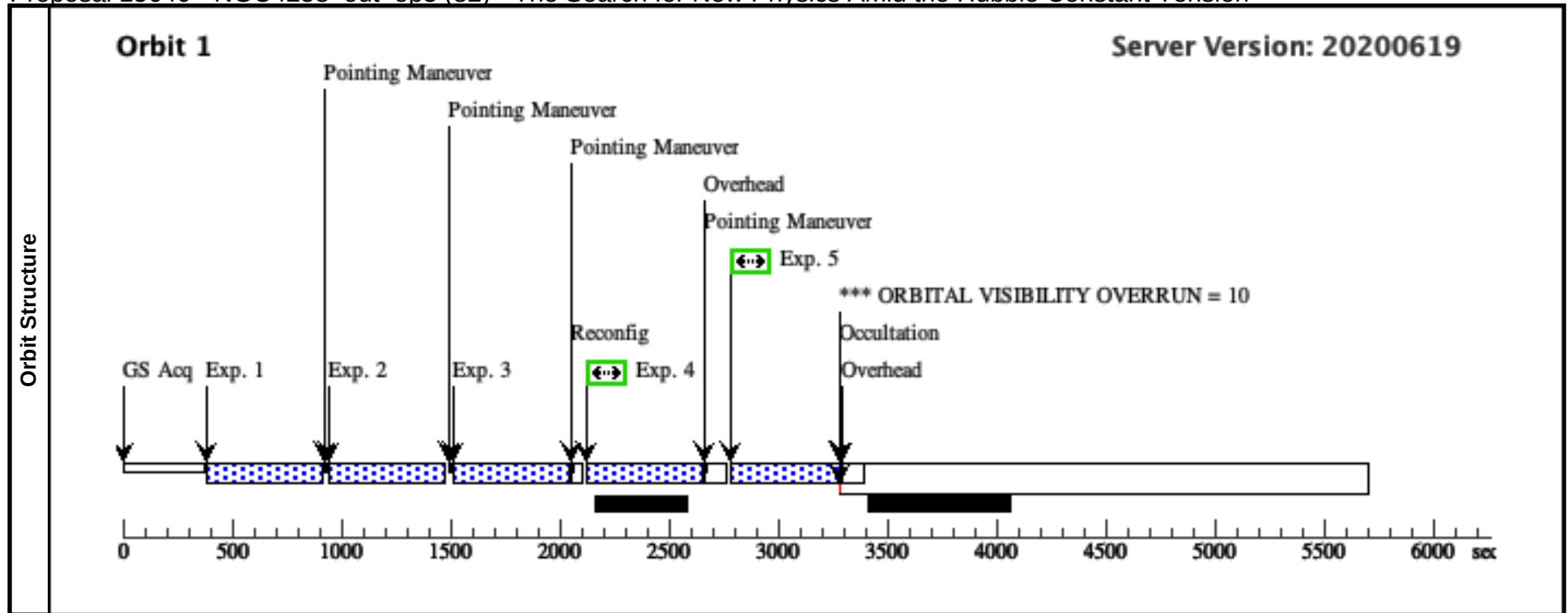
Proposal 15640 - NGC4258_out_ep2 (81) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, NGC4258_out_ep2 (81), completed										Mon Aug 24 01:01:49 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SAME ORIENT AS 80; AFTER 80 BY 4 D TO 6 D													
Diagnostics	(NGC4258_out_ep2 (81)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous					
	(8)	NGC4258OUTER	RA: 12 19 23.9813 (184.8499221d) Dec: +47 11 22.97 (47.18971d) Equinox: J2000				V=15		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) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPAR S100		GS ACQ SCENARI O BASE1B3			502.933906 Secs (502.934 Secs) [==>]		[1]
	2		(8) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPAR S100		POS TARG 0.542,0. 182			502.933906 Secs (502.934 Secs) [==>]		[1]
	3		(8) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPAR S100		POS TARG 0.339,0. 485			502.933906 Secs (502.934 Secs) [==>]		[1]
	4		(8) NGC4258OUTER	WFC3/UVIS, ACCUM, UVIS		F350LP	CR-SPLIT=NO					500 Secs (500 Secs) [==>]		[1]
	5		(8) NGC4258OUTER	WFC3/UVIS, ACCUM, UVIS		F350LP			POS TARG -0.203,0 .303			500 Secs (500 Secs) [==>]		[1]



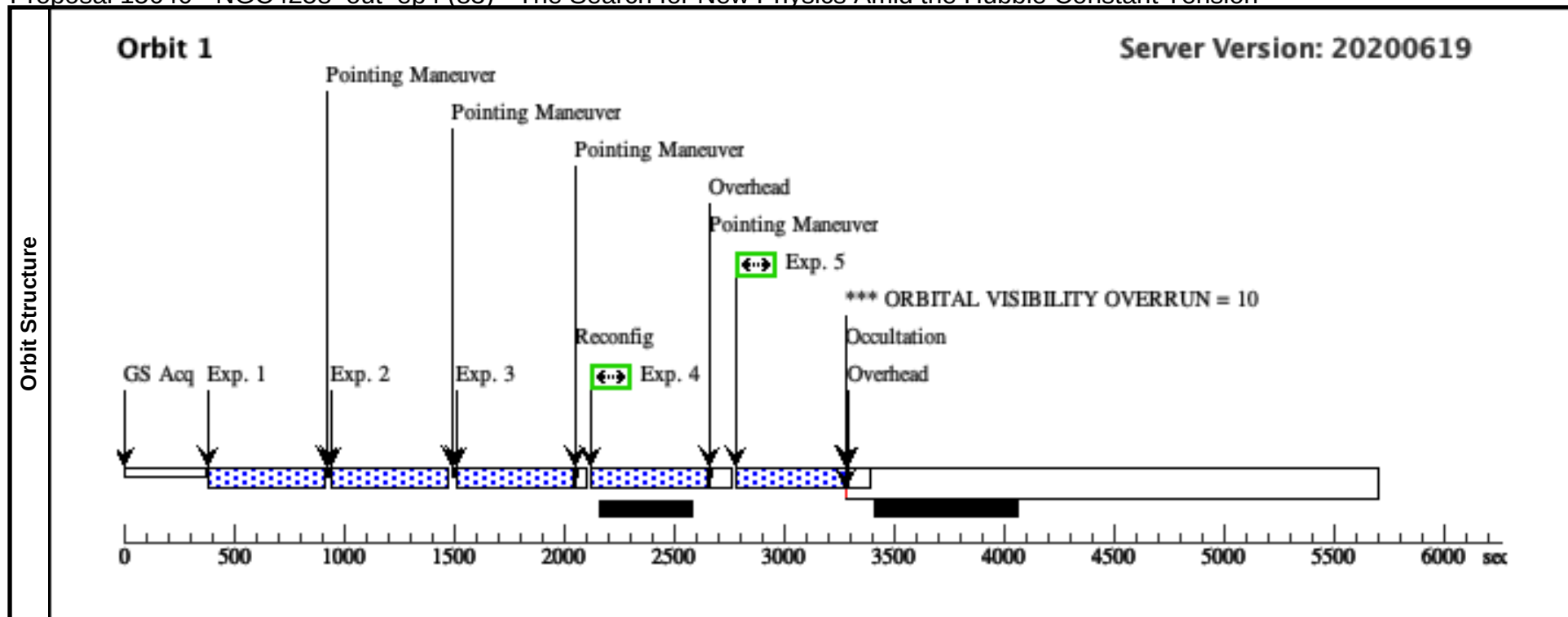
Proposal 15640 - NGC4258 out ep3 (82) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, NGC4258_out_ep3 (82), completed										Mon Aug 24 01:01:49 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SAME ORIENT AS 80; AFTER 80 BY 10 D TO 12 D													
Diagnostics	(NGC4258_out_ep3 (82)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous					
