



# 16183 - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Targets

Cycle: 28, 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) 2020KQ11	WFC3/UVIS	1	26-Jul-2021 12:00:19.0	yes
37	(1) 2020KQ11	WFC3/UVIS	1	26-Jul-2021 12:00:20.0	yes
02	(2) 2020KW11	WFC3/UVIS	1	26-Jul-2021 12:00:21.0	yes
38	(2) 2020KW11	WFC3/UVIS	1	26-Jul-2021 12:00:21.0	yes
03	(3) 2020KO11	WFC3/UVIS	1	26-Jul-2021 12:00:22.0	yes
39	(3) 2020KO11	WFC3/UVIS	1	26-Jul-2021 12:00:23.0	yes
04	(4) 2020KY11	WFC3/UVIS	1	26-Jul-2021 12:00:24.0	yes

Proposal 16183 (STScI Edit Number: 6, Created: Monday, July 26, 2021 at 11:01:07 AM 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>
40	(14) B6600475	WFC3/UVIS	1	26-Jul-2021 12:00:24.0	yes
05	(5) P72X401	WFC3/UVIS	1	26-Jul-2021 12:00:25.0	yes
41	(13) P4856186	WFC3/UVIS	1	26-Jul-2021 12:00:26.0	yes
06	(6) 2020KU11	WFC3/UVIS	1	26-Jul-2021 12:00:27.0	yes
42	(6) 2020KU11	WFC3/UVIS	1	26-Jul-2021 12:00:27.0	yes
07	(7) 2020KP11	WFC3/UVIS	1	26-Jul-2021 12:00:28.0	yes
43	(7) 2020KP11	WFC3/UVIS	1	26-Jul-2021 12:00:29.0	yes
08	(8) 2020KT11	WFC3/UVIS	1	26-Jul-2021 12:00:30.0	yes
44	(8) 2020KT11	WFC3/UVIS	1	26-Jul-2021 12:00:31.0	yes
09	(9) 2020KV11	WFC3/UVIS	1	26-Jul-2021 12:00:32.0	yes
45	(9) 2020KV11	WFC3/UVIS	1	26-Jul-2021 12:00:32.0	yes
13	(9) 2020KV11	WFC3/UVIS	1	26-Jul-2021 12:00:33.0	yes
10	(10) 2020KS11	WFC3/UVIS	1	26-Jul-2021 12:00:34.0	yes
46	(10) 2020KS11	WFC3/UVIS	1	26-Jul-2021 12:00:35.0	yes
58	(10) 2020KS11	WFC3/UVIS	1	26-Jul-2021 12:00:35.0	yes
15	(15) P959EB2C	WFC3/UVIS	1	26-Jul-2021 12:00:36.0	yes
51	(15) P959EB2C	WFC3/UVIS	1	26-Jul-2021 12:00:37.0	yes
16	(16) P97C5C44	WFC3/UVIS	1	26-Jul-2021 12:00:37.0	yes
52	(16) P97C5C44	WFC3/UVIS	1	26-Jul-2021 12:00:38.0	yes
17	(17) P97D467E	WFC3/UVIS	1	26-Jul-2021 12:00:39.0	yes
53	(17) P97D467E	WFC3/UVIS	1	26-Jul-2021 12:00:40.0	yes
18	(18) P6X78F	WFC3/UVIS	1	26-Jul-2021 12:00:40.0	yes
62	(18) P6X78F	WFC3/UVIS	1	26-Jul-2021 12:00:41.0	yes
54	(18) P6X78F	WFC3/UVIS	1	26-Jul-2021 12:00:42.0	yes
11	(19) P72X4B2	WFC3/UVIS	1	26-Jul-2021 12:00:43.0	yes

Proposal 16183 (STScI Edit Number: 6, Created: Monday, July 26, 2021 at 11:01:07 AM 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>
47	(19) P72X4B2	WFC3/UVIS	1	26-Jul-2021 12:00:44.0	yes
14	(20) P72X546	WFC3/UVIS	1	26-Jul-2021 12:00:44.0	yes
63	(20) P72X546	WFC3/UVIS	1	26-Jul-2021 12:00:45.0	yes
50	(20) P72X546	WFC3/UVIS	1	26-Jul-2021 12:00:46.0	yes
19	(21) A46D02CE	WFC3/UVIS	1	26-Jul-2021 12:00:46.0	yes
55	(22) P97E09E4	WFC3/UVIS	1	26-Jul-2021 12:00:47.0	yes
20	(23) P472E655	WFC3/UVIS	1	26-Jul-2021 12:00:48.0	yes
56	(24) P972BF5B	WFC3/UVIS	1	26-Jul-2021 12:00:49.0	yes
21	(25) P6X59B	WFC3/UVIS	1	26-Jul-2021 12:00:49.0	yes
57	(26) P6X5BC	WFC3/UVIS	1	26-Jul-2021 12:00:50.0	yes
64	(26) P6X5BC	WFC3/UVIS	1	26-Jul-2021 12:00:51.0	yes
22	(27) P72X638	WFC3/UVIS	1	26-Jul-2021 12:00:52.0	yes
23	(28) P72X665	WFC3/UVIS	1	26-Jul-2021 12:00:52.0	yes
60	(28) P72X665	WFC3/UVIS	1	26-Jul-2021 12:00:53.0	yes
24	(29) P953B127	WFC3/UVIS	1	26-Jul-2021 12:00:54.0	yes
25	(30) P6X6D2	WFC3/UVIS	1	26-Jul-2021 12:00:55.0	yes
26	(31) P6X6F8	WFC3/UVIS	1	26-Jul-2021 12:00:55.0	yes
27	(32) A1300EDC	WFC3/UVIS	1	26-Jul-2021 12:00:56.0	yes
28	(33) A4590CD3	WFC3/UVIS	1	26-Jul-2021 12:00:57.0	yes
29	(34) B10E0B9B	WFC3/UVIS	1	26-Jul-2021 12:00:57.0	yes
30	(35) P72X825	WFC3/UVIS	1	26-Jul-2021 12:00:58.0	yes
31	(36) P97D1F63	WFC3/UVIS	1	26-Jul-2021 12:00:59.0	yes
32	(39) P97B4AC8	WFC3/UVIS	1	26-Jul-2021 12:01:00.0	yes
61	(39) P97B4AC8	WFC3/UVIS	1	26-Jul-2021 12:01:00.0	yes
33	(40) P72X6DC	WFC3/UVIS	1	26-Jul-2021 12:01:02.0	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>
34	(41) P4811A01	WFC3/UVIS	1	26-Jul-2021 12:01:02.0	yes
35	(42) P48983C9	WFC3/UVIS	1	26-Jul-2021 12:01:03.0	yes
36	(43) P72X659	WFC3/UVIS	1	26-Jul-2021 12:01:04.0	yes
59	(44) P4730D64	WFC3/UVIS	1	26-Jul-2021 12:01:05.0	yes
12	(12) 2020KR11	WFC3/UVIS	1	26-Jul-2021 12:01:05.0	yes
48	(12) 2020KR11	WFC3/UVIS	1	26-Jul-2021 12:01:06.0	yes
49	(38) 2020KP11B	WFC3/UVIS	1	26-Jul-2021 12:01:07.0	yes

64 Total Orbits Used

## ABSTRACT

We propose to use WFC3 to observe approximately 36 Kuiper Belt Objects (KBOs) with up to 58 orbits of HST, in order to 1) Enable unique and unreproducible high-phase observations of them with New Horizons, 2) Significantly expand the number of dynamically-excited KBOs that have been checked to see if they are binary, and 3) Enable future ground-based occultation studies to measure the sizes and shapes of KBOs. Our first science goal requires New Horizons, but coordinated observations with NH and HST would produce a unique dataset that no other combination of facilities can match. Our second and third science goals do not require New Horizons, and build upon current and past HST KBO programs. All of our science goals independently would provide a significant advance in the field of KBO science, and together constitute a clear advance in understanding both KBOs specifically, and planetesimal formation across the Solar System in general. We expect that our proposed observations will increase the number of objects that New Horizons can observe in late 2020-early 2021 from ~6 to ~42. This will provide a seven-fold increase in the number of KBOs that New Horizons can measure high-phase lightcurves for, greatly enhancing our understanding of the shapes and surface regoliths of KBOs. The proposed observations would also serve as a survey of the binary fraction of dynamically excited KBOs, which is poorly-constrained currently, especially compared to the Cold Classical KBOs. Our proposed observations would also enhance the orbital precision of these objects sufficiently to enable ground-based stellar occultation campaigns of them, uniquely capable of measuring shape and size.

## OBSERVING DESCRIPTION

These observations are to recover Kuiper Belt Objects discovered in the summer of 2020 that are potential targets for observation with the New Horizons spacecraft. As of the time that the Phase II was due (June 30, 2020), all of the ground-based search data has been successfully obtained with

Subaru, but is still being searched for KBOs. As such, all of the KBOs in the the submitted Phase II are placeholders. We anticipated this, and the TAC allowed that we would have a late update.

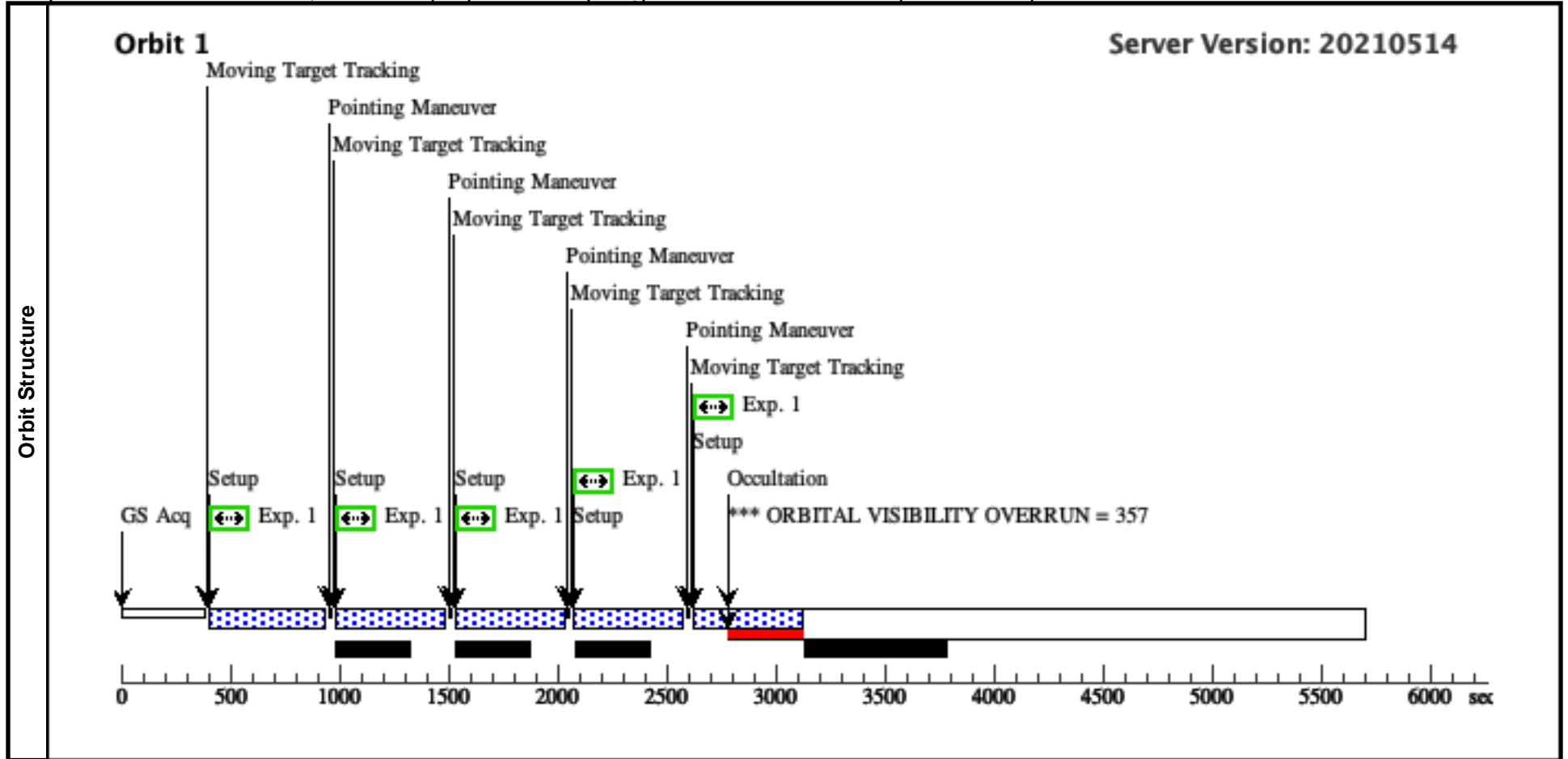
When the KBO search is complete (by the end of August), we will update the Phase II with the correct ephemeris and observation windows. Some of the objects will need to be observed in October-December 2020, while most will best observed in March 2021.

We do not anticipate changing the patterns or exposures, which are identical for every object and based on prior New Horizons support observations.

Each visit consists of a single orbit with five ~370 second exposures. Our nominal plan is to use F350LP for all five exposures. In the low-probability case that we have a bright target, we use two filters, F606W and F814W, and shorter exposure times. The target is placed at the centre of UVIS2, and a line dither is used that roughly (but not perfectly) cancels out the motion of the KBO.

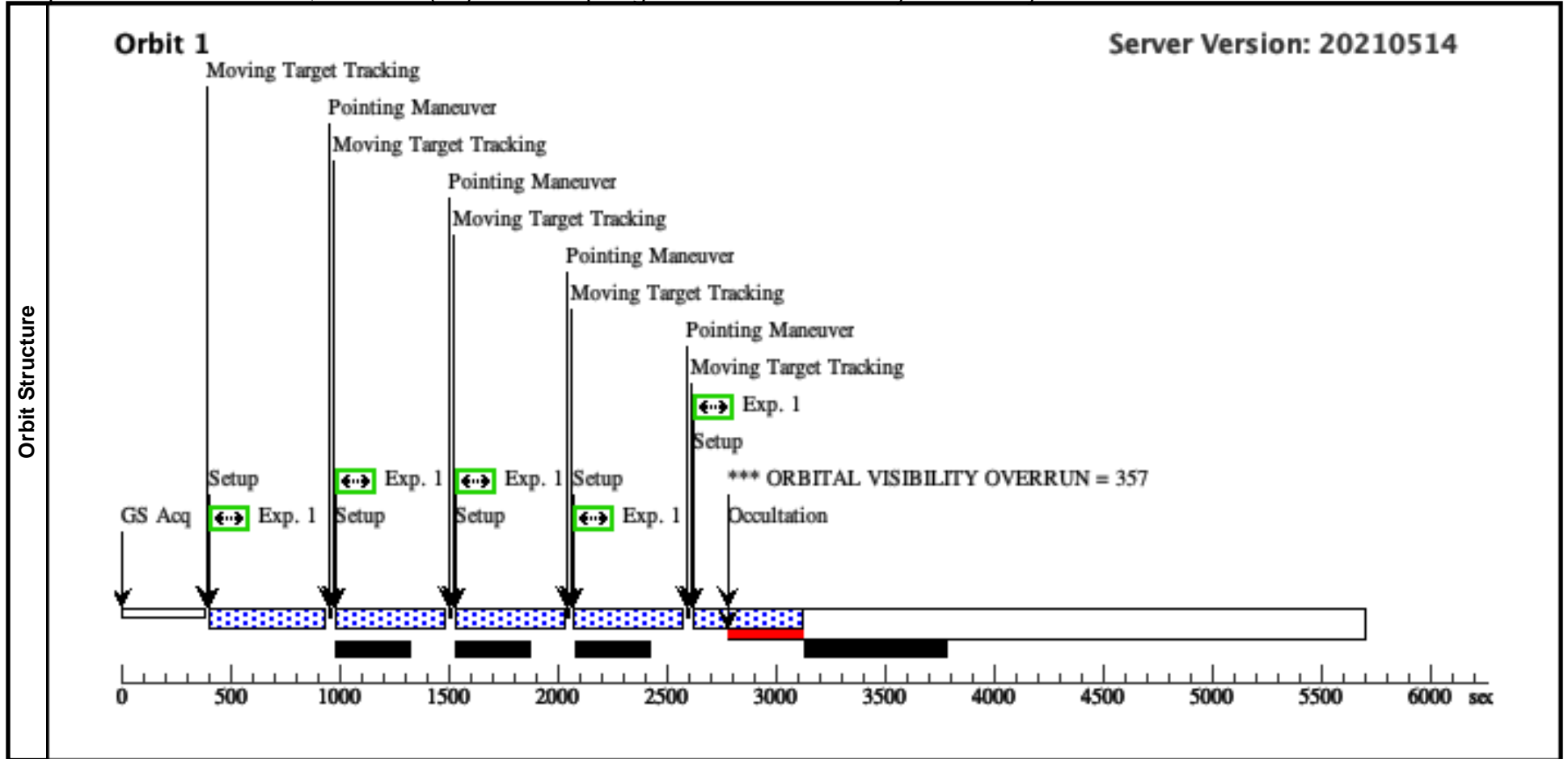
Proposal 16183 - 2020 KQ11 Visit 1 (01) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, 2020 KQ11 Visit 1 (01), completed <span style="float: right;">Mon Jul 26 16:01:07 GMT 2021</span> Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 17-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KQ11 Visit 1 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(1)	2020KQ11	TYPE=ASTEROID,A=44.6248594371 28,E=0.099773153155,I=3.314572022 986,O=166.914905426798,W=331.176 766747966,M=141.121051314833,EQ UINOX=J2000,EPOCH=29-MAY- 2020:11:22:33,EpochTimeScale=UTC  Comments: Priority 1 for 2020 observations  Formerly P71X748 Description=New Horizons Candidate Target Extended=NO				EARTH			
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(1) 2020KQ11		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KQ11 Visit 1 (01) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KQ11 Visit 1 (01) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



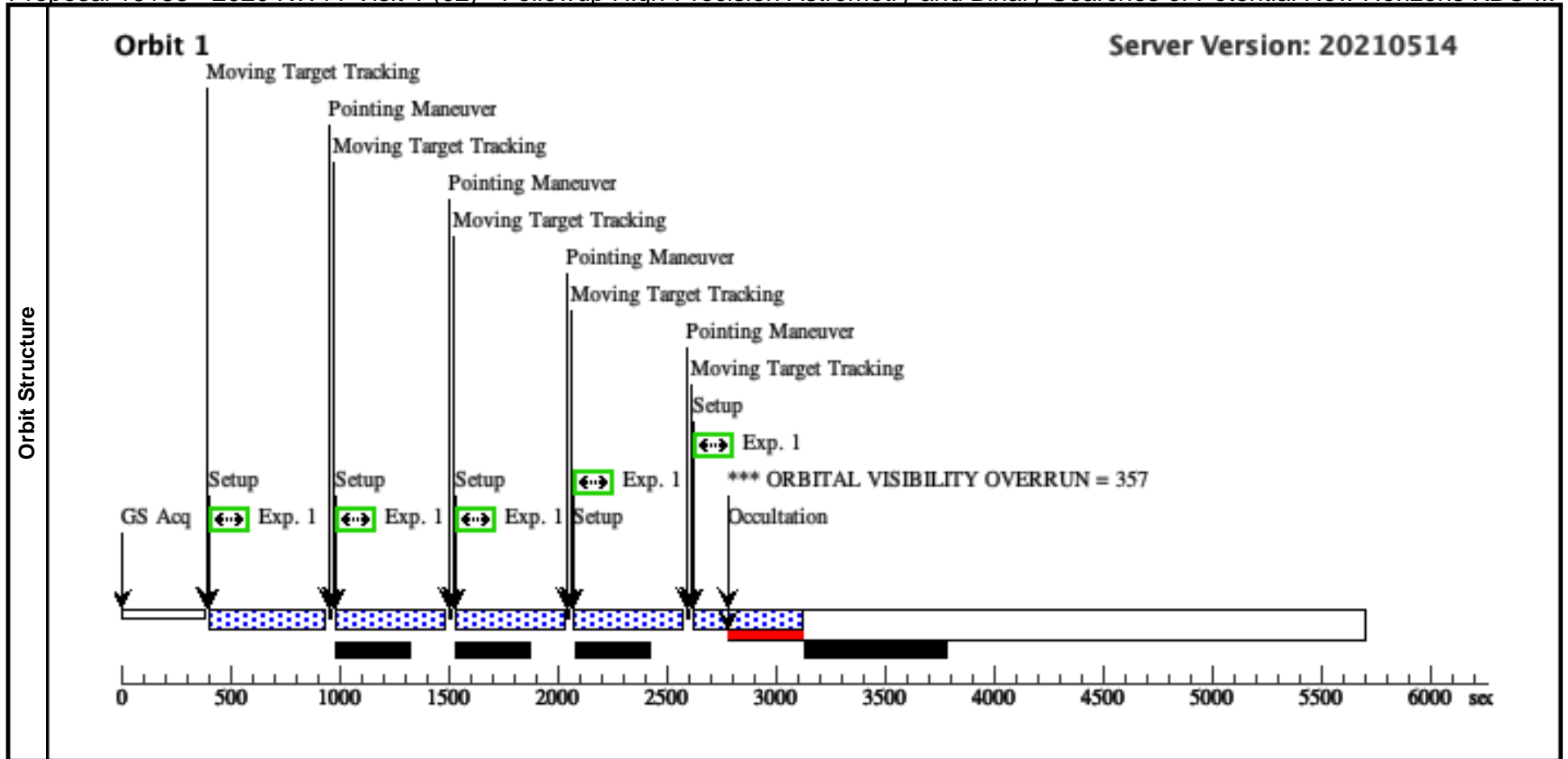
Proposal 16183 - 2020 KQ11 Visit 2 (37) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, 2020 KQ11 Visit 2 (37), completed</b> <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 01 BY 1 D TO 30 D; BETWEEN 17-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KQ11 Visit 2 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(1)	2020KQ11	TYPE=ASTEROID,A=44.6248594371 28,E=0.099773153155,I=3.314572022 986,O=166.914905426798,W=331.176 766747966,M=141.121051314833,EQ UINOX=J2000,EPOCH=29-MAY- 2020:11:22:33,EpochTimeScale=UTC  <i>Comments: Priority 1 for 2020 observations</i>  <i>Formerly P71X748</i> <i>Description=New Horizons Candidate Target</i> <i>Extended=NO</i>				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(1) 2020KQ11	WFC3/UVIS, ACCUM, UVIS2	F350LP				Sequence 1-1 Non-Int in 2020 KQ11 Visit 2 (37) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KQ11 Visit 2 (37) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



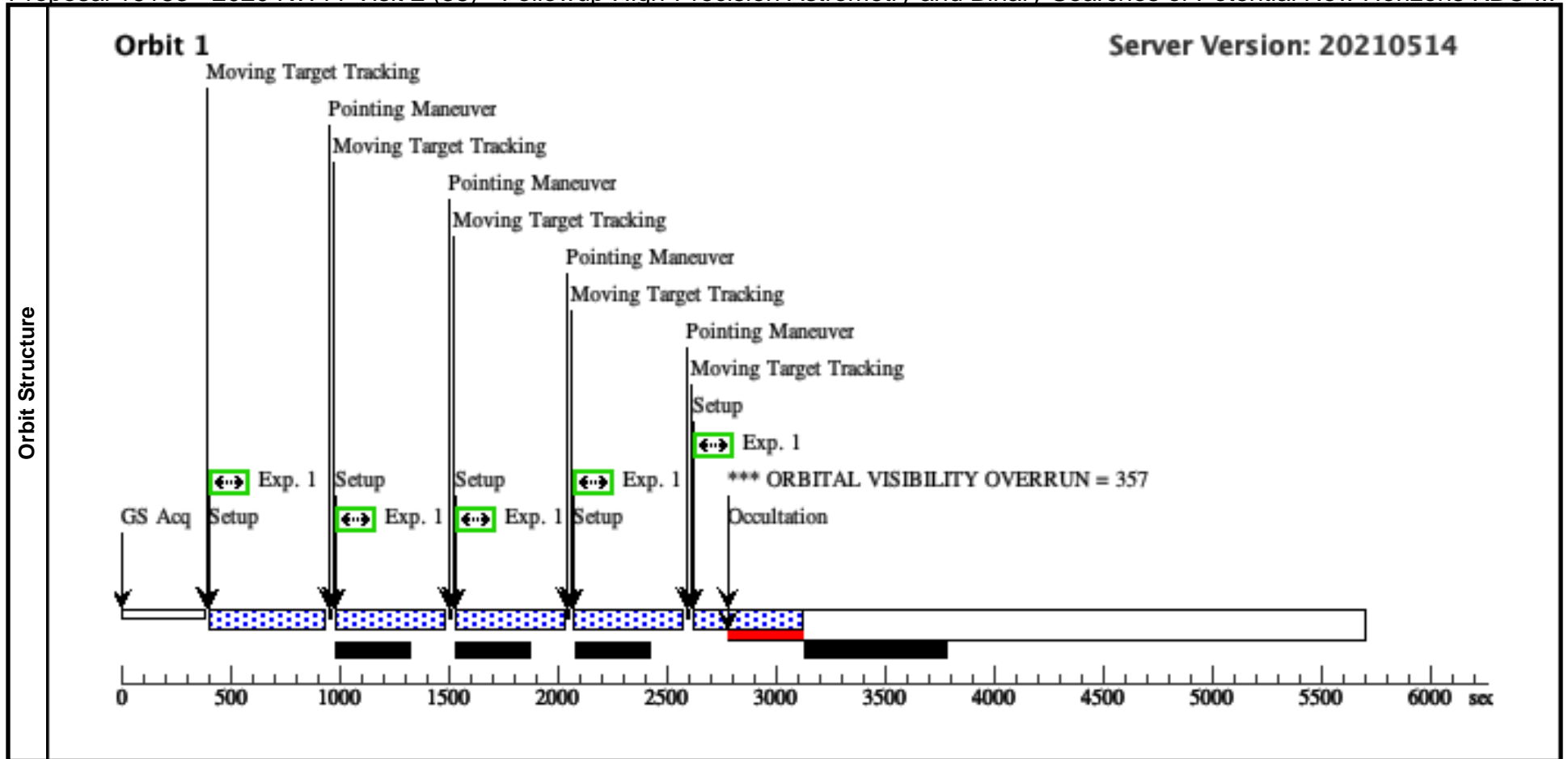
Proposal 16183 - 2020 KW11 Visit 1 (02) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO ...

<b>Visit</b>	Proposal 16183, 2020 KW11 Visit 1 (02), completed <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 18-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KW11 Visit 1 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(2)	2020KW11	TYPE=ASTEROID,A=45.8857905988 98,E=0.133624862062,I=4.773884045 812,O=141.277620773609,W=20.7307 14129429,M=110.370674036467,EQU INOX=J2000,EPOCH=29-MAY- 2020:13:04:05,EpochTimeScale=UTC  <i>Comments: Priority 2 for 2020 observations</i>  <i>Formerly SBP152808500157266143054B</i> <i>Description=New Horizons Candidate Target</i> <i>Extended=NO</i>				EARTH			
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(2) 2020KW11		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KW11 Visit 1 (02) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KW11 Visit 1 (02) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



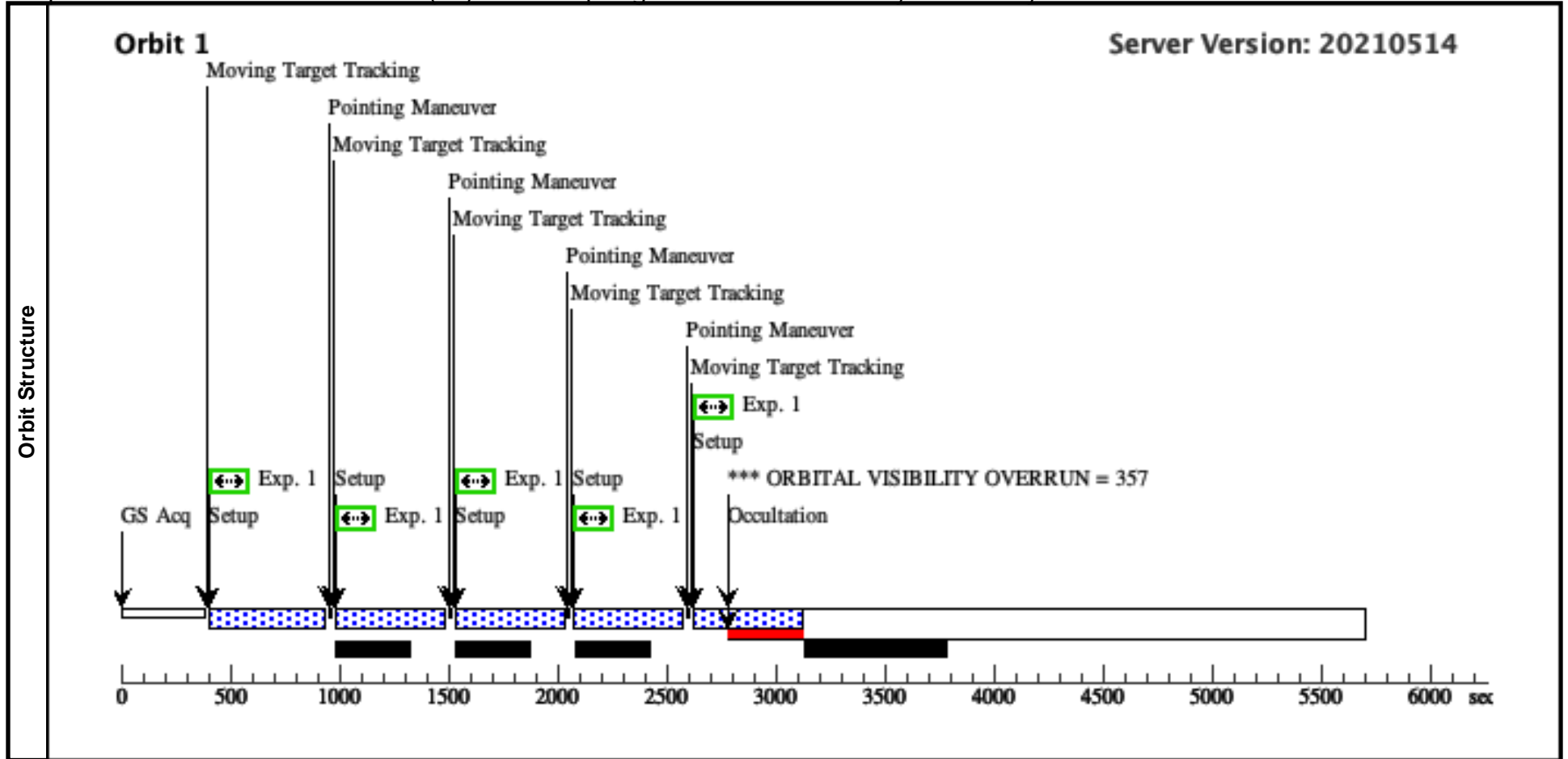
Proposal 16183 - 2020 KW11 Visit 2 (38) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO ...

