



15821 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Cycle: 27, Proposal Category: SNAP

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) BIENOR	WFC3/UVIS	1	20-Sep-2019 16:00:27.0	yes
02	(2) Y2005RO43	WFC3/UVIS	1	20-Sep-2019 16:00:28.0	yes
03	(3) Y2015DB216	WFC3/UVIS	1	20-Sep-2019 16:00:29.0	yes
04	(4) Y2014NW65	WFC3/UVIS	1	20-Sep-2019 16:00:30.0	yes
05	(5) Y2015XW379	WFC3/UVIS	1	20-Sep-2019 16:00:31.0	yes
06	(6) Y2003HM57	WFC3/UVIS	1	20-Sep-2019 16:00:32.0	yes
07	(7) Y2010KR59	WFC3/UVIS	1	20-Sep-2019 16:00:32.0	yes
08	(8) Y2010TY53	WFC3/UVIS	1	20-Sep-2019 16:00:33.0	yes
09	(9) Y2002GG166	WFC3/UVIS	1	20-Sep-2019 16:00:34.0	yes
10	(10) Y2014LN28	WFC3/UVIS	1	20-Sep-2019 16:00:35.0	yes
11	(11) Y2010PL66	WFC3/UVIS	1	20-Sep-2019 16:00:36.0	yes
12	(12) Y2016AE193	WFC3/UVIS	1	20-Sep-2019 16:00:36.0	yes

Proposal 15821 (STScI Edit Number: 1, Created: Friday, September 20, 2019 at 3:00:57 PM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
13	(13) Y2010LO33	WFC3/UVIS	1	20-Sep-2019 16:00:37.0	yes
14	(14) Y2010GF65	WFC3/UVIS	1	20-Sep-2019 16:00:38.0	yes
15	(15) Y2010GX34	WFC3/UVIS	1	20-Sep-2019 16:00:39.0	yes
16	(16) Y2013TC146	WFC3/UVIS	1	20-Sep-2019 16:00:39.0	yes
17	(17) Y2013MZ11	WFC3/UVIS	1	20-Sep-2019 16:00:40.0	yes
18	(18) Y2007JK43	WFC3/UVIS	1	20-Sep-2019 16:00:41.0	yes
19	(19) Y2014UT114	WFC3/UVIS	1	20-Sep-2019 16:00:42.0	yes
20	(20) Y2012VU85	WFC3/UVIS	1	20-Sep-2019 16:00:43.0	yes
21	(21) Y2013PH44	WFC3/UVIS	1	20-Sep-2019 16:00:43.0	yes
22	(22) Y2014FB72	WFC3/UVIS	1	20-Sep-2019 16:00:44.0	yes
23	(23) Y2019CJ3	WFC3/UVIS	1	20-Sep-2019 16:00:45.0	yes
24	(24) AMYCUS	WFC3/UVIS	1	20-Sep-2019 16:00:46.0	yes
25	(25) Y2010EO65	WFC3/UVIS	1	20-Sep-2019 16:00:47.0	yes
26	(26) Y2011UD63	WFC3/UVIS	1	20-Sep-2019 16:00:48.0	yes
27	(27) Y2011FX62	WFC3/UVIS	1	20-Sep-2019 16:00:49.0	yes
28	(28) Y2014CN23	WFC3/UVIS	1	20-Sep-2019 16:00:49.0	yes
29	(29) Y2013FN28	WFC3/UVIS	1	20-Sep-2019 16:00:50.0	yes
30	(30) Y2014QV441	WFC3/UVIS	1	20-Sep-2019 16:00:51.0	yes
31	(31) Y2010FB49	WFC3/UVIS	1	20-Sep-2019 16:00:52.0	yes
32	(32) Y2011OD16	WFC3/UVIS	1	20-Sep-2019 16:00:52.0	yes
33	(33) Y2010EN65	WFC3/UVIS	1	20-Sep-2019 16:00:53.0	yes
34	(34) Y2015BD518	WFC3/UVIS	1	20-Sep-2019 16:00:54.0	yes
35	(35) Y2013KY18	WFC3/UVIS	1	20-Sep-2019 16:00:55.0	yes
36	(36) Y2012CE17	WFC3/UVIS	1	20-Sep-2019 16:00:55.0	yes
37	(37) Y2013NT33	WFC3/UVIS	1	20-Sep-2019 16:00:56.0	yes

37 Total Orbits Used

ABSTRACT

We propose to observe Centaurs, Scattered Disk Objects, and Neptune Co-Orbitals using WFC3/UVIS with a single orbit for each target in order to determine if any are binary systems. All of these objects are presently within 30 AU of Earth at opposition, and thus have better than 900 km/pixel resolution with WFC3/UVIS. Only two binary Centaurs are presently known (Ceto and Typhon), and they have very different bulk densities. The discovery of additional binary Centaurs will enable future HST and JWST observations to compute orbit solutions and to measure the density of these binaries and therefore to assess the range of bulk densities in the Centaur population. Because our targets are all within 30 AU of Earth, we can detect much tighter binaries than is possible for objects beyond the orbit of Neptune. Any Centaurs that do not have visible satellites may be candidates for occultation ring searches, and the high-precision astrometry that we will obtain would help enable those occultation observations. The targets in our sample, by virtue of their relative proximity to Earth, represent the best opportunity to identify new triple systems, which would have a very tight central binary orbited at larger distances by a third body. Triples are especially exciting future JWST targets, as they allow precise measurements of mass and density for all three bodies.

OBSERVING DESCRIPTION

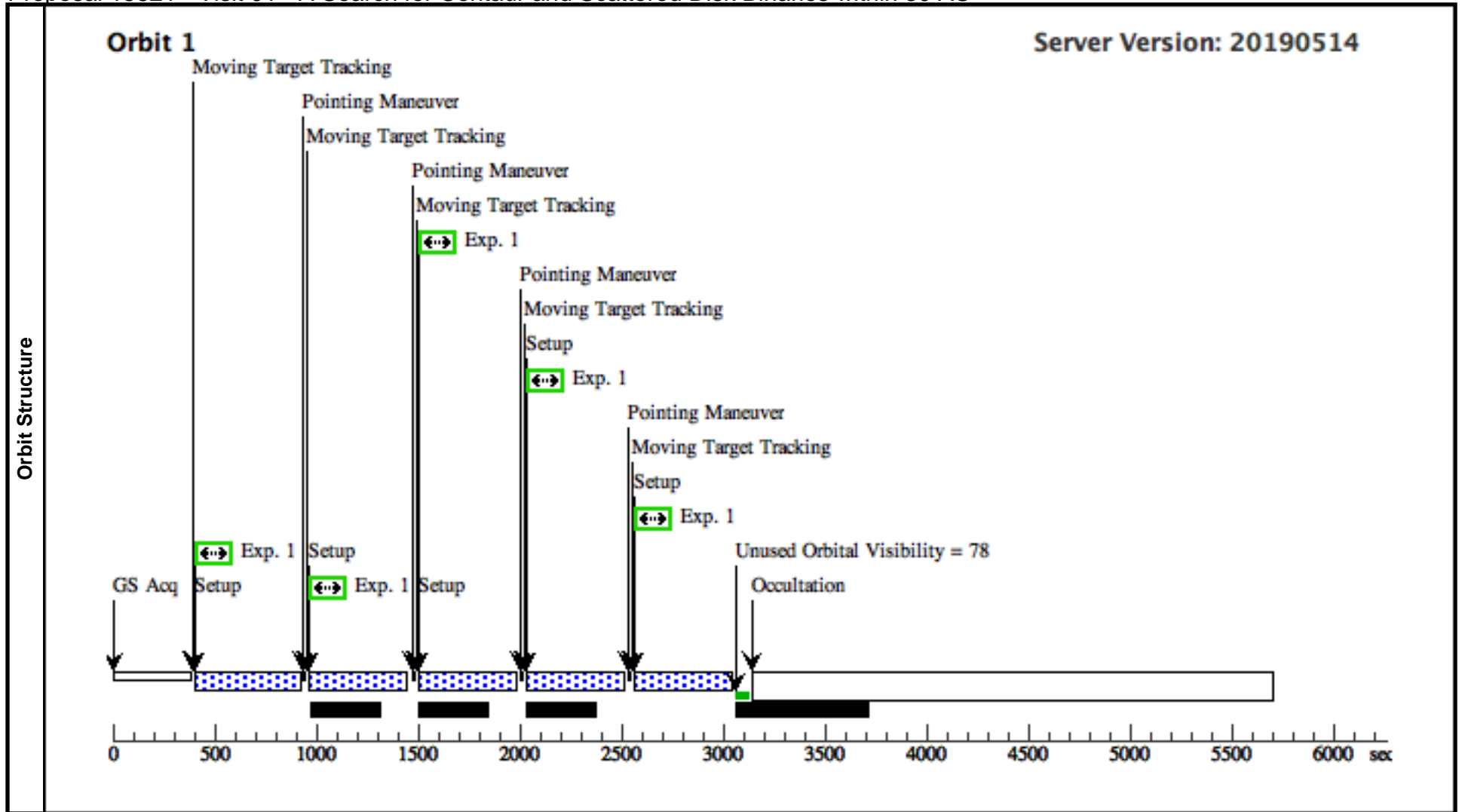
We have included 37 potential targets for this 37-orbit SNAP program, in priority order. All of these targets are between 15 and 30 AU from Earth and have well-determined orbits with pointing uncertainties less than 10 arcseconds at the end of Cycle 27. The only special requirement that we have added is to restrict the observing window to within two month of opposition, so as to ensure that the targets are not observed near quadrature, when their sky motion would be too small to usefully disentangle them from background stars. All of the targets are brighter than $V=22$.

The observations are all identical except for the target. They use five full-frame WFC3/UVIS exposures, with a custom line dither. This mimics the observing strategy that was successfully used to measure the orbit of 2014 MU69. We will use the combination of the two UVIS chips to fit all the visible Gaia stars and enable sub 10-milliarcsecond absolute astrometry of the targets. MU69 is $V\sim 27$, substantially dimmer than our targets, but similar in brightness to the satellites that we hope to detect. Note that a nominal 370 seconds exposure is used for the visits, but they may be expanded to fit the available time, as long as all the exposures in a given visit have the same length. Since these are moving targets, they may have appulses with bright stars

Proposal 15821 - Visit 01 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:57 GMT 2019

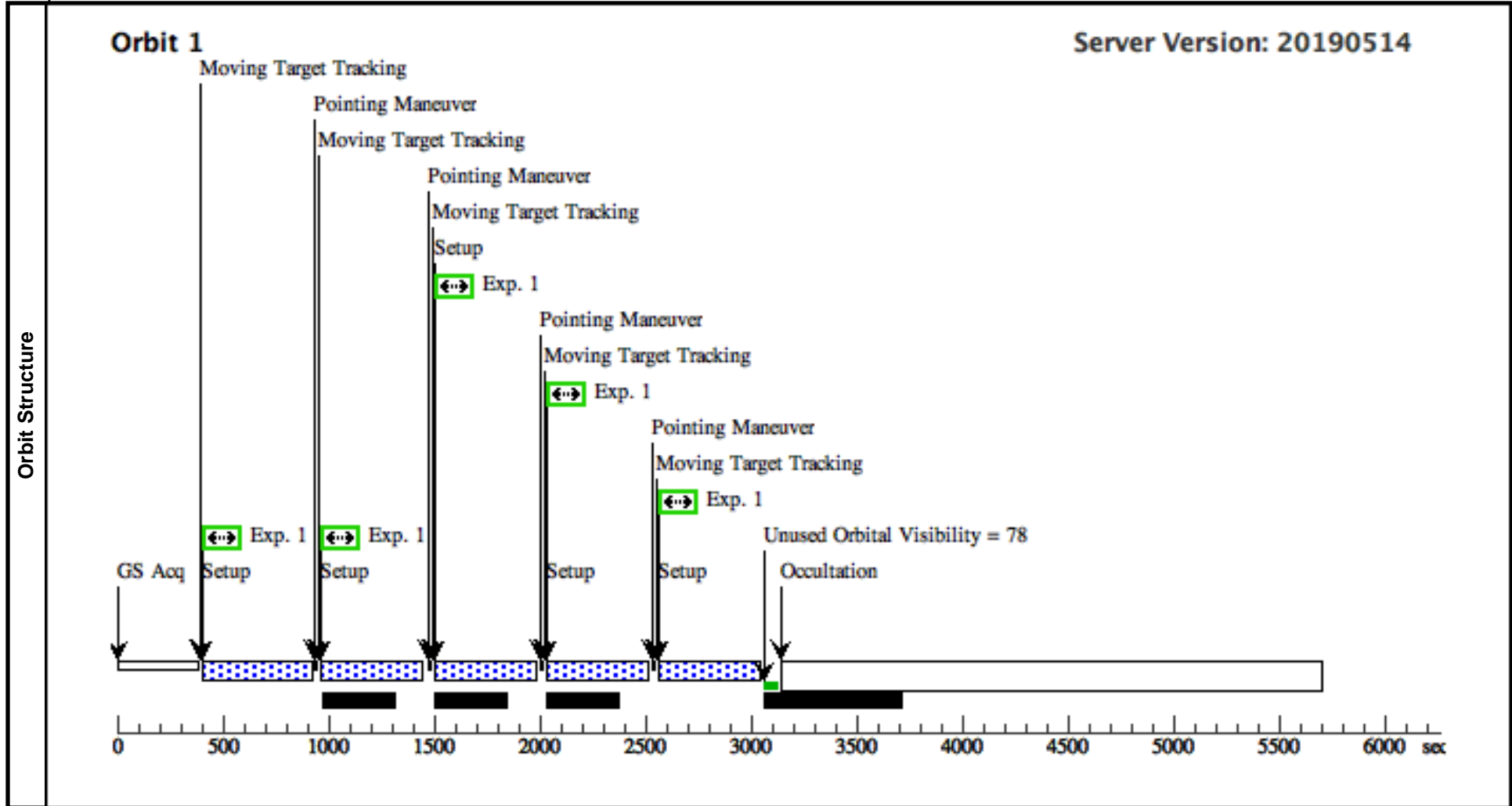
Visit	Proposal 15821, Visit 01, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 30-SEP-2019:23:59:59 AND 28-JAN-2020:23:59:59									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false		(1)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(1)	BIENOR	TYPE=ASTEROID,A=16.4375148861 57,E=0.198991980049,I=20.74429034 7548,O=337.748144442141,W=153.50 2747795413,M=315.656263176566,E QUINOX=J2000,EPOCH=29-NOV- 2019:23:59:59,EpochTimeScale=UTC <i>Comments: Description=Minor Planet Bienor Extended=NO</i>				EARTH			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(1) BIENOR	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 in Visit 01 (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



Proposal 15821 - Visit 02 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:57 GMT 2019

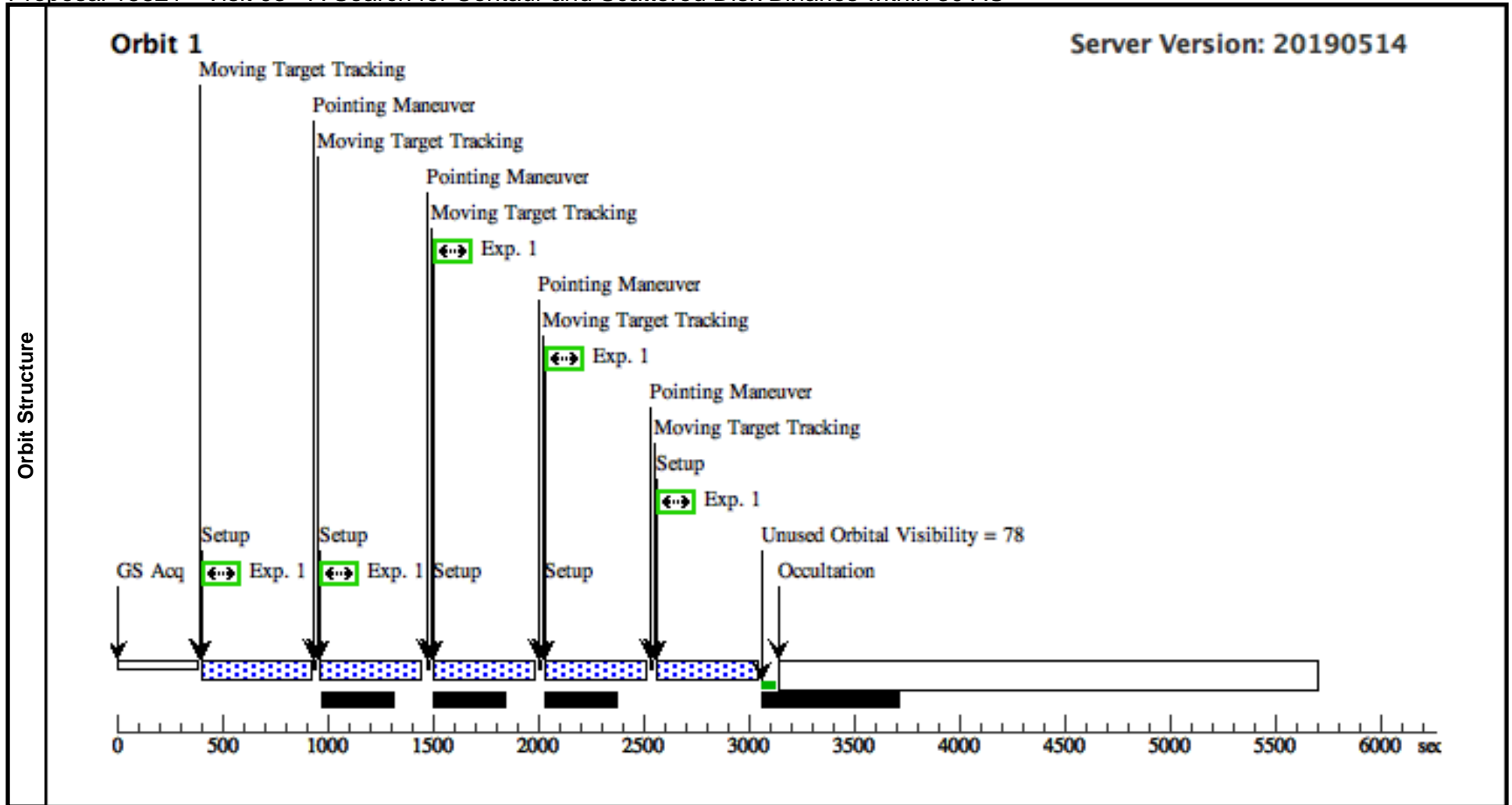
Visit	Proposal 15821, Visit 02, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 14-OCT-2019:23:59:59 AND 11-FEB-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(2)	Y2005RO43	TYPE=ASTEROID,A=28.6838558275 62,E=0.517779141503,I=35.47675060 8535,O=198.189668638329,W=326.91 9075643148,M=332.822261935359,E QUINOX=J2000,EPOCH=13-DEC- 2019:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2005 RO43 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(2) Y2005RO43	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 02 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 03 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:57 GMT 2019

