



# 17811 - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Collapse Supernovae

Cycle: 32, Proposal Category: GO

(Availability Mode: SUPPORTED)

## INVESTIGATORS

<i>Name</i>	<i>Institution</i>
<b>Dr. Sebastian Gomez (PI) (Contact)</b>	<b>University of Texas at Austin</b>
Brian Hsu (CoI)	University of Arizona
Dr. Ori Dosovitz Fox (CoI)	Space Telescope Science Institute
Prof. Edo Berger (CoI)	Harvard University
Dr. Peter Blanchard (CoI)	Harvard University
Dr. Daichi Hiramatsu (CoI)	Harvard University

## 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>
02	(1) IPTF13DNT	WFC3/UVIS	1	16-May-2025 09:04:32.0	yes
01	(2) IPTF16ASU	WFC3/UVIS	1	16-May-2025 09:04:32.0	yes
03	(3) IPTF17CW	WFC3/UVIS	1	16-May-2025 09:04:33.0	yes
04	(4) OGLE15XL	WFC3/UVIS	1	16-May-2025 09:04:33.0	yes
30	(4) OGLE15XL	WFC3/UVIS	1	15-May-2025 14:28:00.0	yes
05	(5) PS15CVN	WFC3/UVIS	1	16-May-2025 09:04:33.0	yes
06	(6) PTF10GVB	WFC3/UVIS	1	16-May-2025 09:04:34.0	yes
07	(7) PTF10IAM	WFC3/UVIS	1	16-May-2025 09:04:34.0	yes

Proposal 17811 (STScI Edit Number: 1, Created: Friday, May 16, 2025, 8:04:41AM 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>
08	(8) PTF11IMG	WFC3/UVIS	1	16-May-2025 09:04:34.0	yes
09	(9) SN1991D	WFC3/UVIS	1	16-May-2025 09:04:35.0	yes
10	(10) SN2007CE	WFC3/UVIS	1	16-May-2025 09:04:35.0	yes
11	(11) SN2010AY	WFC3/UVIS	1	16-May-2025 09:04:35.0	yes
12	(12) SN2011KL	WFC3/UVIS	1	16-May-2025 09:04:36.0	yes
29	(12) SN2011KL	WFC3/UVIS	1	16-May-2025 09:04:36.0	yes
13	(13) SN2012AA	WFC3/UVIS	1	16-May-2025 09:04:36.0	yes
14	(14) SN2018BEH	WFC3/UVIS	1	16-May-2025 09:04:36.0	yes
15	(15) SN2019CRI	WFC3/UVIS	1	16-May-2025 09:04:37.0	yes
16	(16) SN2019DWA	WFC3/UVIS	1	16-May-2025 09:04:37.0	yes
17	(17) SN2019GAM	WFC3/UVIS	1	16-May-2025 09:04:38.0	yes
18	(18) SN2019IEH	WFC3/UVIS	1	16-May-2025 09:04:38.0	yes
19	(19) SN2019J	WFC3/UVIS	1	16-May-2025 09:04:38.0	yes
20	(20) SN2019MOC	WFC3/UVIS	1	16-May-2025 09:04:39.0	yes
21	(21) SN2019OBK	WFC3/UVIS	1	16-May-2025 09:04:39.0	yes
22	(23) SN2019STC	WFC3/UVIS	1	16-May-2025 09:04:39.0	yes
23	(24) SN2019UQ	WFC3/UVIS	1	16-May-2025 09:04:39.0	yes
24	(25) SN2019WPB	WFC3/UVIS	1	16-May-2025 09:04:40.0	yes
25	(26) SN2021LEI	WFC3/UVIS	1	16-May-2025 09:04:40.0	yes
26	(27) SN2021LWZ	WFC3/UVIS	1	16-May-2025 09:04:40.0	yes
27	(28) SN2021UVY	WFC3/UVIS	1	16-May-2025 09:04:41.0	yes
28	(29) SN2021YBF	WFC3/UVIS	1	16-May-2025 09:04:41.0	yes
31	(21) SN2019OBK	WFC3/UVIS	1	16-May-2025 09:04:41.0	yes