<b>Visit</b>	Proposal 16183, 2020 KW11 Visit 2 (38), completed <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 02 BY 1 D TO 30 D; BETWEEN 18-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KW11 Visit 2 (38)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(2)	2020KW11	TYPE=ASTEROID,A=45.8857905988 98,E=0.133624862062,I=4.773884045 812,O=141.277620773609,W=20.7307 14129429,M=110.370674036467,EQU INOX=J2000,EPOCH=29-MAY- 2020:13:04:05,EpochTimeScale=UTC				EARTH			
Comments: Priority 2 for 2020 observations Formerly SBP152808500157266143054B Description=New Horizons Candidate Target Extended=NO										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(2) 2020KW11		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KW11 Visit 2 (38) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KW11 Visit 2 (38) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



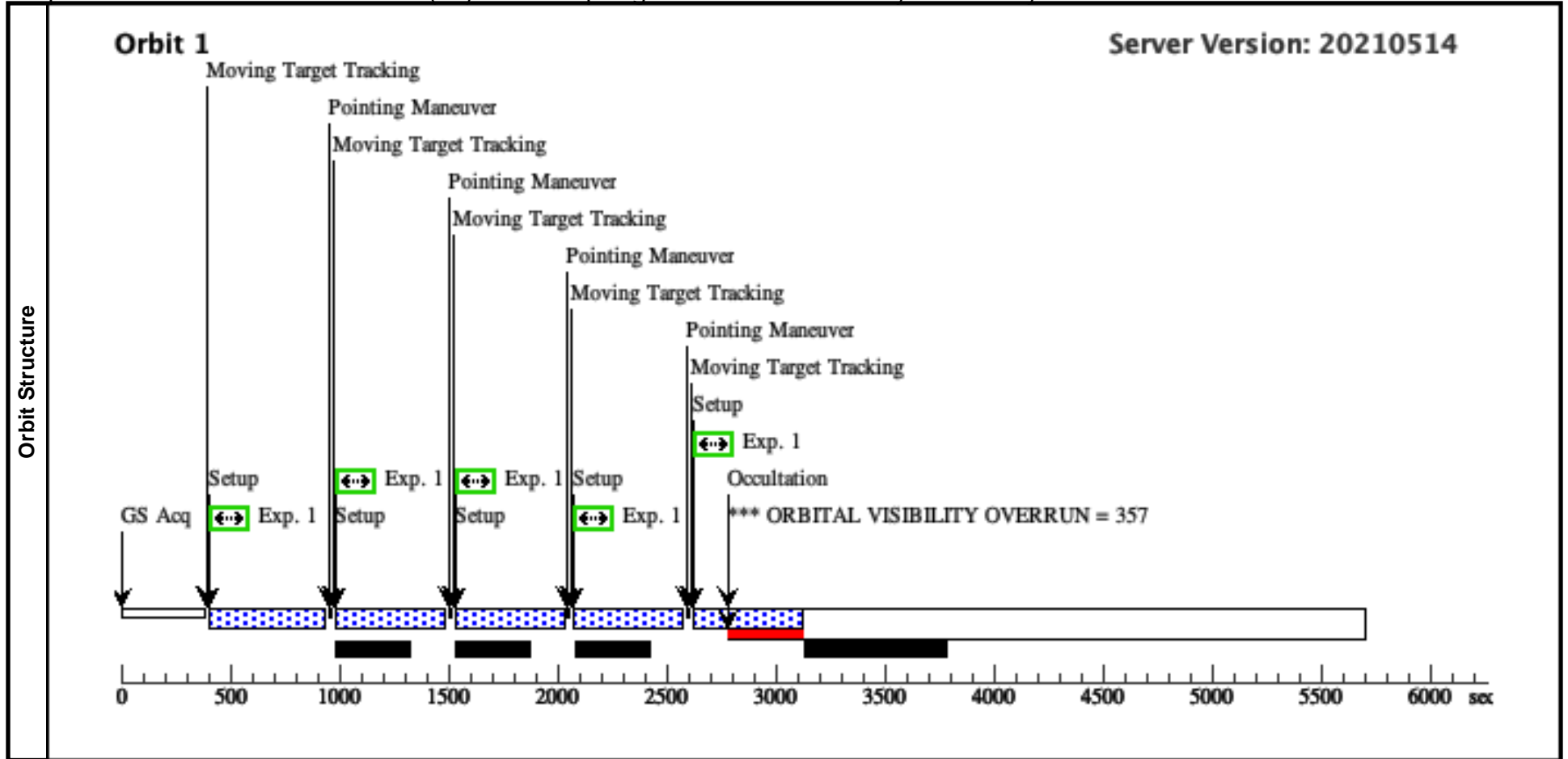
Proposal 16183 - 2020 KO11 Visit 1 (03) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, 2020 KO11 Visit 1 (03), completed</b> <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 18-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KO11 Visit 1 (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(3)	2020KO11	TYPE=ASTEROID,A=45.4381332863 31,E=0.114936110000,I=6.669714278 017,O=128.907737567069,W=298.975 460297735,M=225.479774033278,EQ UINOX=J2000,EPOCH=29-MAY- 2020:13:12:29,EpochTimeScale=UTC				EARTH			
Comments: Priority 3 for 2020 observations Description=New Horizons Candidate Target Extended=NO										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(3) 2020KO11	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KO11 Visit 1 (03) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KO11 Visit 1 (03) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



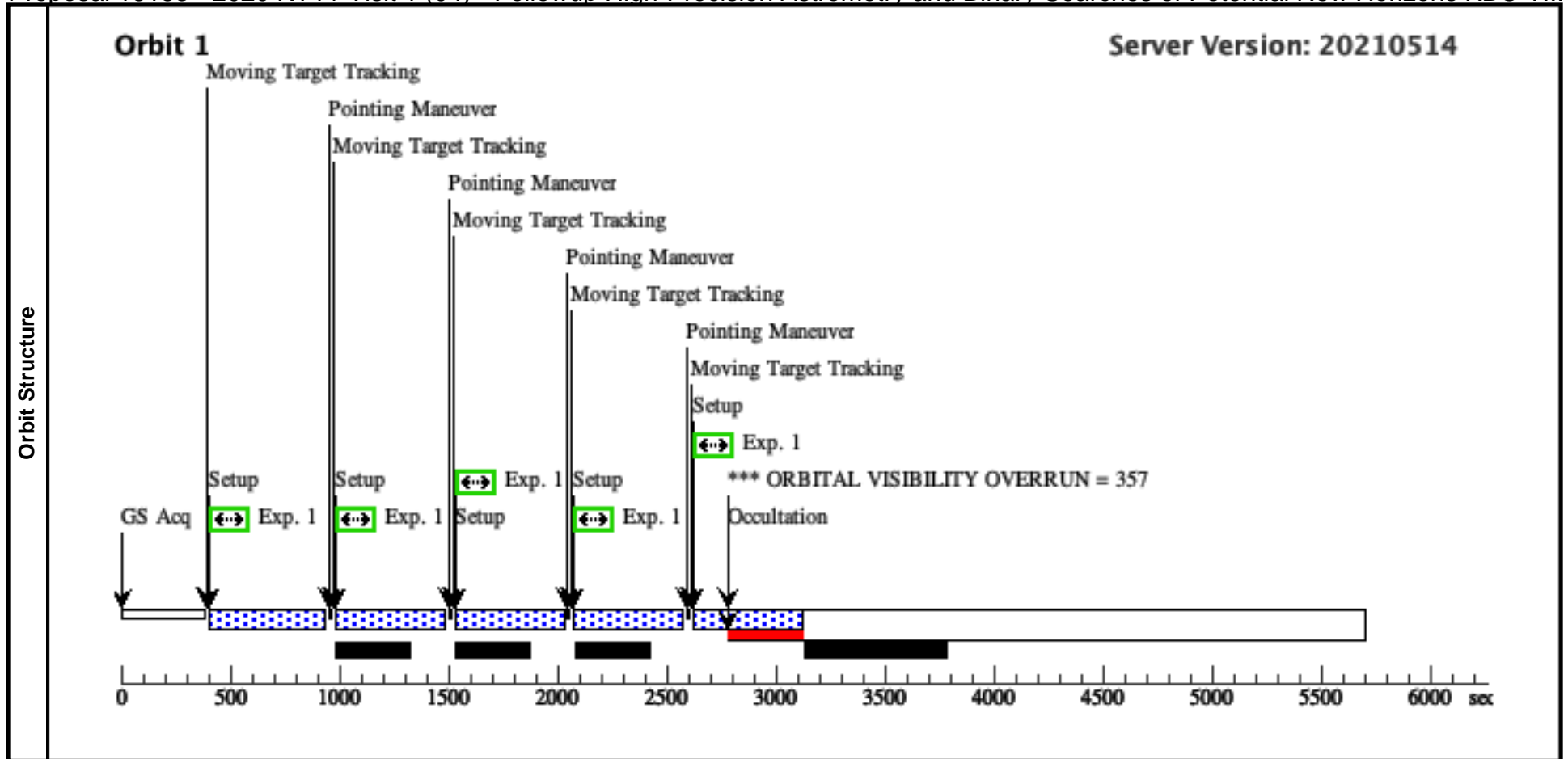
Proposal 16183 - 2020 KO11 Visit 2 (39) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, 2020 KO11 Visit 2 (39), completed</b> <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 03 BY 1 D TO 30 D; BETWEEN 18-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KO11 Visit 2 (39)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(3)	2020KO11	TYPE=ASTEROID,A=45.4381332863 31,E=0.114936110000,I=6.669714278 017,O=128.907737567069,W=298.975 460297735,M=225.479774033278,EQ UINOX=J2000,EPOCH=29-MAY- 2020:13:12:29,EpochTimeScale=UTC				EARTH			
Comments: Priority 3 for 2020 observations Description=New Horizons Candidate Target Extended=NO										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(3) 2020KO11	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KO11 Visit 2 (39) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KO11 Visit 2 (39) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



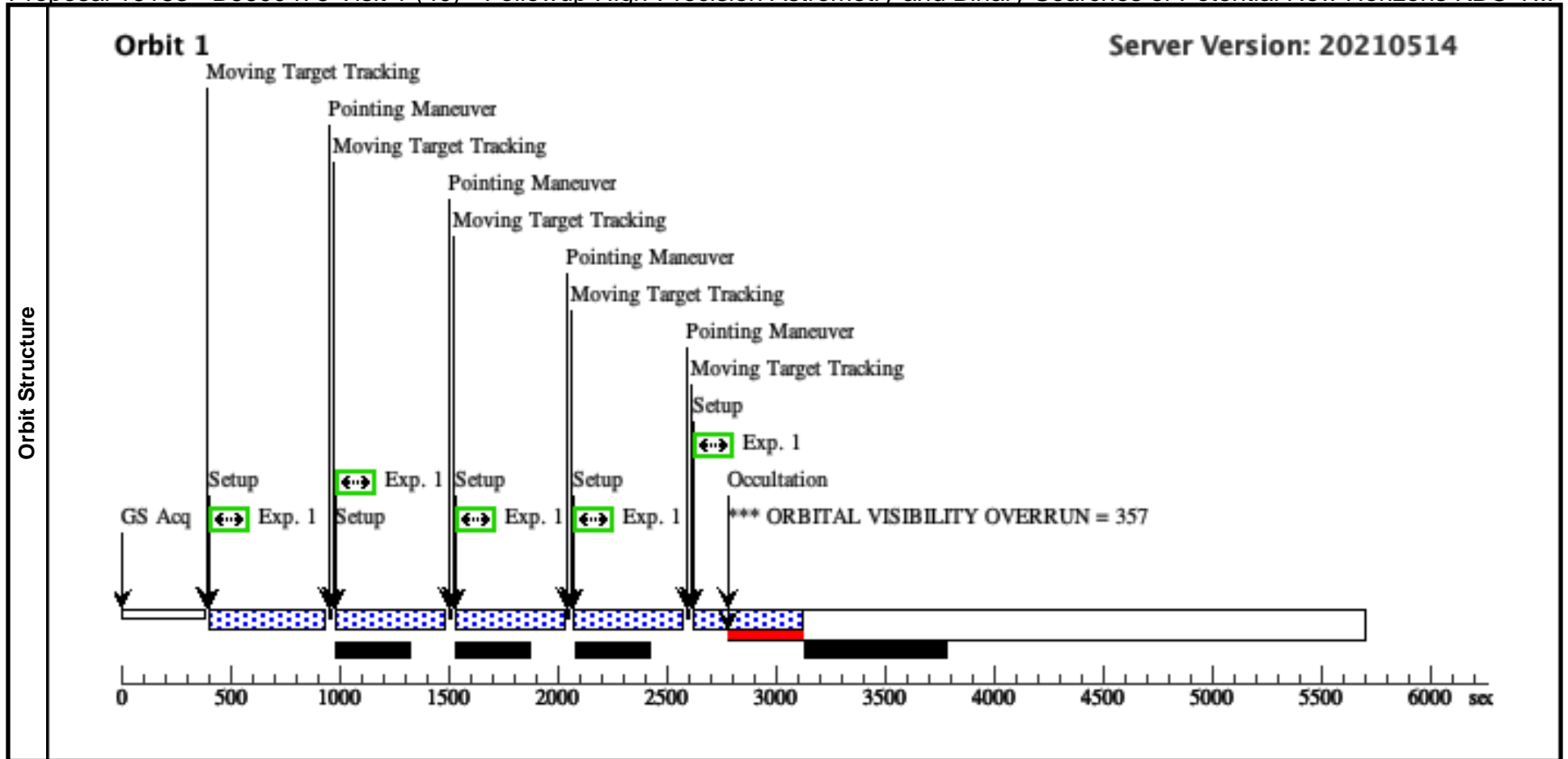
Proposal 16183 - 2020 KY11 Visit 1 (04) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, 2020 KY11 Visit 1 (04), completed</b> <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 19-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KY11 Visit 1 (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(4)	2020KY11	TYPE=ASTEROID,A=51.7309687587 89,E=0.032203765387,I=7.847829994 470,O=278.004063419713,W=10.2239 32598044,M=359.058395517070,EQU INOX=J2000,EPOCH=30-MAY- 2020:11:13:55,EpochTimeScale=UTC				EARTH			
Comments: Description=New Horizons Candidate Target Extended=NO										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(4) 2020KY11	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KY11 Visit 1 (04) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KY11 Visit 1 (04) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



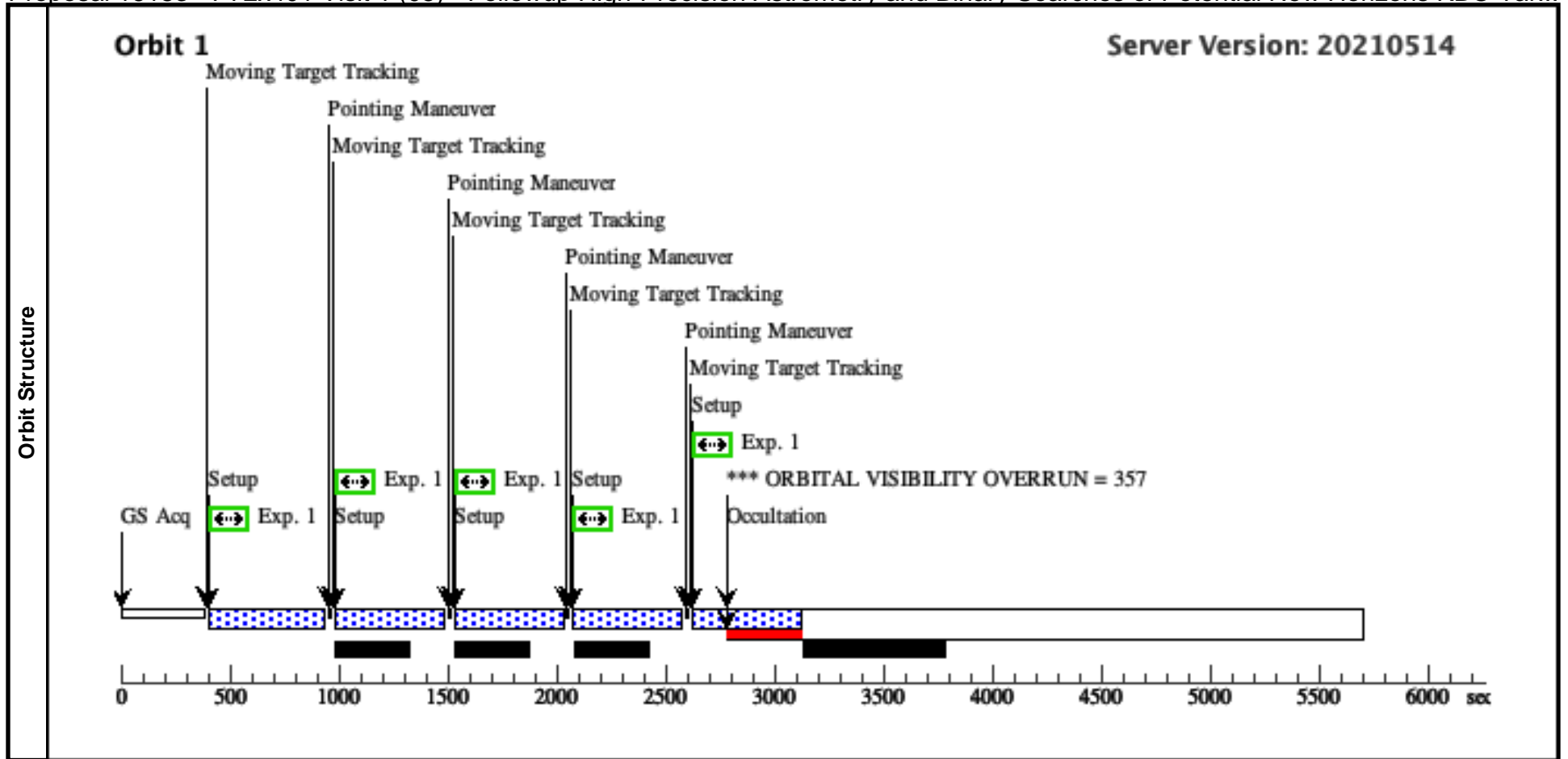
Proposal 16183 - B6600475 Visit 1 (40) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, B6600475 Visit 1 (40), completed <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 19-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (B6600475 Visit 1 (40)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(14)	B6600475	TYPE=ASTEROID,A=43.6517325500 97,E=0.171122079049,I=6.037325954 047,O=125.921918949651,W=308.013 729815184,M=222.564193635333,EQ UINOX=J2000,EPOCH=14-AUG- 2020:05:49:44,EpochTimeScale=UTC  Comments: Description=KBO1 Extended=NO				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(14) B6600475	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in B6600475 Visit 1 (40) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in B6600475 Visit 1 (40) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



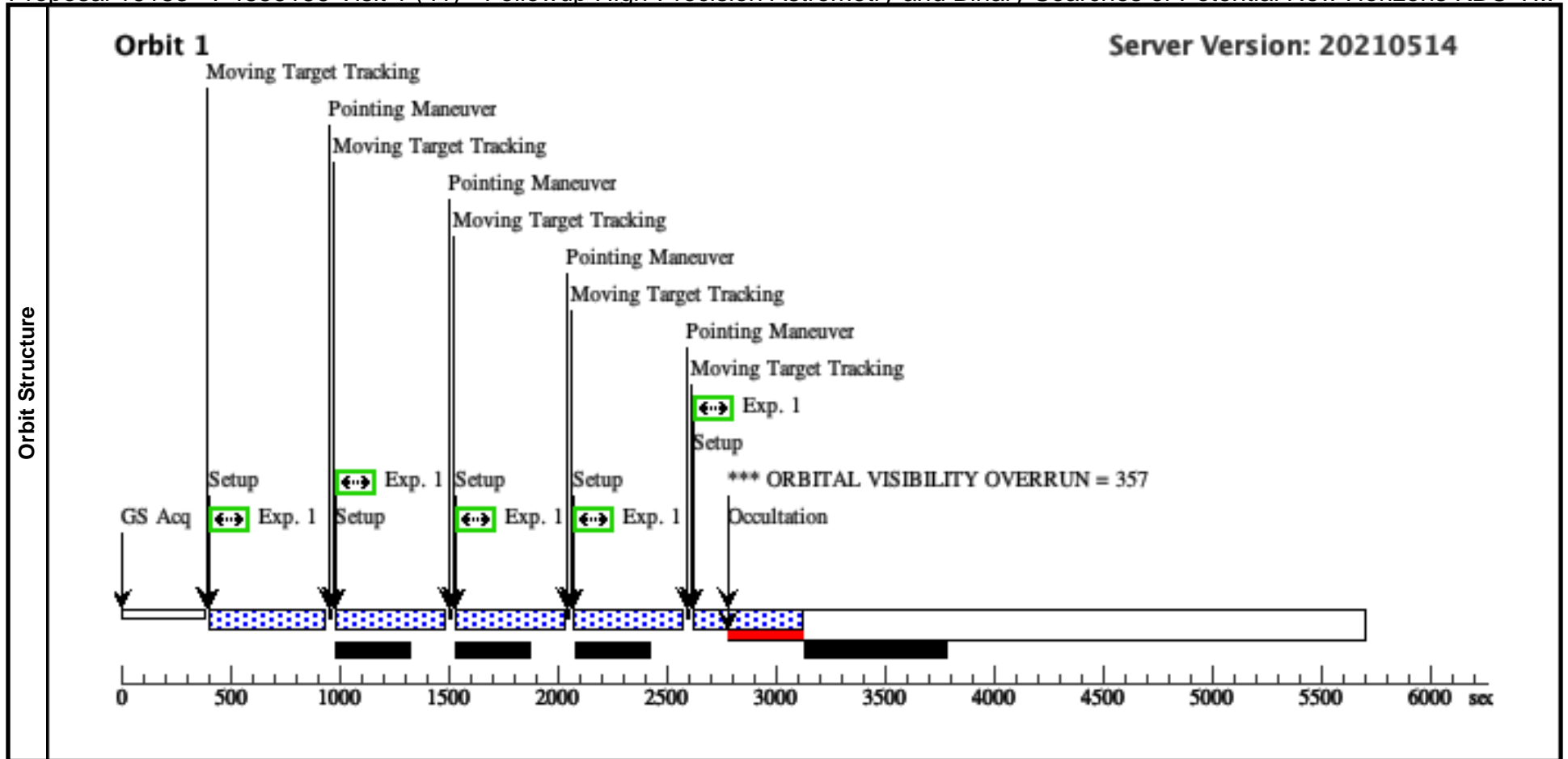
Proposal 16183 - P72x401 Visit 1 (05) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Tar...

<b>Visit</b>	Proposal 16183, P72x401 Visit 1 (05), completed <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00									
	(P72x401 Visit 1 (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window				
	(5)	P72X401	TYPE=ASTEROID,A=55.0792902625 71,E=0.166673129594,I=14.88216463 3782,O=112.522790886122,W=172.05 5547302525,M=1.357933679895,EQU INOX=J2000,EPOCH=30-MAY- 2020:11:13:55,EpochTimeScale=UTC				EARTH			
Comments: Description=KBO1 Extended=NO										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(5) P72X401	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72x401 Visit 1 (05) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P72x401 Visit 1 (05) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



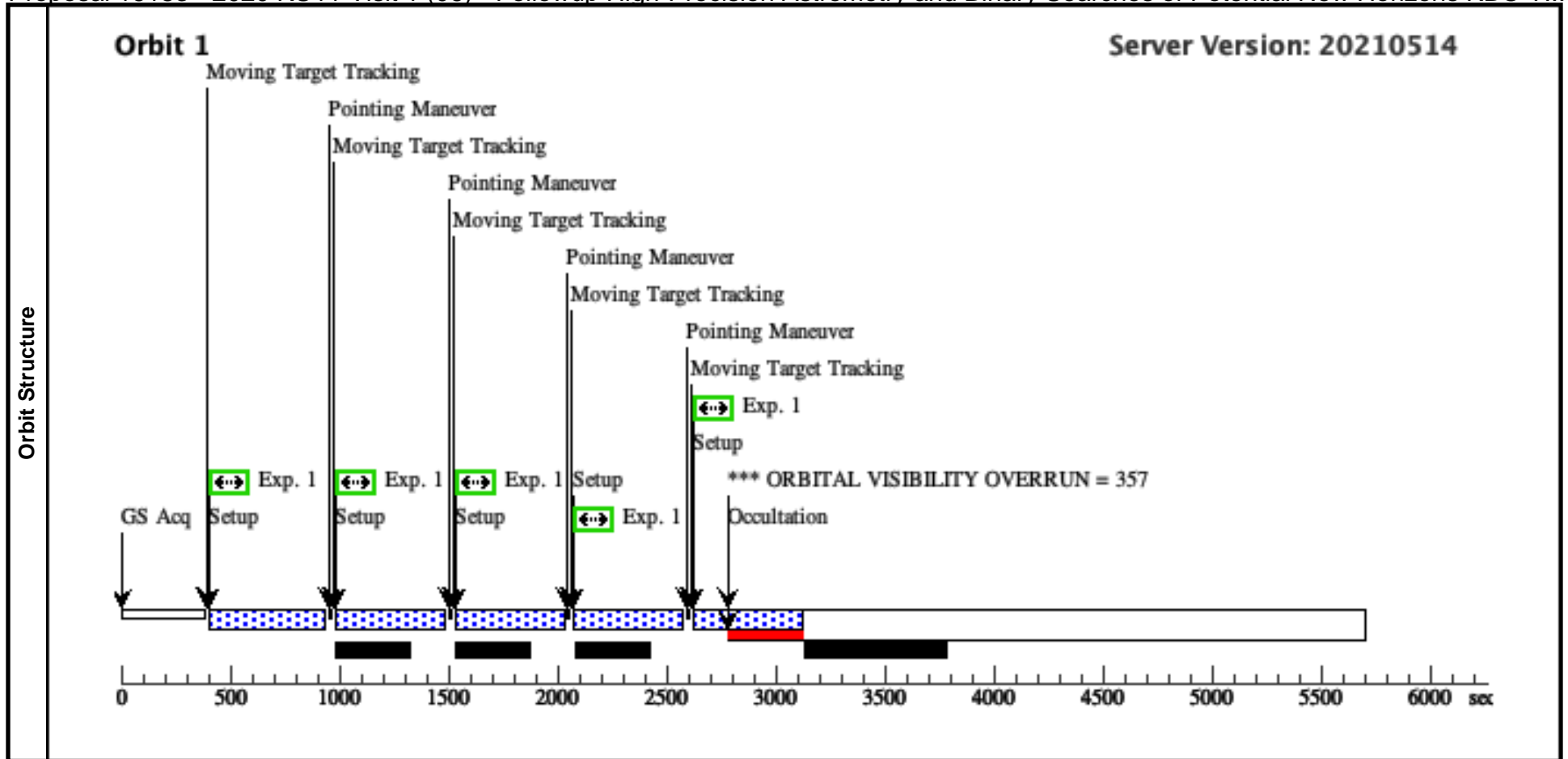
Proposal 16183 - P4856186 Visit 1 (41) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, P4856186 Visit 1 (41), completed</b> <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 16-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00 <i>Comments: Last-minute repurposing of second orbit for low priority target to high priority target</i>									
	<b>Diagnostics</b> (P4856186 Visit 1 (41)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(13)	P4856186	TYPE=ASTEROID,A=79.9347704731 85,E=0.540095030785,I=25.96058750 6628,O=281.086502186410,W=79.945 727723419,M=336.589058965541,EQ UINOX=J2000,EPOCH=14-AUG- 2020:06:31:40,EpochTimeScale=UTC				EARTH			
<i>Comments: Description=KBO1 Extended=NO</i>										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(13) P4856186	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P4856186 Visit 1 (41) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P4856186 Visit 1 (41) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



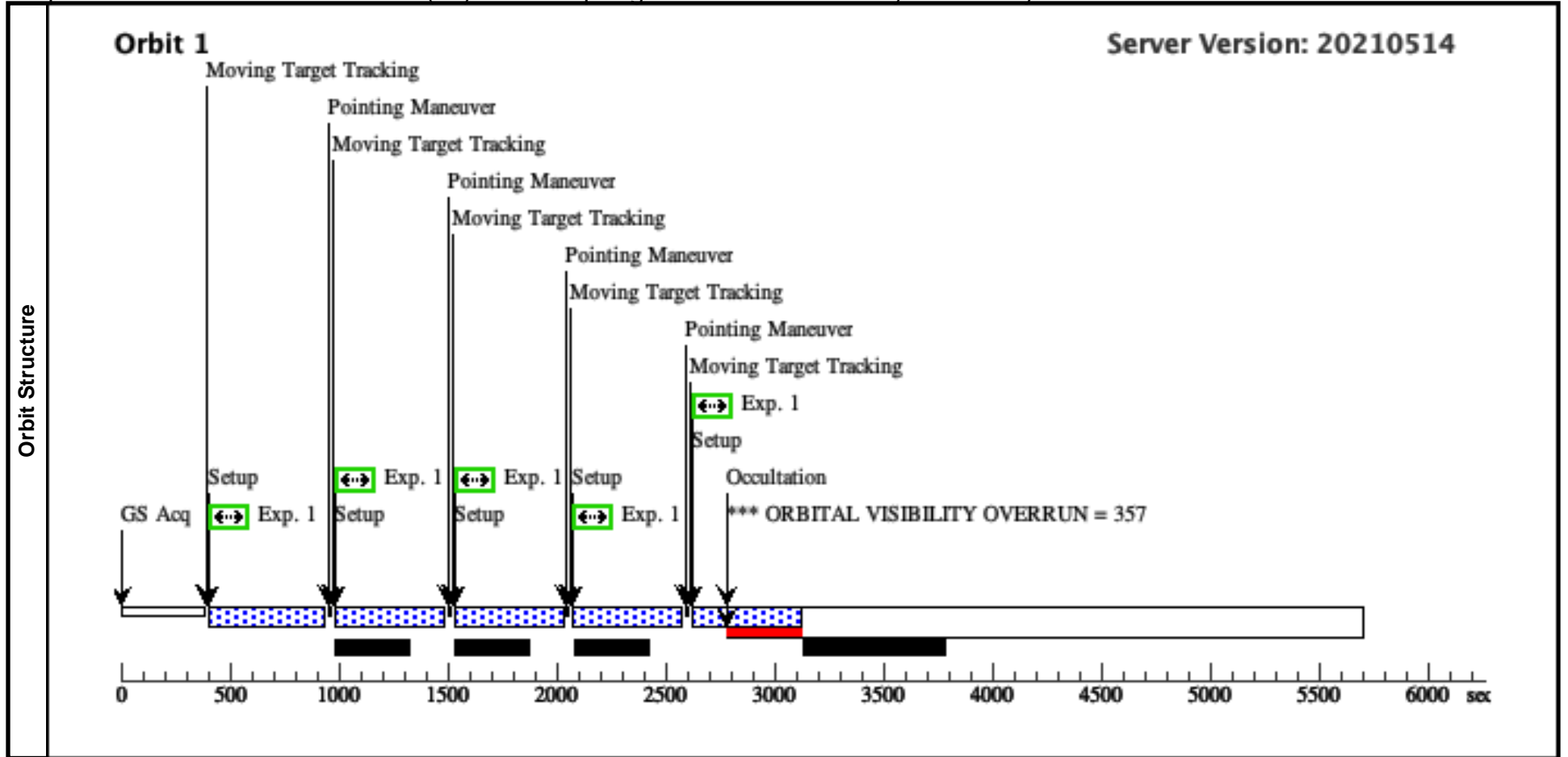
Proposal 16183 - 2020 KU11 Visit 1 (06) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, 2020 KU11 Visit 1 (06), failed</b> <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 20-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KU11 Visit 1 (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(6)	2020KU11	TYPE=ASTEROID,A=45.0752372096 37,E=0.190333914372,I=15.40278399 6409,O=113.865618689826,W=32.826 874102609,M=122.895539677433,EQ UINOX=J2000,EPOCH=29-MAY- 2020:11:22:33,EpochTimeScale=UTC				EARTH			
<i>Comments: Description=New Horizons Candidate Target                  Extended=NO</i>										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(6) 2020KU11	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KU11 Visit 1 (06) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KU11 Visit 1 (06) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