Visit	Proposal 15821, Visit 03, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 20-JAN-2020:23:59:59 AND 19-MAY-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(3)	Y2015DB216	TYPE=ASTEROID,A=19.1444176841 51,E=0.325679665624,I=37.76637323 1559,O=6.256007777605,W=238.5830 25980625,M=324.712592547101,EQU INOX=J2000,EPOCH=20-MAR- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
	<i>Comments: Description=Minor Planet 2015 DB216 Extended=NO</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(3) Y2015DB216	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 03 (1)	370 Secs (1850 Secs)		
								[=>(Pattern 1)]			
								[=>(Pattern 2)]			
								[=>(Pattern 3)]			
								[=>(Pattern 4)]			
								[=>(Pattern 5)]		[1]	



Proposal 15821 - Visit 04 - A Search for Centaur and Scattered Disk Binaries within 30 AU

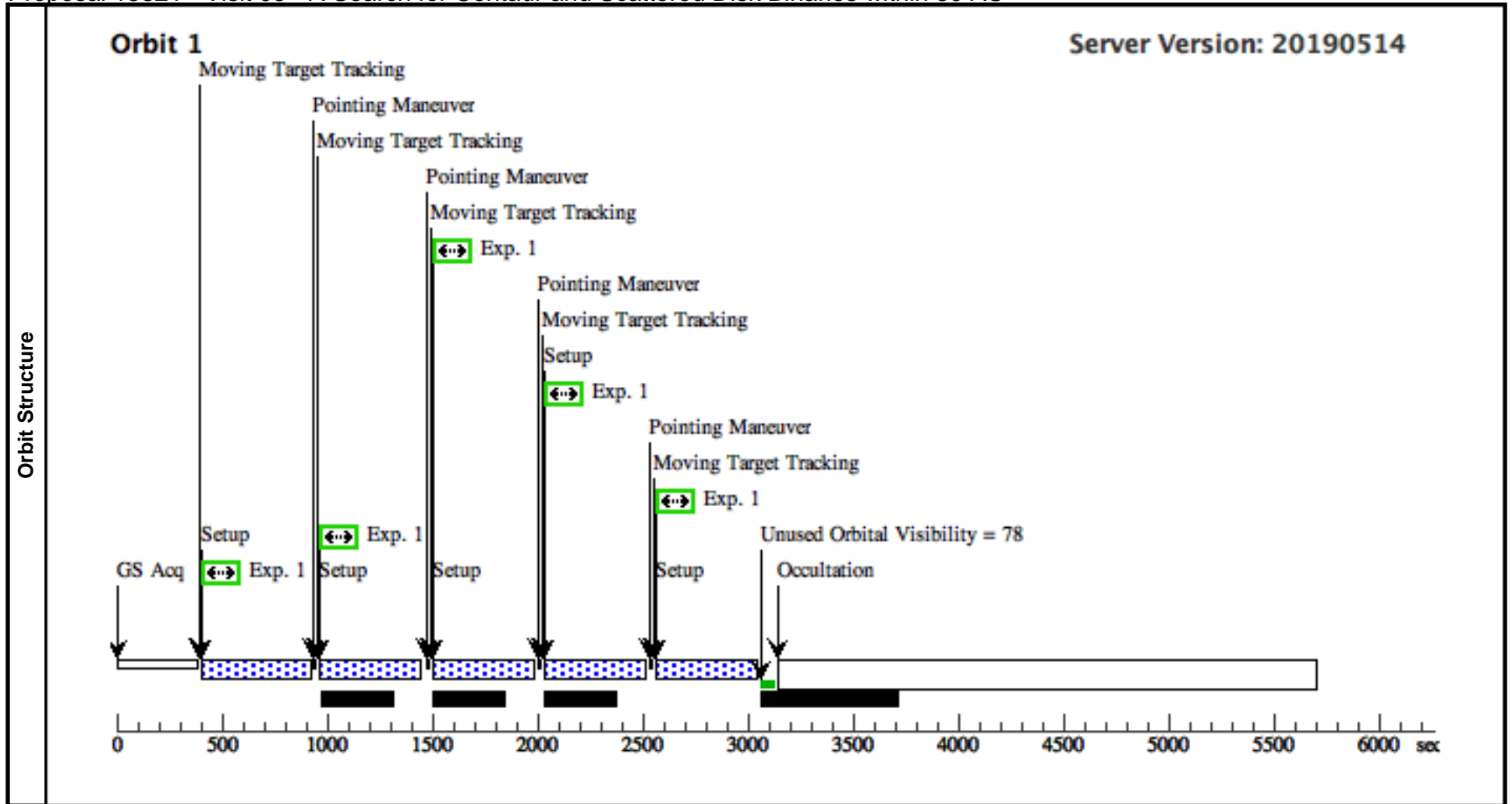
Fri Sep 20 20:00:57 GMT 2019

Visit	Proposal 15821, Visit 04, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-JUN-2020:23:59:59 AND 23-OCT-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(4)	Y2014NW65	TYPE=ASTEROID,A=23.2137148143 40,E=0.517297798055,I=20.44948311 4480,O=215.875091416345,W=232.94 9509490585,M=302.900273902783,E QUINOX=J2000,EPOCH=24-AUG- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2014 NW65 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(4) Y2014NW65	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 04 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]

Proposal 15821 - Visit 05 - A Search for Centaur and Scattered Disk Binaries within 30 AU

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Visit	Proposal 15821, Visit 05, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 03-DEC-2019:23:59:59 AND 01-APR-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(5)	Y2015XW379	TYPE=ASTEROID,A=27.7982390129 46,E=0.377066737630,I=11.90299622 6724,O=144.219996414290,W=50.207 141607935,M=330.599090927358,EQ UINOX=J2000,EPOCH=01-FEB- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2015 XW379 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(5) Y2015XW379	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 in Visit 05 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 06 - A Search for Centaur and Scattered Disk Binaries within 30 AU

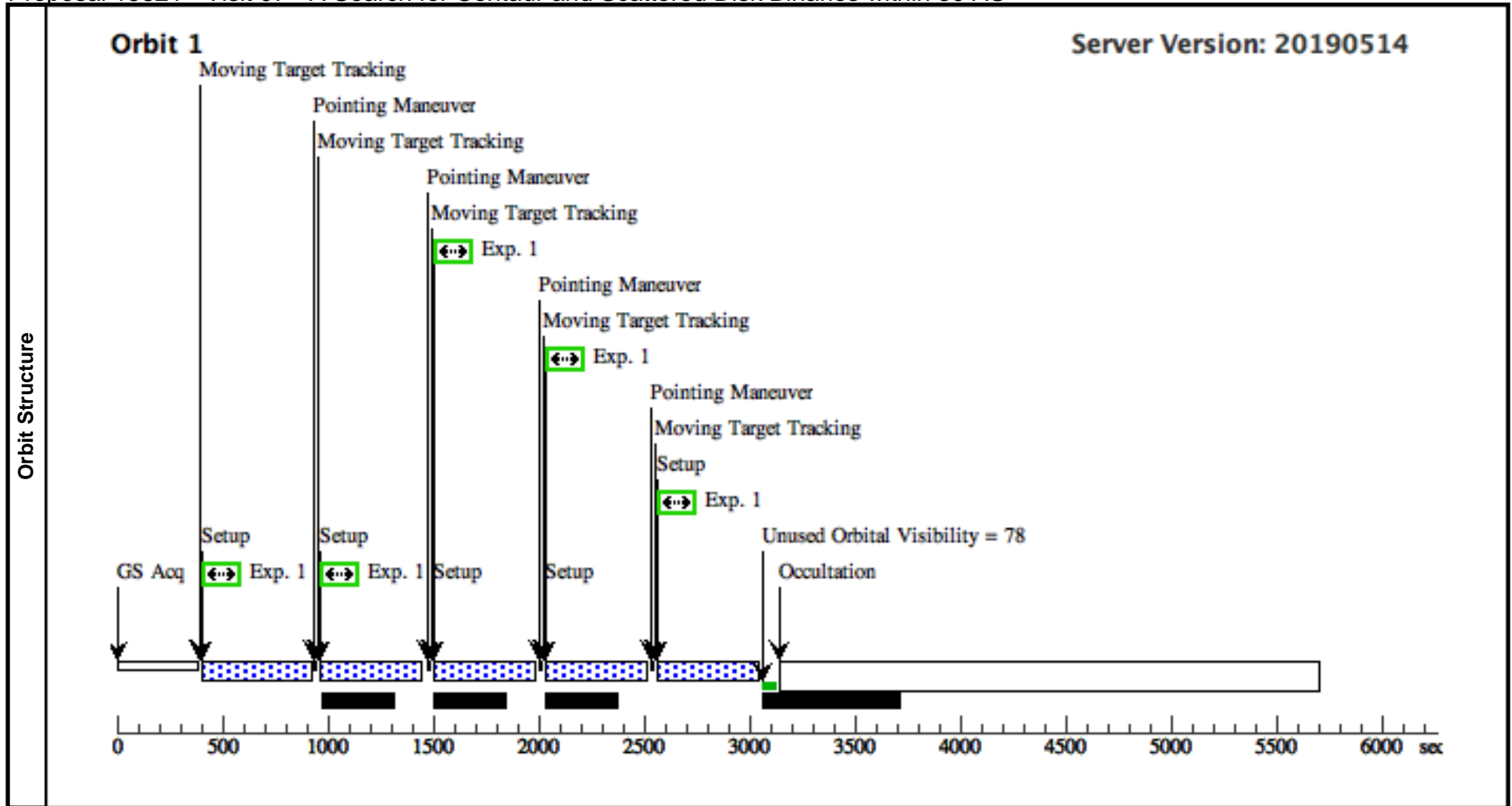
Fri Sep 20 20:00:57 GMT 2019

Visit	Proposal 15821, Visit 06, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-APR-2020:23:59:59 AND 11-AUG-2020:23:59:59										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1)		
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(6)	Y2003HM57	TYPE=ASTEROID,A=42.830696296105,E=0.684626496931,I=10.779257638558,O=14.367193805952,W=293.864368473089,M=353.159449184884,EQUINOX=J2000,EPOCH=12-JUN-2020:23:59:59,EpochTimeScale=UTC					EARTH			
Comments: Description=Minor Planet 2003 HM57 Extended=NO											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(6) Y2003HM57	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 in Visit 06 (1)	370 Secs (1850 Secs)		[1]
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		

Proposal 15821 - Visit 07 - A Search for Centaur and Scattered Disk Binaries within 30 AU

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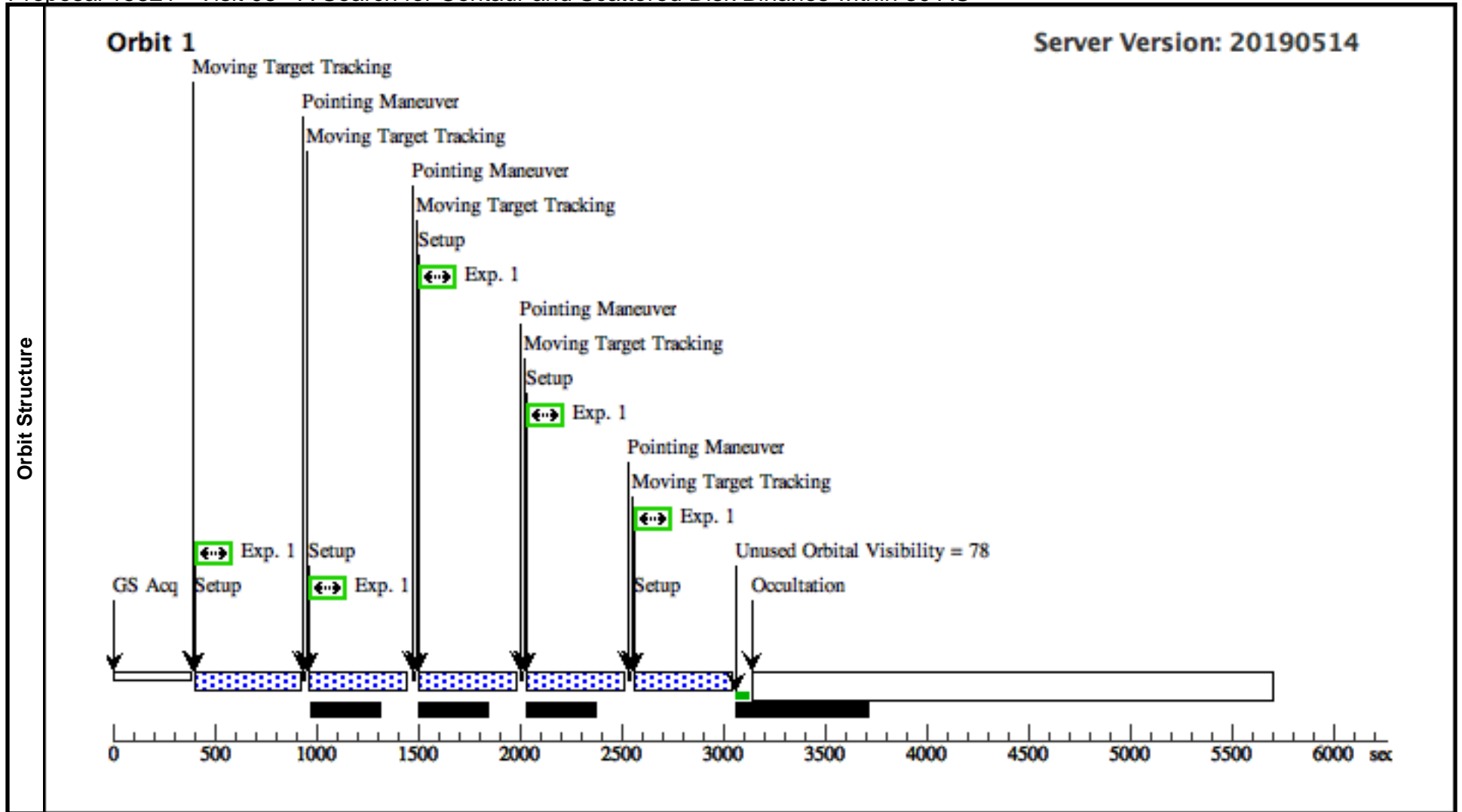
Visit	Proposal 15821, Visit 07, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-MAR-2020:23:59:59 AND 11-JUL-2020:23:59:59										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1)		
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(7)	Y2010KR59	TYPE=ASTEROID,A=30.0306734916 59,E=0.566133822334,I=19.65210521 4993,O=46.811057230354,W=108.717 825871028,M=22.247212961858,EQU INOX=J2000,EPOCH=12-MAY- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
Comments: Description=Minor Planet 2010 KR59 Extended=NO											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(7) Y2010KR59	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 07 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]	[1]	



Proposal 15821 - Visit 08 - A Search for Centaur and Scattered Disk Binaries within 30 AU

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Visit	Proposal 15821, Visit 08, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-AUG-2019:23:59:59 AND 25-DEC-2019:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(8)	Y2010TY53	TYPE=ASTEROID,A=38.8651958829 93,E=0.457453544941,I=22.46215695 2909,O=111.220416371980,W=3.3175 02799281,M=325.585924378669,EQU INOX=J2000,EPOCH=26-OCT- 2019:23:59:59,EpochTimeScale=UTC					EARTH			
	Comments: Description=Minor Planet 2010 TY53 Extended=NO										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(8) Y2010TY53	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 08 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 09 - A Search for Centaur and Scattered Disk Binaries within 30 AU