31 Total Orbits Used

## **ABSTRACT**

Massive stars that have lost their hydrogen and helium envelopes generally end their lives as Type Ic (SNe Ic) core-collapse supernovae (CCSNe). However, a few percent of these stars can explode as Type I superluminous supernovae (SLSNe), which can have luminosities up to 100 times larger than SNe Ic. To date, the relationship between these two types of explosions and the connection between their progenitors remains unclear. Recently, an intermediate class of luminous supernovae (LSNe) has been unveiled, which bridged the gap between SNe Ic and SLSNe in terms of luminosity, spectroscopic properties, physical parameters, and rates. LSNe may prove to be the missing link we need to identify the progenitors of stripped-envelope CCSNe. Studying the host galaxy environments of SNe with HST has already proven to be the best way we have to infer their progenitor properties. Only HST has the depth, UV coverage, and resolution required to detect these galaxies, infer their star formation rates (SFRs) from their UV flux, and accurately pinpoint the location of the SN within their galaxies. Similar studies of about 100 SNe Ic and 80 SLSNe already exist, but only 12 LSNe have been imaged with HST, preventing a meaningful statistical comparison. Here we propose to obtain WFC3/UV imaging of all remaining 28 known LSNe to more than triple the existing sample into a statistically meaningful size, and compare with the existing population of SLSNe and SNe Ic to explore the properties of their progenitors across the entire population continuum of stripped-envelope CCSNe.

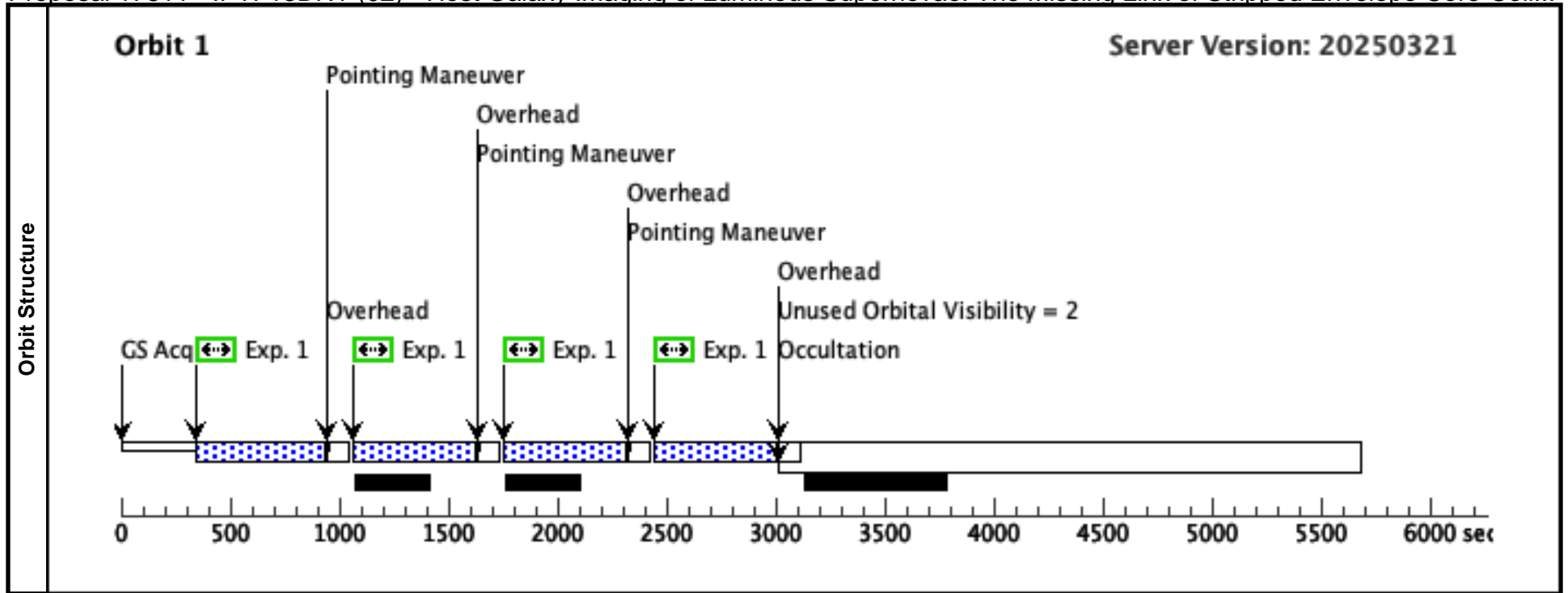
## **OBSERVING DESCRIPTION**

We aim to observe the host galaxies of 28 supernovae with WFC3/UVIS to measure their UV luminosity and the relation between the location of the supernova and the galaxy. Most galaxies are small dwarf galaxies a few arcsec in size. To maximize the signal while focusing on the rest-frame UV, we choose the most transmissive filters whose red edge is below about 300 nm: F300X for  $z < 0.17$ , F336W for  $0.17 < z < 0.41$ , and F390W for  $0.41 < z < 0.79$ . We plan to observe 27 galaxies with 1 orbit, and 1 galaxy, the dimmest one, with two orbits. The program has no constraints on roll angle or when the galaxies should be observed. We plan all observations to be done with a simple 4-point dither pattern. Sources are placed on UVIS2-C1K1C-CTE aperture to maximize SNR, with the expectations of large targets, which are placed on the center of UVIS2 to avoid falling off the detector. A 21 e- post-flash is used for most observations.