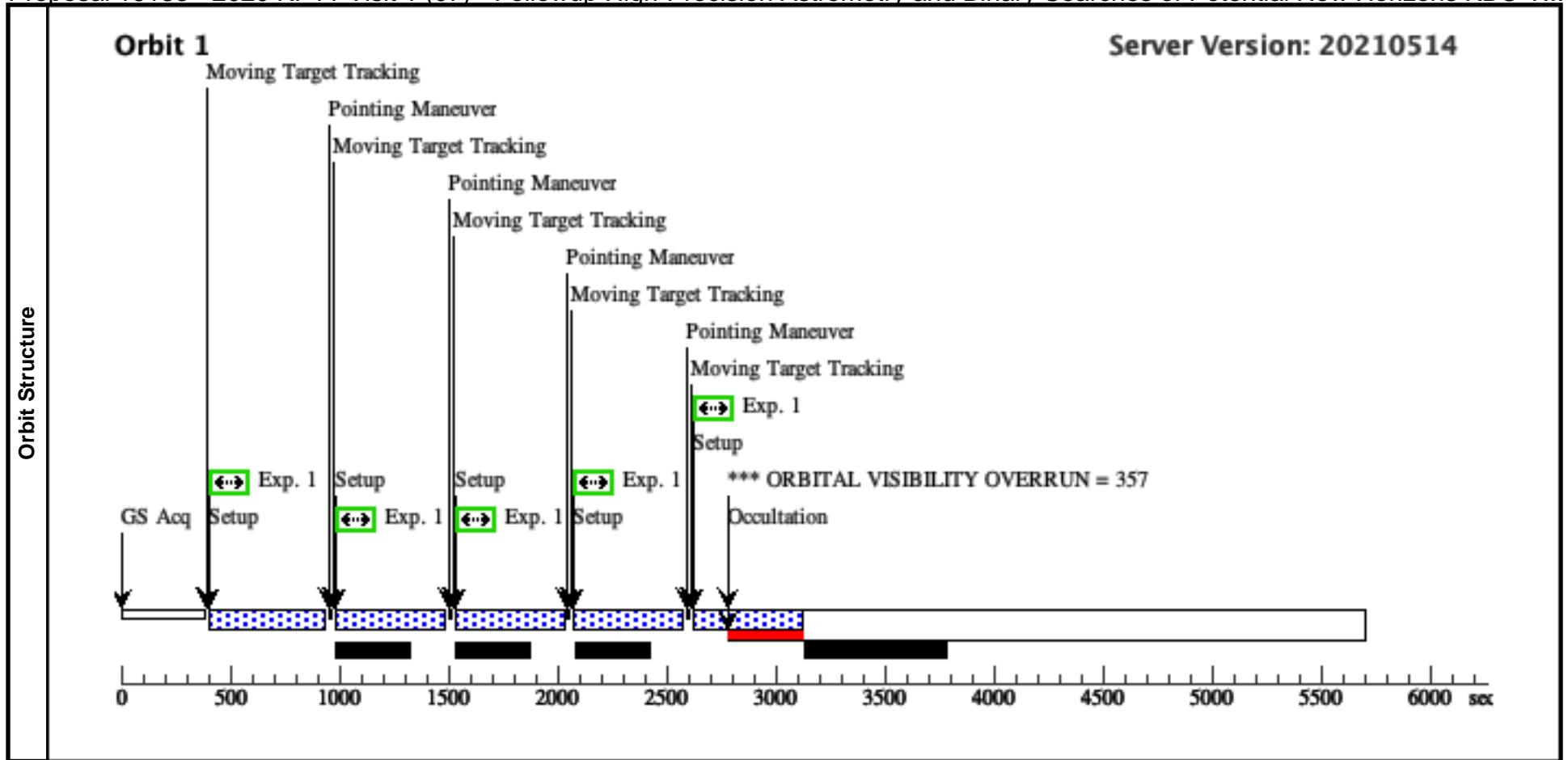
Proposal 16183 - 2020 KU11 Visit 2 (42) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, 2020 KU11 Visit 2 (42), completed <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 06 BY 1 D TO 30 D; BETWEEN 20-OCT-2020:00:00:00 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KU11 Visit 2 (42)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(6)	2020KU11	TYPE=ASTEROID,A=45.0752372096 37,E=0.190333914372,I=15.40278399 6409,O=113.865618689826,W=32.826 874102609,M=122.895539677433,EQ UINOX=J2000,EPOCH=29-MAY- 2020:11:22:33,EpochTimeScale=UTC				EARTH			
Comments: Description=New Horizons Candidate Target Extended=NO										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(6) 2020KU11	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KU11 Visit 2 (42) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KU11 Visit 2 (42) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



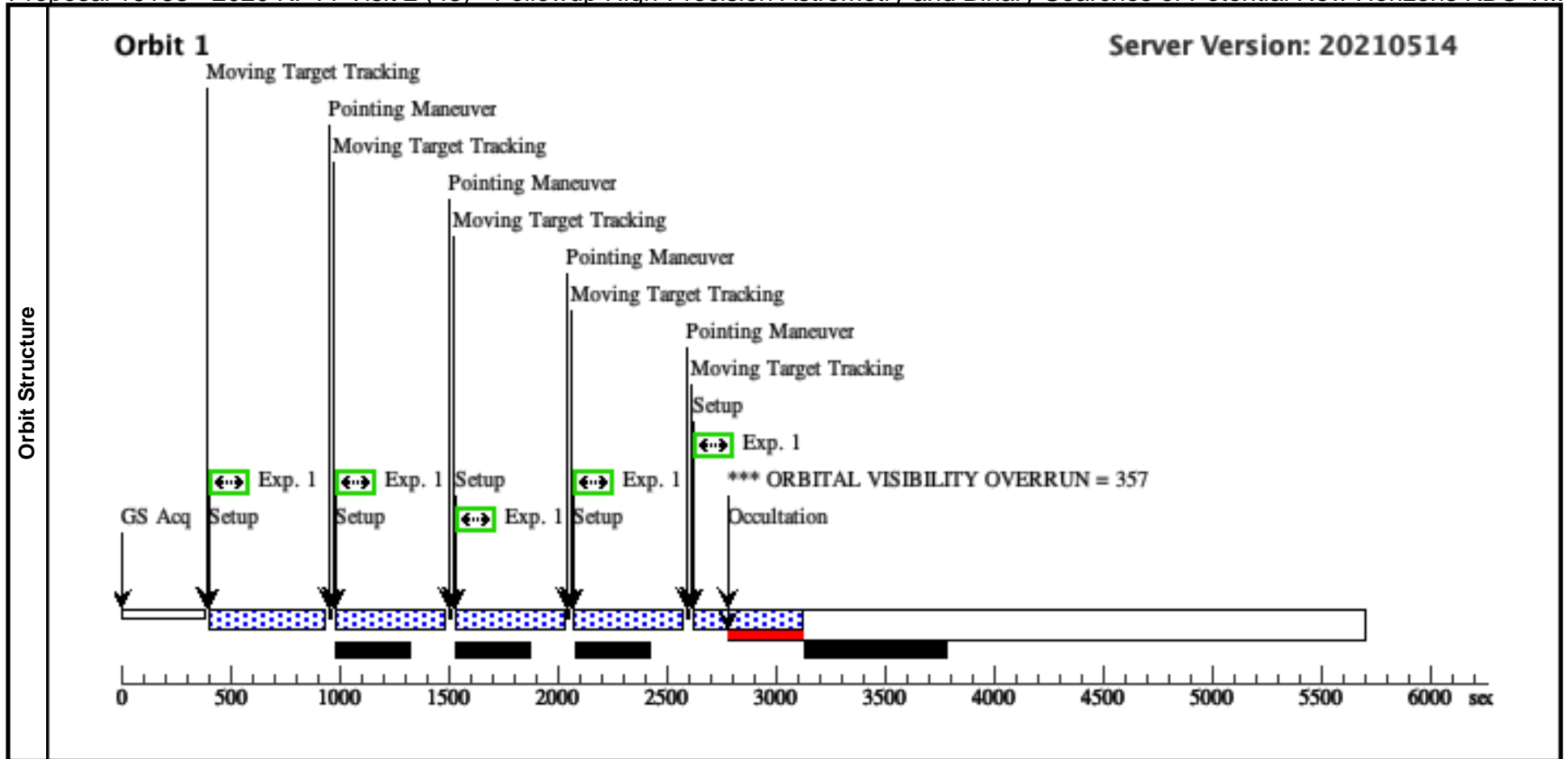
Proposal 16183 - 2020 KP11 Visit 1 (07) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, 2020 KP11 Visit 1 (07), completed</b> <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 20-OCT-2020 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KP11 Visit 1 (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(7)	2020KP11	TYPE=ASTEROID,A=45.1543082556 37,E=0.154916980745,I=22.30881657 9537,O=110.240952001908,W=17.159 325239799,M=150.441949879226,EQ UINOX=J2000,EPOCH=31-MAY- 2020:12:04:58,EpochTimeScale=UTC				EARTH			
<i>Comments: Description=New Horizons Candidate Target                  Extended=NO</i>										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(7) 2020KP11	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KP11 Visit 1 (07) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KP11 Visit 1 (07) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



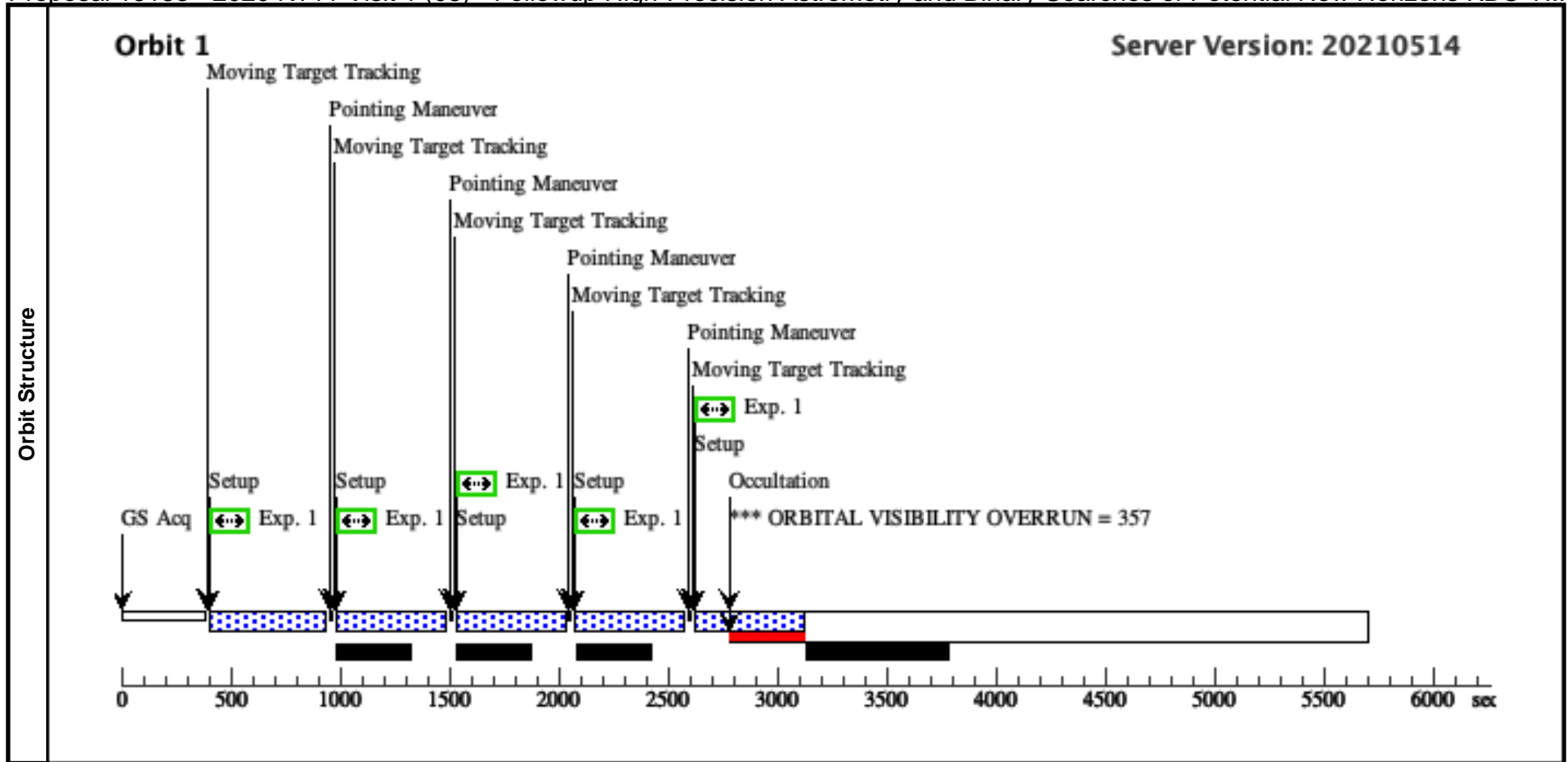
Proposal 16183 - 2020 KP11 Visit 2 (43) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, 2020 KP11 Visit 2 (43), completed</b> <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 07 BY 1 D TO 30 D; BETWEEN 20-OCT-2020 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KP11 Visit 2 (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(7)	2020KP11	TYPE=ASTEROID,A=45.1543082556 37,E=0.154916980745,I=22.30881657 9537,O=110.240952001908,W=17.159 325239799,M=150.441949879226,EQ UINOX=J2000,EPOCH=31-MAY- 2020:12:04:58,EpochTimeScale=UTC  Comments: Description=New Horizons Candidate Target Extended=NO				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(7) 2020KP11	WFC3/UVIS, ACCUM, UVIS2	F350LP				Sequence 1-1 Non-Int in 2020 KP11 Visit 2 (43) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KP11 Visit 2 (43) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



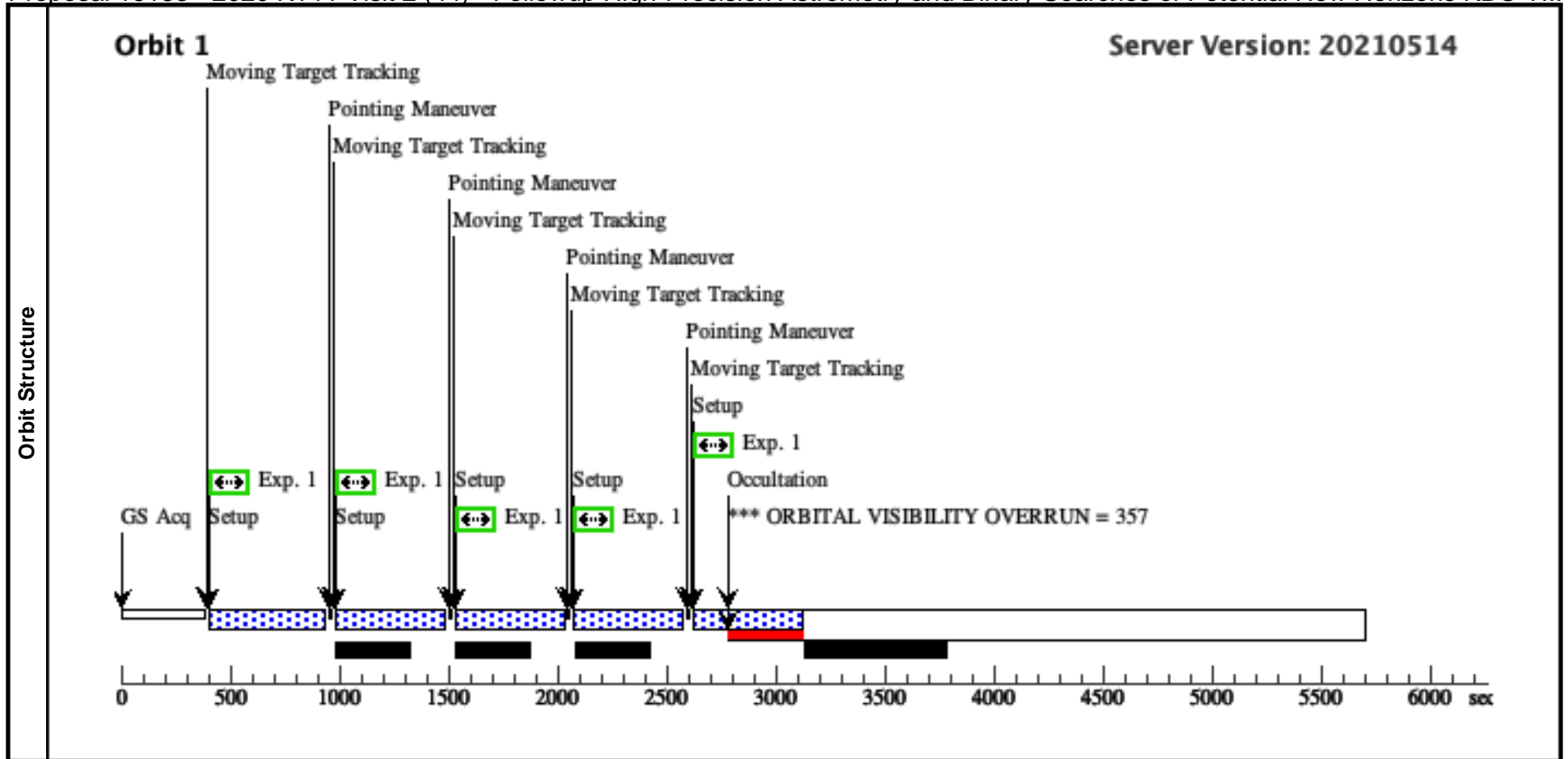
Proposal 16183 - 2020 KT11 Visit 1 (08) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, 2020 KT11 Visit 1 (08), completed</b> <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 21-OCT-2020 AND 09-NOV-2020:00:00:00									
	<b>Diagnosics</b> (2020 KT11 Visit 1 (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(8)	2020KT11	TYPE=ASTEROID,A=43.2023985084 34,E=0.212438981665,I=27.55636484 2700,O=281.538559756767,W=162.24 1893361889,M=213.451762336678,E QUINOX=J2000,EPOCH=29-MAY- 2020:11:22:33,EpochTimeScale=UTC  <i>Comments: Description=New Horizons Candidate Target                  Extended=NO</i>				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(8) 2020KT11	WFC3/UVIS, ACCUM, UVIS2	F350LP				Sequence 1-1 Non-Int in 2020 KT11 Visit 1 (08) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KT11 Visit 1 (08) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



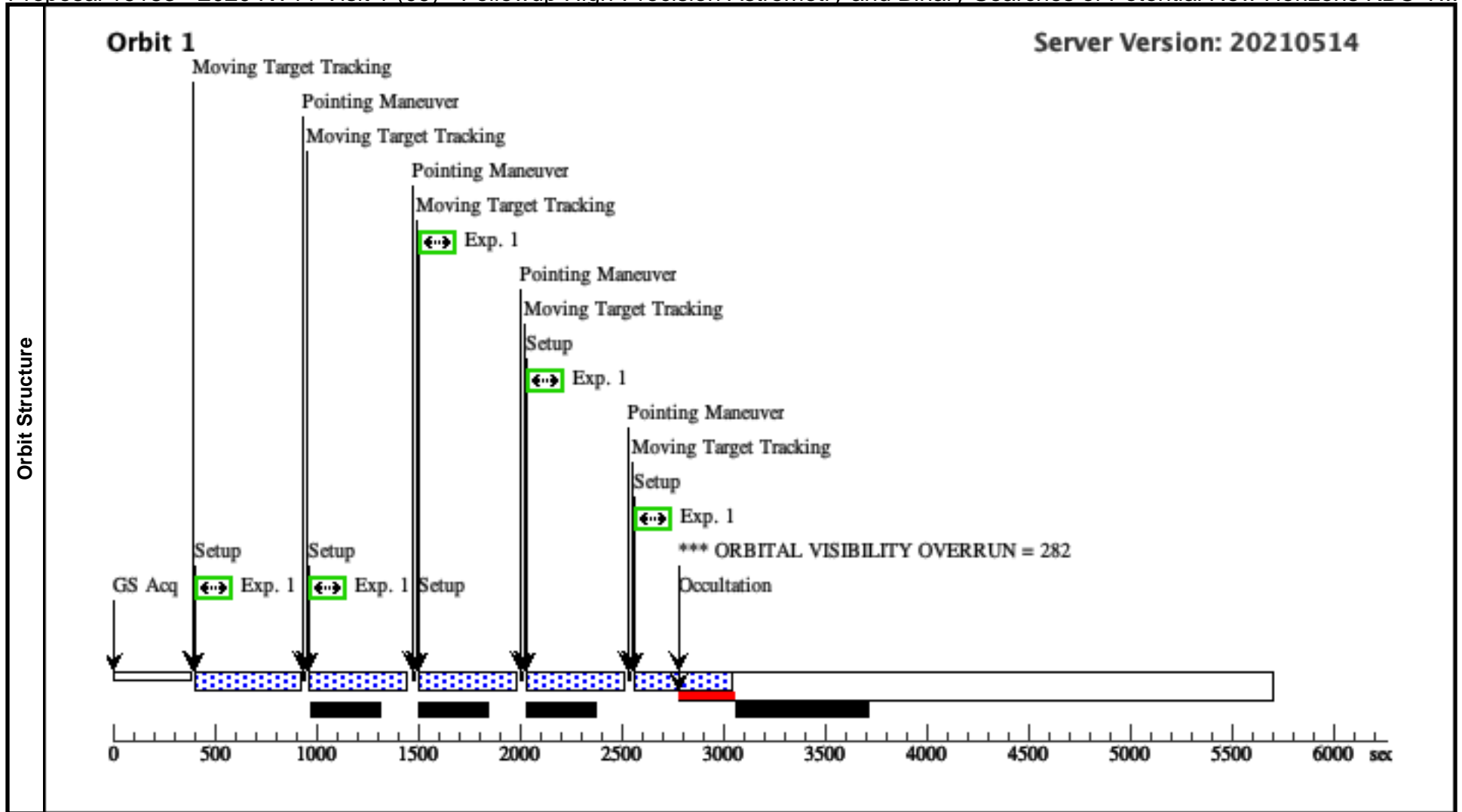
Proposal 16183 - 2020 KT11 Visit 2 (44) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, 2020 KT11 Visit 2 (44), completed <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 08 BY 1 D TO 30 D; BETWEEN 21-OCT-2020 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KT11 Visit 2 (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(8)	2020KT11	TYPE=ASTEROID,A=43.2023985084 34,E=0.212438981665,I=27.55636484 2700,O=281.538559756767,W=162.24 1893361889,M=213.451762336678,E QUINOX=J2000,EPOCH=29-MAY- 2020:11:22:33,EpochTimeScale=UTC  Comments: Description=New Horizons Candidate Target Extended=NO				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(8) 2020KT11	WFC3/UVIS, ACCUM, UVIS2	F350LP				Sequence 1-1 Non-Int in 2020 KT11 Visit 2 (44) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KT11 Visit 2 (44) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



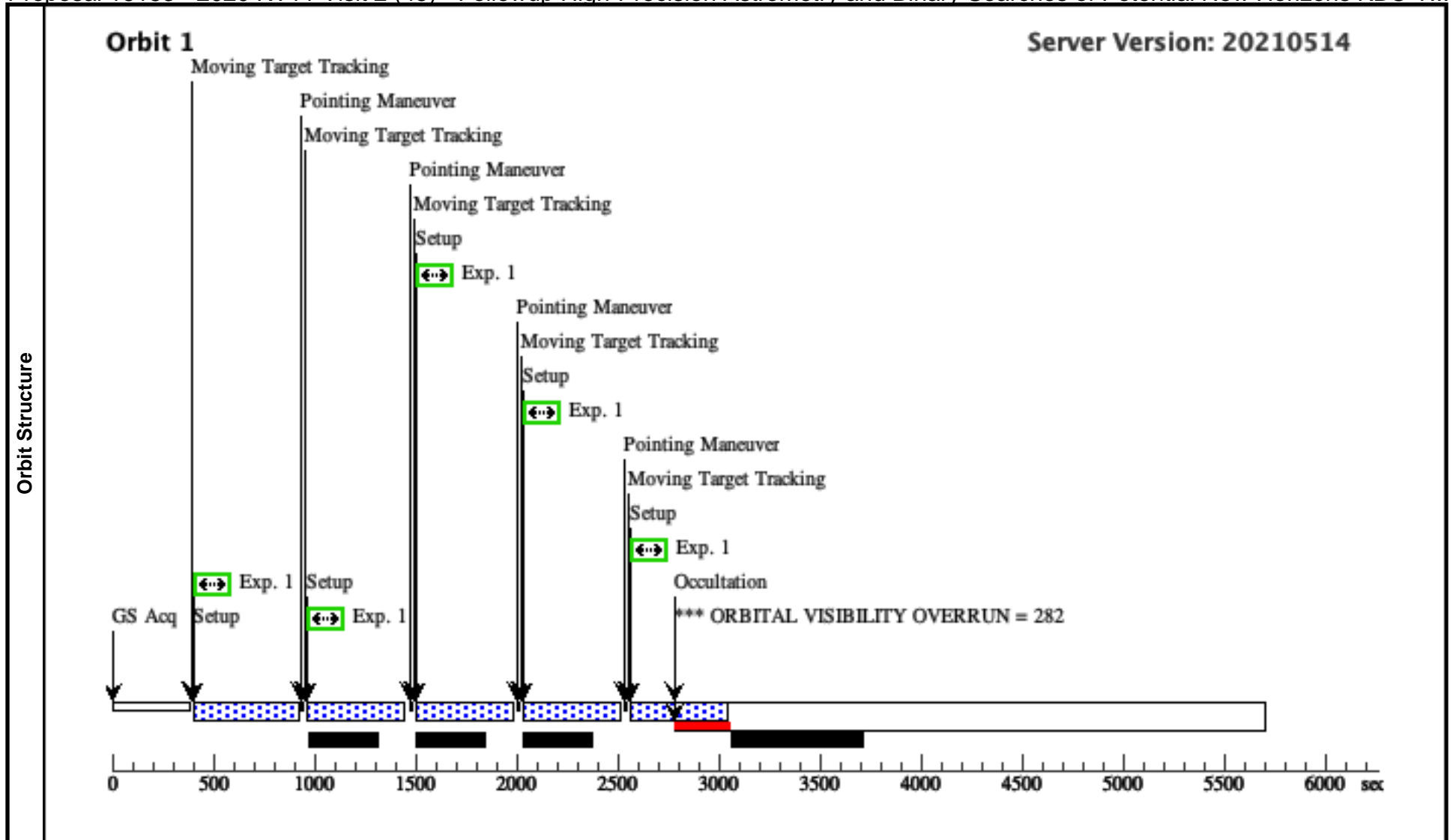
Proposal 16183 - 2020 KV11 Visit 1 (09) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, 2020 KV11 Visit 1 (09), completed</b> <span style="float: right;">Mon Jul 26 16:01:08 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 13-MAY-2021 AND 01-AUG-2021:00:00:00									
	<b>Diagnostics</b> (2020 KV11 Visit 1 (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(9)	2020KV11	TYPE=ASTEROID,A=100.783874222 854,E=0.646605699178,I=4.63133489 0664,O=135.106879654921,W=50.683 597828723,M=26.454938841246,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 105 arcseconds Description=New Horizons Candidate Target Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(9) 2020KV11		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KV11 Visit 1 (09) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KV11 Visit 1 (09) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



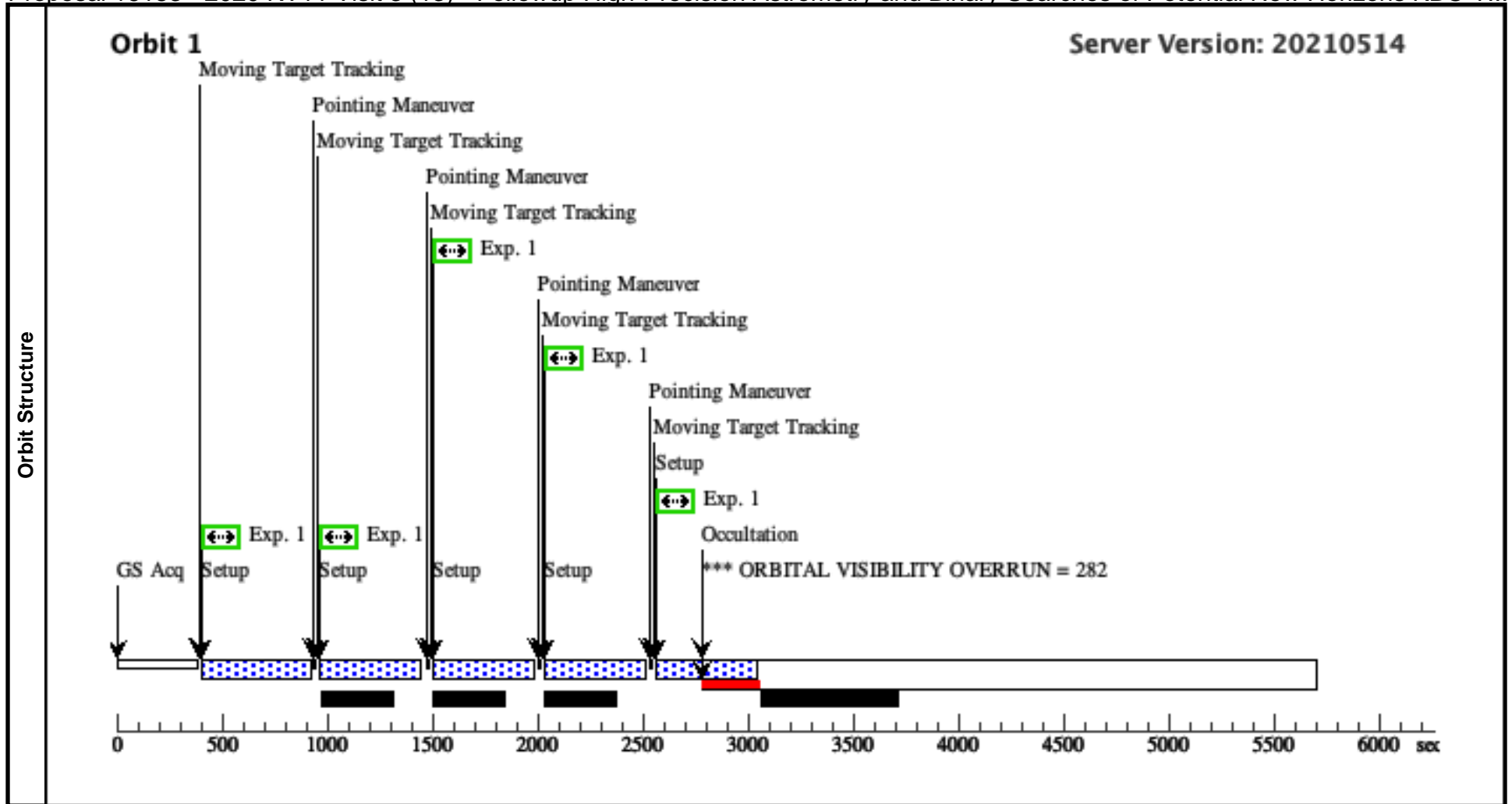
Proposal 16183 - 2020 KV11 Visit 2 (45) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, 2020 KV11 Visit 2 (45), scheduling</b> <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 09 BY 30 D TO 90 D; BETWEEN 01-JUL-2021 AND 03-SEP-2021									
	<b>Diagnostics</b> (2020 KV11 Visit 2 (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(9)	2020KV11	TYPE=ASTEROID,A=100.783874222 854,E=0.646605699178,I=4.63133489 0664,O=135.106879654921,W=50.683 597828723,M=26.454938841246,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 105 arcseconds Description=New Horizons Candidate Target Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(9) 2020KV11		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KV11 Visit 2 (45) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KV11 Visit 2 (45) (1)	370 Secs (1850 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)]	[1]



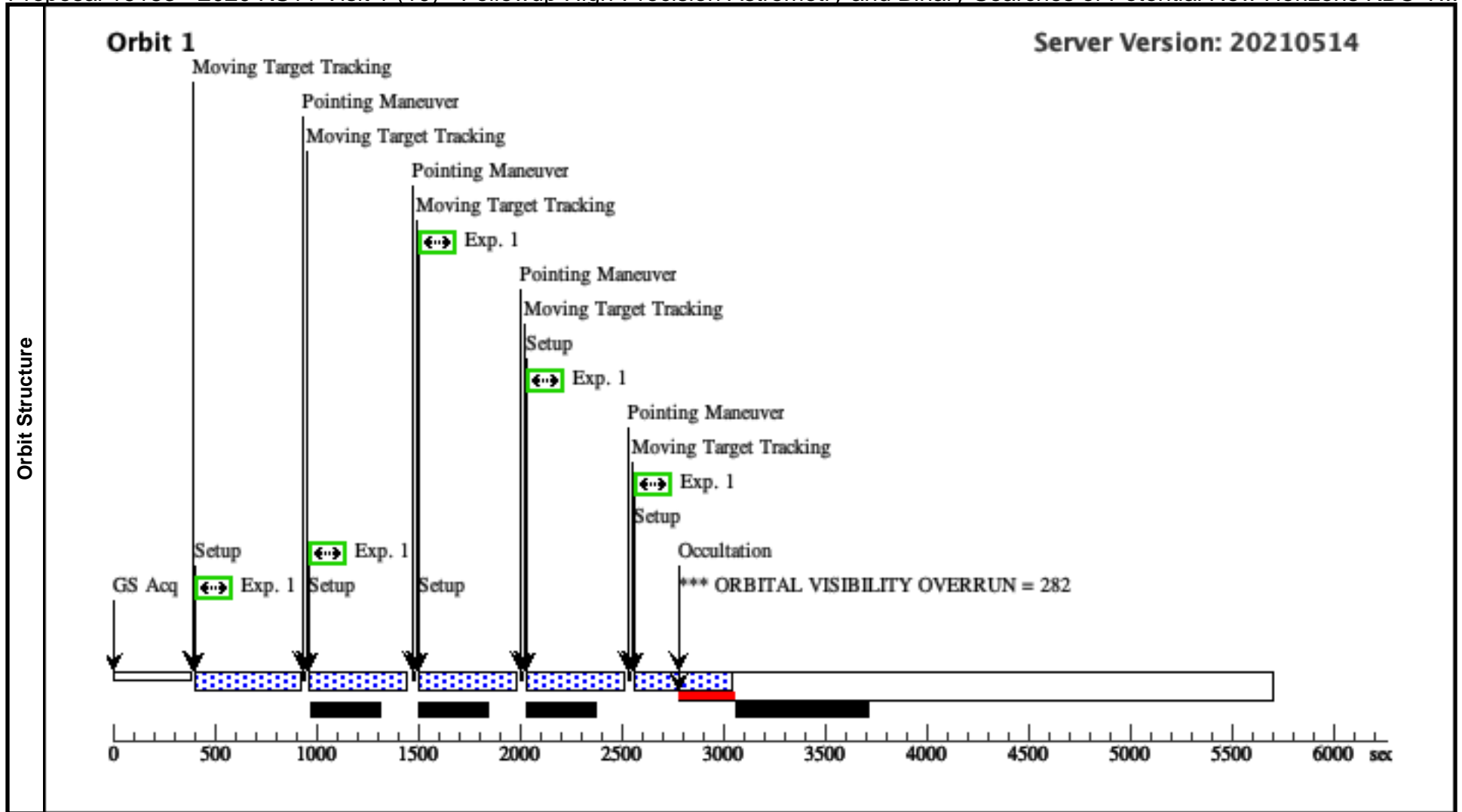
Proposal 16183 - 2020 KV11 Visit 3 (13) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, 2020 KV11 Visit 3 (13), scheduling <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 45 BY 1 D TO 90 D; BETWEEN 13-MAY-2021 AND 03-SEP-2021									
	<b>Diagnostics</b> (2020 KV11 Visit 3 (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(9)	2020KV11	TYPE=ASTEROID,A=100.783874222 854,E=0.646605699178,I=4.63133489 0664,O=135.106879654921,W=50.683 597828723,M=26.454938841246,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 105 arcseconds Description=New Horizons Candidate Target Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(9) 2020KV11		WFC3/UVIS, ACCUM, UVIS1	F350LP			Sequence 1-1 Non-Int in 2020 KV11 Visit 3 (13) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KV11 Visit 3 (13) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