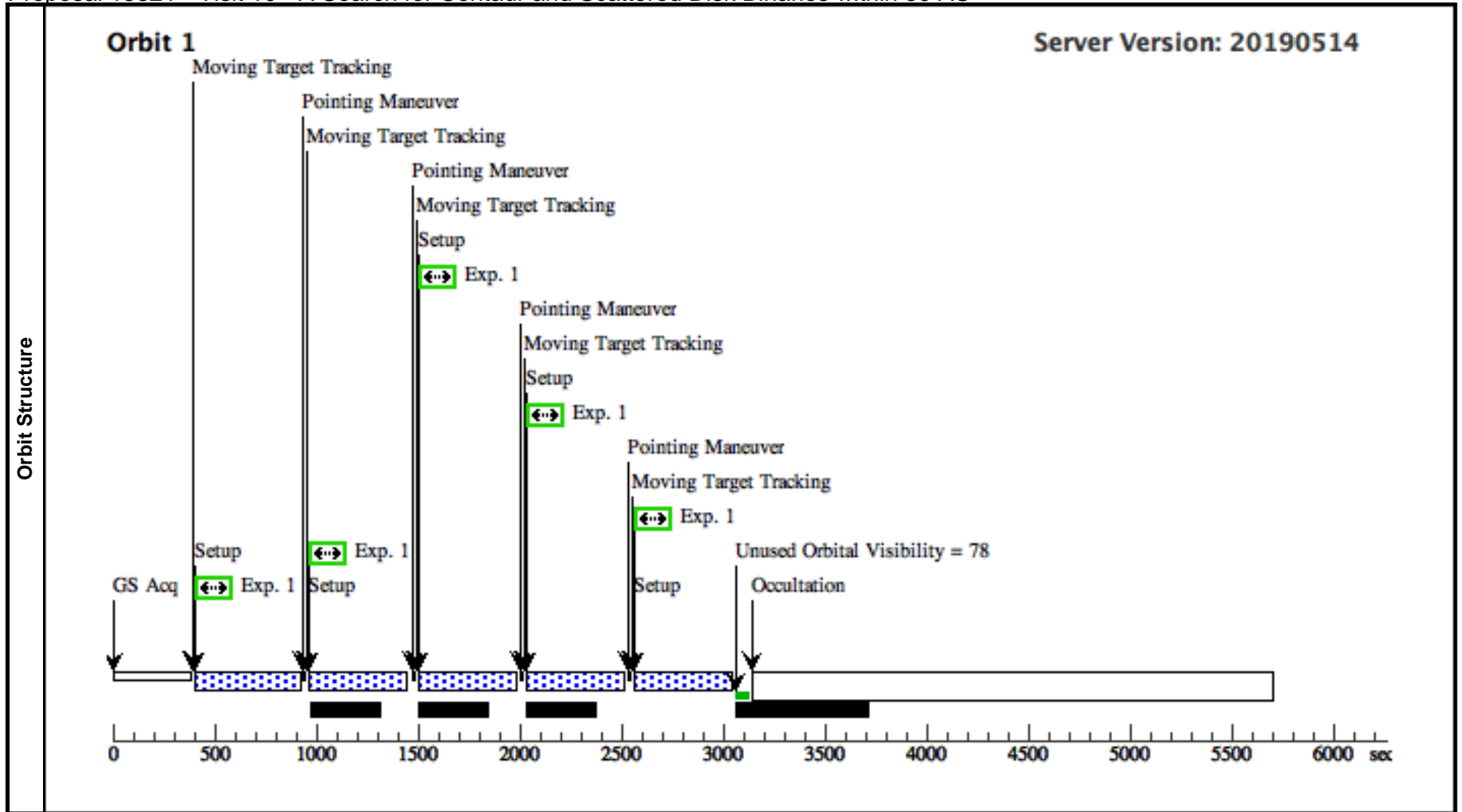
Fri Sep 20 20:00:58 GMT 2019

Visit	Proposal 15821, Visit 09, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 25-MAR-2020:23:59:59 AND 23-JUL-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(9)	Y2002GG166	TYPE=ASTEROID,A=34.9186342603 86,E=0.594894767760,I=7.707339171 707,O=32.997411589339,W=274.8251 60864443,M=344.672471127545,EQU INOX=J2000,EPOCH=24-MAY- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2002 GG166 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(9) Y2002GG166	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 09 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]

Proposal 15821 - Visit 10 - A Search for Centaur and Scattered Disk Binaries within 30 AU

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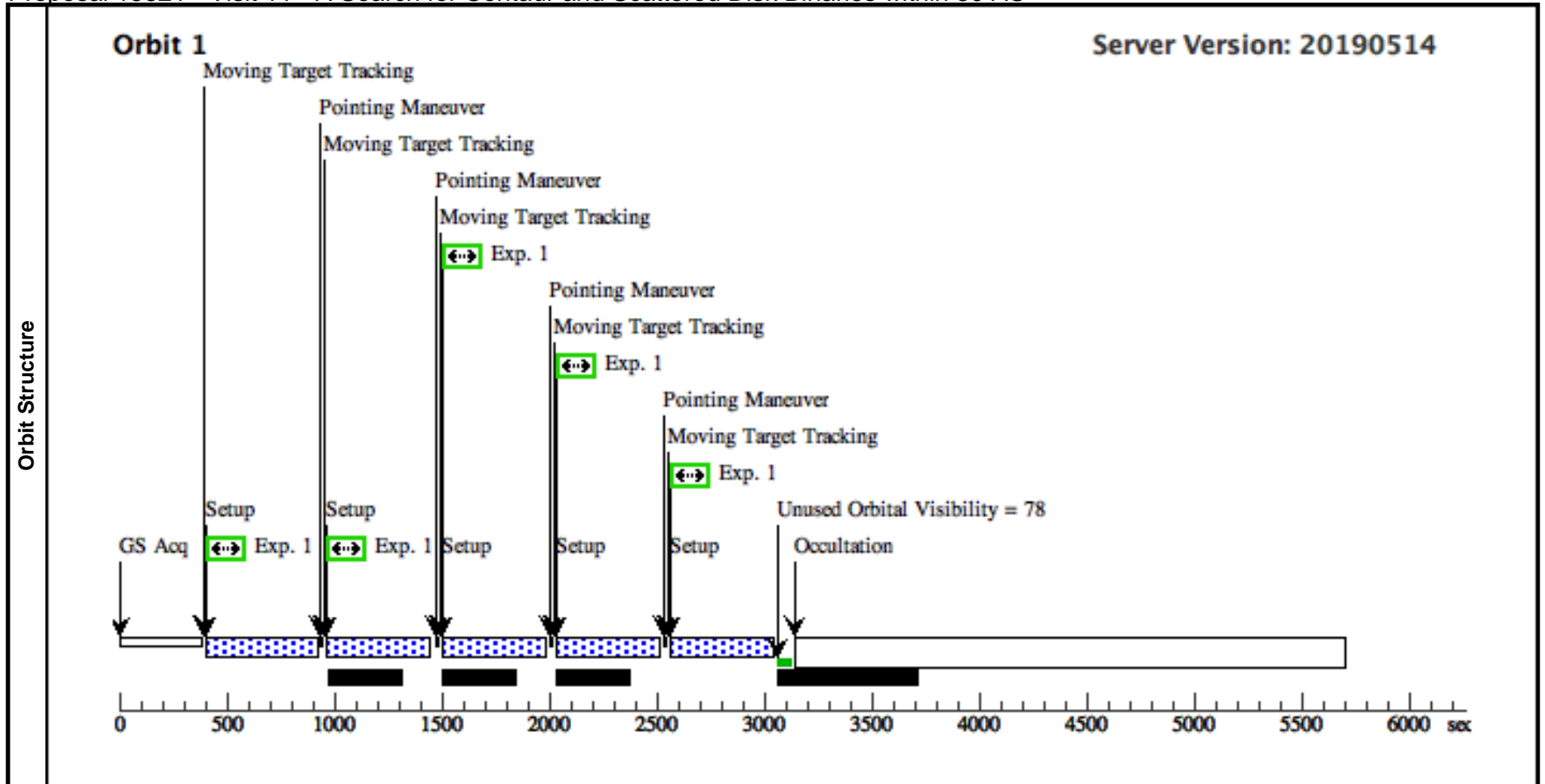
Visit	Proposal 15821, Visit 10, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 29-JUN-2020:23:59:59 AND 27-OCT-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(10)	Y2014LN28	TYPE=ASTEROID,A=36.6781233941 68,E=0.555892356764,I=8.700099402 733,O=197.158735699517,W=158.942 934909148,M=355.152689808187,EQ UINOX=J2000,EPOCH=28-AUG- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2014 LN28 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(10) Y2014LN28	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 10 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 11 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:58 GMT 2019

Visit	Proposal 15821, Visit 11, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-JUL-2020:23:59:59 AND 24-NOV-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(11)	Y2010PL66	TYPE=ASTEROID,A=21.2106486935 70,E=0.380118712843,I=24.28877717 0274,O=8.500723269546,W=96.02374 3017573,M=302.629877444299,EQUI NOX=J2000,EPOCH=25-SEP- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2010 PL66 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(11) Y2010PL66	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 11 (1)	370 Secs (1850 Secs)		
								[=>(Pattern 1)]			[1]
								[=>(Pattern 2)]			
								[=>(Pattern 3)]			
								[=>(Pattern 4)]			
								[=>(Pattern 5)]			



Proposal 15821 - Visit 12 - A Search for Centaur and Scattered Disk Binaries within 30 AU

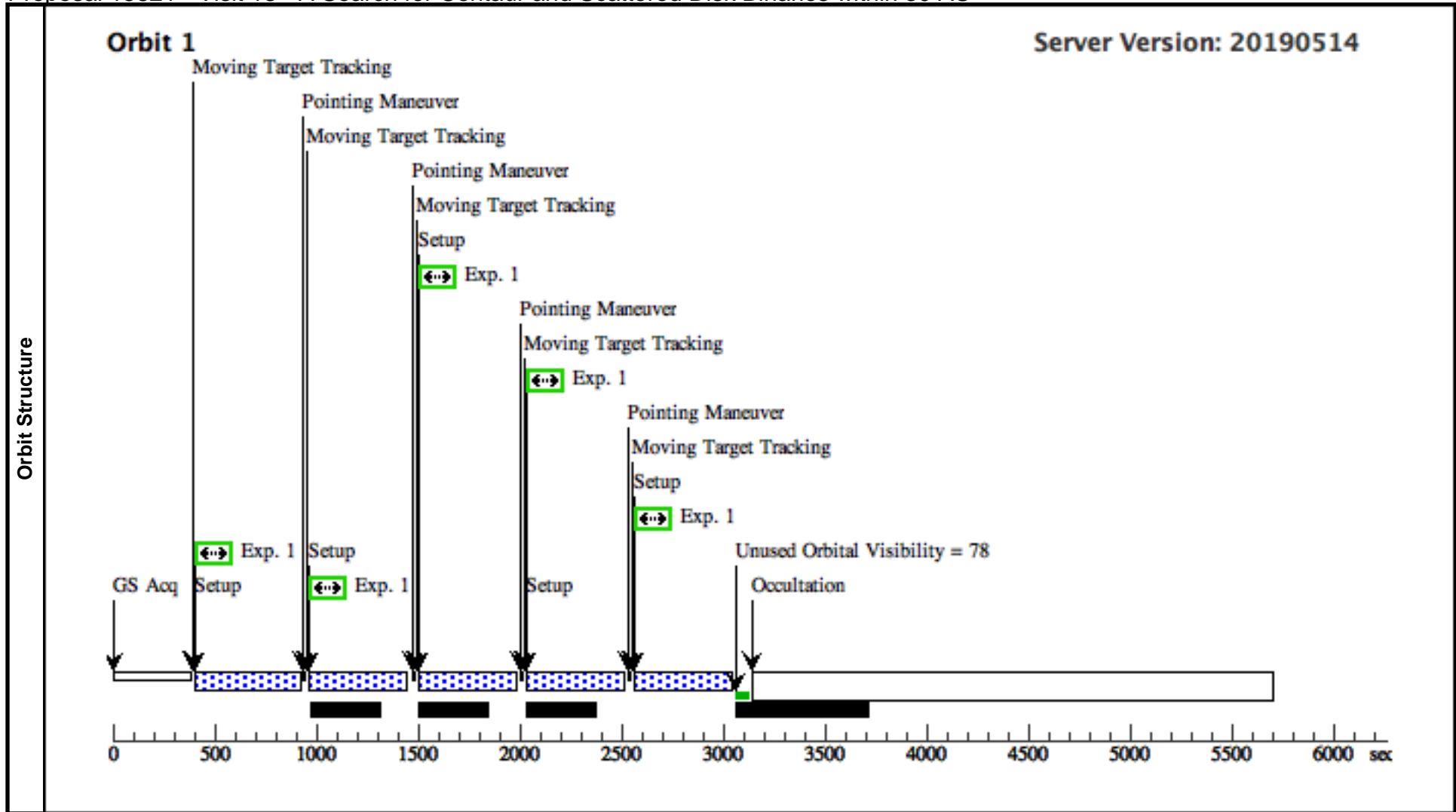
Fri Sep 20 20:00:58 GMT 2019

Visit	Proposal 15821, Visit 12, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 10-DEC-2019:23:59:59 AND 08-APR-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(12)	Y2016AE193	TYPE=ASTEROID,A=30.8245464214 28,E=0.464297887840,I=10.27452411 6860,O=292.414145067506,W=171.17 9558818399,M=12.308323436438,EQ UINOX=J2000,EPOCH=08-FEB- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
	<i>Comments: Description=Minor Planet 2016 AE193 Extended=NO</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(12) Y2016AE193	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 12 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]

Proposal 15821 - Visit 13 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:58 GMT 2019

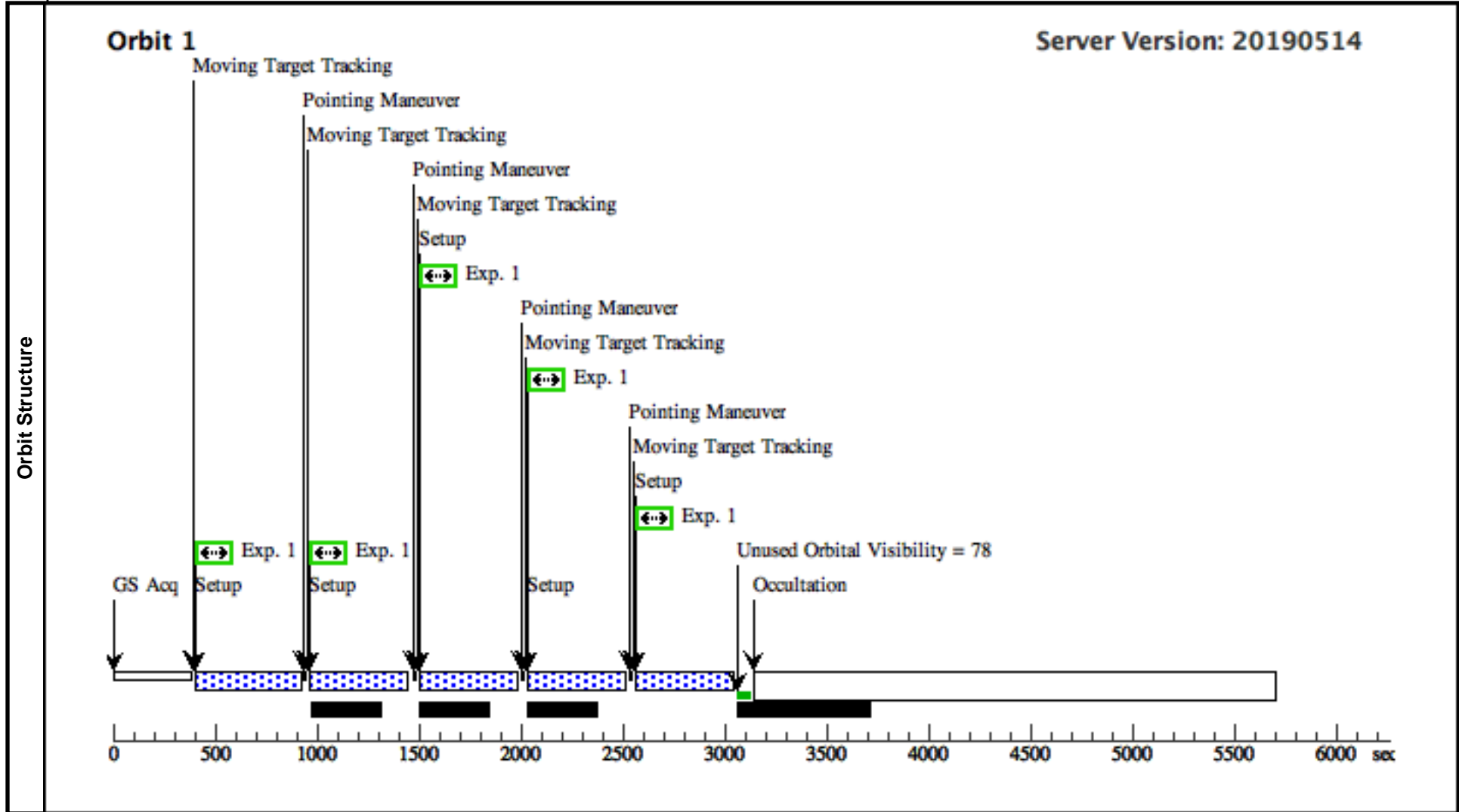
Visit	Proposal 15821, Visit 13, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 09-MAY-2020:23:59:59 AND 06-SEP-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(13)	Y2010LO33	TYPE=ASTEROID,A=23.1338832768 50,E=0.321251927501,I=17.84267741 9488,O=241.095165168051,W=80.996 277316077,M=343.202937763939,EQ UINOX=J2000,EPOCH=08-JUL- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2010 LO33 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(13) Y2010LO33	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 13 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 14 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:58 GMT 2019