	(8)	NGC4258OUTER	RA: 12 19 23.9813 (184.8499221d) Dec: +47 11 22.97 (47.18971d) Equinox: J2000				V=15		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) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPARS100	GS ACQ SCENARIO BASE1B3		502.933906 Secs (502.934 Secs) [==>]		[1]		
	2		(8) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPARS100	POS TARG 0.542,0.182		502.933906 Secs (502.934 Secs) [==>]		[1]		
	3		(8) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPARS100	POS TARG 0.339,0.485		502.933906 Secs (502.934 Secs) [==>]		[1]		
	4		(8) NGC4258OUTER	WFC3/UVIS, ACCUM, UVIS		F350LP	CR-SPLIT=NO			500 Secs (500 Secs) [==>]		[1]		
	5		(8) NGC4258OUTER	WFC3/UVIS, ACCUM, UVIS		F350LP		POS TARG -0.203,0.303		500 Secs (500 Secs) [==>]		[1]		



Proposal 15640 - NGC4258_out_ep4 (83) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, NGC4258_out_ep4 (83), completed										Mon Aug 24 01:01:49 GMT 2020			
	Diagnostic Status: Warning													
	Scientific Instruments: WFC3/IR, WFC3/UVIS													
	Special Requirements: SAME ORIENT AS 80; AFTER 80 BY 16 D TO 20 D													
Diagnostics	(NGC4258_out_ep4 (83)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous					
	(8)	NGC4258OUTER	RA: 12 19 23.9813 (184.8499221d) Dec: +47 11 22.97 (47.18971d) Equinox: J2000				V=15		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) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPAR S100		GS ACQ SCENARI O BASE1B3			502.933906 Secs (502.934 Secs) [==>]		[1]
	2		(8) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPAR S100		POS TARG 0.542,0.182			502.933906 Secs (502.934 Secs) [==>]		[1]