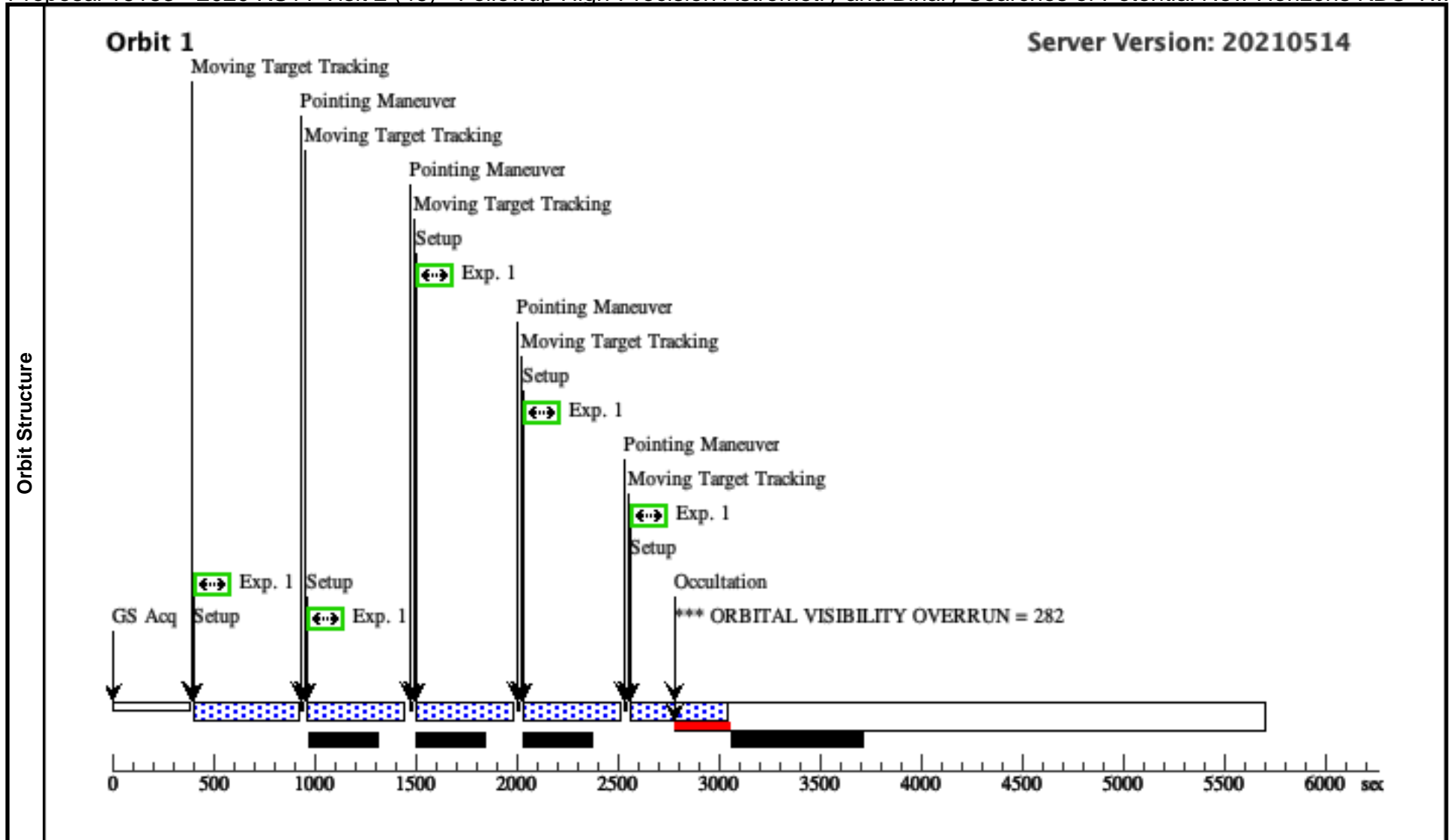
Proposal 16183 - 2020 KS11 Visit 1 (10) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, 2020 KS11 Visit 1 (10), scheduled <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 11-MAY-2021 AND 01-AUG-2021									
	<b>Diagnostics</b> (2020 KS11 Visit 1 (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(10)	2020KS11	TYPE=ASTEROID,A=125.644353927 204,E=0.726769760474,I=2.65268196 5132,O=169.458232909849,W=28.936 271486157,M=14.277447647030,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 71 arcseconds Description=New Horizons Candidate Target Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(10) 2020KS11	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KS11 Visit 1 (10) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KS11 Visit 1 (10) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



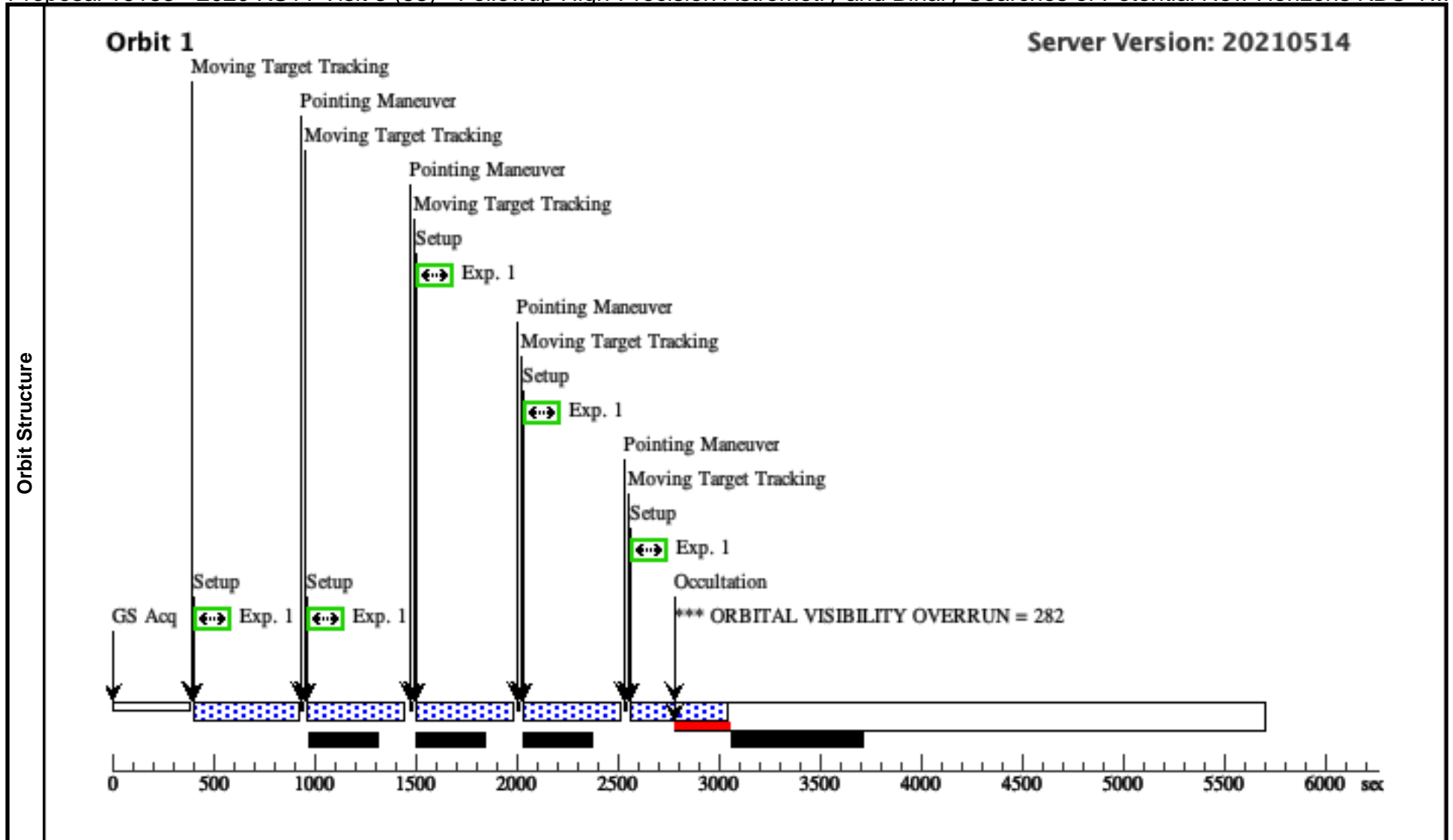
Proposal 16183 - 2020 KS11 Visit 2 (46) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, 2020 KS11 Visit 2 (46), scheduling <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 10 BY 30 D TO 90 D; BETWEEN 01-JUL-2021 AND 07-SEP-2021									
	<b>Diagnostics</b> (2020 KS11 Visit 2 (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(10)	2020KS11	TYPE=ASTEROID,A=125.644353927 204,E=0.726769760474,I=2.65268196 5132,O=169.458232909849,W=28.936 271486157,M=14.277447647030,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 71 arcseconds Description=New Horizons Candidate Target Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(10) 2020KS11	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KS11 Visit 2 (46) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KS11 Visit 2 (46) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



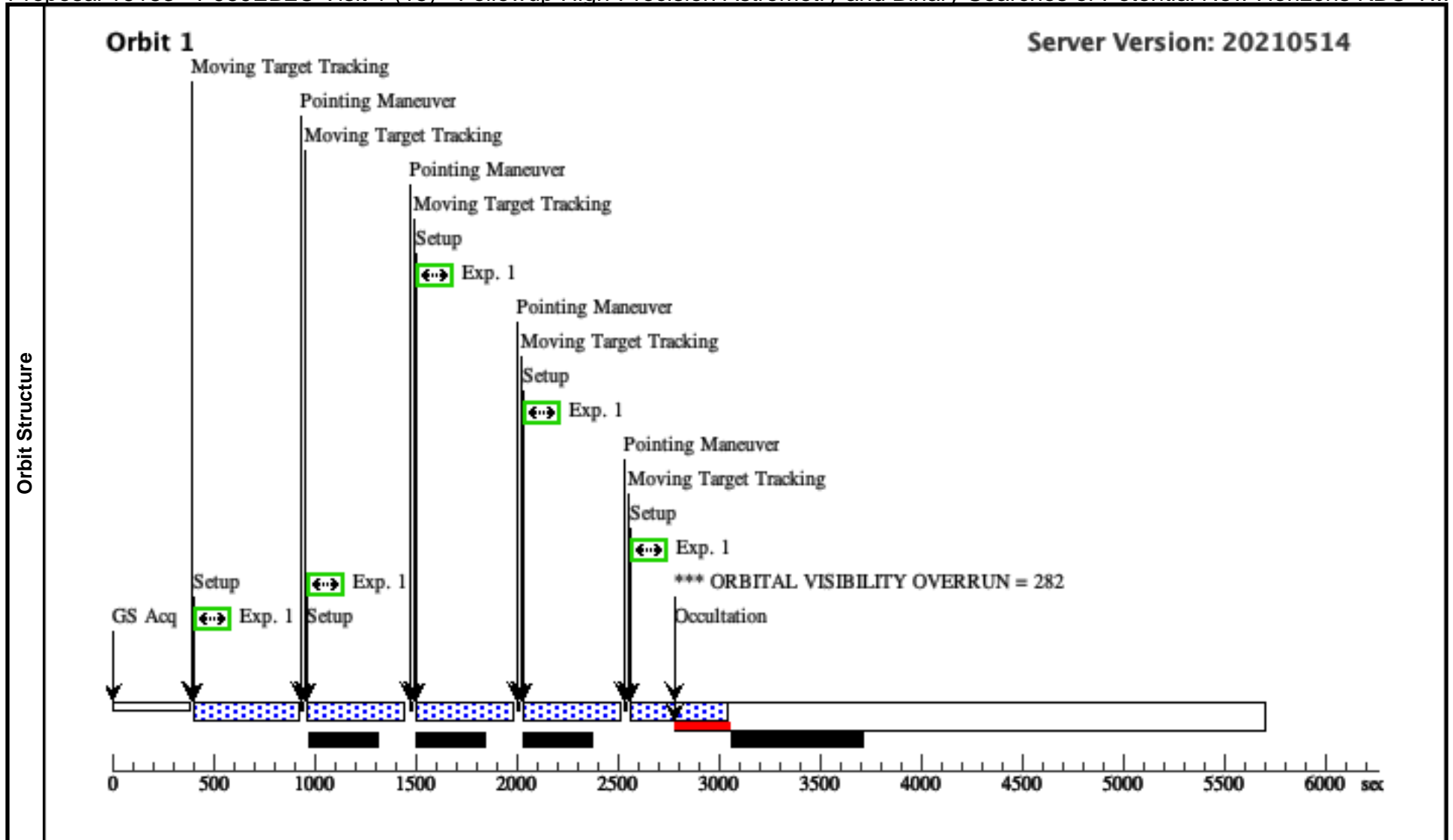
Proposal 16183 - 2020 KS11 Visit 3 (58) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, 2020 KS11 Visit 3 (58), scheduling</b> <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 46 BY 1 D TO 90 D; BETWEEN 11-MAY-2021 AND 07-SEP-2021									
	<b>Diagnostics</b> (2020 KS11 Visit 3 (58)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(10)	2020KS11	TYPE=ASTEROID,A=125.644353927 204,E=0.726769760474,I=2.65268196 5132,O=169.458232909849,W=28.936 271486157,M=14.277447647030,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  <i>Comments: 1-sigma uncertainty at 2021 opposition = 71 arcseconds</i> <i>Description=New Horizons Candidate Target</i> <i>Extended=NO</i>  <i>Acquisition Uncertainty: 0 Arcsec</i>				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(10) 2020KS11	WFC3/UVIS, ACCUM, UVIS1	F350LP				Sequence 1-1 Non-Int in 2020 KS11 Visit 3 (58) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KS11 Visit 3 (58) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



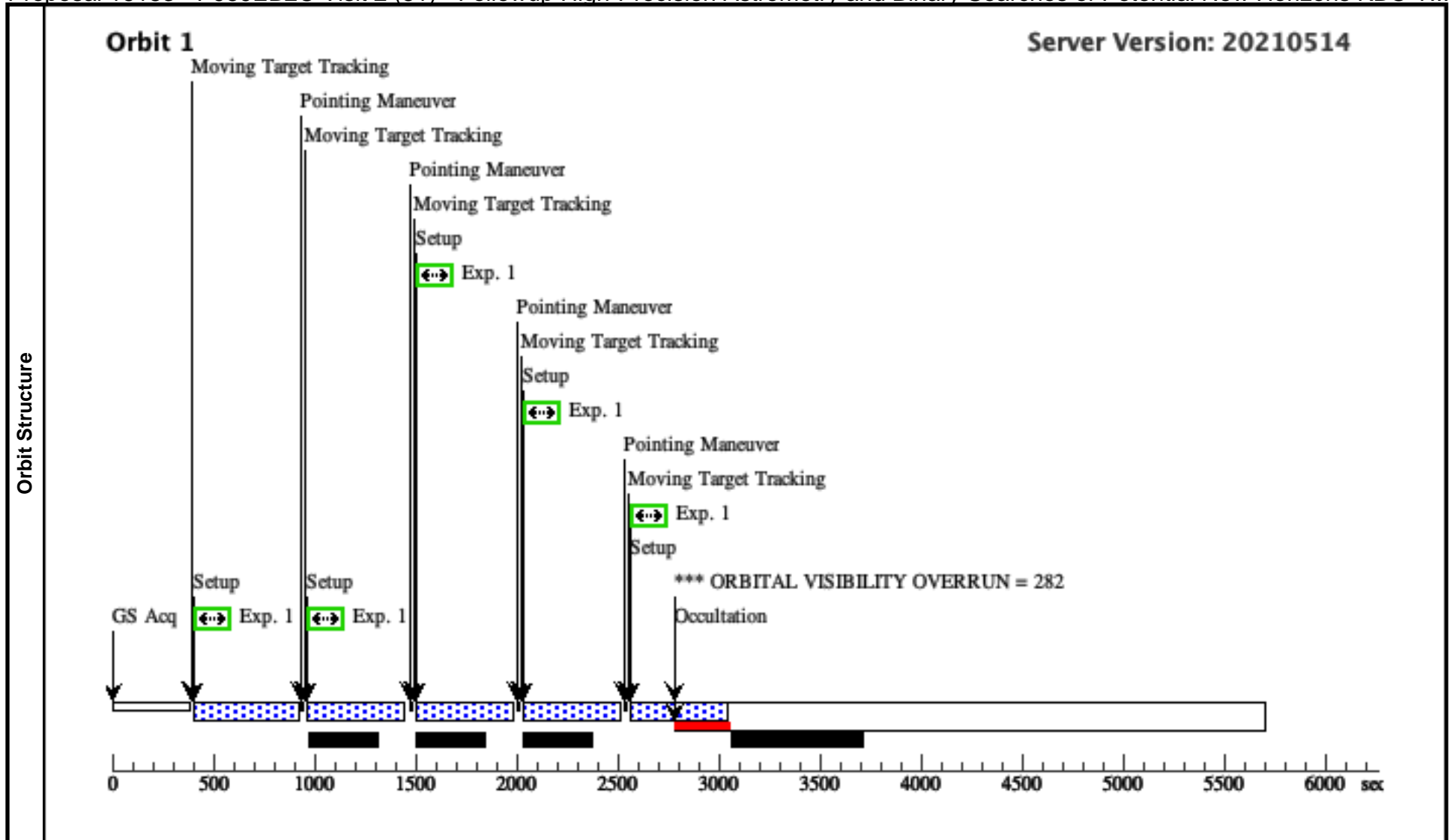
Proposal 16183 - P959EB2C Visit 1 (15) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, P959EB2C Visit 1 (15), completed</b> <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-MAY-2021 AND 14-SEP-2021									
	<b>Diagnostics</b> (P959EB2C Visit 1 (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(15)	P959EB2C	TYPE=ASTEROID,A=69.3822515451 88,E=0.465358048327,I=17.74094980 6417,O=114.720826208544,W=121.12 8883670138,M=18.644625797735,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  Comments: 1-sigma uncertainty at 2021 opposition = 94 arcseconds Description=P959eb2c Extended=NO  Acquisition Uncertainty: 0 Arcsec				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(15) P959EB2C		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P959EB2C Visit 1 (15) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P959EB2C Visit 1 (15) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



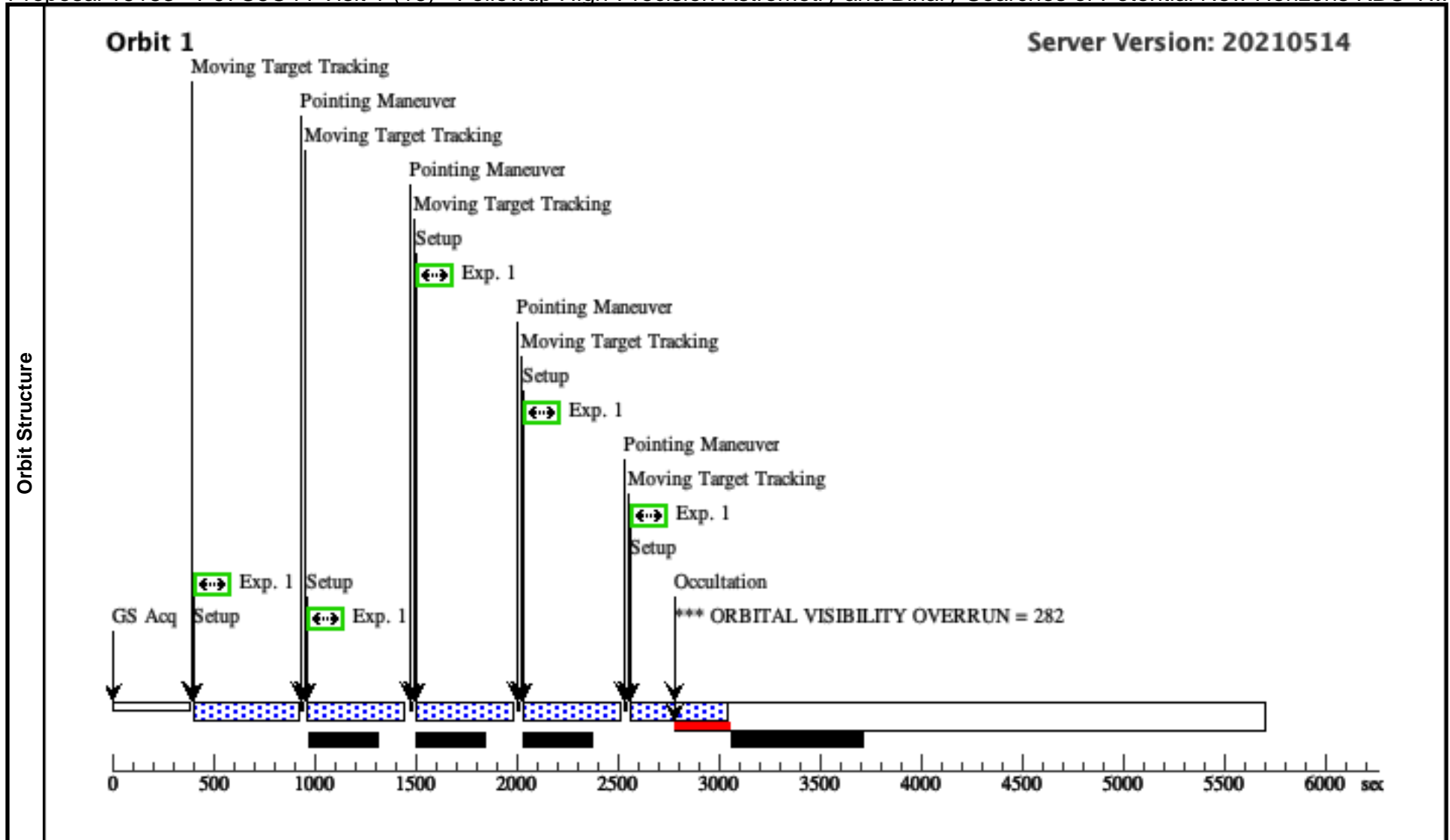
Proposal 16183 - P959EB2C Visit 2 (51) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P959EB2C Visit 2 (51), scheduled <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 15 BY 1 D TO 90 D; BETWEEN 08-MAY-2021 AND 14-SEP-2021									
	<b>Diagnostics</b> (P959EB2C Visit 2 (51)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>				
	(15)	P959EB2C	TYPE=ASTEROID,A=69.3822515451 88,E=0.465358048327,I=17.74094980 6417,O=114.720826208544,W=121.12 8883670138,M=18.644625797735,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  <i>Comments: 1-sigma uncertainty at 2021 opposition = 94 arcseconds</i> <i>Description=P959eb2c</i> <i>Extended=NO</i>  <i>Acquisition Uncertainty: 0 Arcsec</i>				EARTH			
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(15) P959EB2C		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P959EB2C Visit 2 (51) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P959EB2C Visit 2 (51) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



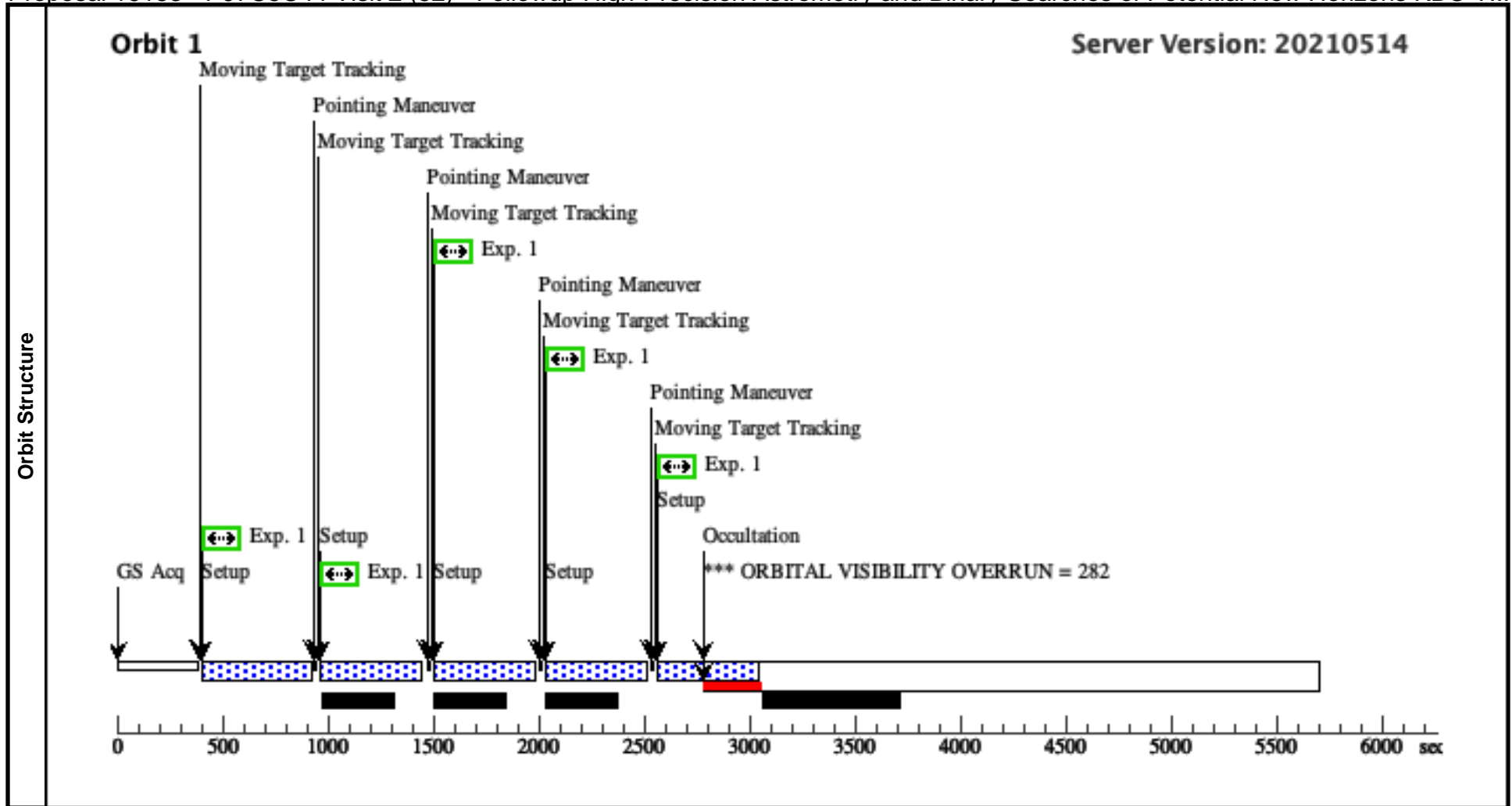
Proposal 16183 - P97C5C44 Visit 1 (16) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P97C5C44 Visit 1 (16), completed <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2021 AND 12-SEP-2021									
	<b>Diagnostics</b> (P97C5C44 Visit 1 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(16)	P97C5C44	TYPE=ASTEROID,A=68.3090914343 71,E=0.442978164679,I=13.21303426 3815,O=273.666246605872,W=334.38 8081727324,M=14.384316264482,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  <i>Comments: 1-sigma uncertainty at 2021 opposition = 47 arcseconds</i> <i>Description=P97c5c44</i> <i>Extended=NO</i>  <i>Acquisition Uncertainty: 0 Arcsec</i>				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(16) P97C5C44		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P97C5C44 Visit 1 (16) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P97C5C44 Visit 1 (16) (1)	370 Secs (1850 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)]	[1]



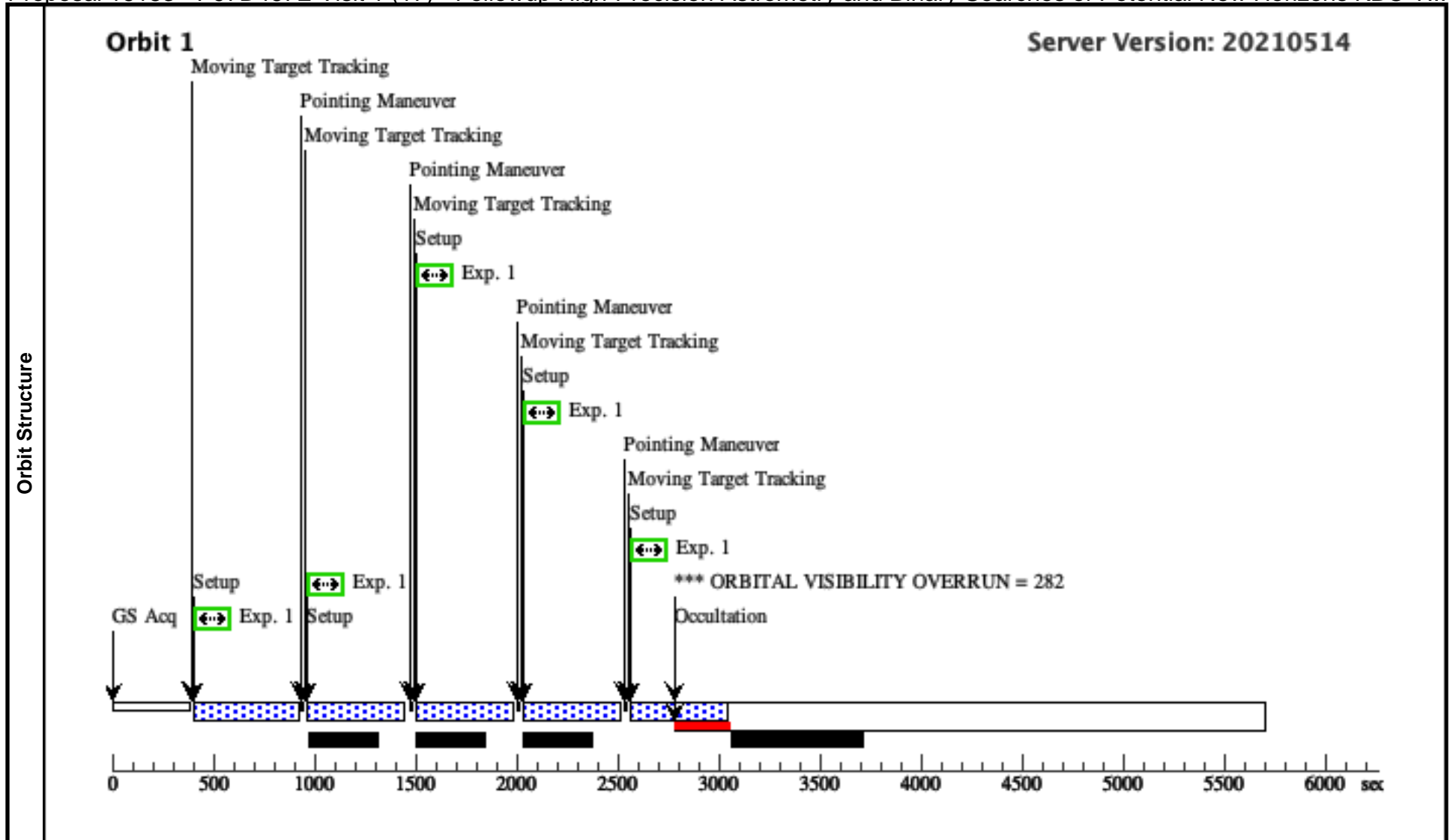
Proposal 16183 - P97C5C44 Visit 2 (52) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, P97C5C44 Visit 2 (52), scheduled</b> <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 16 BY 1 D TO 90 D; BETWEEN 06-MAY-2021 AND 12-SEP-2021									
	<b>Diagnostics</b> (P97C5C44 Visit 2 (52)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(16)	P97C5C44	TYPE=ASTEROID,A=68.3090914343 71,E=0.442978164679,I=13.21303426 3815,O=273.666246605872,W=334.38 8081727324,M=14.384316264482,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 47 arcseconds Description=P97c5c44 Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(16) P97C5C44	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P97C5C44 Visit 2 (52) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P97C5C44 Visit 2 (52) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