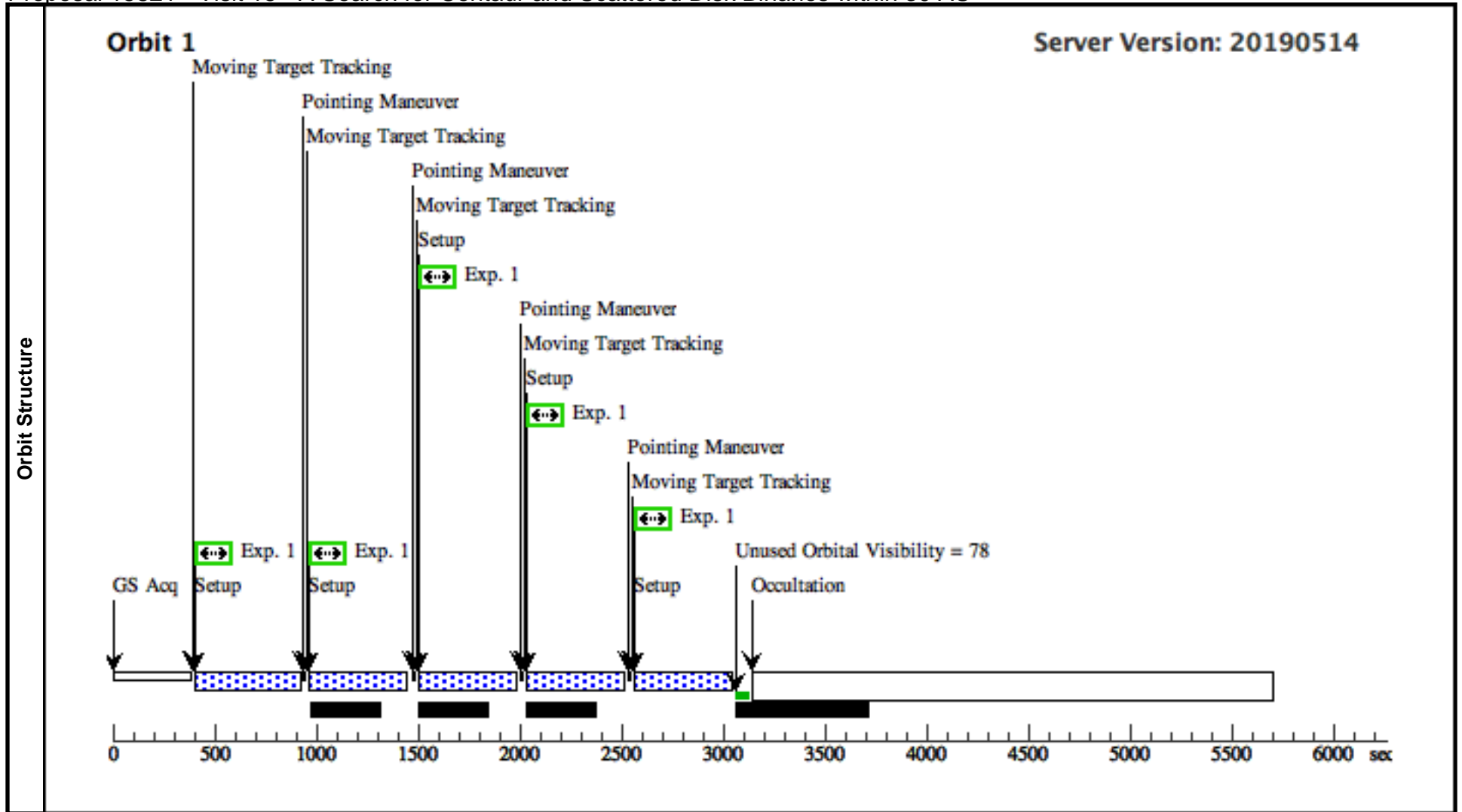
Visit	Proposal 15821, Visit 14, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 03-APR-2020:23:59:59 AND 01-AUG-2020:23:59:59									
	Patterns	#	Primary Pattern		Secondary Pattern		Exposures			
(1)		Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false			(1)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(14)	Y2010GF65	TYPE=ASTEROID,A=33.6332327428 77,E=0.343465116846,I=12.41770967 4080,O=0.544390406515,W=284.7081 11781807,M=344.787451908606,EQU INOX=J2000,EPOCH=02-JUN- 2020:23:59:59,EpochTimeScale=UTC Comments: Description=Minor Planet 2010 GF65 Extended=NO				EARTH			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(14) Y2010GF65	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 14 (1)	370 Secs (1850 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)]	[1]



Proposal 15821 - Visit 15 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:58 GMT 2019

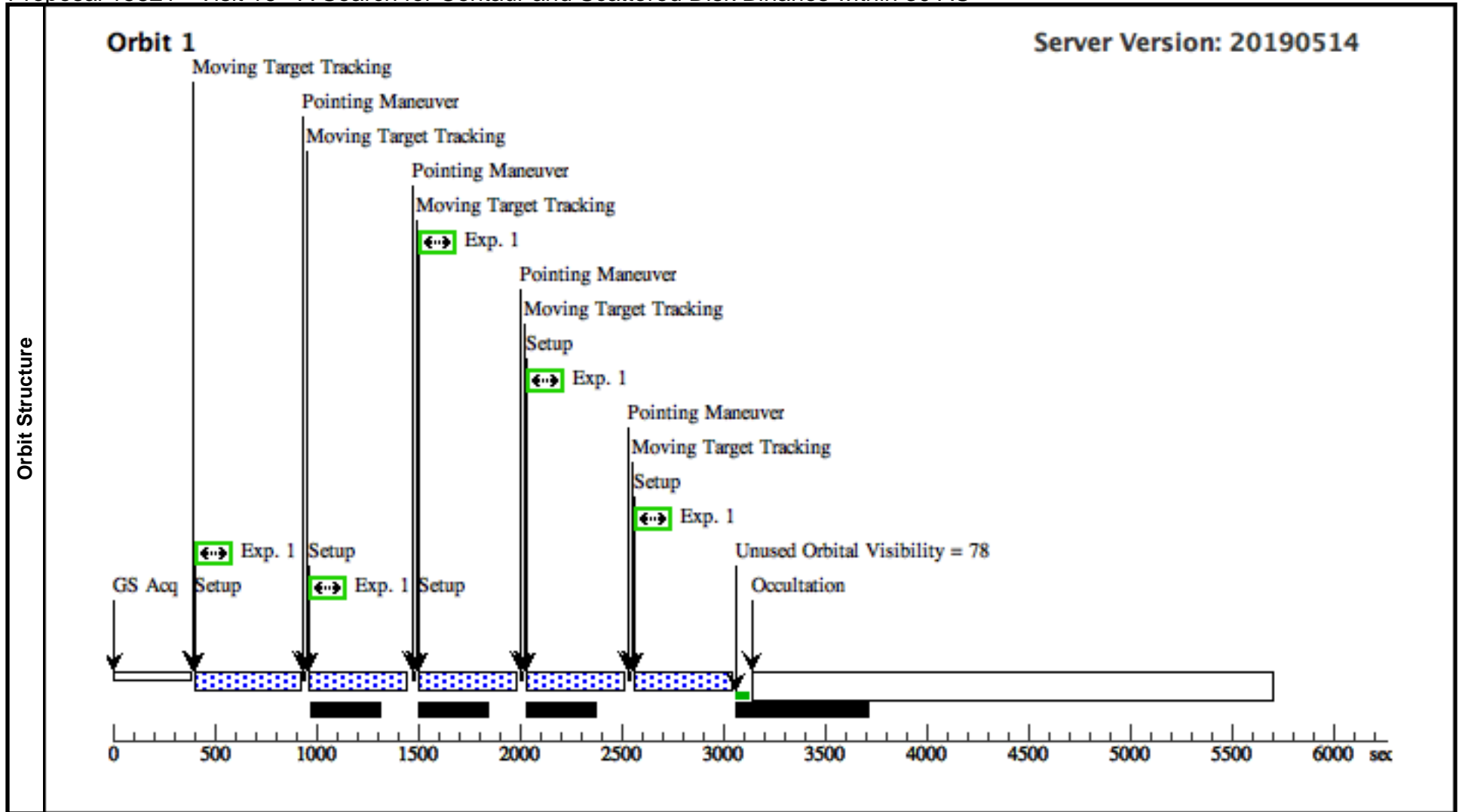
Visit	Proposal 15821, Visit 15, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 04-MAY-2020:23:59:59 AND 01-SEP-2020:23:59:59									
Patterns	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false			(1)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(15)	Y2010GX34	TYPE=ASTEROID,A=29.0962570718 34,E=0.430948733322,I=11.53018650 6240,O=279.170319920634,W=356.85 9526844255.M=2.172543582025,EQU INOX=J2000,EPOCH=03-JUL- 2020:23:59:59,EpochTimeScale=UTC <i>Comments: Description=Minor Planet 2010 GX34</i> <i>Extended=NO</i>				EARTH			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(15) Y2010GX34	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 15 (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



Proposal 15821 - Visit 16 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:58 GMT 2019

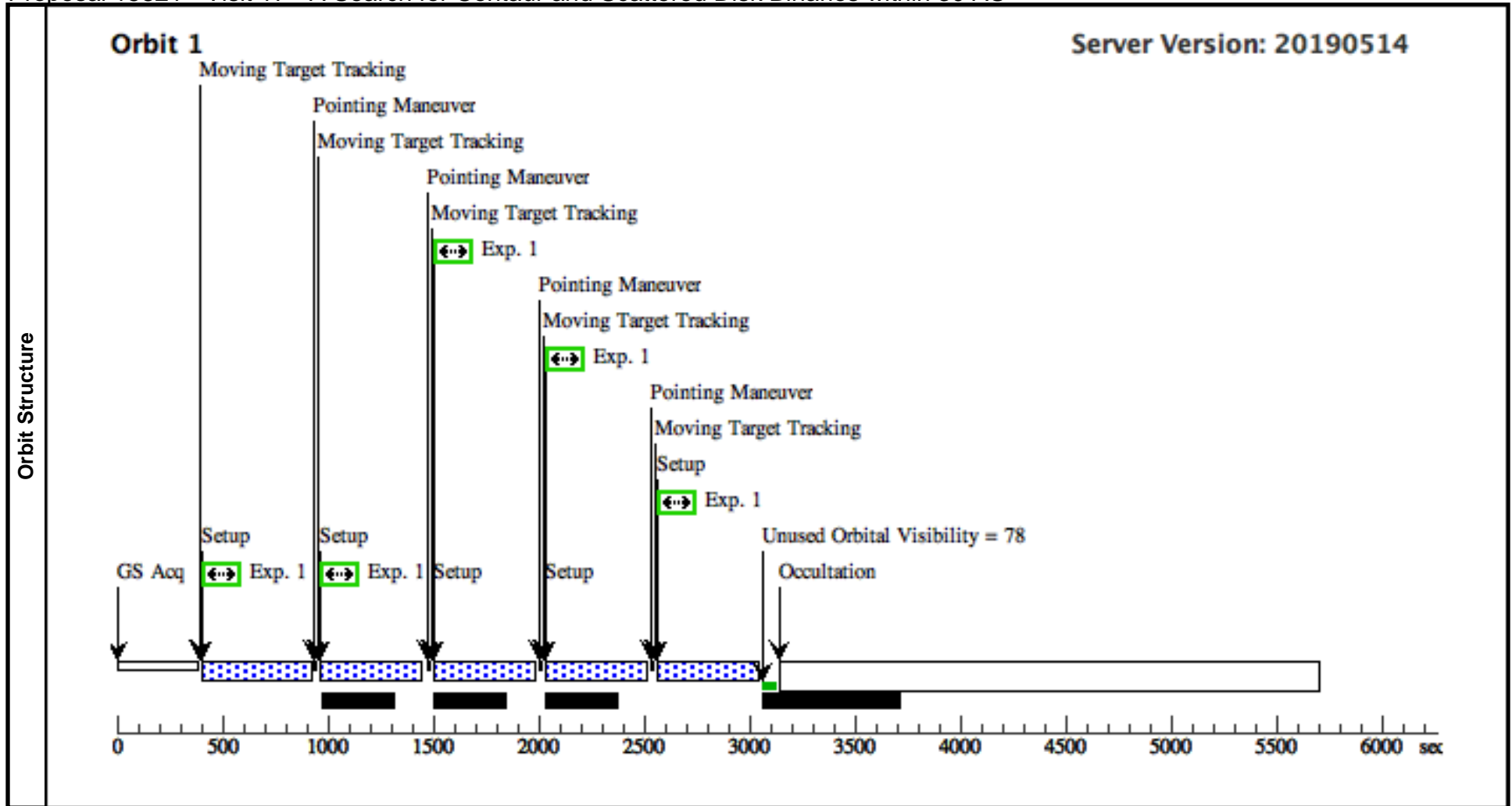
Visit	Proposal 15821, Visit 16, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 19-JUN-2020:23:59:59 AND 17-OCT-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(16)	Y2013TC146	TYPE=ASTEROID,A=25.3879996788 59,E=0.162446287931,I=14.17042901 0044,O=147.509827636695,W=56.305 202198174,M=105.796441428843,EQ UINOX=J2000,EPOCH=18-AUG- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
	<i>Comments: Description=Minor Planet 2013 TC146 Extended=NO</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(16) Y2013TC146	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 16 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 17 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:58 GMT 2019

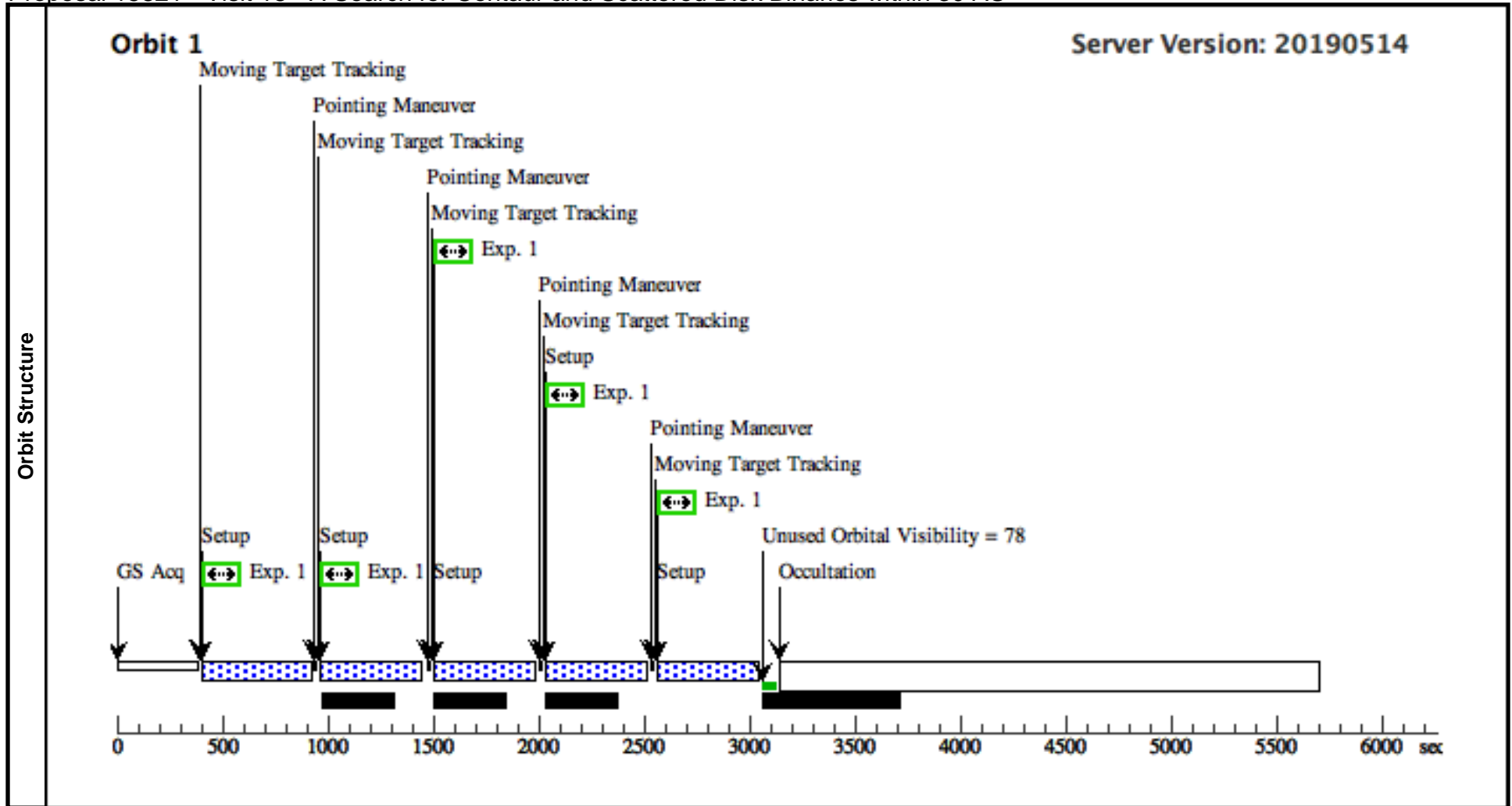
Visit	Proposal 15821, Visit 17, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 27-JUN-2020:23:59:59 AND 25-OCT-2020:23:59:59									
	Patterns	#	Primary Pattern		Secondary Pattern		Exposures			
(1)		Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false			(1)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(17)	Y2013MZ11	TYPE=ASTEROID,A=24.4090324439 11,E=0.308959190507,I=6.363692496 448,O=19.900801891654,W=18.80826 7560839,M=324.233644787526,EQUI NOX=J2000,EPOCH=26-AUG- 2020:23:59:59,EpochTimeScale=UTC Comments: Description=Minor Planet 2013 MZ11 Extended=NO				EARTH			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(17) Y2013MZ11	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 17 (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