	3		(8) NGC4258OUTER	WFC3/IR, MULTIACCUM, IR-FIX		F160W	NSAMP=6; SAMP-SEQ=SPAR S100		POS TARG 0.339,0.485			502.933906 Secs (502.934 Secs) [==>]		[1]
	4		(8) NGC4258OUTER	WFC3/UVIS, ACCUM, UVIS		F350LP	CR-SPLIT=NO					500 Secs (500 Secs) [==>]		[1]
	5		(8) NGC4258OUTER	WFC3/UVIS, ACCUM, UVIS		F350LP			POS TARG -0.203,0.303			500 Secs (500 Secs) [==>]		[1]



Proposal 15640 - N5643W15H10 (99) - The Search for New Physics Amid the Hubble Constant Tension

Visit	Proposal 15640, N5643W15H10 (99), completed										Mon Aug 24 01:01:49 GMT 2020		
	Diagnostic Status: Warning												
	Scientific Instruments: WFC3/IR, WFC3/UVIS												
	Special Requirements: SCHED 100%; ORIENT 280D TO 320 D; BETWEEN 28-JAN-2020:00:00:00 AND 30-MAY-2020:00:00:00												
Diagnostics	(N5643W15H10 (99)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN												
Patterns	#	Primary Pattern					Secondary Pattern					Exposures	
	(4)	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)	
	(6)	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)	NGC-5643		RA: 14 32 40.7780 (218.1699083d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000		Epoch of Position: 2015.5		V=13.6		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		(9) NGC-5643	WFC3/UVIS, ACCUM, UVIS-CENTER		F350LP			Pattern 4, Exps 1-1 in N5643W15H10 (99) (4)	360 Secs (1080 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)]	[1]		
	2		(9) NGC-5643	WFC3/IR, MULTIACCUM, IR-UVIS-CENTER		F160W	NSAMP=11; SAMP-SEQ=SPAR S50		Pattern 6, Exps 2-2 in N5643W15H10 (99) (6)	502.936801 Secs (1005.874 Secs)			
										[==>(Pattern 1)] [==>(Pattern 2)]	[1]		