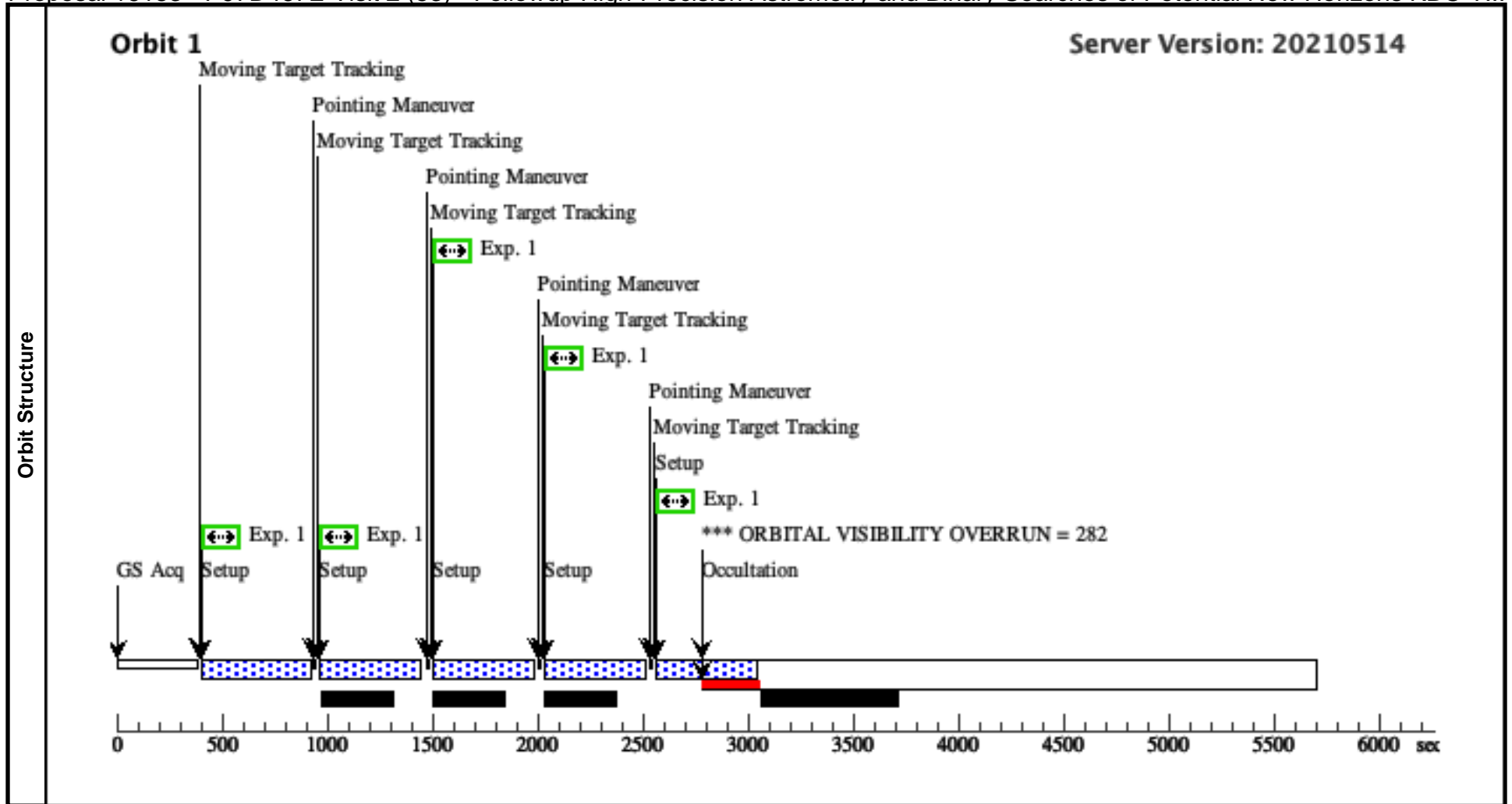
Proposal 16183 - P97D467E Visit 1 (17) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P97D467E Visit 1 (17), completed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2021 AND 16-SEP-2021						Mon Jul 26 16:01:09 GMT 2021			
	(P97D467E Visit 1 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(17)	P97D467E	TYPE=ASTEROID,A=80.6053883468 26,E=0.600940045027,I=22.35802230 1228,O=112.488041500769,W=162.01 5499831508,M=2.630157412027,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 73 arcseconds Description=P97d467e Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(17) P97D467E	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P97D467E Visit 1 (17) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P97D467E Visit 1 (17) (1)	370 Secs (1850 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)]	[1]



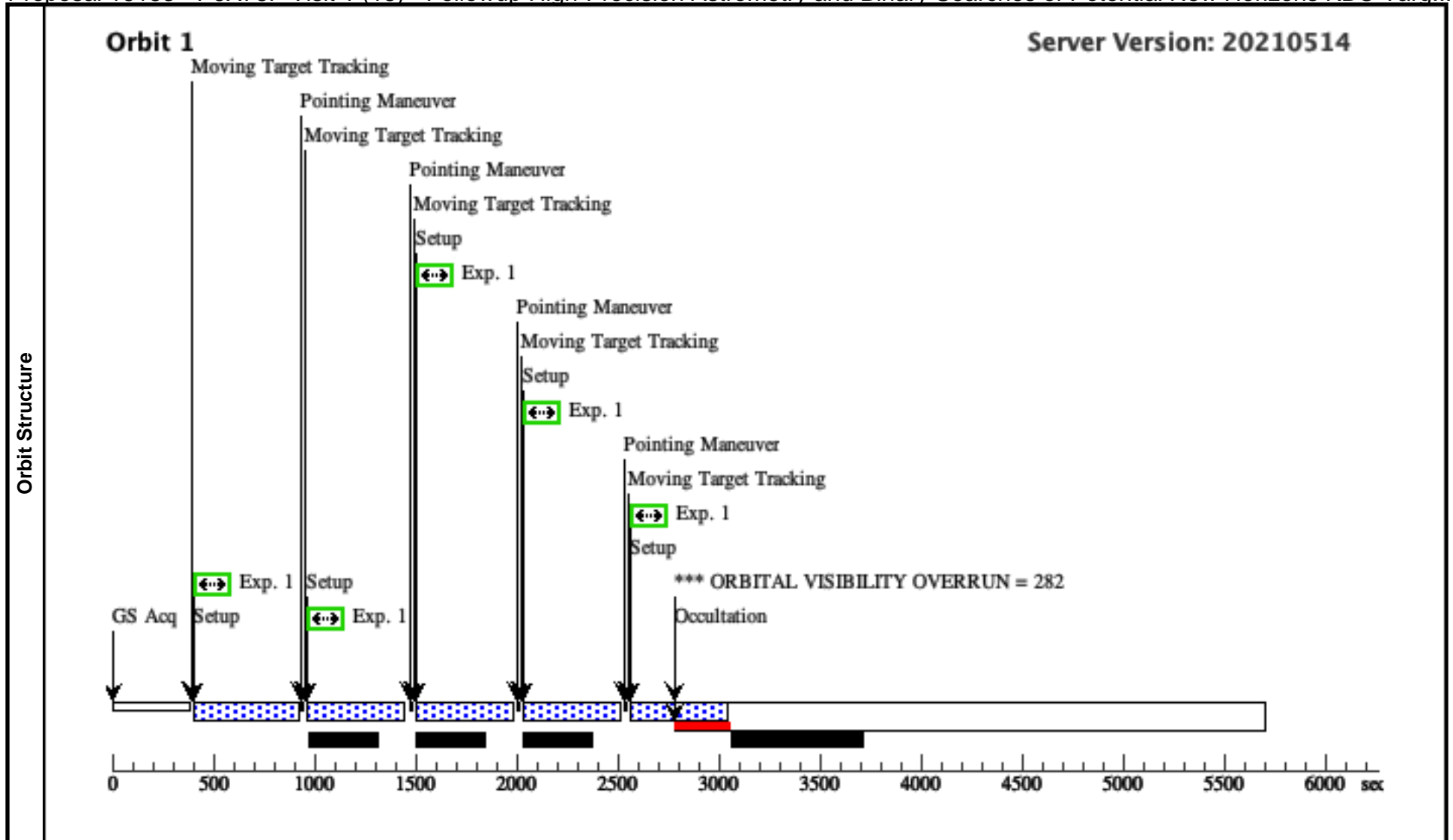
Proposal 16183 - P97D467E Visit 2 (53) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P97D467E Visit 2 (53), scheduled <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 17 BY 1 D TO 90 D; BETWEEN 06-MAY-2021 AND 16-SEP-2021									
	<b>Diagnostics</b> (P97D467E Visit 2 (53)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(17)	P97D467E	TYPE=ASTEROID,A=80.6053883468 26,E=0.600940045027,I=22.35802230 1228,O=112.488041500769,W=162.01 5499831508,M=2.630157412027,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 73 arcseconds Description=P97d467e Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(17) P97D467E	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P97D467E Visit 2 (53) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P97D467E Visit 2 (53) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



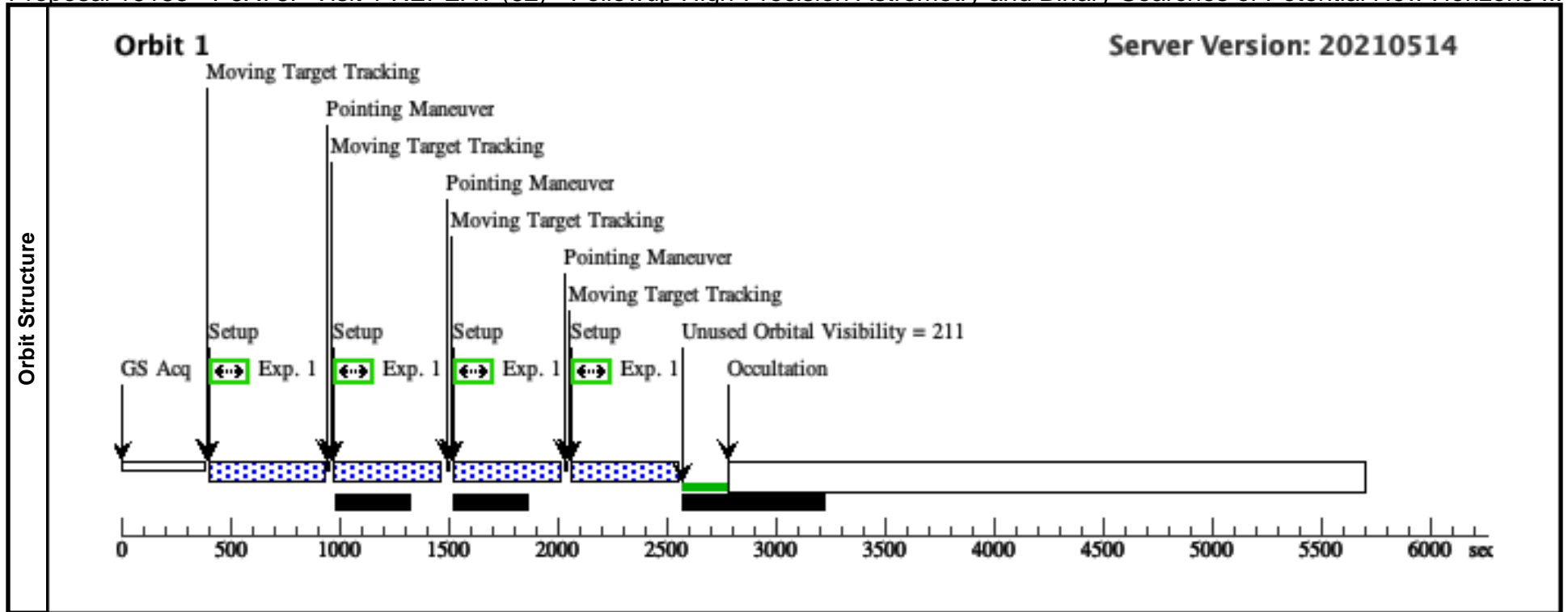
Proposal 16183 - P6X78F Visit 1 (18) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Targ...

<b>Visit</b>	Proposal 16183, P6X78F Visit 1 (18), failed <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 04-MAY-2021 AND 12-SEP-2021									
	<b>Diagnostics</b>									
<b>Patterns</b>	(P6X78F Visit 1 (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
	#	Primary Pattern			Secondary Pattern		Exposures			
(1)	Pattern Type=LINE                      Coordinate Frame=CELESTIAL Purpose=OTHER                              Pattern Orientation=0 Number Of Points=5                      Angle Between Sides= Point Spacing=0.030                      Center Pattern=true Line Spacing=					(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(18)	P6X78F	TYPE=ASTEROID,A=59.6460751440 68,E=0.372293519601,I=24.91623339 4315,O=279.319649532656,W=312.53 9765075450,M=25.699222194678,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 51 arcseconds Description=P6x78f Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(18) P6X78F		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P6X78F Visit 1 (18) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P6X78F Visit 1 (18) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



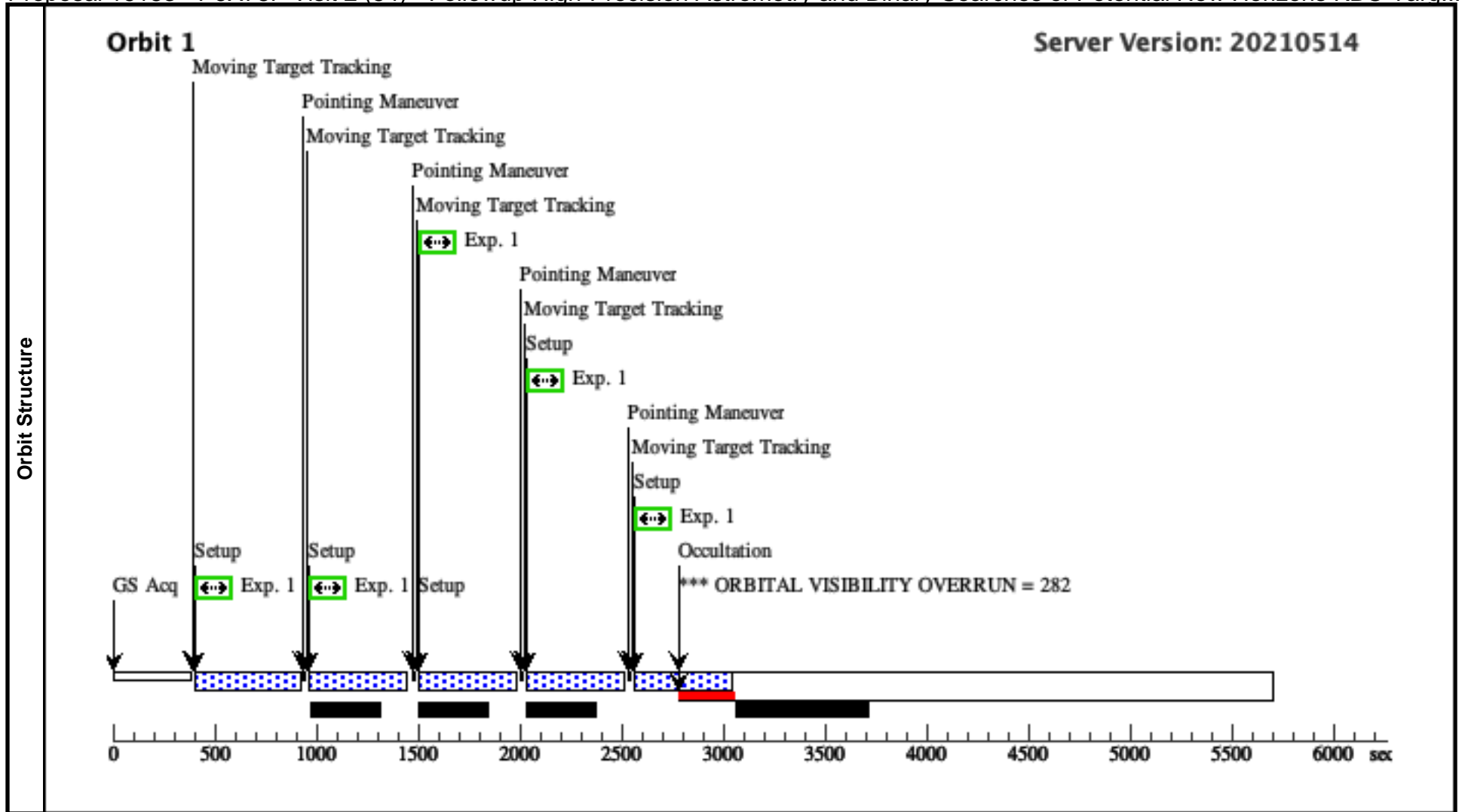
Proposal 16183 - P6X78F Visit 1 REPEAT (62) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons ...

<b>Visit</b>	<b>Proposal 16183, P6X78F Visit 1 REPEAT (62)</b> <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 04-MAY-2021 AND 12-SEP-2021 Comments: Repeat of failed visit 18 (HOPR 92031)									
	<b>Patterns</b>	# (2)	<b>Primary Pattern</b> Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	<b>Secondary Pattern</b> Coordinate Frame=POS-TARG Pattern Orientation=23.884 Angle Between Sides=81.785 Center Pattern=false			<b>Exposures</b> (1)			
<b>Solar System Targets</b>	# (18)	<b>Name</b> P6X78F	<b>Level 1</b> TYPE=ASTEROID,A=59.6460751440 68,E=0.372293519601,I=24.91623339 4315,O=279.319649532656,W=312.53 9765075450,M=25.699222194678,EQ UINOX=J2000,EPOCH=15-JUL-2021:00:00:00,EpochTimeScale=UTC	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b> EARTH			
	Comments: 1-sigma uncertainty at 2021 opposition = 51 arcseconds Description=P6x78f Extended=NO Acquisition Uncertainty: 0 Arcsec									
<b>Exposures</b>	# 1	<b>Label</b> (18) P6X78F	<b>Target</b> WFC3/UVIS, ACCUM, UVIS2	<b>Config,Mode,Aperture</b> WFC3/UVIS, ACCUM, UVIS2	<b>Spectral Els.</b> F350LP	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b> Sequence 1-1 Non-Int in P6X78F Visit 1 REPEAT (62) Pattern 2, Exps 1-1 in Sequence 1-1 Non-Int in P6X78F Visit 1 REPEAT (62) (2)	<b>Exp. Time (Total)/[Actual Dur.]</b> 380 Secs (1520 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	<b>Orbit</b> [1]



Proposal 16183 - P6X78F Visit 2 (54) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Targ...

<b>Visit</b>	<b>Proposal 16183, P6X78F Visit 2 (54), completed</b> <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 18 BY 1 D TO 90 D; BETWEEN 04-MAY-2021 AND 12-SEP-2021									
	<b>Diagnosics</b> (P6X78F Visit 2 (54)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(18)	P6X78F	TYPE=ASTEROID,A=59.6460751440 68,E=0.372293519601,I=24.91623339 4315,O=279.319649532656,W=312.53 9765075450,M=25.699222194678,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 51 arcseconds Description=P6x78f Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(18) P6X78F	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P6X78F Visit 2 (54) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P6X78F Visit 2 (54) (1)	370 Secs (1850 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)] [==>(Pattern 5)]	[1]



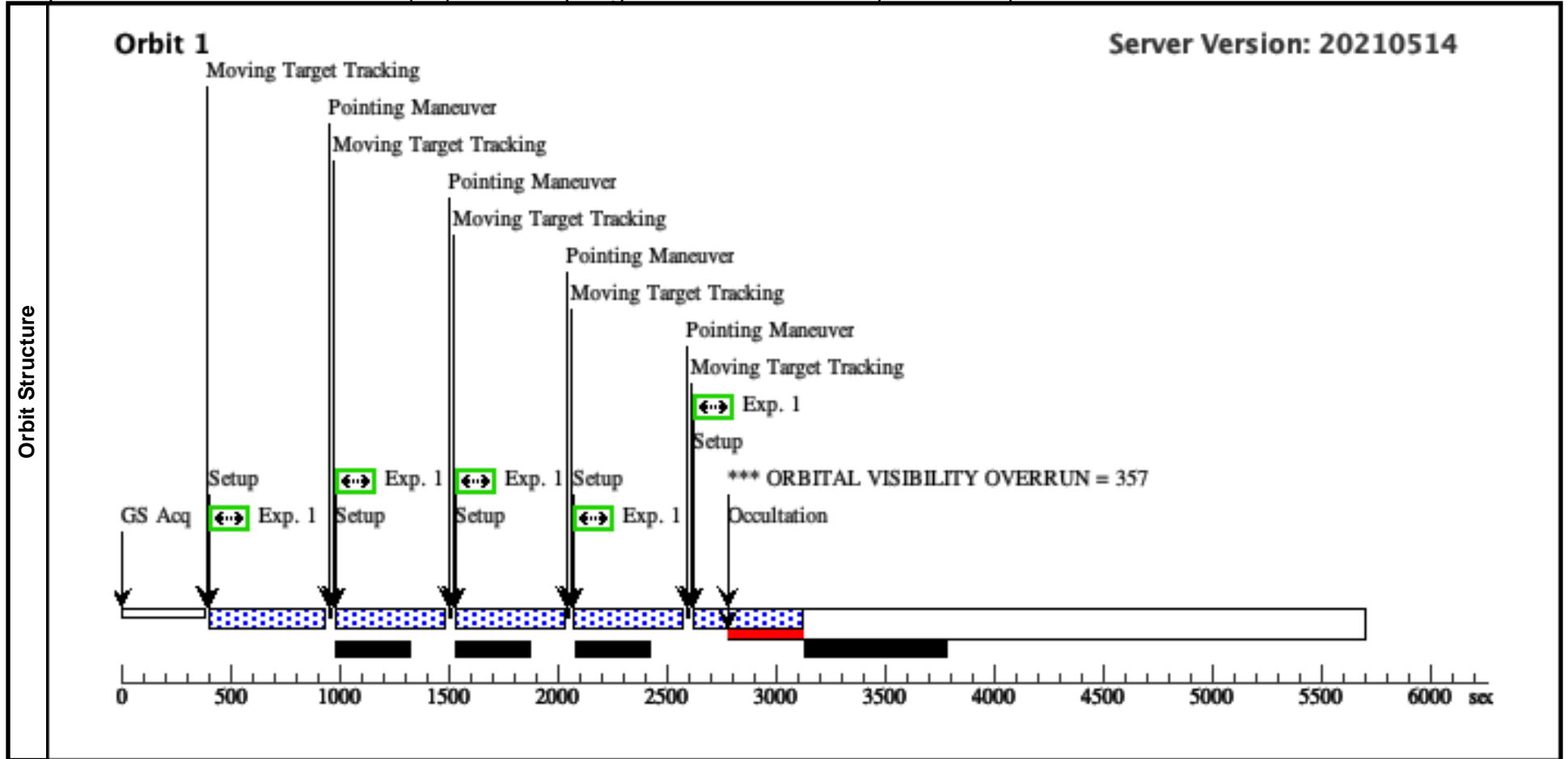
Proposal 16183 - P72X4B2 Visit 1 (11) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Ta...

<b>Visit</b>	Proposal 16183, P72X4B2 Visit 1 (11), completed <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-MAY-2021 AND 14-SEP-2021									
	<b>Diagnostics</b> (P72X4B2 Visit 1 (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(19)	P72X4B2	TYPE=ASTEROID,A=67.8069035552 16,E=0.476792355896,I=2.731983732 410,O=156.534301250540,W=137.261 263242174,M=358.405193351586,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  Comments: 1-sigma uncertainty at 2021 opposition = 20 arcseconds Description=P72x4b2 Extended=NO  Acquisition Uncertainty: 20 Arcsec				EARTH			
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(19) P72X4B2	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72X4B2 Visit 1 (11) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P72X4B2 Visit 1 (11) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



Proposal 16183 - P72X4B2 Visit 2 (47) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Ta...

<b>Visit</b>	Proposal 16183, P72X4B2 Visit 2 (47), completed <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 11 BY 1 D TO 90 D; BETWEEN 08-MAY-2021 AND 14-SEP-2021									
	<b>Diagnostics</b> (P72X4B2 Visit 2 (47)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(19)	P72X4B2	TYPE=ASTEROID,A=67.8069035552 16,E=0.476792355896,I=2.731983732 410,O=156.534301250540,W=137.261 263242174,M=358.405193351586,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 20 arcseconds Description=P72x4b2 Extended=NO Acquisition Uncertainty: 20 Arcsec										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(19) P72X4B2	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72X4B2 Visit 2 (47) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P72X4B2 Visit 2 (47) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



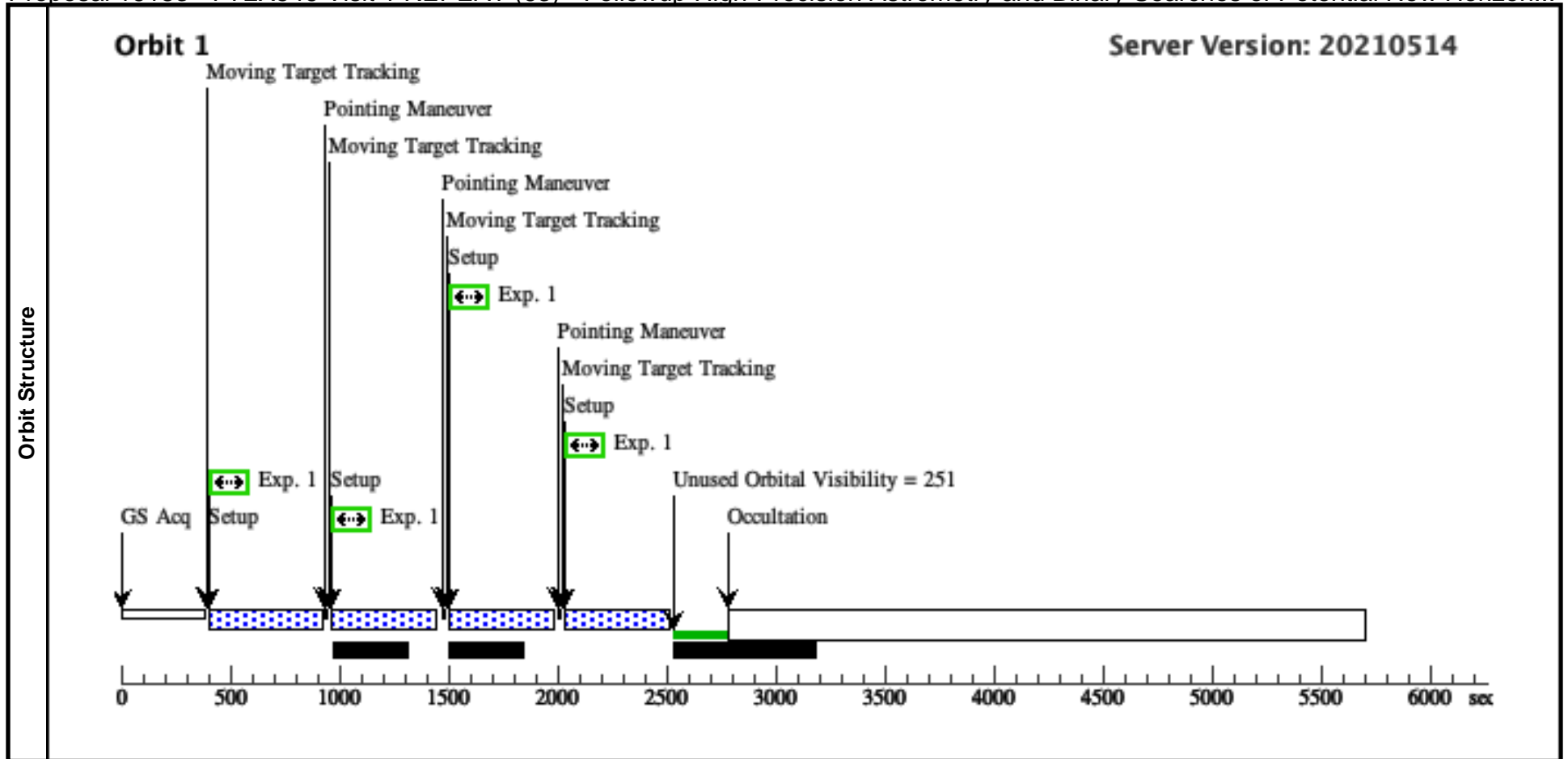
Proposal 16183 - P72X546 Visit 1 (14) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Tar...

<b>Visit</b>	Proposal 16183, P72X546 Visit 1 (14), failed Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 11-MAY-2021 AND 11-SEP-2021						Mon Jul 26 16:01:09 GMT 2021			
	(P72X546 Visit 1 (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(20)	P72X546	TYPE=ASTEROID,A=144.815360485 486,E=0.704399560646,I=7.80347086 8864,O=119.955287289608,W=181.75 2264832506,M=358.355259369128,E QUINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 70 arcseconds Description=P72x546 Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(20) P72X546	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72X546 Visit 1 (14) Pattern 1, Exps 1-1 i n Sequence 1-1 Non- Int in P72X546 Visit 1 (14) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



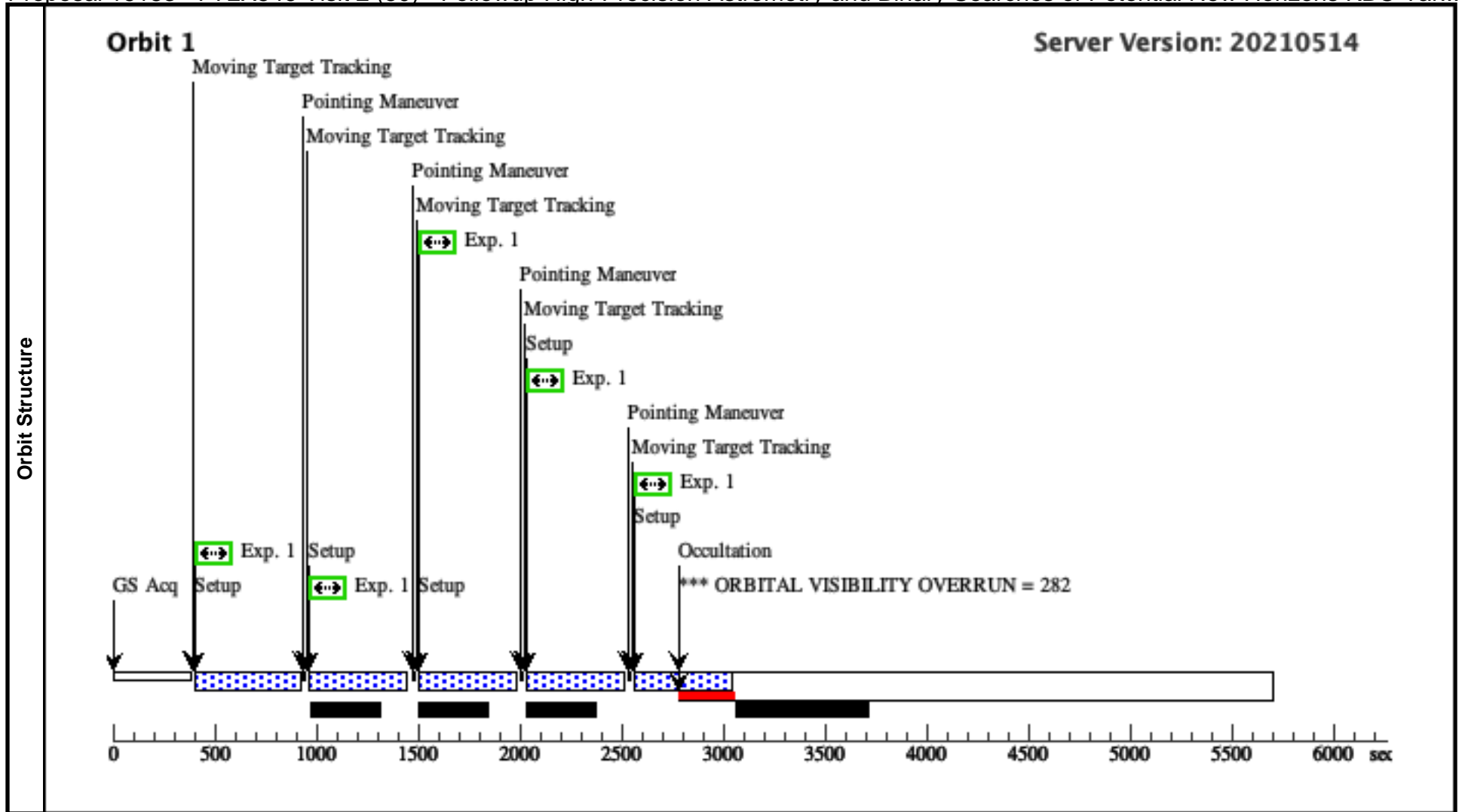
Proposal 16183 - P72X546 Visit 1 REPEAT (63) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizon...