Proposal 15821 - Visit 18 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:58 GMT 2019

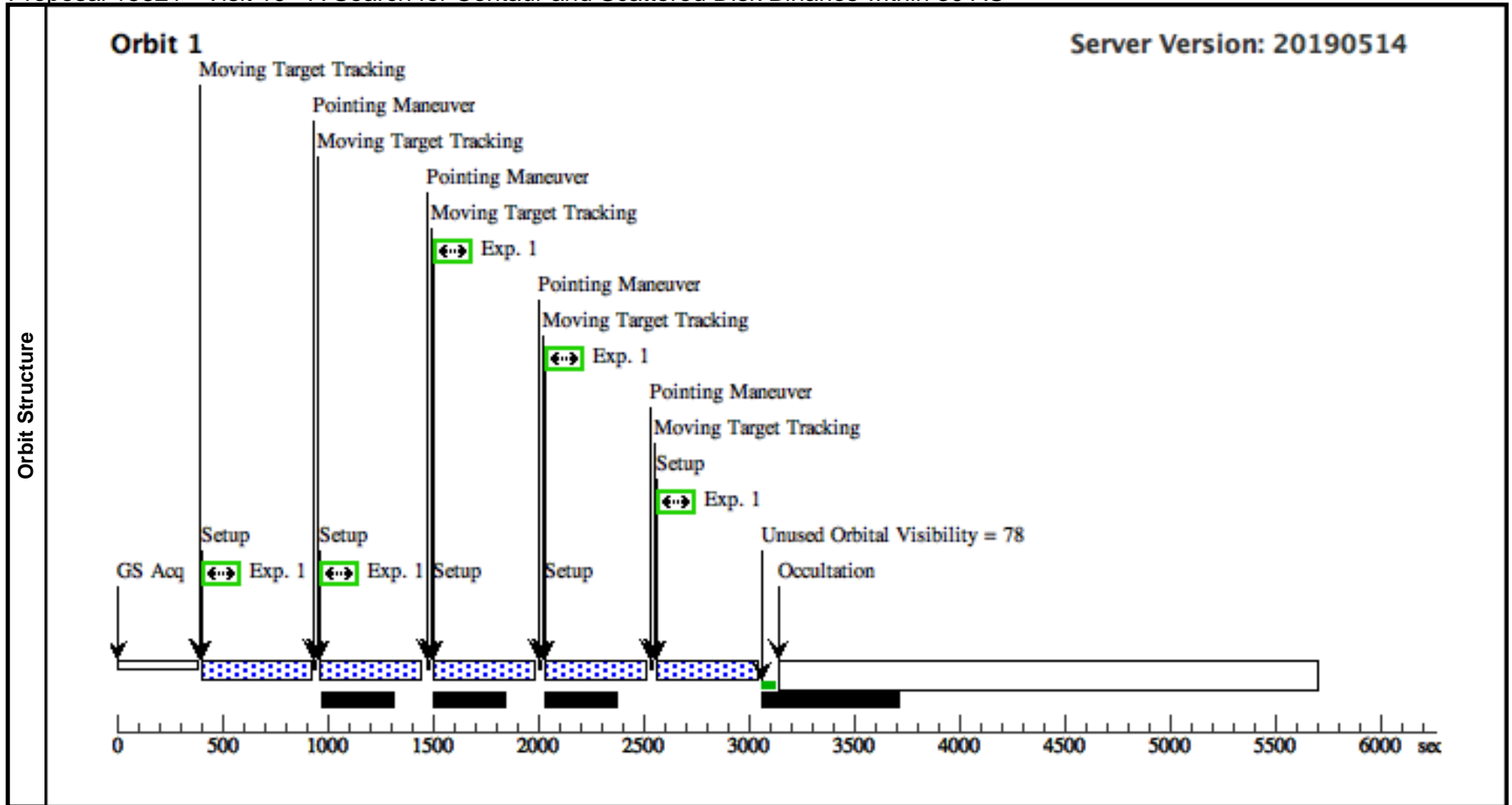
Visit	Proposal 15821, Visit 18, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-APR-2020:23:59:59 AND 15-AUG-2020:23:59:59									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false		(1)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(18)	Y2007JK43	TYPE=ASTEROID,A=46.7525155104 90,E=0.495466410369,I=44.85254995 1731,O=233.566248762103,W=10.837 105362643,M=9.443108539724,EQUI NOX=J2000,EPOCH=16-JUN- 2020:23:59:59,EpochTimeScale=UTC <i>Comments: Description=Minor Planet 2007 JK43 Extended=NO</i>				EARTH			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(18) Y2007JK43	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 in Visit 18 (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



Proposal 15821 - Visit 19 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:58 GMT 2019

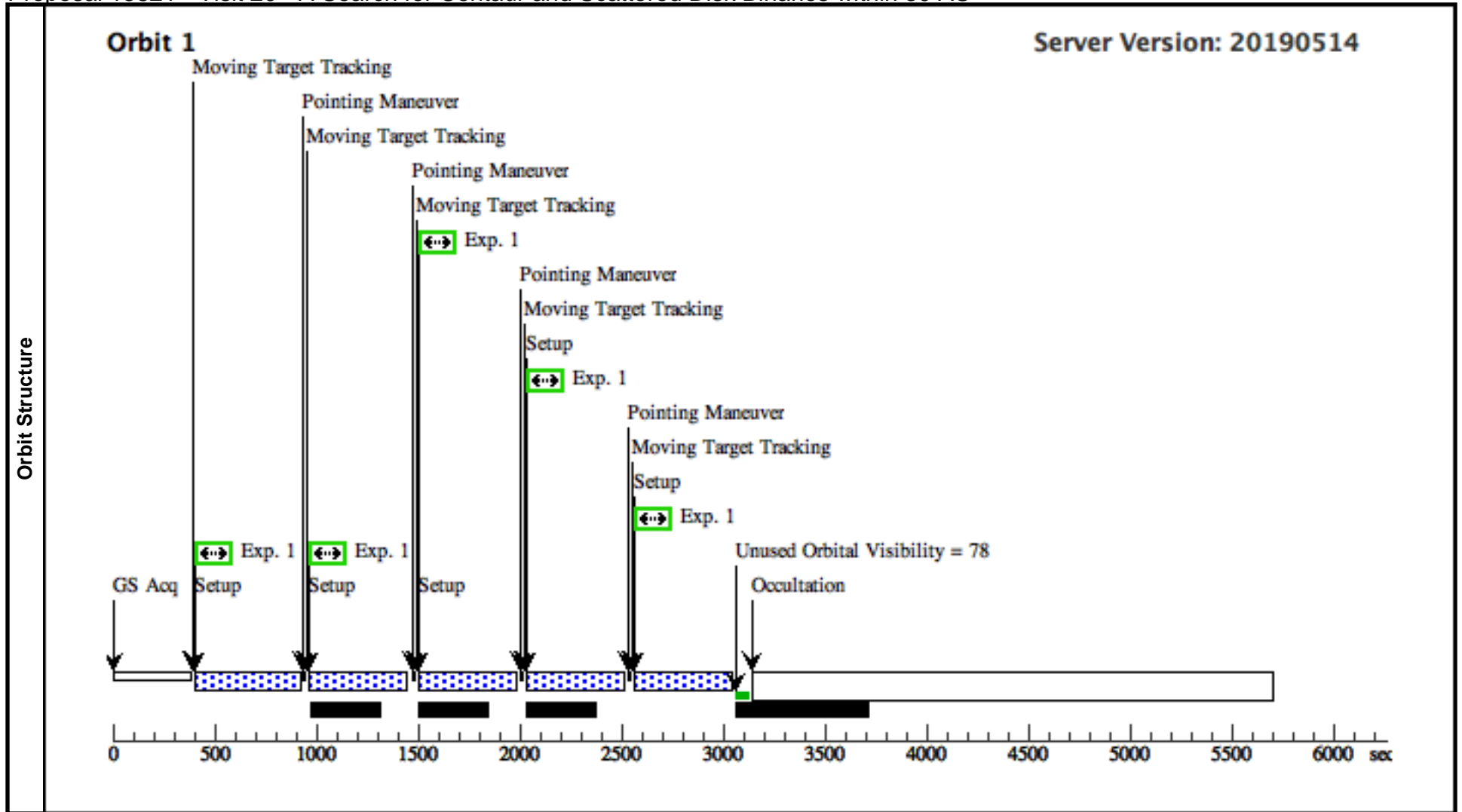
Visit	Proposal 15821, Visit 19, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-OCT-2019:00:00:00 AND 04-FEB-2020:23:59:59									
Patterns	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false			(1)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(19)	Y2014UT114	TYPE=ASTEROID,A=30.0477293363 54,E=0.471288960454,I=15.21365238 0276,O=319.539493060141,W=119.47 2087907567,M=358.314332783270,E QUINOX=J2000,EPOCH=06-DEC- 2019:23:59:59,EpochTimeScale=UTC Comments: Description=Minor Planet 2014 UT114 Extended=NO				EARTH			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(19) Y2014UT114	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 19 (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



Proposal 15821 - Visit 20 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:58 GMT 2019

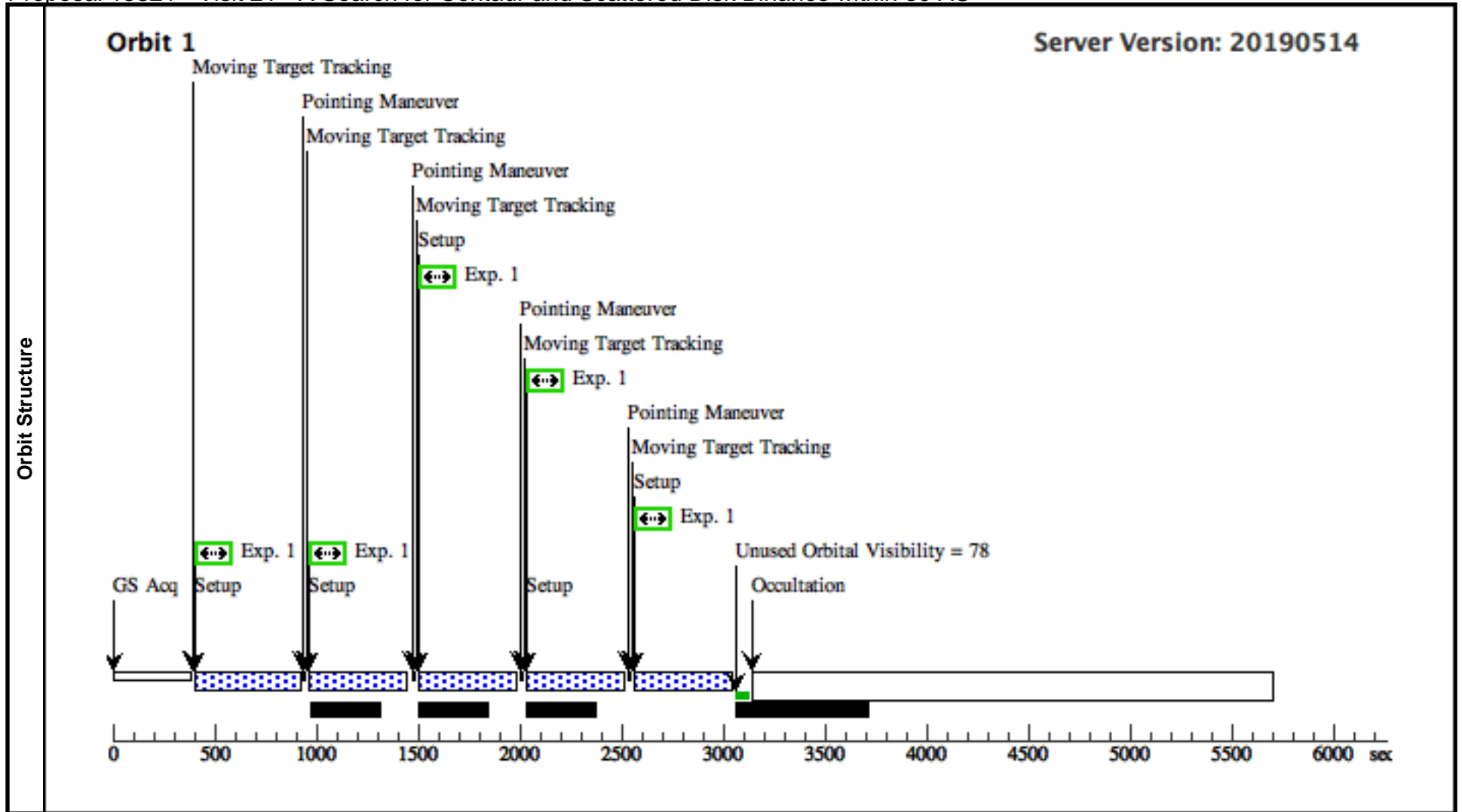
Visit	Proposal 15821, Visit 20, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 20-OCT-2019:23:59:59 AND 17-FEB-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(20)	Y2012VU85	TYPE=ASTEROID,A=29.0852895438 88,E=0.308408509998,I=15.10122767 2142,O=252.596747773352,W=265.67 5502057001,M=320.502615390007,E QUINOX=J2000,EPOCH=19-DEC- 2019:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2012 VU85 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(20) Y2012VU85	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 20 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 21 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:58 GMT 2019