<b>Visit</b>	<b>Proposal 16183, P72X546 Visit 1 REPEAT (63)</b> <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 11-MAY-2021 AND 11-SEP-2021 Comments: Repeat of failed visit 14 (HOPR 92033)																													
	<b>Patterns</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Pattern</th> <th>Secondary Pattern</th> <th>Exposures</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>                     Pattern Type=WFC3-UVIS-DITHER-BOX                      Purpose=DITHER                      Number Of Points=4                      Point Spacing=0.173                      Line Spacing=0.112                 </td> <td>                     Coordinate Frame=POS-TARG                      Pattern Orientation=23.884                      Angle Between Sides=81.785                      Center Pattern=false                 </td> <td>(1)</td> </tr> </tbody> </table>	#	Primary Pattern	Secondary Pattern	Exposures	(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)																				
#	Primary Pattern	Secondary Pattern	Exposures																											
(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)																											
<b>Solar System Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Level 1</th> <th>Level 2</th> <th>Level 3</th> <th>Window</th> <th>Ephem Center</th> </tr> </thead> <tbody> <tr> <td>(20)</td> <td>P72X546</td> <td>TYPE=ASTEROID,A=144.815360485 486,E=0.704399560646,I=7.80347086 8864,O=119.955287289608,W=181.75 2264832506,M=358.355259369128,E QUINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC</td> <td></td> <td></td> <td></td> <td>EARTH</td> </tr> </tbody> </table> Comments: 1-sigma uncertainty at 2021 opposition = 70 arcseconds Description=P72x546 Extended=NO Acquisition Uncertainty: 0 Arcsec	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center	(20)	P72X546	TYPE=ASTEROID,A=144.815360485 486,E=0.704399560646,I=7.80347086 8864,O=119.955287289608,W=181.75 2264832506,M=358.355259369128,E QUINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH															
#	Name	Level 1	Level 2	Level 3	Window	Ephem Center																								
(20)	P72X546	TYPE=ASTEROID,A=144.815360485 486,E=0.704399560646,I=7.80347086 8864,O=119.955287289608,W=181.75 2264832506,M=358.355259369128,E QUINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH																								
<b>Exposures</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>(20) P72X546</td> <td>WFC3/UVIS, ACCUM, UVIS2</td> <td>F350LP</td> <td></td> <td></td> <td>Sequence 1-1 Non-Int in P72X546 Visit 1 REPEAT (63) Pattern 2, Exps 1-1 in Sequence 1-1 Non-Int in P72X546 Visit 1 REPEAT (63) (2)</td> <td>370 Secs (1480 Secs) [=&gt;(Pattern 1)] [=&gt;(Pattern 2)] [=&gt;(Pattern 3)] [=&gt;(Pattern 4)]</td> <td>[1]</td> </tr> </tbody> </table>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	1		(20) P72X546	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72X546 Visit 1 REPEAT (63) Pattern 2, Exps 1-1 in Sequence 1-1 Non-Int in P72X546 Visit 1 REPEAT (63) (2)	370 Secs (1480 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]									
#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																					
1		(20) P72X546	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72X546 Visit 1 REPEAT (63) Pattern 2, Exps 1-1 in Sequence 1-1 Non-Int in P72X546 Visit 1 REPEAT (63) (2)	370 Secs (1480 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]	[1]																					



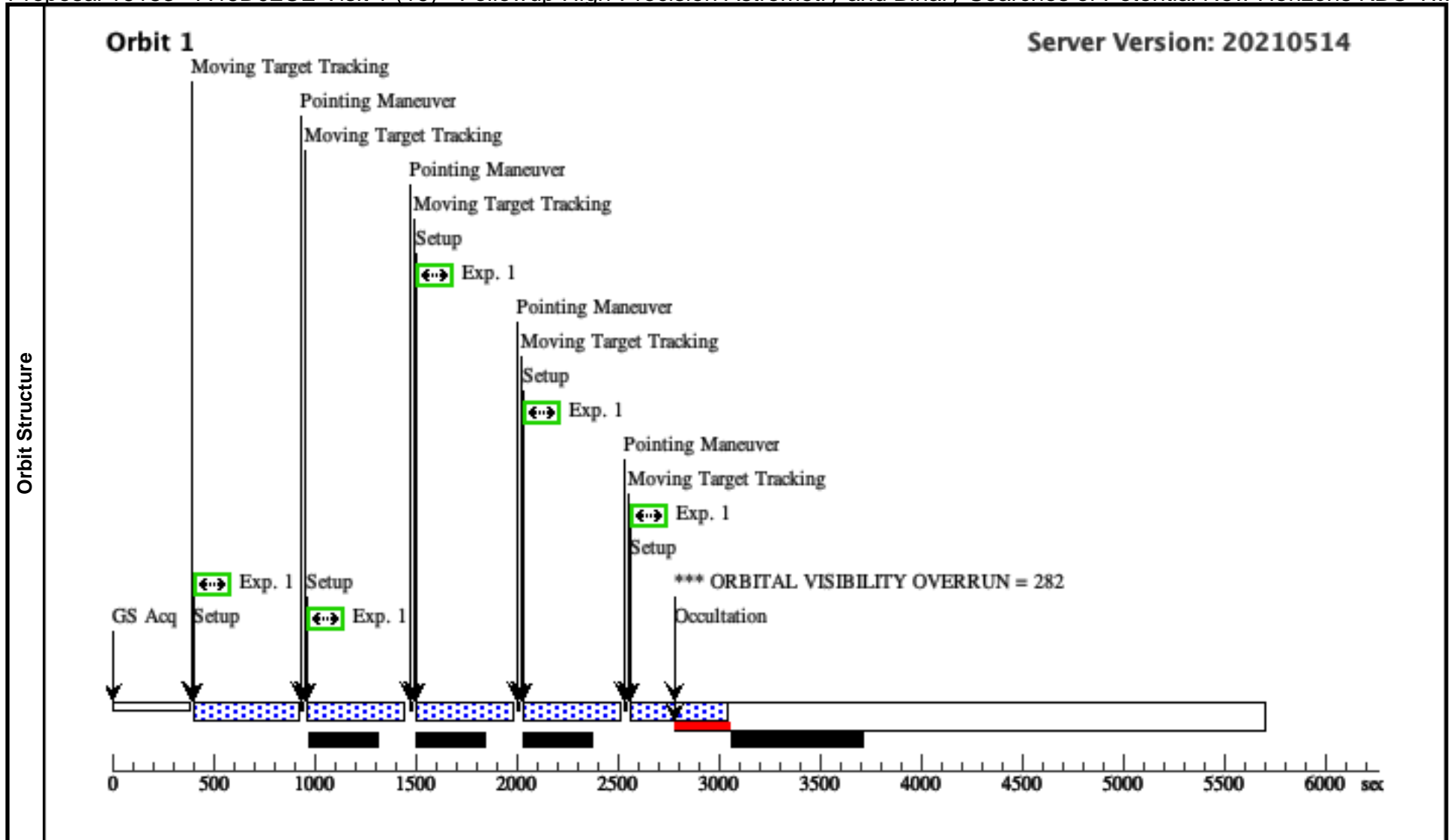
Proposal 16183 - P72X546 Visit 2 (50) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Tar...

<b>Visit</b>	Proposal 16183, P72X546 Visit 2 (50), scheduled <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 14 BY 1 D TO 90 D; BETWEEN 11-MAY-2021 AND 11-SEP-2021									
	<b>Diagnostics</b> (P72X546 Visit 2 (50)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(20)	P72X546	TYPE=ASTEROID,A=144.815360485 486,E=0.704399560646,I=7.80347086 8864,O=119.955287289608,W=181.75 2264832506,M=358.355259369128,E QUINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  Comments: 1-sigma uncertainty at 2021 opposition = 70 arcseconds Description=P72x546 Extended=NO  Acquisition Uncertainty: 0 Arcsec				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(20) P72X546	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72X546 Visit 2 (50) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P72X546 Visit 2 (50) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



Proposal 16183 - A46D02CE Visit 1 (19) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, A46D02CE Visit 1 (19), scheduled <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-MAY-2021 AND 12-SEP-2021									
	<b>Diagnostics</b> (A46D02CE Visit 1 (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(21)	A46D02CE	TYPE=ASTEROID,A=48.5465751523 61,E=0.117301079476,I=12.21523184 7677,O=118.202447217905,W=99.000 551847204,M=57.780626176045,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 53 arcseconds Description=A46d02ce Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(21) A46D02CE	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in A46D02CE Visit 1 (19) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in A46D02CE Visit 1 (19) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



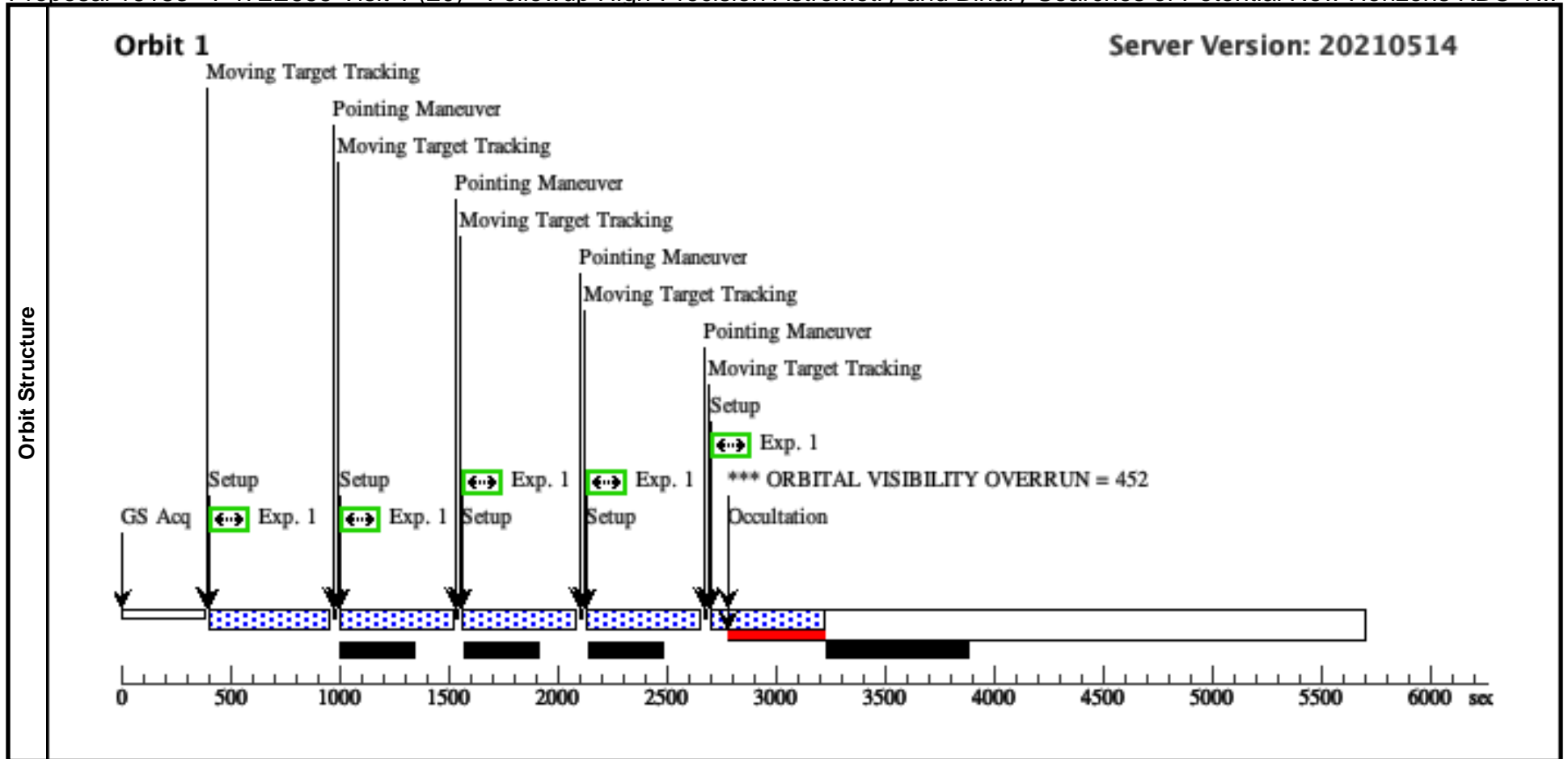
Proposal 16183 - P97E09E4 Visit 1 (55) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P97E09E4 Visit 1 (55), completed <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-MAY-2021 AND 13-SEP-2021									
	<b>Diagnostics</b> (P97E09E4 Visit 1 (55)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(22)	P97E09E4	TYPE=ASTEROID,A=70.8717873516 39,E=0.530326244795,I=4.177876853 804,O=241.506179135441,W=4.15584 1405369.M=11.719398328849,EQUIN OX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  Comments: 1-sigma uncertainty at 2021 opposition = 15 arcseconds Description=P97e09e4 Extended=NO  Acquisition Uncertainty: 15 Arcsec				EARTH			
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(22) P97E09E4		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P97E09E4 Visit 1 (55) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P97E09E4 Visit 1 (55) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



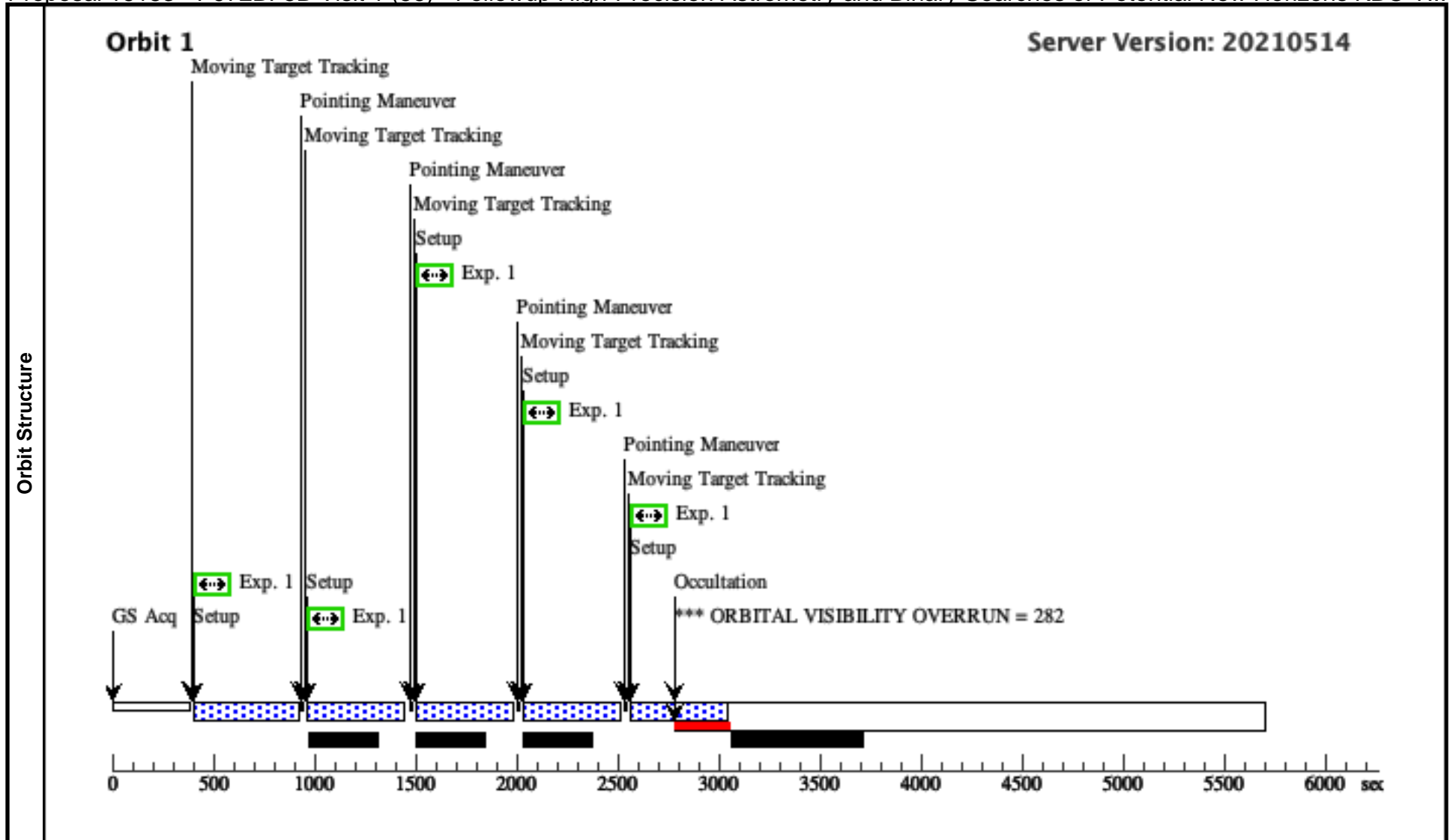
Proposal 16183 - P472E655 Visit 1 (20) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P472E655 Visit 1 (20), completed <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-MAY-2021 AND 18-SEP-2021									
	<b>Diagnostics</b> (P472E655 Visit 1 (20)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(23)	P472E655	TYPE=ASTEROID,A=49.5277118907 94,E=0.530739362034,I=4.710890322 498,O=130.514287369171,W=226.996 657984172,M=339.059948017770,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  Comments: 1-sigma uncertainty at 2021 opposition = 46 arcseconds Description=P472e655 Extended=NO  Acquisition Uncertainty: 0 Arcsec				EARTH			
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(23) P472E655		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P472E655 Visit 1 (20) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P472E655 Visit 1 (20) (1)	370 Secs (2020 Secs) [==>404.0 Secs (Pattern 1)] [==>404.0 Secs (Pattern 2)] [==>404.0 Secs (Pattern 3)] [==>404.0 Secs (Pattern 4)] [==>404.0 Secs (Pattern 5)]	[1]



Proposal 16183 - P972BF5B Visit 1 (56) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P972BF5B Visit 1 (56), completed <span style="float: right;">Mon Jul 26 16:01:09 GMT 2021</span> Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 05-MAY-2021 AND 16-SEP-2021									
	<b>Diagnostics</b> (P972BF5B Visit 1 (56)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(24)	P972BF5B	TYPE=ASTEROID,A=37.1623813058 18,E=0.161055438261,I=6.147750807 345,O=124.359969914195,W=174.910 960045844,M=351.851788458885,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 96 arcseconds Description=P972bf5b Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(24) P972BF5B		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P972BF5B Visit 1 (56) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P972BF5B Visit 1 (56) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



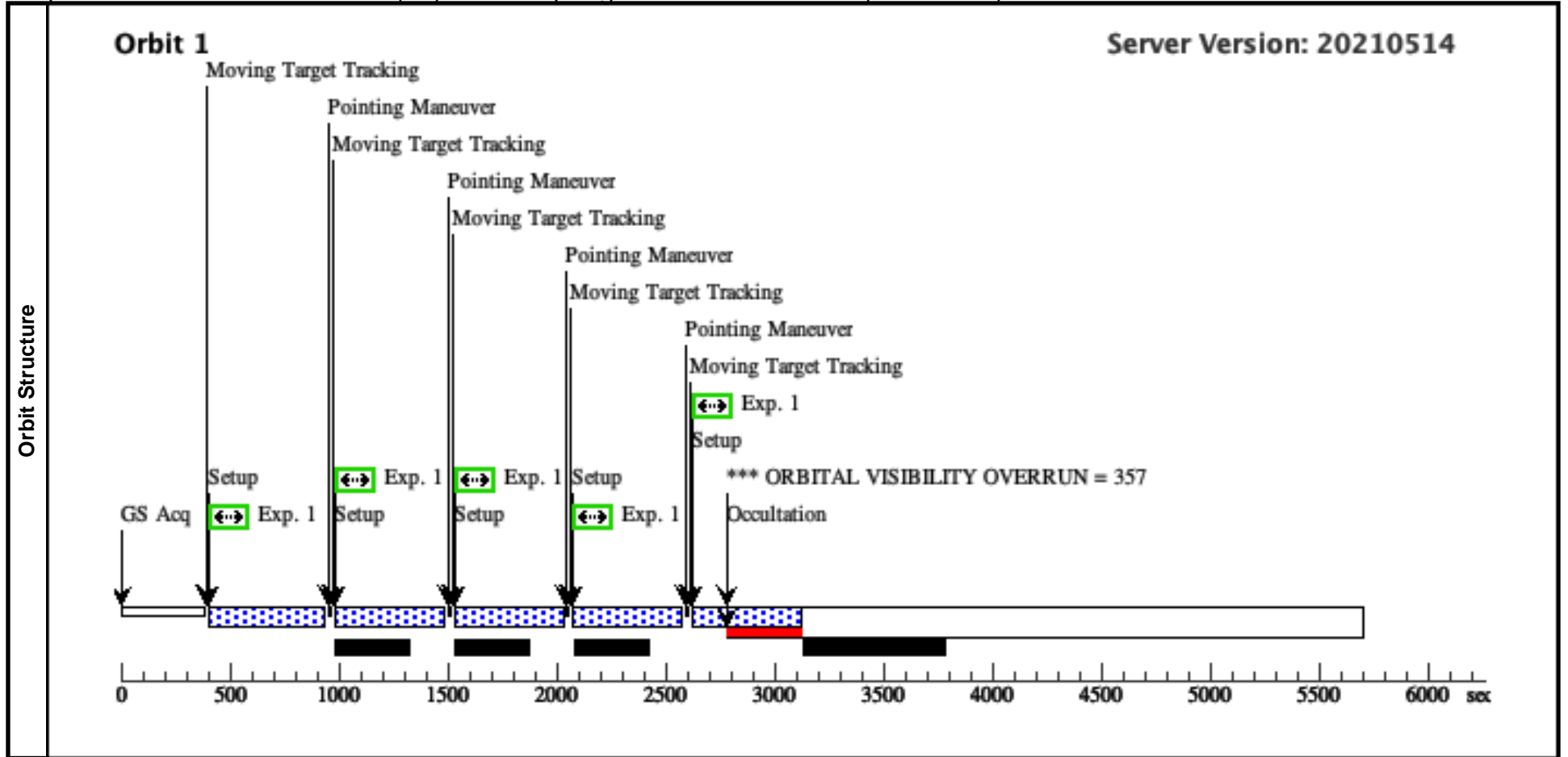
Proposal 16183 - P6X59B Visit 1 (21) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Tar...

<b>Visit</b>	Proposal 16183, P6X59B Visit 1 (21), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-MAY-2021 AND 13-SEP-2021									
	(P6X59B Visit 1 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(25)	P6X59B	TYPE=ASTEROID,A=76.4980444316 53,E=0.559108610415,I=3.831919432 954,O=251.320240529142,W=51.7191 00901005,M=356.504012772378,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 85 arcseconds Description=P6x59b Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(25) P6X59B	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P6X59B Visit 1 (21) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P6X59B Visit 1 (21) (1)	370 Secs (2020 Secs) [==>404.0 Secs (Pattern 1)] [==>404.0 Secs (Pattern 2)] [==>404.0 Secs (Pattern 3)] [==>404.0 Secs (Pattern 4)] [==>404.0 Secs (Pattern 5)]	[1]



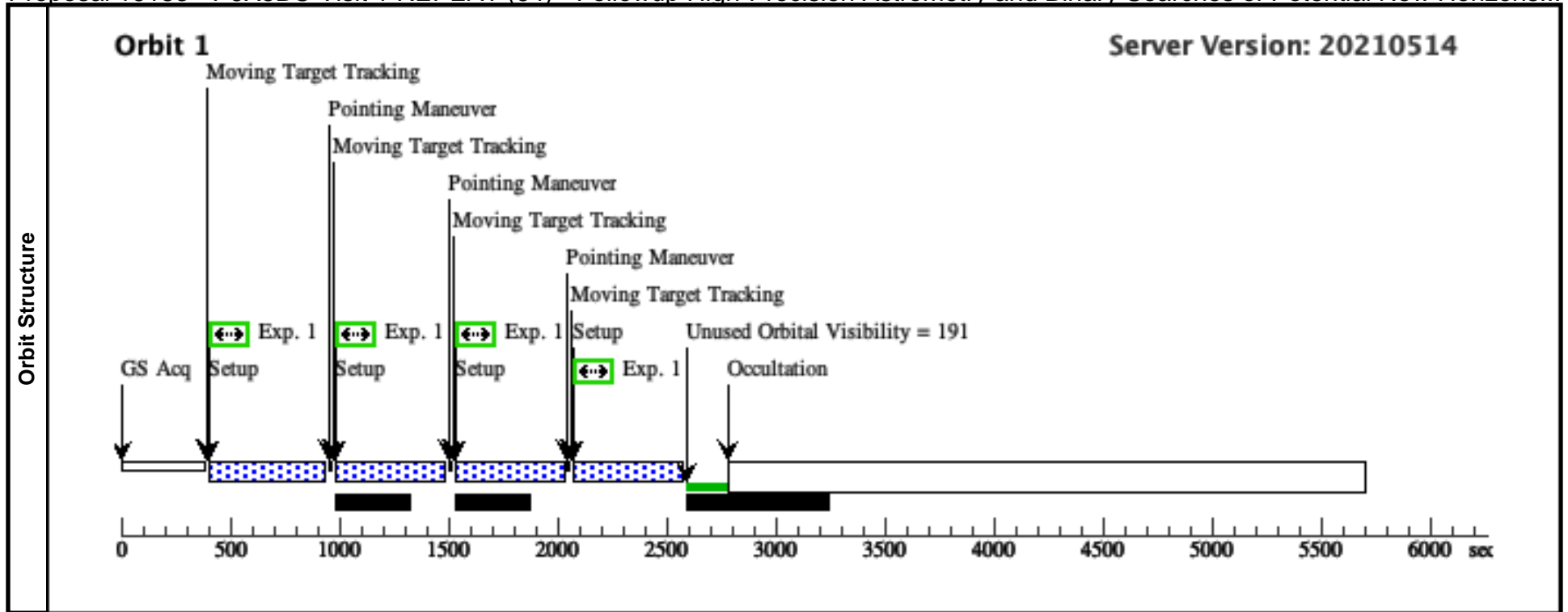
Proposal 16183 - P6X5BC Visit 1 (57) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Tar...

<b>Visit</b>	<b>Proposal 16183, P6X5BC Visit 1 (57), failed</b> <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2021 AND 12-SEP-2021									
	<b>Diagnosics</b> (P6X5BC Visit 1 (57)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(26)	P6X5BC	TYPE=ASTEROID,A=108.832025381 423,E=0.836366355040,I=2.33025703 4588,O=151.939806587987,W=246.18 0346379183,M=347.912031077443,E QUINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  <i>Comments: 1-sigma uncertainty at 2021 opposition = 33 arcseconds</i> <i>Description=P6x5bc</i> <i>Extended=NO</i>  <i>Acquisition Uncertainty: 33 Arcsec</i>				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(26) P6X5BC		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P6X5BC Visit 1 (57) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P6X5BC Visit 1 (57) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



Proposal 16183 - P6X5BC Visit 1 REPEAT (64) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons...

Visit	<b>Proposal 16183, P6X5BC Visit 1 REPEAT (64)</b> <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2021 AND 12-SEP-2021 Comments: Repeat of failed visit 57 (HOPR 92033)									
	Patterns	#	Primary Pattern	Secondary Pattern	Exposures					
		(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)				
Solar System Targets	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(26)	P6X5BC	TYPE=ASTEROID,A=108.832025381 423,E=0.836366355040,I=2.33025703 4588,O=151.939806587987,W=246.18 0346379183,M=347.912031077443,E QUINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
	Comments: 1-sigma uncertainty at 2021 opposition = 33 arcseconds Description=P6x5bc Extended=NO Acquisition Uncertainty: 33 Arcsec									
Exposures	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(26) P6X5BC		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P6X5BC Visit 1 REPEAT (64) Pattern 2, Exps 1-1 in Sequence 1-1 Non-Int in P6X5BC Visit 1 REPEAT (64) (2)	370 Secs (1540 Secs) [=>385.0 Secs (Pattern 1)] [=>385.0 Secs (Pattern 2)] [=>385.0 Secs (Pattern 3)] [=>385.0 Secs (Pattern 4)]	[1]



Proposal 16183 - P72X638 Visit 1 (22) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Tar...

<b>Visit</b>	Proposal 16183, P72X638 Visit 1 (22), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2021 AND 15-SEP-2021									
	(P72X638 Visit 1 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window				
	(27)	P72X638	TYPE=ASTEROID,A=47.1428647662 02,E=0.318809980317,I=2.288025143 966,O=202.249432331430,W=33.3298 18733185,M=27.674102874782,EQUI NOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 61 arcseconds Description=P72x638 Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(27) P72X638	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72X638 Visit 1 (22) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P72X638 Visit 1 (22) (1)	370 Secs (2020 Secs) [=>404.0 Secs (Pattern 1)] [=>404.0 Secs (Pattern 2)] [=>404.0 Secs (Pattern 3)] [=>404.0 Secs (Pattern 4)] [=>404.0 Secs (Pattern 5)]	[1]



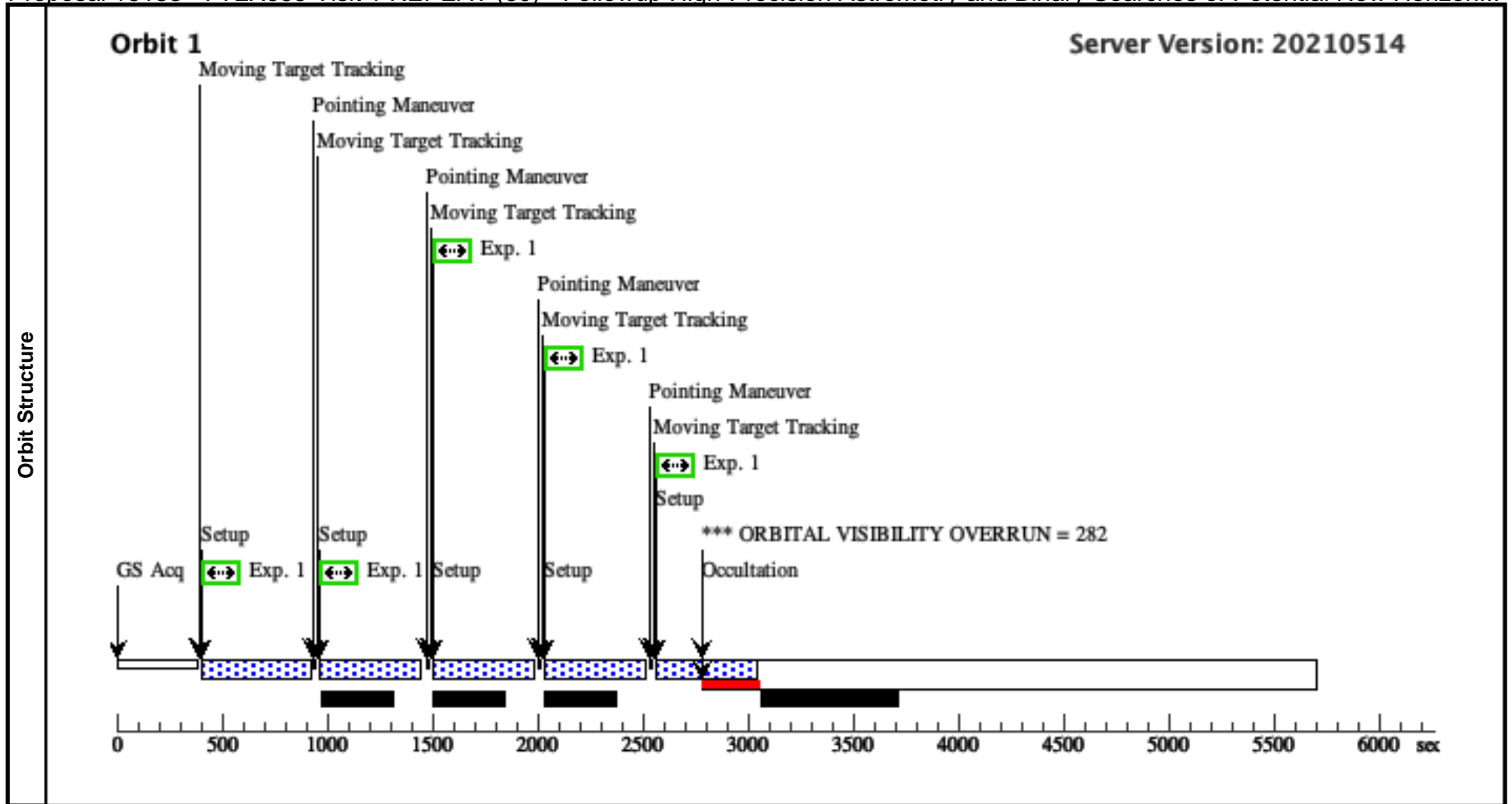
Proposal 16183 - P72X665 Visit 1 (23) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Tar...