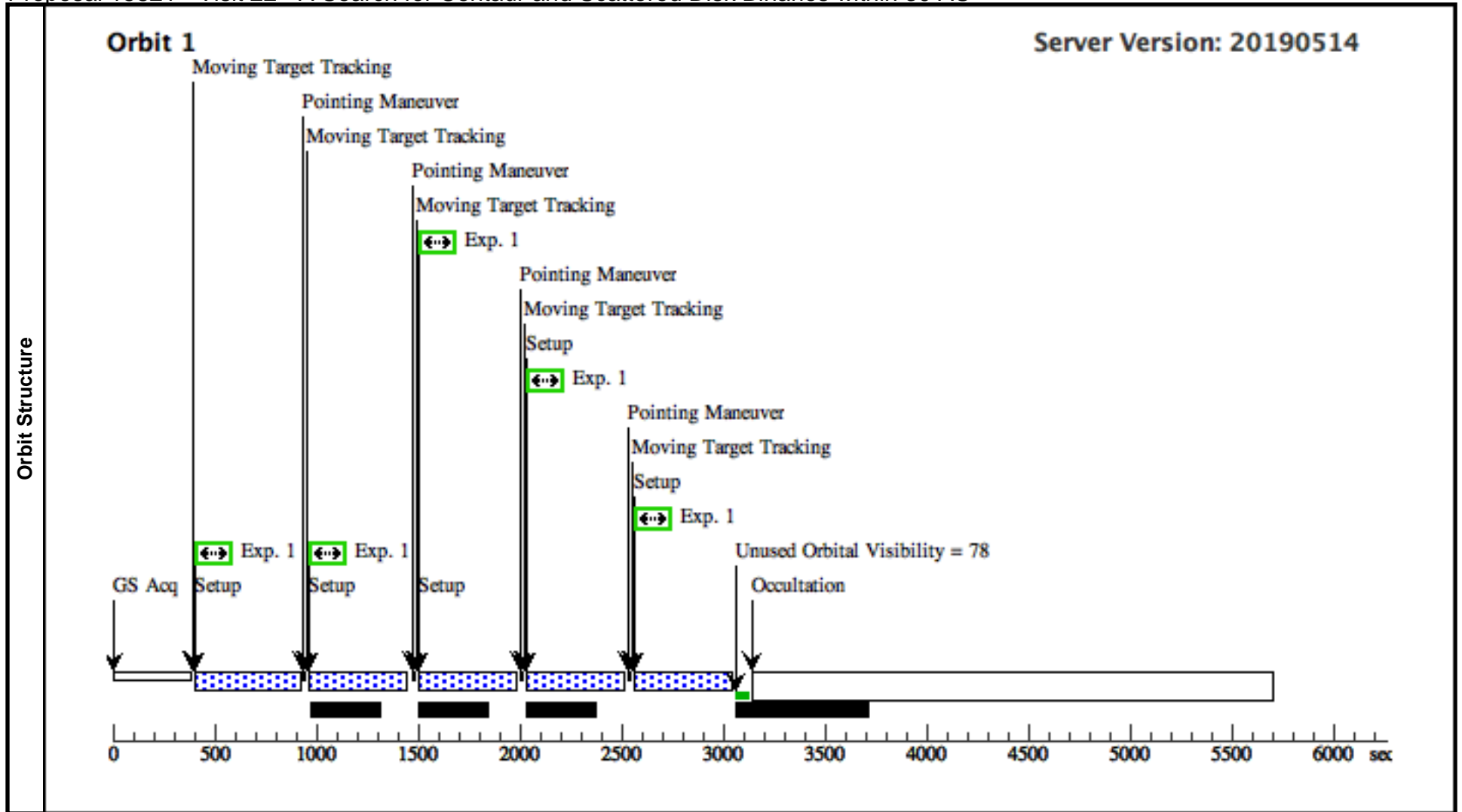
Visit	Proposal 15821, Visit 21, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-AUG-2019:23:59:59 AND 29-NOV-2019:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(21)	Y2013PH44	TYPE=ASTEROID,A=19.683931196135,E=0.211089351571,I=33.496109407213,O=160.844388214407,W=178.138838879706,M=18.588711653567,EQUINOX=J2000,EPOCH=01-OCT-2019:00:00:00,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2013 PH44</i> <i>Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(21) Y2013PH44	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 in Visit 21 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 22 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:58 GMT 2019

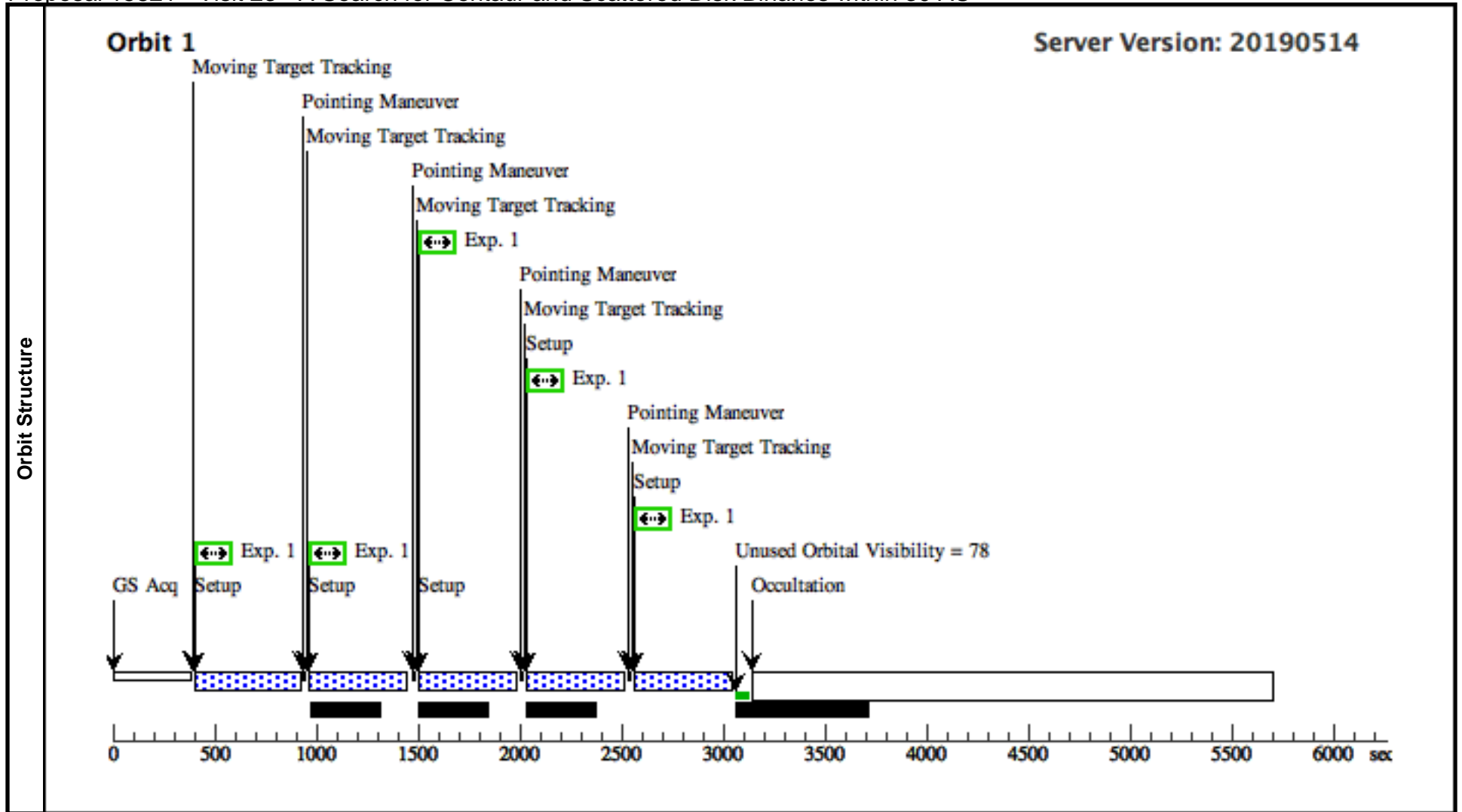
Visit	Proposal 15821, Visit 22, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 22-MAR-2020:23:59:59 AND 20-JUL-2020:23:59:59									
Patterns	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false			(1)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(22)	Y2014FB72	TYPE=ASTEROID,A=23.9236031831 37,E=0.347136693115,I=16.98595360 9674,O=245.246965496929,W=284.59 2388429645.M=36.438228239803,EQ UINOX=J2000,EPOCH=21-MAY- 2020:23:59:59,EpochTimeScale=UTC Comments: Description=Minor Planet 2014 FB72 Extended=NO				EARTH			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(22) Y2014FB72	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 22 (1)	370 Secs (1850 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)]	[1]



Proposal 15821 - Visit 23 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

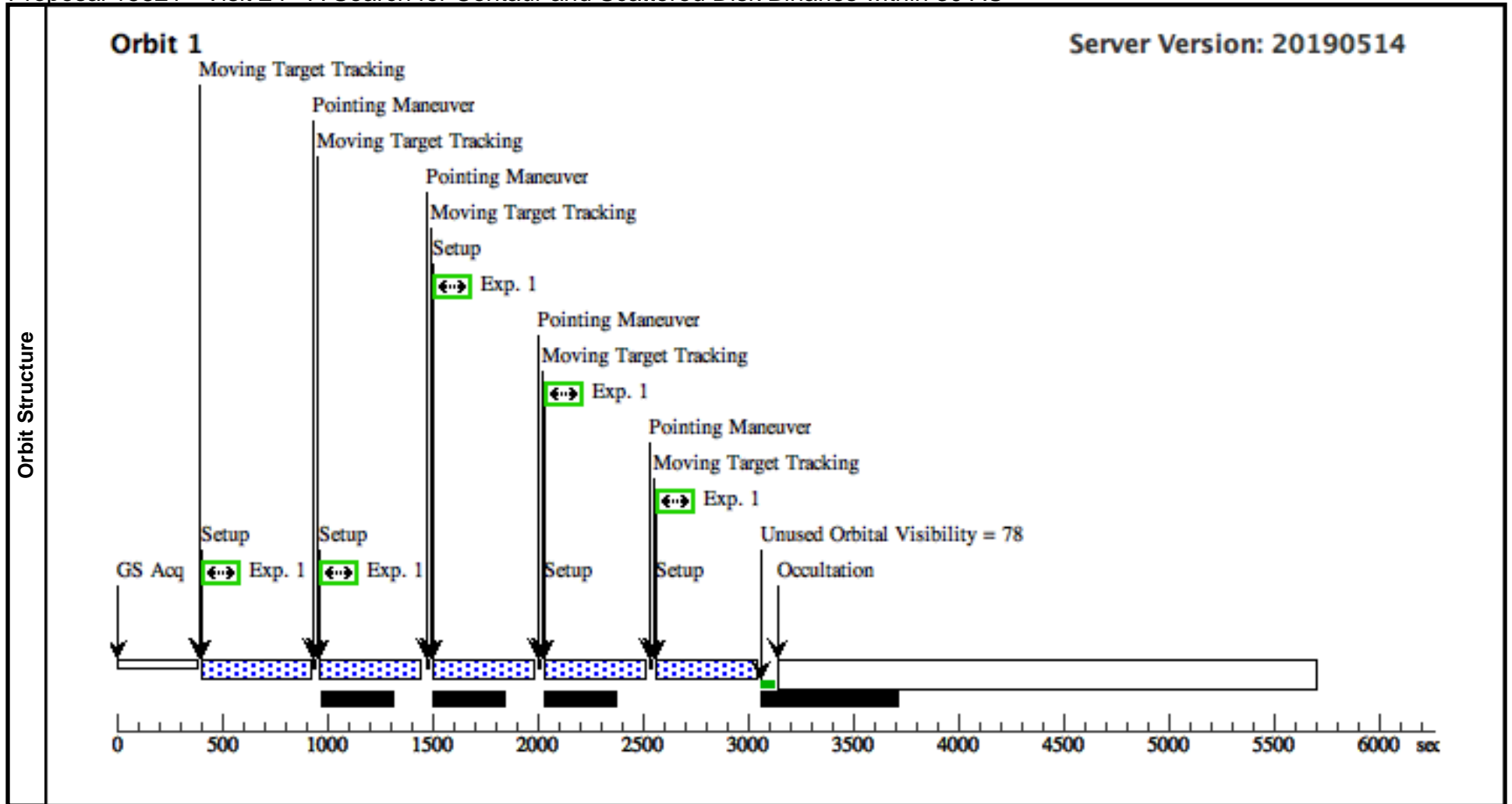
Visit	Proposal 15821, Visit 23, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 11-DEC-2019:23:59:59 AND 09-APR-2020:23:59:59										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1)		
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(23)	Y2019CJ3	TYPE=ASTEROID,A=21.6196839497 97,E=0.223070471257,I=39.68625743 0026,O=140.678013491253,W=325.75 3973939631,M=21.352376858003,EQ UINOX=J2000,EPOCH=09-FEB- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
Comments: Description=Minor Planet 2019 CJ3 Extended=NO											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(23) Y2019CJ3	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 23 (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]		[1]



Proposal 15821 - Visit 24 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

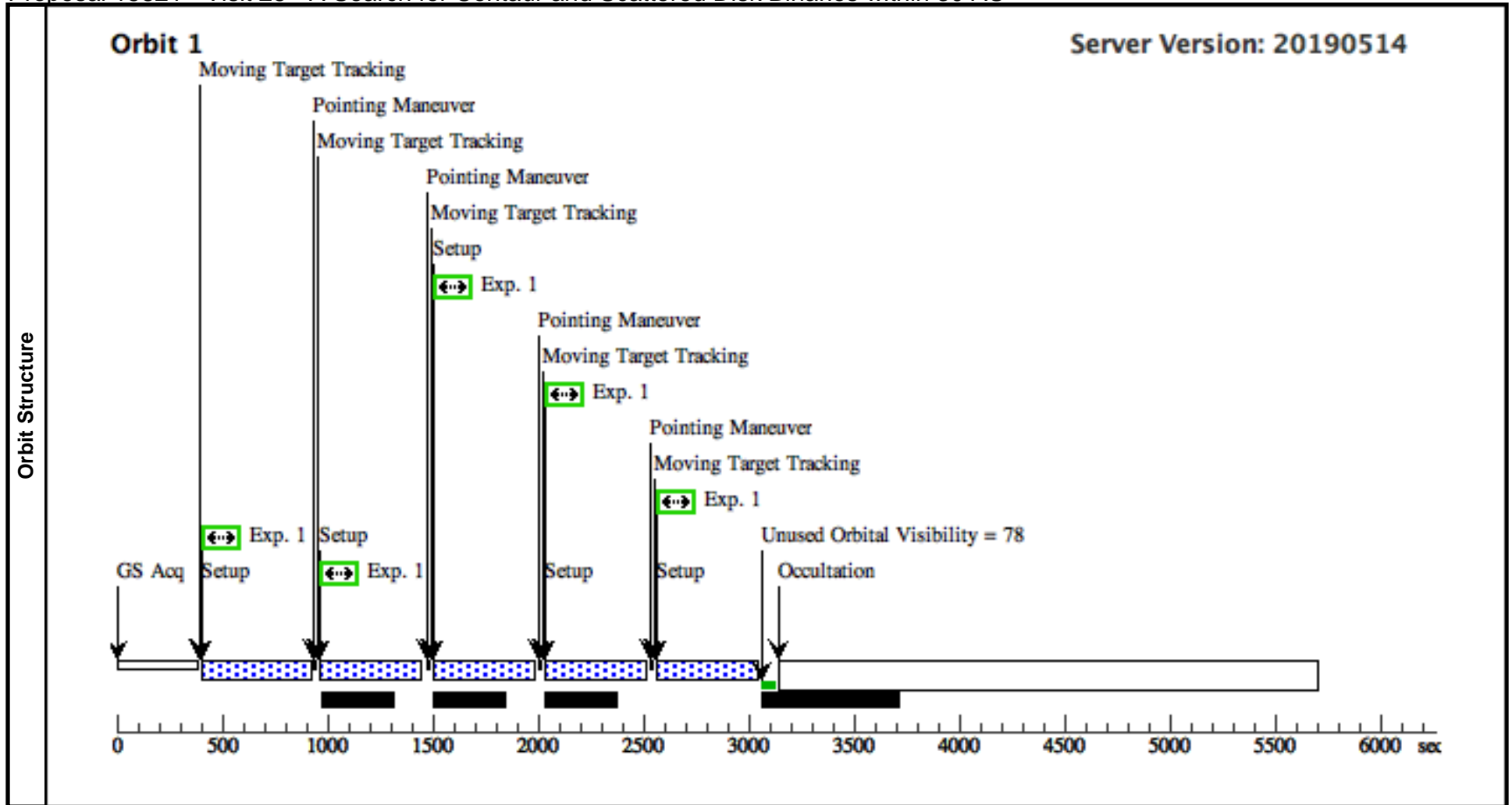
Visit	Proposal 15821, Visit 24, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-MAY-2020:23:59:59 AND 10-SEP-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false					(1)		
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(24)	AMYCUS	TYPE=ASTEROID,A=25.1999963205 50,E=0.393748859202,I=13.31261640 4873,O=315.571341326203,W=239.86 6226608939,M=49.441883052312,EQ UINOX=J2000,EPOCH=12-JUL- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
	<i>Comments: Description=Minor Planet Amycus Extended=NO</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(24) AMYCUS	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 in Visit 24 (1)	370 Secs (1850 Secs)		[1]
									[=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]		



Proposal 15821 - Visit 25 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

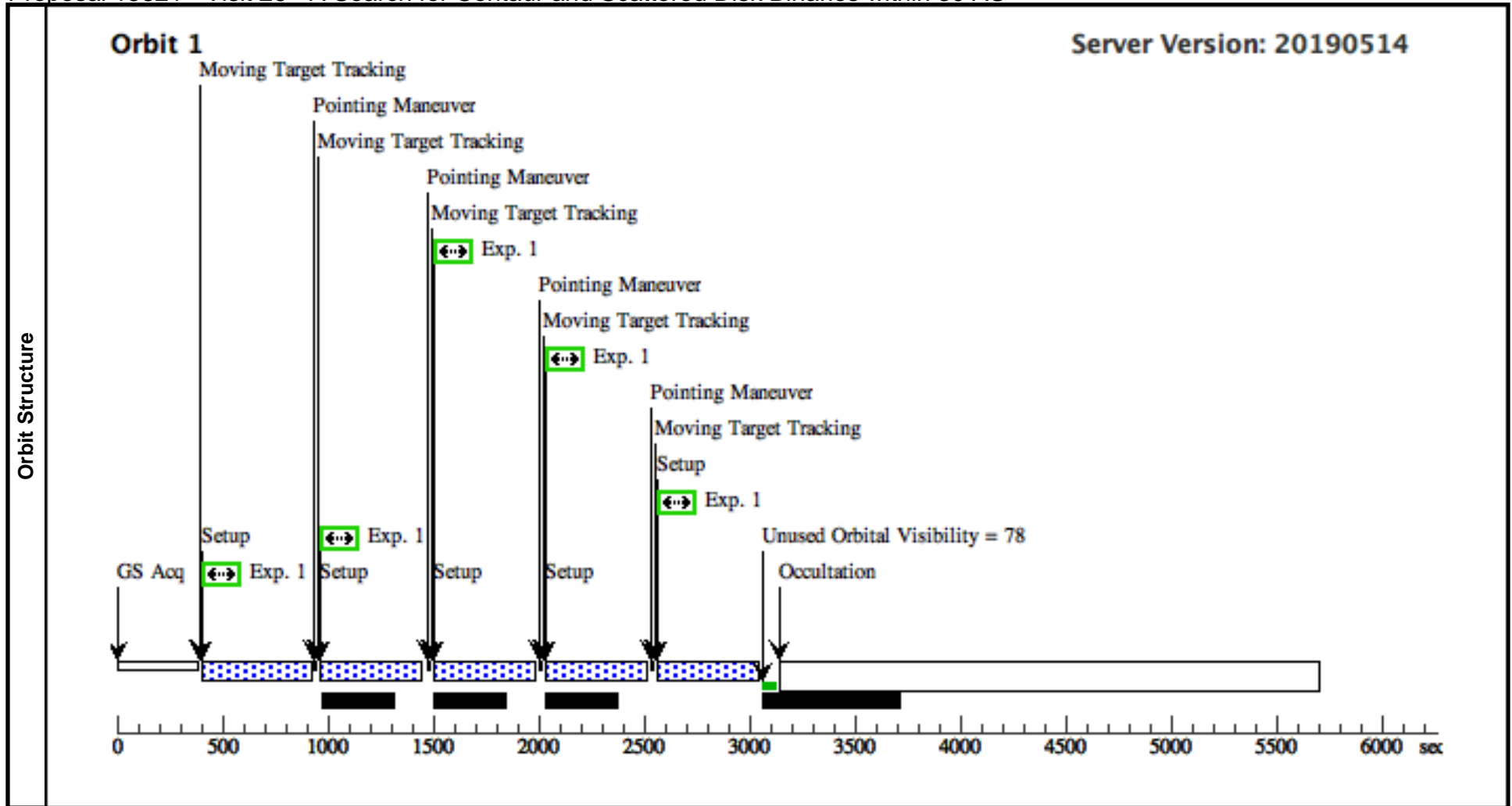
Visit	Proposal 15821, Visit 25, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-APR-2020:23:59:59 AND 15-AUG-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(25)	Y2010EO65	TYPE=ASTEROID,A=25.3178063507 62,E=0.446050857293,I=11.35033913 7002,O=315.663108962185,W=271.39 6724241948,M=13.822105593900,EQ UINOX=J2000,EPOCH=16-JUN- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2010 EO65 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(25) Y2010EO65	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 25 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 26 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

Visit	Proposal 15821, Visit 26, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 10-SEP-2019:23:59:59 AND 08-JAN-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(26)	Y2011UD63	TYPE=ASTEROID,A=16.2658346287 25,E=0.317716223499,I=10.72534984 7914,O=298.902382007871,W=231.68 9091939700,M=271.504029040152,E QUINOX=J2000,EPOCH=09-NOV- 2019:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2011 UD63 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(26) Y2011UD63	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 26 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 27 - A Search for Centaur and Scattered Disk Binaries within 30 AU

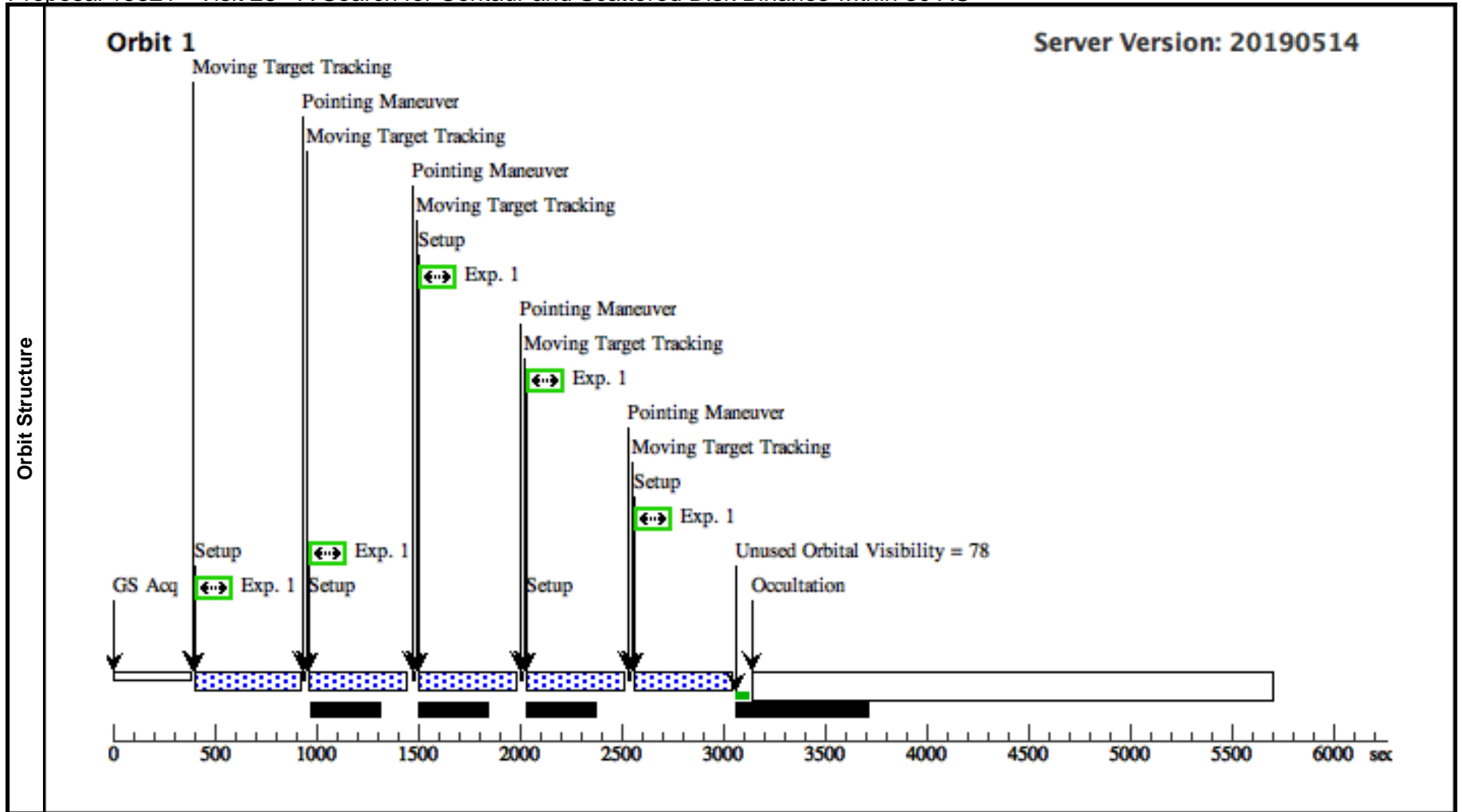
Fri Sep 20 20:00:59 GMT 2019

Visit	Proposal 15821, Visit 27, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-MAR-2020:23:59:59 AND 05-JUL-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(27)	Y2011FX62	TYPE=ASTEROID,A=48.1026710091 81,E=0.575325909941,I=18.25606243 0827,O=288.432936482115,W=233.21 0501616022,M=16.198929898441,EQ UINOX=J2000,EPOCH=06-MAY- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2011 FX62 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(27) Y2011FX62	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 27 (1)	370 Secs (1850 Secs)		
								[=>(Pattern 1)]			
								[=>(Pattern 2)]			
								[=>(Pattern 3)]			
								[=>(Pattern 4)]			
								[=>(Pattern 5)]		[1]	

Proposal 15821 - Visit 28 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

Visit	Proposal 15821, Visit 28, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 22-MAR-2020:23:59:59 AND 20-JUL-2020:23:59:59										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false						(1)		
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(28)	Y2014CN23	TYPE=ASTEROID,A=16.3960297907 74,E=0.306293213083,I=14.13866219 1986,O=359.857754908041,W=10.914 970798760,M=262.403215783963,EQ UINOX=J2000,EPOCH=21-MAY- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
<i>Comments: Description=Minor Planet 2014 CN23 Extended=NO</i>											
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(28) Y2014CN23	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 28 (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]		[1]



Proposal 15821 - Visit 29 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

Visit	Proposal 15821, Visit 29, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 12-FEB-2020:23:59:59 AND 11-JUN-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(29)	Y2013FN28	TYPE=ASTEROID,A=35.4997881496 44,E=0.427426880984,I=8.653057753 675,O=299.336932583067,W=250.906 296421487,M=4.515564353606,EQUI NOX=J2000,EPOCH=12-APR- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2013 FN28 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(29) Y2013FN28	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 29 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]

Proposal 15821 - Visit 30 - A Search for Centaur and Scattered Disk Binaries within 30 AU

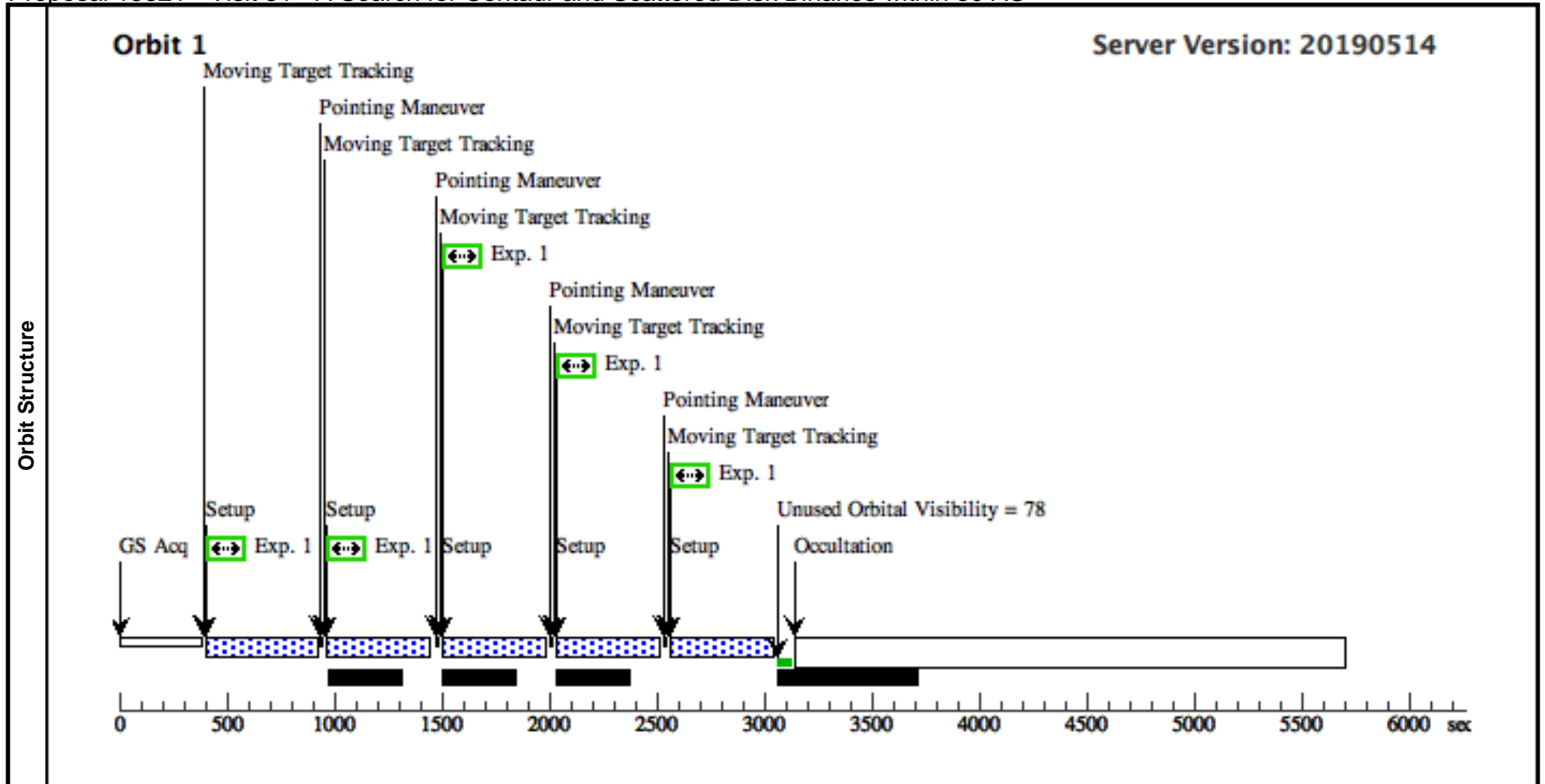
Fri Sep 20 20:00:59 GMT 2019

Visit	Proposal 15821, Visit 30, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 24-AUG-2019:23:59:59 AND 22-DEC-2019:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(30)	Y2014QV441	TYPE=ASTEROID,A=31.5864781609 77,E=0.404895106107,I=26.47667702 3703,O=159.144206759333,W=234.21 4907074511,M=0.239223810948,EQU INOX=J2000,EPOCH=23-OCT- 2019:23:59:59,EpochTimeScale=UTC					EARTH			
	<i>Comments: Description=Minor Planet 2014 QV441 Extended=NO</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(30) Y2014QV441	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 30 (1)	370 Secs (1850 Secs)		
								[==>(Pattern 1)]			
								[==>(Pattern 2)]			
								[==>(Pattern 3)]			
								[==>(Pattern 4)]			
								[==>(Pattern 5)]		[1]	

Proposal 15821 - Visit 31 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

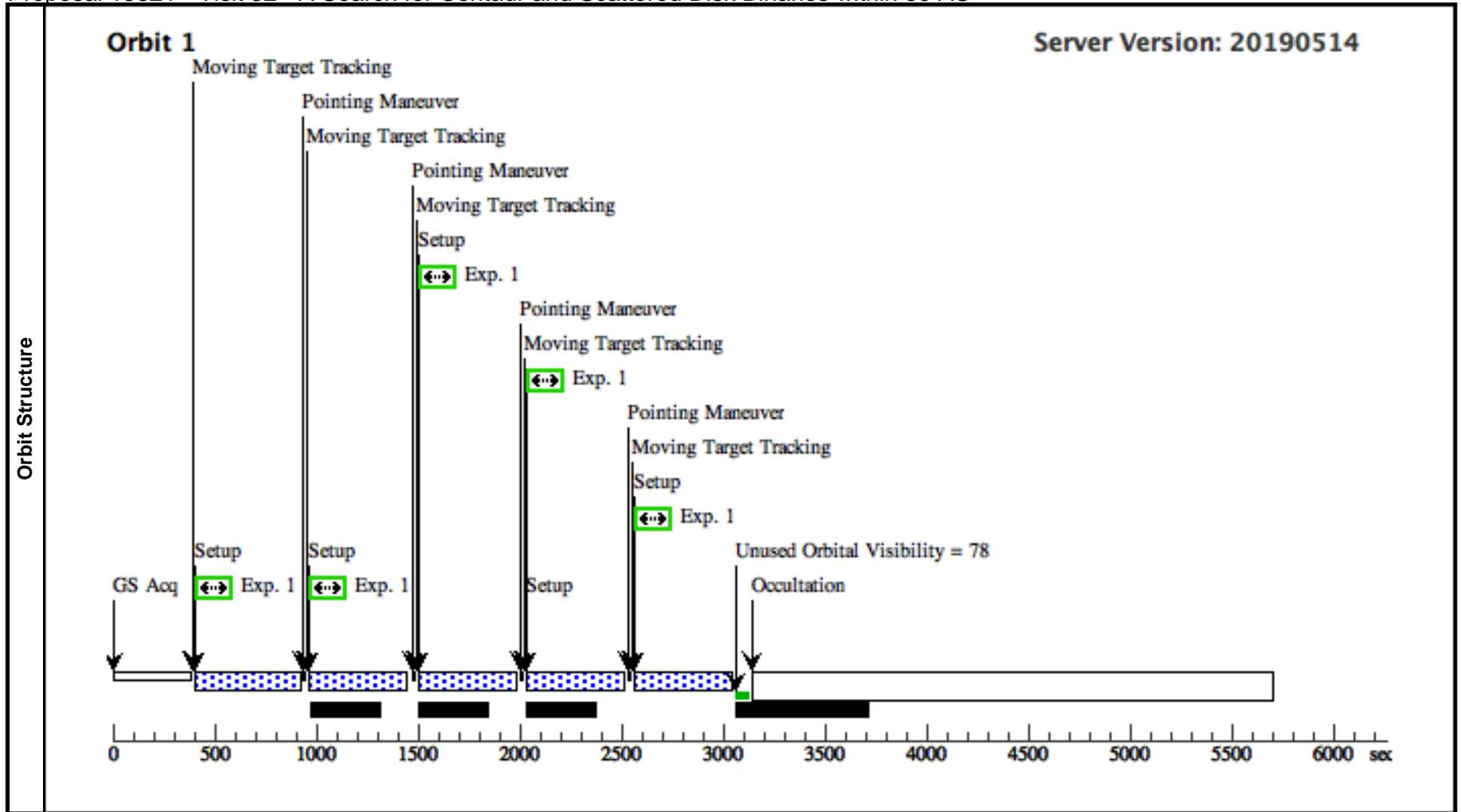
Visit	Proposal 15821, Visit 31, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 11-FEB-2020:23:59:59 AND 10-JUN-2020:23:59:59									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false		(1)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(31)	Y2010FB49	TYPE=ASTEROID,A=22.5535138641 56,E=0.194831580790,I=24.39569763 3012,O=184.891295572275,W=170.56 0743058757,M=219.885074003721,E QUINOX=J2000,EPOCH=11-APR- 2020:23:59:59,EpochTimeScale=UTC <i>Comments: Description=Minor Planet 2010 FB49</i> <i>Extended=NO</i>				EARTH			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(31) Y2010FB49	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 31 (1)	370 Secs (1850 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)]	[1]