<b>Visit</b>	Proposal 16183, P72X665 Visit 1 (23), failed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-MAY-2021 AND 15-SEP-2021									
	<b>Diagnostics</b> (P72X665 Visit 1 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(28)	P72X665	TYPE=ASTEROID,A=56.6735500891 64,E=0.424759307050,I=3.057409807 037,O=246.968444084969,W=356.552 075843821,M=17.701468049511,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 47 arcseconds Description=P72x665 Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(28) P72X665	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72X665 Visit 1 (23) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P72X665 Visit 1 (23) (1)	370 Secs (2020 Secs) [==>404.0 Secs (Pattern 1)] [==>404.0 Secs (Pattern 2)] [==>404.0 Secs (Pattern 3)] [==>404.0 Secs (Pattern 4)] [==>404.0 Secs (Pattern 5)]	[1]



Proposal 16183 - P72X665 Visit 1 REPEAT (60) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizon...

<b>Visit</b>	Proposal 16183, P72X665 Visit 1 REPEAT (60), scheduled <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-MAY-2021 AND 15-SEP-2021 <i>Comments: Repeat of failed visit 23 (HOPR 92016)</i>					
	(P72X665 Visit 1 REPEAT (60)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
<b>Diagnosics</b>						
<b>Patterns</b>	#	Primary Pattern		Secondary Pattern		Exposures
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window
	(28)	P72X665	TYPE=ASTEROID,A=56.6735500891 64,E=0.424759307050,I=3.057409807 037,O=246.968444084969,W=356.552 075843821,M=17.701468049511,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC			
Ephem Center EARTH						
<i>Comments: 1-sigma uncertainty at 2021 opposition = 47 arcseconds</i> Description=P72x665 Extended=NO Acquisition Uncertainty: 0 Arcsec						
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.
	1		(28) P72X665	WFC3/UVIS, ACCUM, UVIS2	F350LP	
						Special Reqs.      Groups      Exp. Time (Total)/[Actual Dur.]      Orbit
						Sequence 1-1 Non-Int in P72X665 Visit 1 REPEAT (60)      370 Secs (1850 Secs)      [1]
						[=>(Pattern 1)]
						Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P72X665 Visit 1 REPEAT (60) (1)      [=>(Pattern 2)]
						[=>(Pattern 3)]
						[=>(Pattern 4)]
						[=>(Pattern 5)]



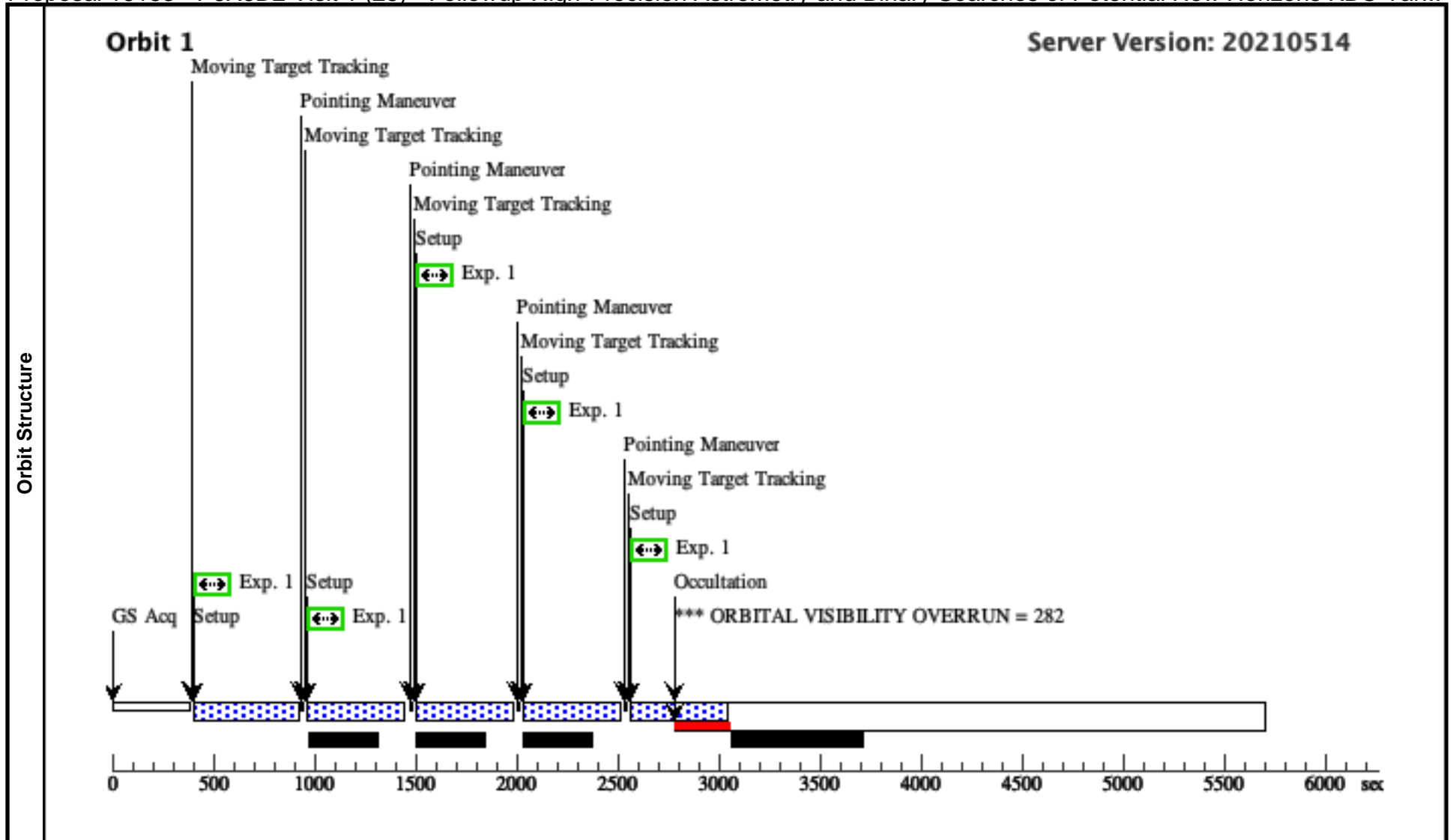
Proposal 16183 - P953B127 Visit 1 (24) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P953B127 Visit 1 (24), scheduled <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-MAY-2021 AND 18-SEP-2021									
	<b>Diagnostics</b> (P953B127 Visit 1 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(29)	P953B127	TYPE=ASTEROID,A=49.7788828886 18,E=0.535754844705,I=4.719745075 821,O=130.468417544532,W=227.614 920579657,M=339.161968044668,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  <i>Comments: 1-sigma uncertainty at 2021 opposition = 32 arcseconds</i> <i>Description=P953b127</i> <i>Extended=NO</i>  <i>Acquisition Uncertainty: 32 Arcsec</i>				EARTH			
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(29) P953B127	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P953B127 Visit 1 (24) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P953B127 Visit 1 (24) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



Proposal 16183 - P6X6D2 Visit 1 (25) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Tar...

<b>Visit</b>	Proposal 16183, P6X6D2 Visit 1 (25), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2021 AND 11-SEP-2021									
	<b>Diagnostics</b> (P6X6D2 Visit 1 (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(30)	P6X6D2	TYPE=ASTEROID,A=48.0103441454 12,E=0.217883555321,I=5.449150296 770,O=256.493776127698,W=114.461 284231710,M=300.132120397407,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  Comments: 1-sigma uncertainty at 2021 opposition = 60 arcseconds Description=P6x6d2 Extended=NO  Acquisition Uncertainty: 0 Arcsec				EARTH			
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(30) P6X6D2	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P6X6D2 Visit 1 (25) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P6X6D2 Visit 1 (25) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



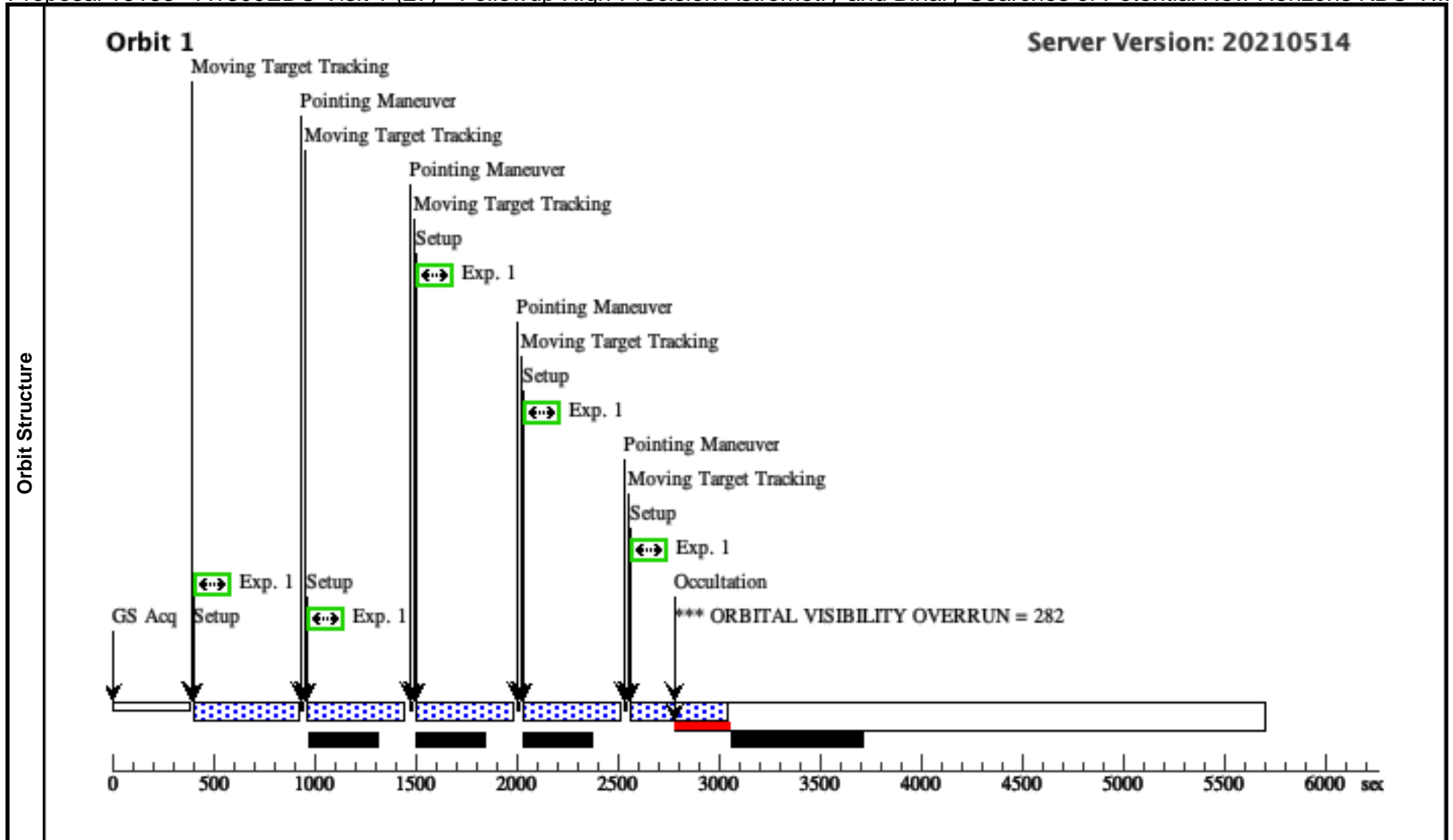
Proposal 16183 - P6X6F8 Visit 1 (26) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Targ...

<b>Visit</b>	Proposal 16183, P6X6F8 Visit 1 (26), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 05-MAY-2021 AND 14-SEP-2021									
	(P6X6F8 Visit 1 (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window				
	(31)	P6X6F8	TYPE=ASTEROID,A=48.2841937009 99,E=0.376444848631,I=3.499212732 128,O=237.995854447716,W=93.6647 88452431,M=340.494701014381,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 36 arcseconds Description=P6x6f8 Extended=NO Acquisition Uncertainty: 36 Arcsec										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(31) P6X6F8	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P6X6F8 Visit 1 (26) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P6X6F8 Visit 1 (26) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



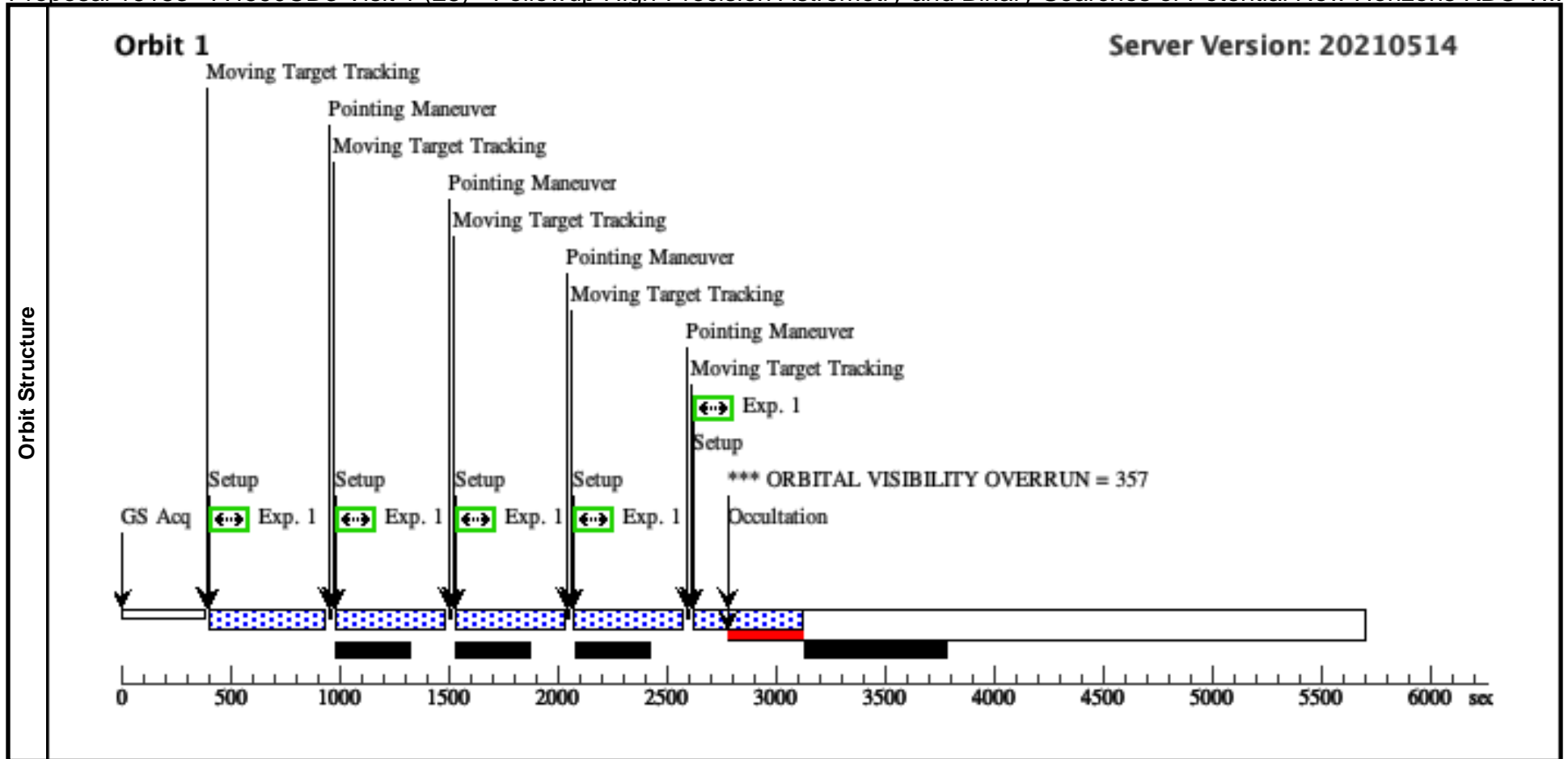
Proposal 16183 - A1300EDC Visit 1 (27) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, A1300EDC Visit 1 (27), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 07-MAY-2021 AND 12-SEP-2021									
	<b>Diagnostics</b> (A1300EDC Visit 1 (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(32)	A1300EDC	TYPE=ASTEROID,A=44.1068636315 94,E=0.026364018518,I=2.392009551 238,O=225.994926729213,W=168.039 973742797,M=256.276472441944,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  <i>Comments: 1-sigma uncertainty at 2021 opposition = 69 arcseconds</i> <i>Description=KBO1</i> <i>Extended=NO</i>  <i>Acquisition Uncertainty: 0 Arcsec</i>				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(32) A1300EDC	WFC3/UVIS, ACCUM, UVIS2	F350LP				Sequence 1-1 Non-Int in A1300EDC Visit 1 (27) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in A1300EDC Visit 1 (27) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



Proposal 16183 - A4590CD3 Visit 1 (28) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	<b>Proposal 16183, A4590CD3 Visit 1 (28), completed</b> <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-MAY-2021 AND 13-SEP-2021									
	<b>Diagnosics</b> (A4590CD3 Visit 1 (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(33)	A4590CD3	TYPE=ASTEROID,A=44.1172316427 46,E=0.194221042579,I=4.896085199 462,O=259.190341194227,W=144.586 733903619,M=265.963716407643,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  <i>Comments: 1-sigma uncertainty at 2021 opposition = 1 arcseconds</i> <i>Description=A4590cd3</i> <i>Extended=NO</i>  <i>Acquisition Uncertainty: 1 Arcsec</i>				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(33) A4590CD3		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in A4590CD3 Visit 1 (28) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in A4590CD3 Visit 1 (28) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



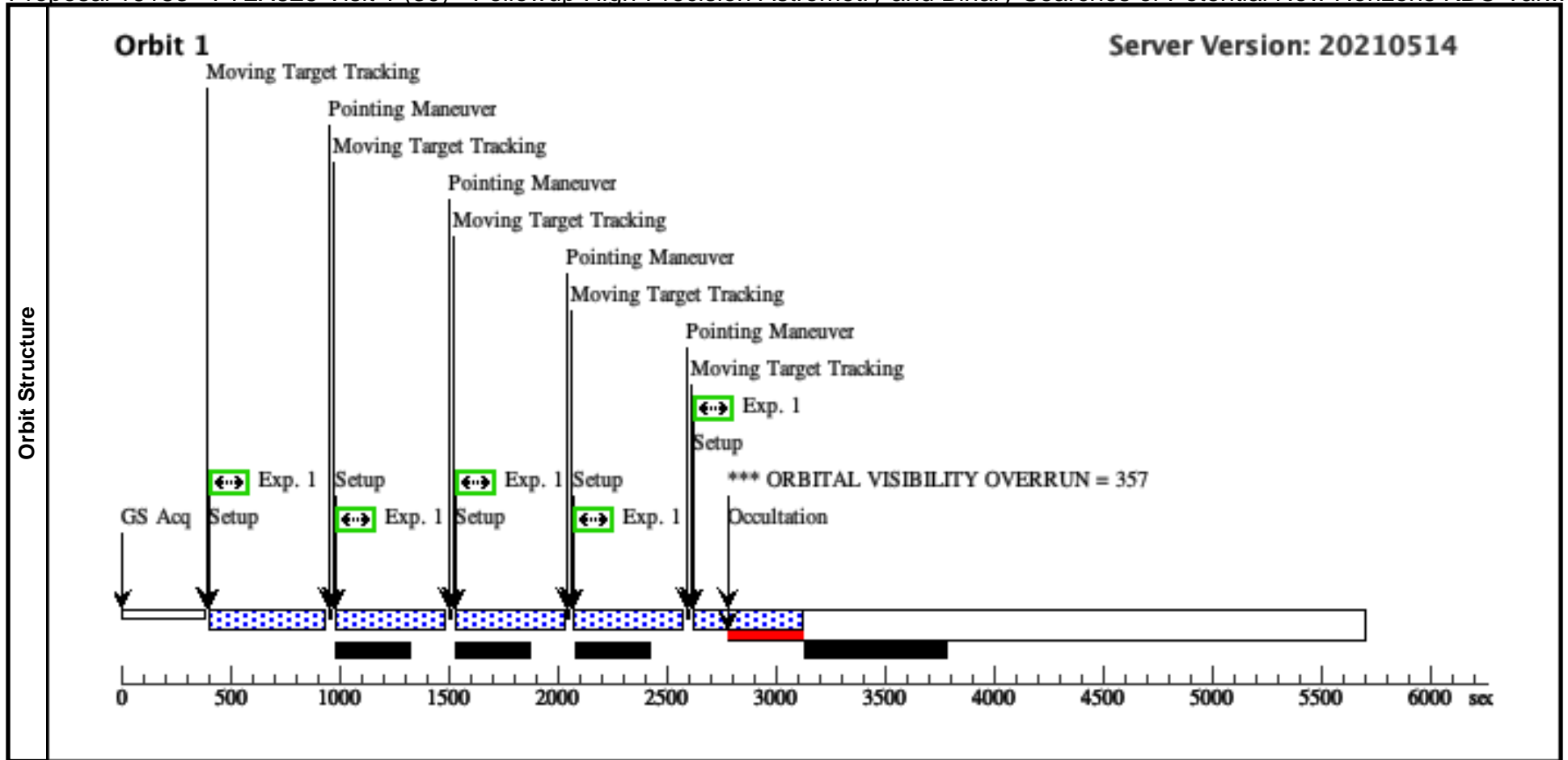
Proposal 16183 - B10E0B9B Visit 1 (29) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, B10E0B9B Visit 1 (29), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2021 AND 11-SEP-2021									
	<b>Diagnostics</b> (B10E0B9B Visit 1 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(34)	B10E0B9B	TYPE=ASTEROID,A=44.0828385159 56,E=0.119834518475,I=4.929293931 921,O=131.624903925213,W=261.989 662793024,M=266.223461583812,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 78 arcseconds Description=B10e0b9b Extended=NO Acquisition Uncertainty: 0 Arcsec										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(34) B10E0B9B	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in B10E0B9B Visit 1 (29) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in B10E0B9B Visit 1 (29) (1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



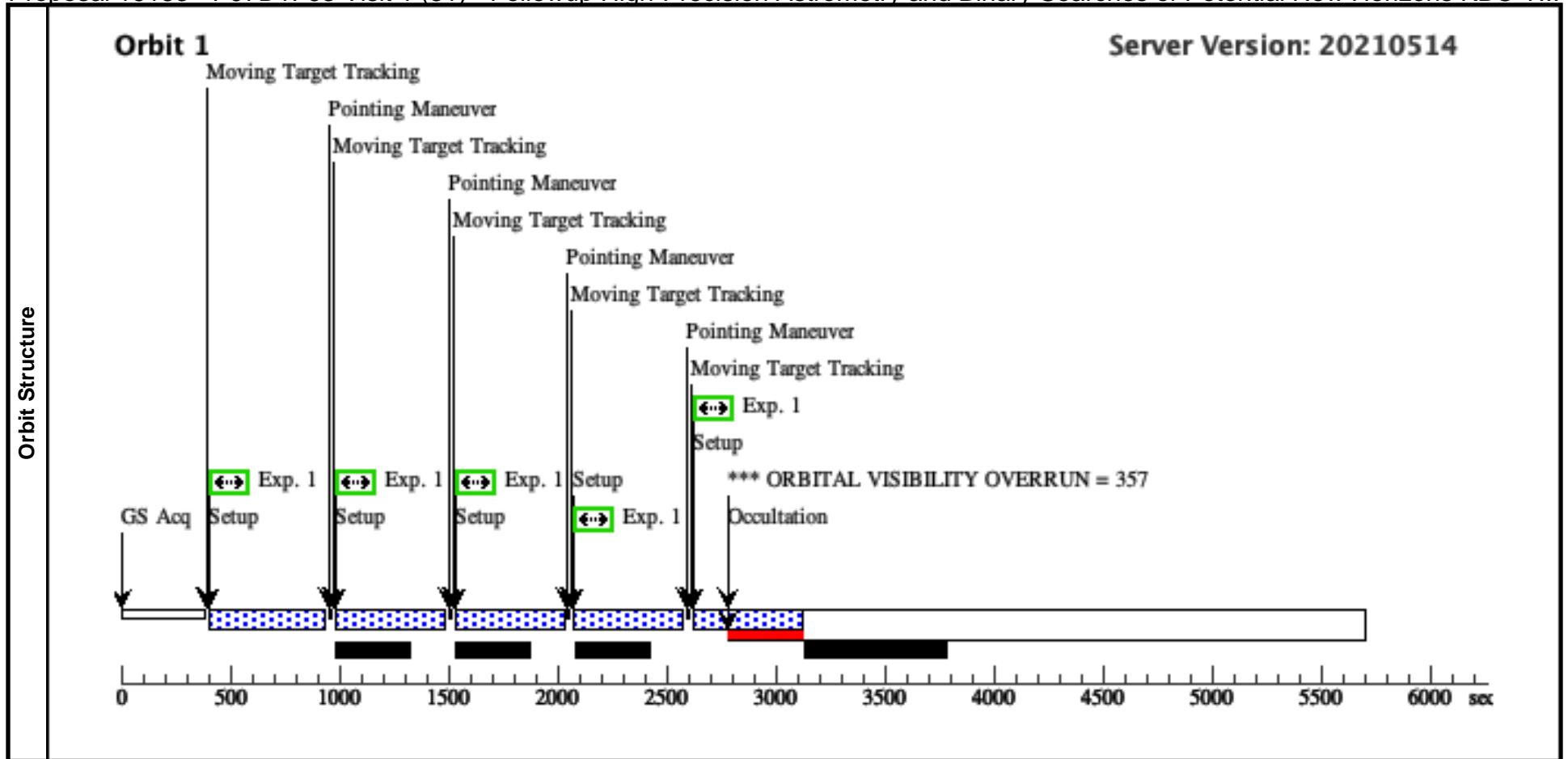
Proposal 16183 - P72X825 Visit 1 (30) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Tar...