Proposal 15821 - Visit 32 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

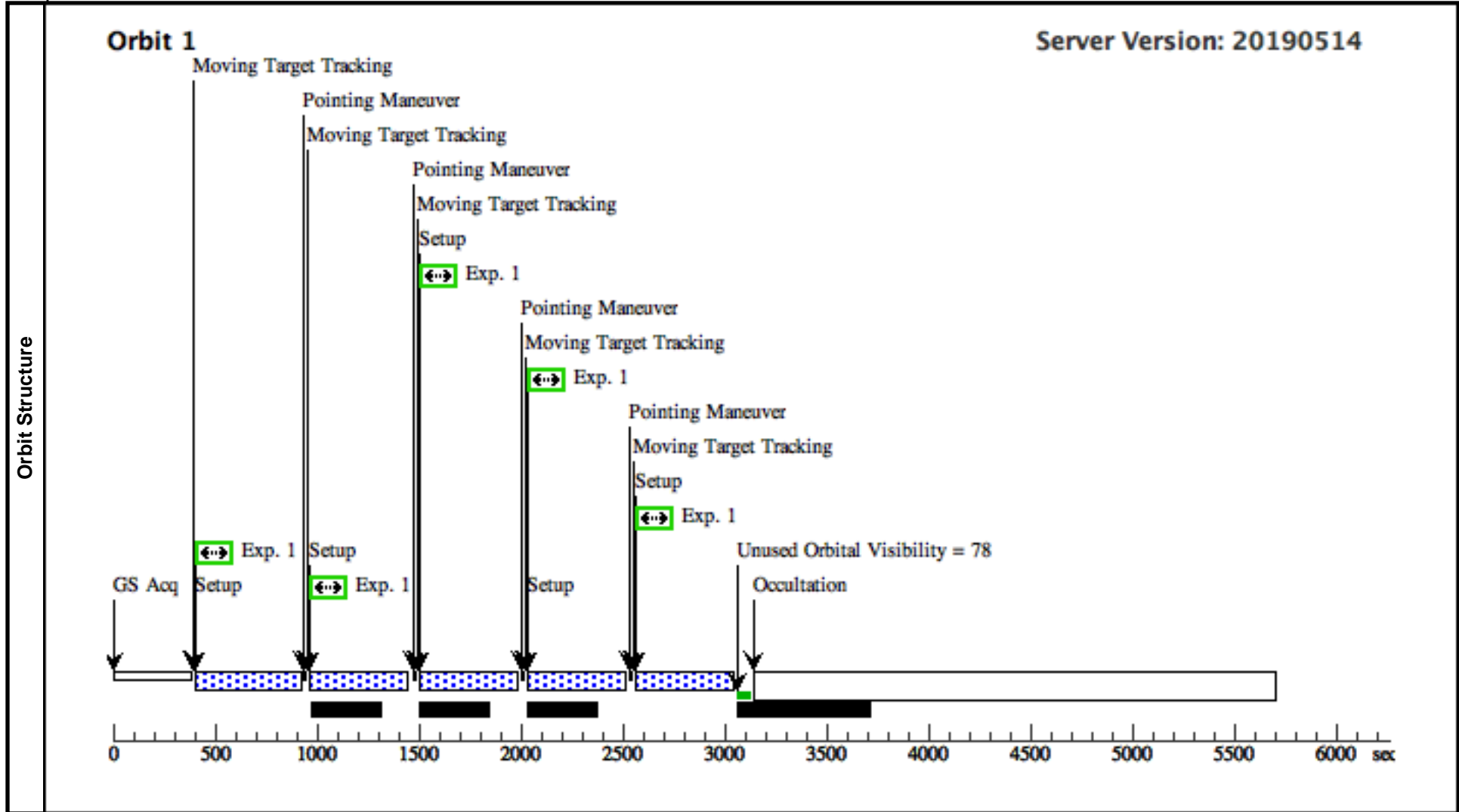
Visit	Proposal 15821, Visit 32, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 20-JUL-2020:23:59:59 AND 17-NOV-2020:23:59:59										
	Patterns	#	Primary Pattern				Secondary Pattern			Exposures	
(1)		Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)	
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(32)	Y2011OD16	TYPE=ASTEROID,A=23.9658478406 46,E=0.185022724734,I=6.292287851 656,O=166.065900397195,W=200.861 953994792,M=353.029695138805,EQ UINOX=J2000,EPOCH=18-SEP- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
		Comments: Description=Minor Planet 2011 OD16 Extended=NO									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(32) Y2011OD16	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 in Visit 32 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 33 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

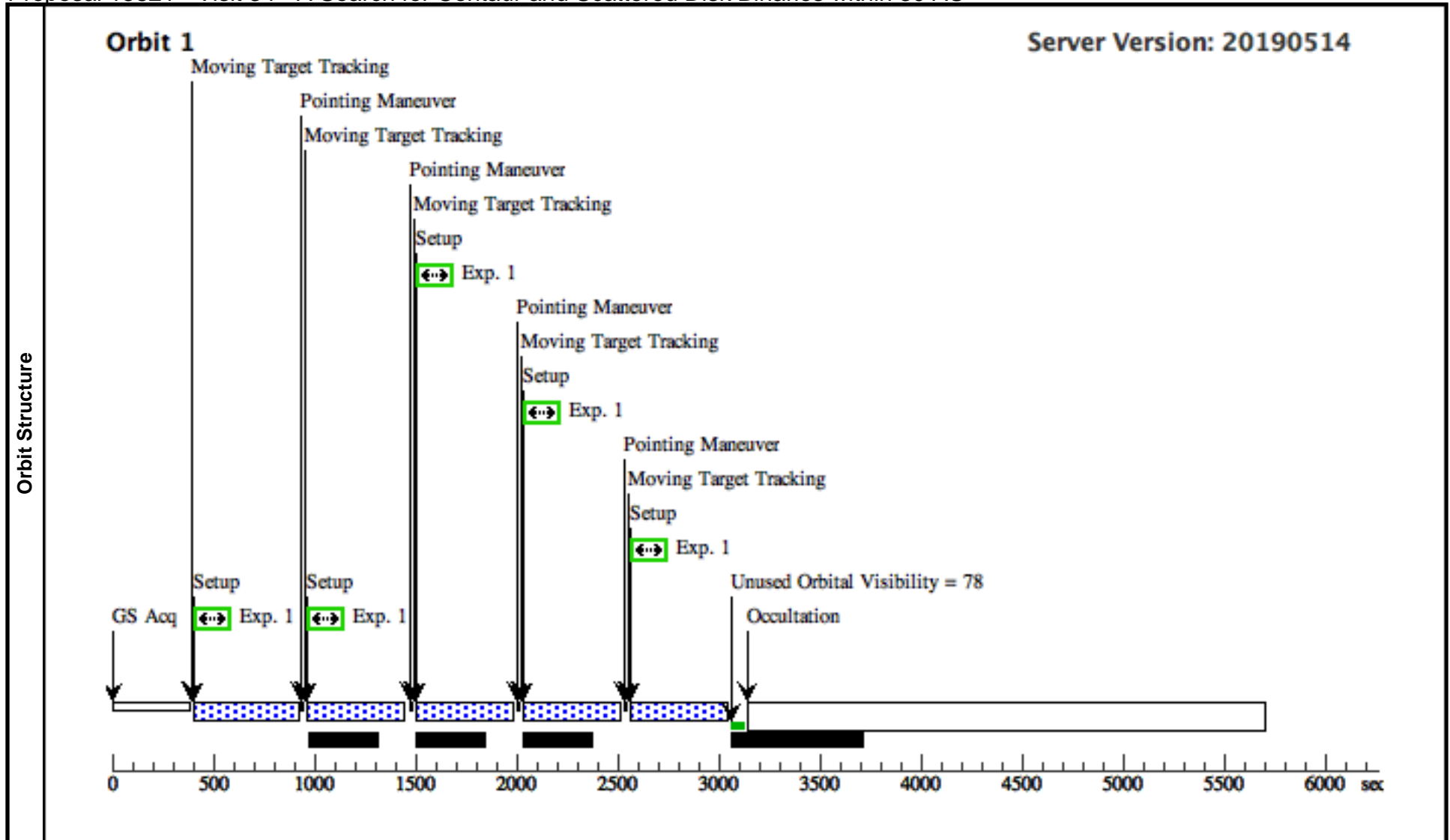
Visit	Proposal 15821, Visit 33, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 29-JAN-2020:23:59:59 AND 28-MAY-2020:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(33)	Y2010EN65	TYPE=ASTEROID,A=30.5901995559 73,E=0.310546939711,I=19.21829267 3740,O=234.436903788537,W=225.04 9461333844,M=53.200079627435,EQ UINOX=J2000,EPOCH=29-MAR- 2020:23:59:59,EpochTimeScale=UTC					EARTH			
		<i>Comments: Description=Minor Planet 2010 EN65 Extended=NO</i>									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(33) Y2010EN65	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 33 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]



Proposal 15821 - Visit 34 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

Visit	Proposal 15821, Visit 34, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-JAN-2020:23:59:59 AND 05-MAY-2020:23:59:59									
Patterns	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false			(1)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(34)	Y2015BD518	TYPE=ASTEROID,A=23.2335384117 77,E=0.299469477345,I=17.20154268 9828,O=344.064686704688,W=168.77 9949782432,M=7.238213237032,EQU INOX=J2000,EPOCH=06-MAR- 2020:23:59:59,EpochTimeScale=UTC				EARTH			
Comments: Description=Minor Planet 2015 BD518 Extended=NO										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(34) Y2015BD518	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 34 (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



Proposal 15821 - Visit 35 - A Search for Centaur and Scattered Disk Binaries within 30 AU

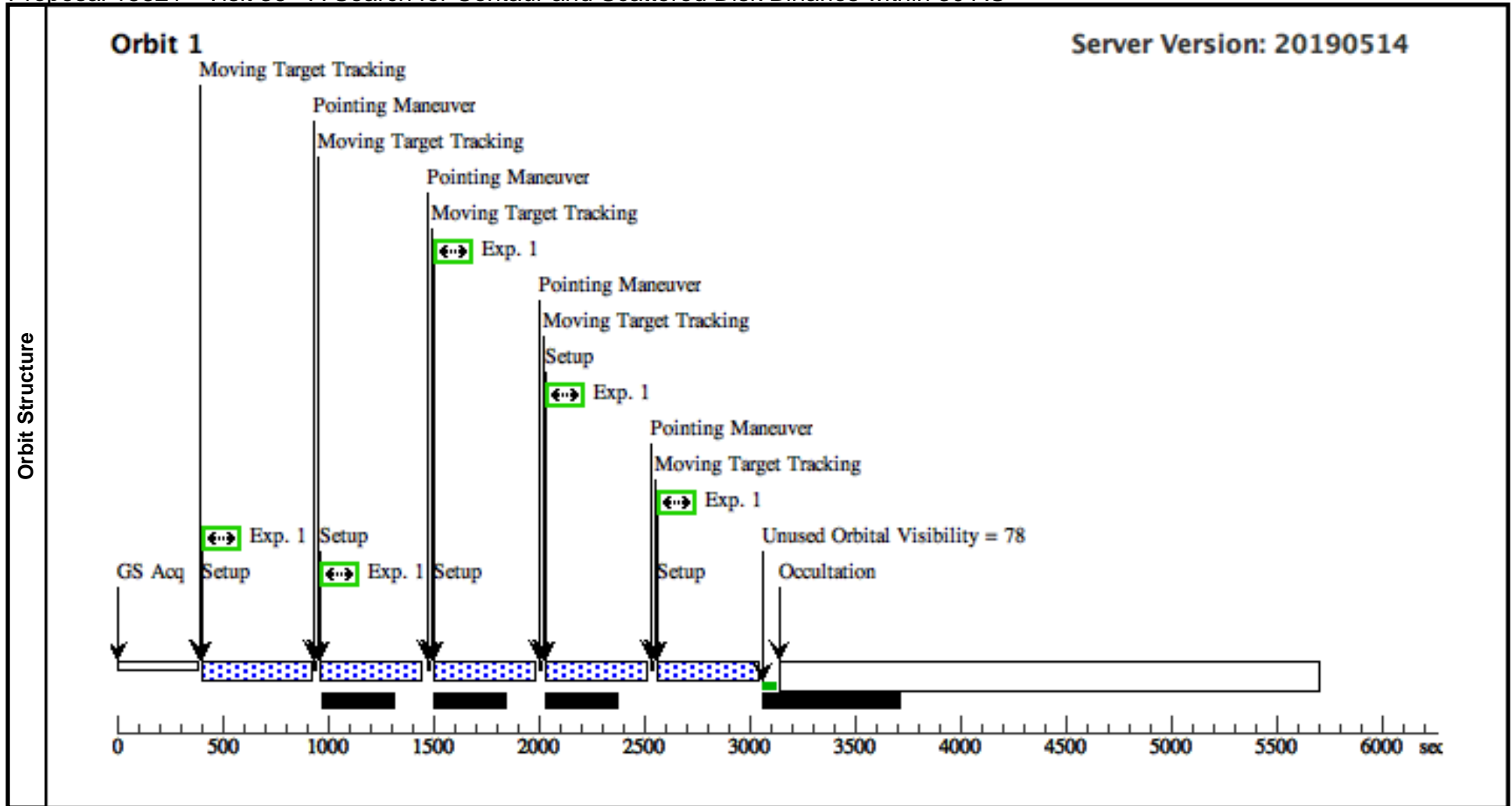
Fri Sep 20 20:00:59 GMT 2019

Visit	Proposal 15821, Visit 35, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-APR-2020:23:59:59 AND 14-AUG-2020:23:59:59									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false		(1)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(35)	Y2013KY18	TYPE=ASTEROID,A=30.3530637725 95,E=0.122947244227,I=6.646733056 481,O=84.407375870410,W=268.3615 24521378,M=285.695512435524,EQU INOX=J2000,EPOCH=15-JUN- 2020:23:59:59,EpochTimeScale=UTC Comments: Description=Minor Planet 2013 KY18 Extended=NO				EARTH			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(35) Y2013KY18	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 35 (1)	370 Secs (1850 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)]	[1]

Proposal 15821 - Visit 36 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

Visit	Proposal 15821, Visit 36, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 23-JAN-2020:23:59:59 AND 22-MAY-2020:23:59:59									
	Patterns	#	Primary Pattern		Secondary Pattern		Exposures			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.75 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=false			(1)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(36)	Y2012CE17	TYPE=ASTEROID,A=21.4793531594 54,E=0.116522142922,I=5.908511173 427,O=174.499693201057,W=357.712 845862932,M=8.485996105765,EQUI NOX=J2000,EPOCH=23-MAR- 2020:23:59:59,EpochTimeScale=UTC Comments: Description=Minor Planet 2012 CE17 Extended=NO				EARTH			
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(36) Y2012CE17	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 36 (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



Proposal 15821 - Visit 37 - A Search for Centaur and Scattered Disk Binaries within 30 AU

Fri Sep 20 20:00:59 GMT 2019

Visit	Proposal 15821, Visit 37, implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-AUG-2019:23:59:59 AND 15-DEC-2019:23:59:59										
	Patterns	#	Primary Pattern			Secondary Pattern			Exposures		
		(1)	Pattern Type=LINE	Coordinate Frame=CELESTIAL							(1)
		Purpose=OTHER	Pattern Orientation=0								
		Number Of Points=5	Angle Between Sides=								
		Point Spacing=0.75	Center Pattern=false								
		Line Spacing=									
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center				
	(37)	Y2013NT33	TYPE=ASTEROID,A=29.5937974202 40,E=0.445754453669,I=20.44108112 2395,O=57.300171320459,W=10.6451 72842279,M=342.975101211999,EQU INOX=J2000,EPOCH=16-OCT- 2019:23:59:59,EpochTimeScale=UTC					EARTH			
	<i>Comments: Description=Minor Planet 2013 NT33 Extended=NO</i>										
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1		(37) Y2013NT33	WFC3/UVIS, ACCUM, UVIS2	F350LP			Pattern 1, Exps 1-1 i n Visit 37 (1)	370 Secs (1850 Secs)		
									[=>(Pattern 1)]		
									[=>(Pattern 2)]		
									[=>(Pattern 3)]		
									[=>(Pattern 4)]		
									[=>(Pattern 5)]		[1]