<b>Visit</b>	Proposal 16183, P72X825 Visit 1 (30), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-MAY-2021 AND 13-SEP-2021									
	(P72X825 Visit 1 (30)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern			Secondary Pattern		Exposures			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window	Ephem Center			
	(35)	P72X825	TYPE=ASTEROID,A=44.0080080801 72,E=0.076963637861,I=3.004752835 184,O=157.094802123385,W=17.8168 91241333,M=105.245918974817,EQU INOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 3 arcseconds Description=P72x825 Extended=NO Acquisition Uncertainty: 3 Arcsec										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(35) P72X825	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72X825 Visit 1 (30) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P72X825 Visit 1 (30) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



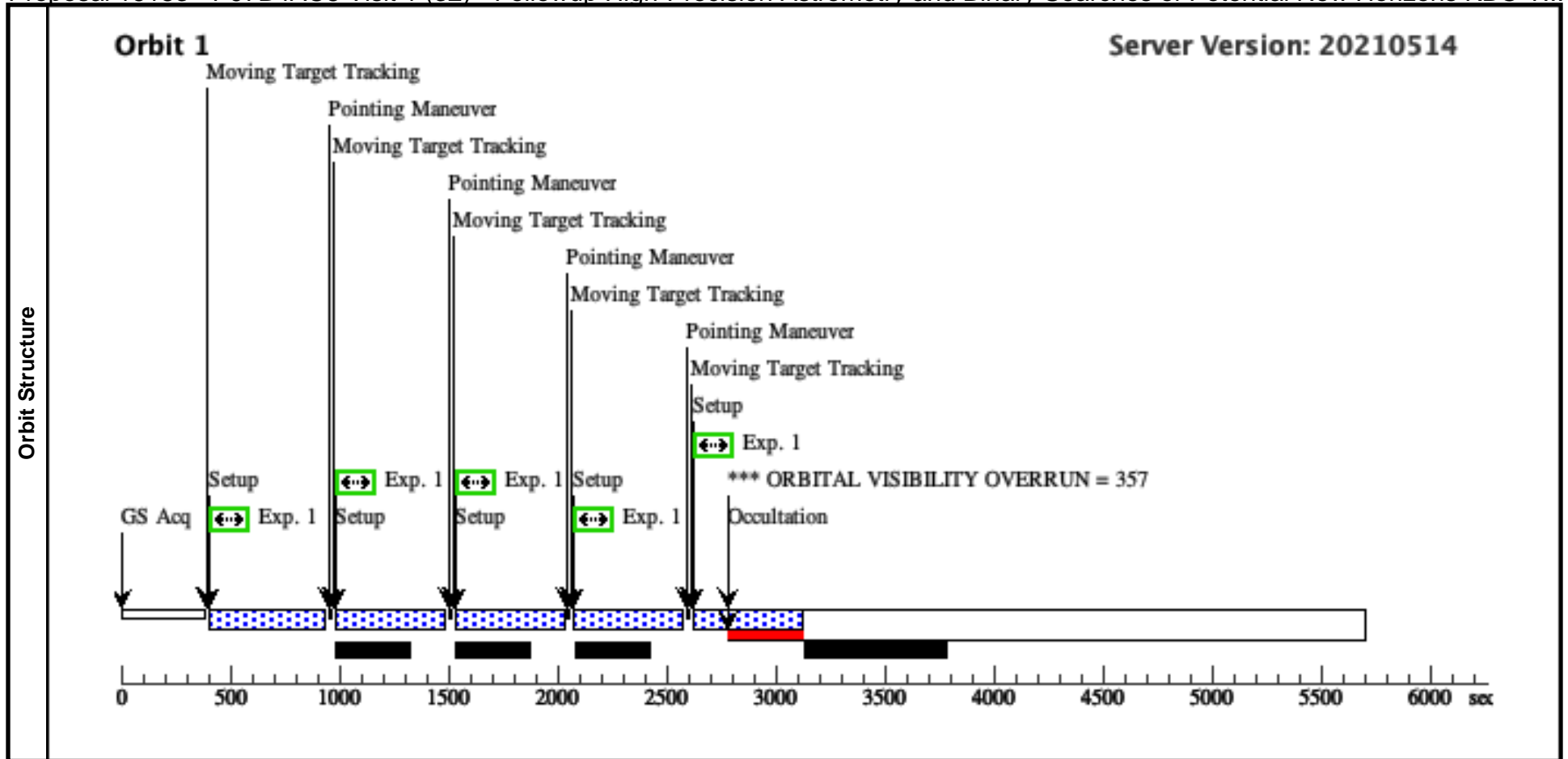
Proposal 16183 - P97D1F63 Visit 1 (31) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P97D1F63 Visit 1 (31), scheduling <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2021 AND 13-SEP-2021									
	<b>Diagnostics</b> (P97D1F63 Visit 1 (31)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(36)	P97D1F63	TYPE=ASTEROID,A=44.0754579499 70,E=0.125754045783,I=2.906370983 027,O=208.409961024901,W=128.198 740628144,M=321.088993768503,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 36 arcseconds Description=P97d1f63 Extended=NO Acquisition Uncertainty: 36 Arcsec										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(36) P97D1F63	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P97D1F63 Visit 1 (31) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P97D1F63 Visit 1 (31) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



Proposal 16183 - P97B4AC8 Visit 1 (32) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P97B4AC8 Visit 1 (32), failed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2021 AND 12-SEP-2021									
	<b>Diagnostics</b> (P97B4AC8 Visit 1 (32)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(39)	P97B4AC8	TYPE=ASTEROID,A=44.5236316602 46,E=0.058225416712,I=2.695147141 932,O=200.617630943629,W=167.509 924358747,M=285.436720578512,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC  Comments: 1-sigma uncertainty at 2021 opposition = 14 arcseconds Description=P97b4ac8  Acquisition Uncertainty: 14 Arcsec				EARTH			
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(39) P97B4AC8		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P97B4AC8 Visit 1 (32) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P97B4AC8 Visit 1 (32) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



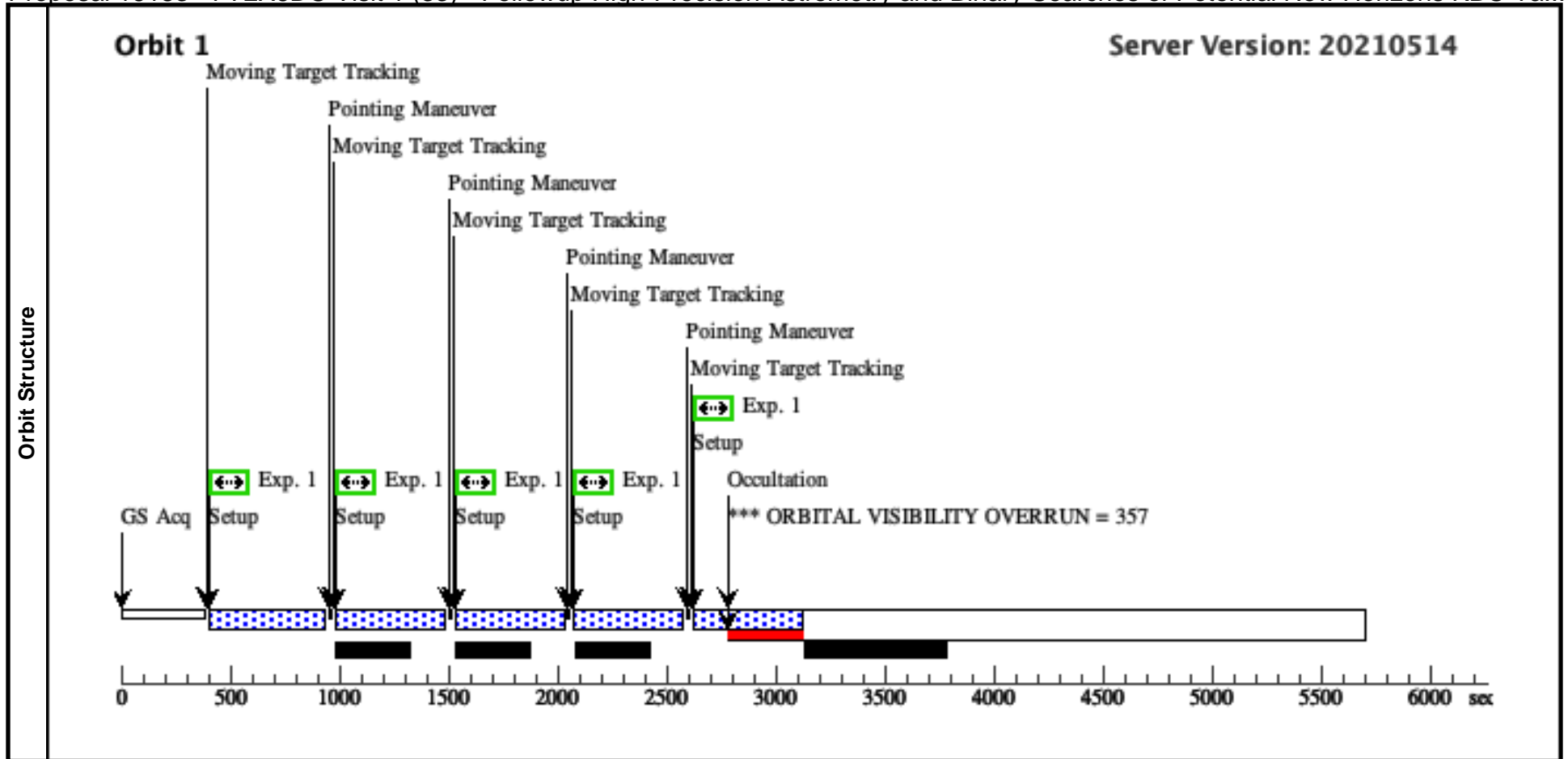
Proposal 16183 - P97B4AC8 Visit 1 REPEAT (61) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizo...

<b>Visit</b>	Proposal 16183, P97B4AC8 Visit 1 REPEAT (61), scheduled <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2021 AND 12-SEP-2021 <i>Comments: Repeat of failed visit 32 (HOPR 92016)</i>									
	<b>Diagnosics</b> (P97B4AC8 Visit 1 REPEAT (61)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(39)	P97B4AC8	TYPE=ASTEROID,A=44.5236316602 46,E=0.058225416712,I=2.695147141 932,O=200.617630943629,W=167.509 924358747,M=285.436720578512,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
<i>Comments: 1-sigma uncertainty at 2021 opposition = 14 arcseconds</i> <i>Description=P97b4ac8</i> <i>Acquisition Uncertainty: 14 Arcsec</i>										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(39) P97B4AC8	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P97B4AC8 Visit 1 REPEAT (61) Pattern 1, Exps 1-1 i n Sequence 1-1 Non- Int in P97B4AC8 Vi sit 1 REPEAT (61) ( 1)	370 Secs (1850 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)] [=>(Pattern 5)]	[1]



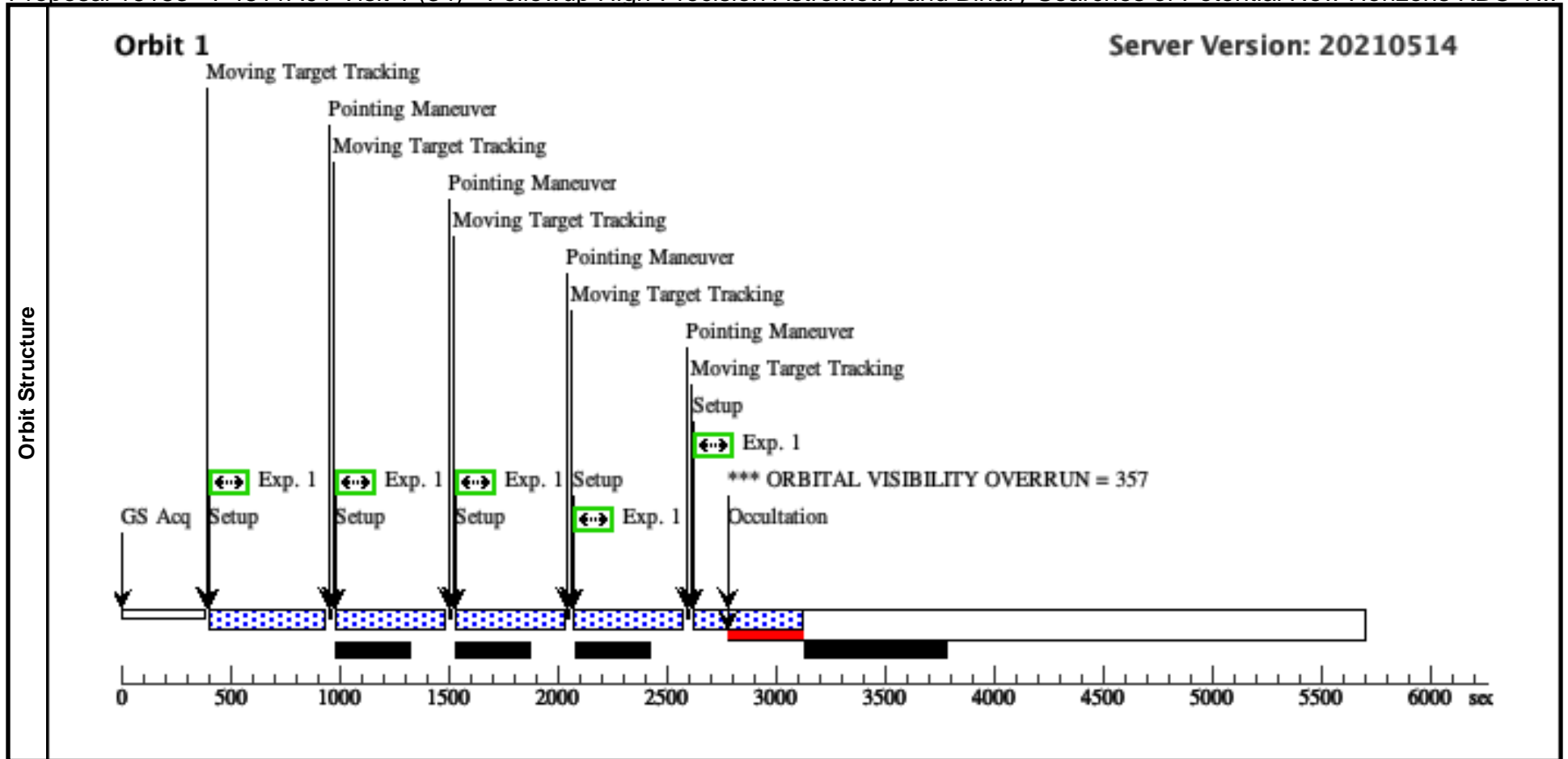
Proposal 16183 - P72X6DC Visit 1 (33) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Ta...

<b>Visit</b>	Proposal 16183, P72X6DC Visit 1 (33), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-MAY-2021 AND 14-SEP-2021									
	<b>Diagnostics</b> (P72X6DC Visit 1 (33)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(40)	P72X6DC	TYPE=ASTEROID,A=44.3402104297 46,E=0.034637246036,I=2.727383907 267,O=154.841936534871,W=138.807 644913961,M=355.022008002805,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 15 arcseconds Description=P72x6dc Acquisition Uncertainty: 15 Arcsec										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(40) P72X6DC	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72X6DC Visit 1 (33) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P72X6DC Visit 1 (33) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



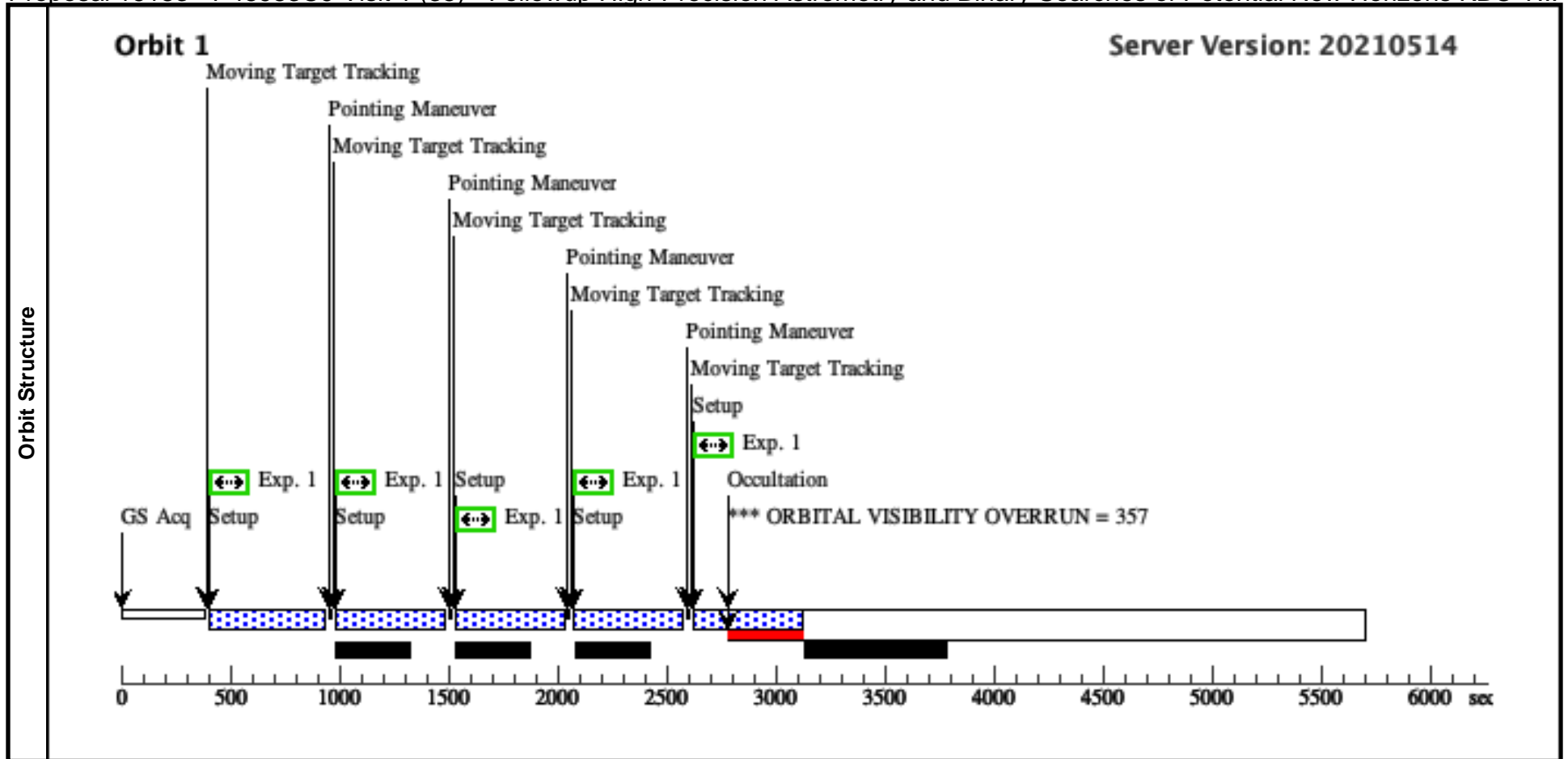
Proposal 16183 - P4811A01 Visit 1 (34) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P4811A01 Visit 1 (34), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 06-MAY-2021 AND 12-SEP-2021									
	<b>Diagnostics</b> (P4811A01 Visit 1 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(41)	P4811A01	TYPE=ASTEROID,A=43.6810889040 12,E=0.043947484616,I=2.403579376 159,O=236.751570769961,W=170.698 529850971,M=243.944969670935,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 36 arcseconds Description=P4811a01 Acquisition Uncertainty: 36 Arcsec										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(41) P4811A01		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P4811A01 Visit 1 (34) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P4811A01 Visit 1 (34) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



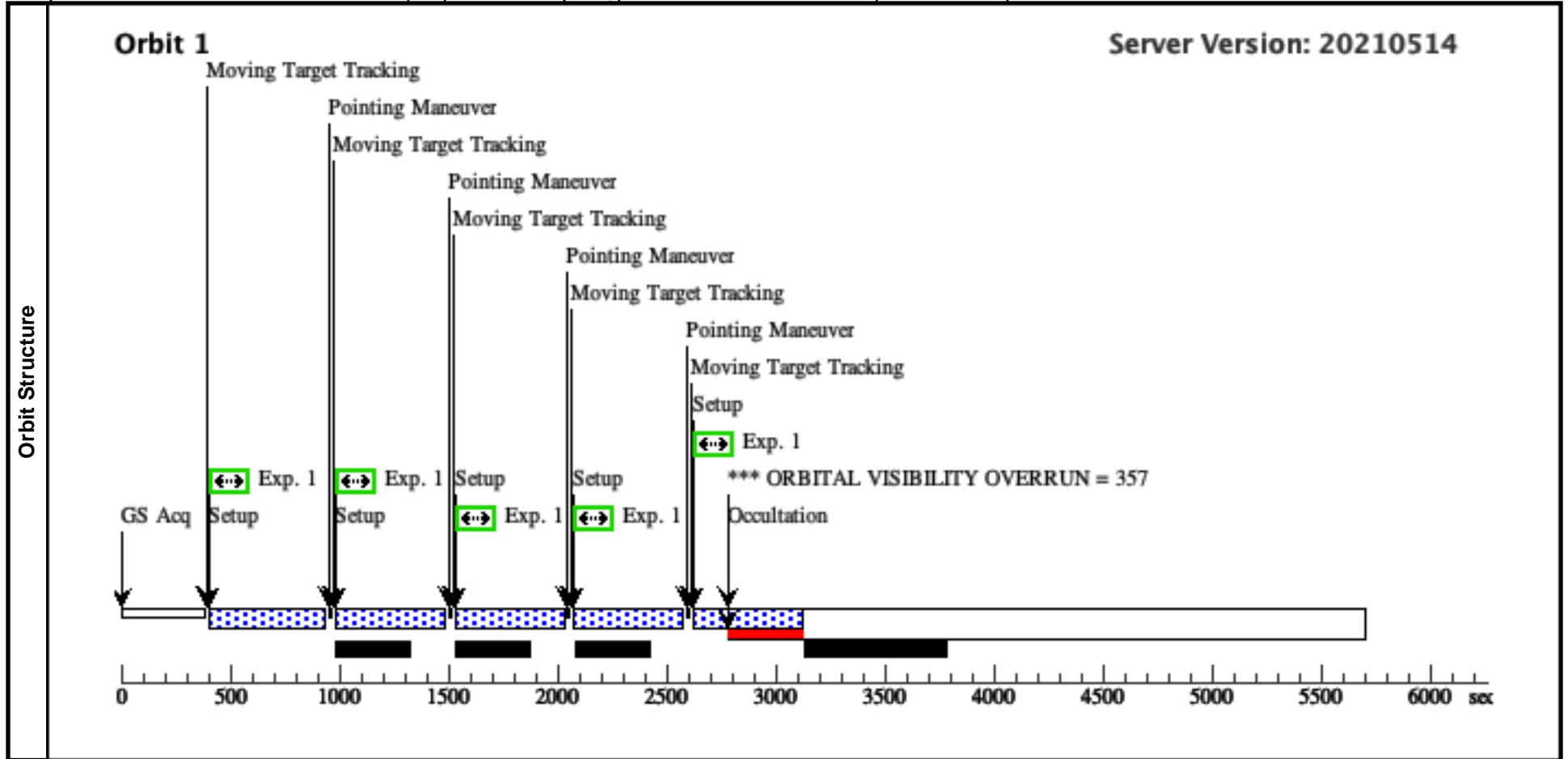
Proposal 16183 - P48983C9 Visit 1 (35) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P48983C9 Visit 1 (35), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-MAY-2021 AND 12-SEP-2021									
	<b>Diagnosics</b> (P48983C9 Visit 1 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(42)	P48983C9	TYPE=ASTEROID,A=44.8109460832 96,E=0.023348461963,I=5.664905196 270,O=132.866450825748,W=325.749 025291799,M=189.356936150694,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 28 arcseconds Description=P48983c9 Acquisition Uncertainty: 28 Arcsec										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(42) P48983C9		WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P48983C9 Visit 1 (35) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P48983C9 Visit 1 (35) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



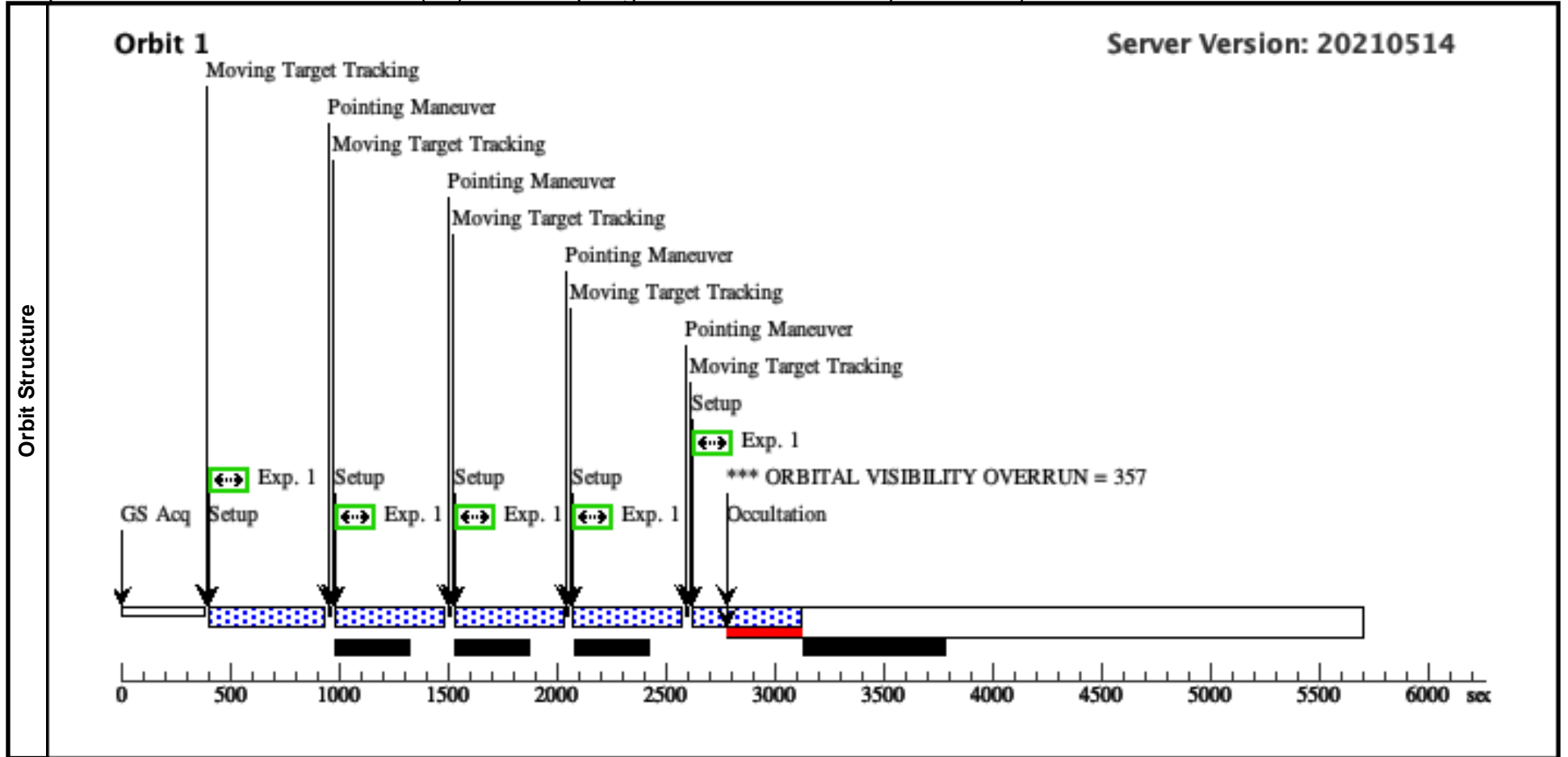
Proposal 16183 - P72X659 Visit 1 (36) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO Tar...

<b>Visit</b>	Proposal 16183, P72X659 Visit 1 (36), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-MAY-2021 AND 13-SEP-2021									
	<b>Diagnostics</b> (P72X659 Visit 1 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(43)	P72X659	TYPE=ASTEROID,A=44.7580692804 78,E=0.080082433855,I=2.217399570 405,O=167.356894762033,W=33.1829 52670146,M=78.567079982611,EQUI NOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 3 arcseconds Description=P72x659 Acquisition Uncertainty: 3 Arcsec										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(43) P72X659	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P72X659 Visit 1 (36) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P72X659 Visit 1 (36) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



Proposal 16183 - P4730D64 Visit 1 (59) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, P4730D64 Visit 1 (59), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 08-MAY-2021 AND 13-SEP-2021									
	<b>Diagnostics</b> (P4730D64 Visit 1 (59)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(44)	P4730D64	TYPE=ASTEROID,A=46.4620810738 04,E=0.088914632989,I=2.598799203 977,O=154.081065791384,W=190.149 469600966,M=311.998853225670,EQ UINOX=J2000,EPOCH=15-JUL- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: 1-sigma uncertainty at 2021 opposition = 42 arcseconds Description=P4730d64 Acquisition Uncertainty: 42 Arcsec										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(44) P4730D64	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in P4730D64 Visit 1 (59) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in P4730D64 Visit 1 (59) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



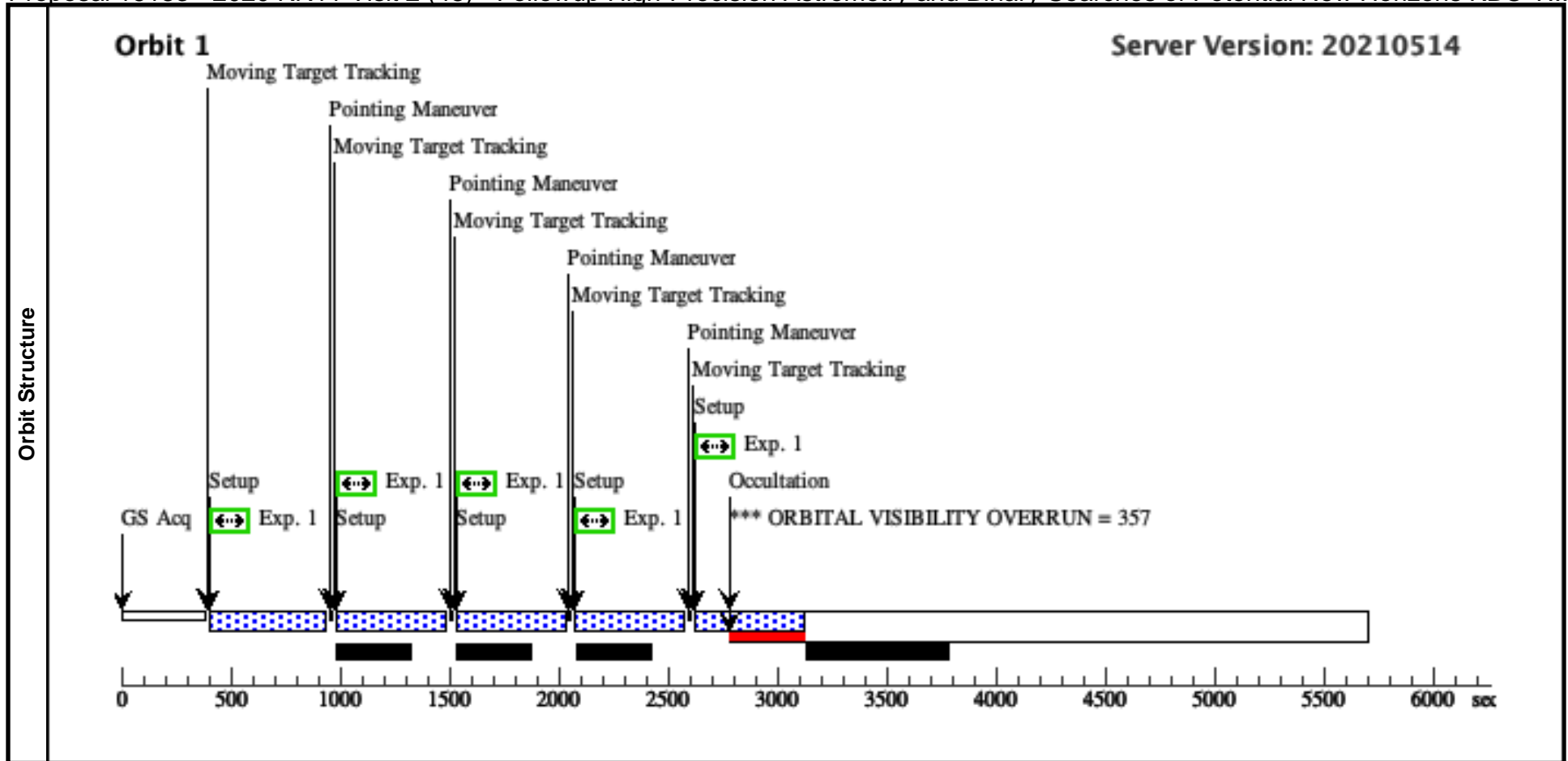
Proposal 16183 - 2020 KR11 Visit 1 (12) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, 2020 KR11 Visit 1 (12), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 21-OCT-2020 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KR11 Visit 1 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(12)	2020KR11	TYPE=ASTEROID,A=46.3666806534 59,E=0.083557548747,I=5.909432135 346,O=131.083327925103,W=324.481 300994691,M=193.541093989582,EQ UINOX=J2000,EPOCH=22-JUN- 2020:11:21:07,EpochTimeScale=UTC  <i>Comments: Description=New Horizons Candidate Target                  Extended=NO</i>				EARTH			
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(12) 2020KR11	WFC3/UVIS, ACCUM, UVIS2	F350LP				Sequence 1-1 Non-Int in 2020 KR11 Visit 1 (12) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KR11 Visit 1 (12) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



Proposal 16183 - 2020 KR11 Visit 2 (48) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, 2020 KR11 Visit 2 (48), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: AFTER 12 BY 1 D TO 30 D; BETWEEN 21-OCT-2020 AND 09-NOV-2020:00:00:00									
	<b>Diagnostics</b> (2020 KR11 Visit 2 (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>			<b>Secondary Pattern</b>		<b>Exposures</b>			
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true				(1)			
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>	<b>Ephem Center</b>			
	(12)	2020KR11	TYPE=ASTEROID,A=46.3666806534 59,E=0.083557548747,I=5.909432135 346,O=131.083327925103,W=324.481 300994691,M=193.541093989582,EQ UINOX=J2000,EPOCH=22-JUN- 2020:11:21:07,EpochTimeScale=UTC				EARTH			
Comments: Description=New Horizons Candidate Target Extended=NO										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(12) 2020KR11	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KR11 Visit 2 (48) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KR11 Visit 2 (48) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]



Proposal 16183 - 2020 KP11 Visit 3 (49) - Followup High-Precision Astrometry and Binary Searches of Potential New Horizons KBO T...

<b>Visit</b>	Proposal 16183, 2020 KP11 Visit 3 (49), completed <span style="float: right;">Mon Jul 26 16:01:10 GMT 2021</span> Diagnostic Status: Warning Scientific Instruments: WFC3/UVIS Special Requirements: BETWEEN 01-MAR-2021 AND 21-MAR-2021									
	(2020 KP11 Visit 3 (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN									
<b>Diagnosics</b>										
<b>Patterns</b>	#	Primary Pattern		Secondary Pattern		Exposures				
	(1)	Pattern Type=LINE Purpose=OTHER Number Of Points=5 Point Spacing=0.030 Line Spacing=	Coordinate Frame=CELESTIAL Pattern Orientation=0 Angle Between Sides= Center Pattern=true			(1)				
<b>Solar System Targets</b>	#	Name	Level 1	Level 2	Level 3	Window				
	(38)	2020KP11B	TYPE=ASTEROID,A=45.6950094675 12,E=0.156257781488,I=22.13209966 7801,O=110.280521136812,W=27.063 865875303,M=138.364204219746,EQ UINOX=J2000,EPOCH=15-MAR- 2021:00:00:00,EpochTimeScale=UTC				EARTH			
Comments: Description=New Horizons Candidate Target Extended=NO										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(38) 2020KP11B	WFC3/UVIS, ACCUM, UVIS2	F350LP			Sequence 1-1 Non-Int in 2020 KP11 Visit 3 (49) Pattern 1, Exps 1-1 in Sequence 1-1 Non-Int in 2020 KP11 Visit 3 (49) (1)	370 Secs (1925 Secs) [==>385.0 Secs (Pattern 1)] [==>385.0 Secs (Pattern 2)] [==>385.0 Secs (Pattern 3)] [==>385.0 Secs (Pattern 4)] [==>385.0 Secs (Pattern 5)]	[1]