Proposal 17811 - IPTF13DNT (02) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Coll...

Fri May 16 13:04:42 GMT 2025

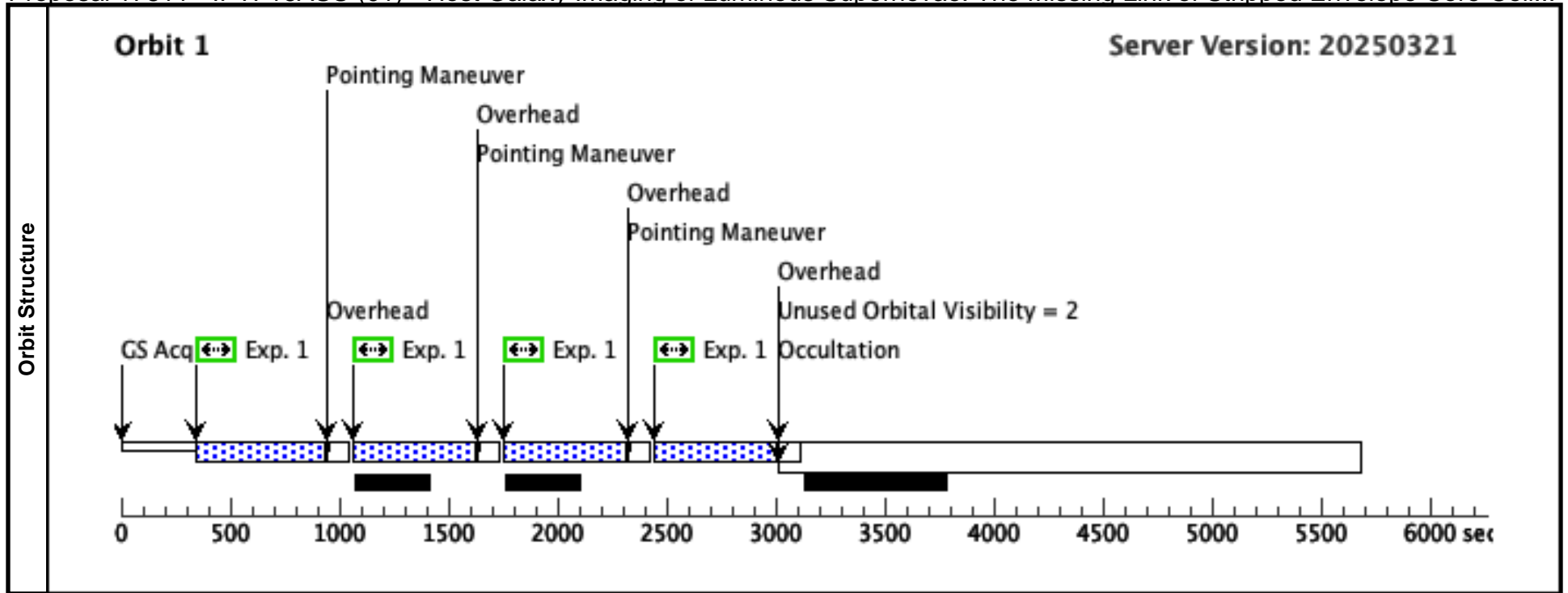
<b>Visit</b>	<b>Proposal 17811, IPTF13DNT (02), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER-BOX 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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(1)	IPTF13DNT	RA: 21 15 21.0330 (318.8376375d) Dec: +12 25 43.56 (12.42877d) Equinox: J2000				V=18.77	Reference Frame: ICRS			
Comments: Category=GALAXY Description=[DWARF COMPACT]											
<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	IPTF13DNT	(1) IPTF13DNT	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in IPTF13DNT (02) (1)	560 Secs (2232 Secs) [=>558.0 Secs (Pattern 1)] [=>558.0 Secs (Pattern 2)] [=>558.0 Secs (Pattern 3)] [=>558.0 Secs (Pattern 4)]		[1]



Proposal 17811 - IPTF16ASU (01) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Coll...

Fri May 16 13:04:42 GMT 2025

<b>Visit</b>	<b>Proposal 17811, IPTF16ASU (01), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>		
	(2)	IPTF16ASU	RA: 12 59 9.3600 (194.7890000d) Dec: +13 48 10.80 (13.80300d) Equinox: J2000				V=22.31		Reference Frame: ICRS		
Comments: Category=GALAXY Description=[DWARF COMPACT]											
<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	IPTF16ASU (2) IPTF16ASU		WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F336W	FLASH=21		Pattern 1, Exps 1-1 in IPTF16ASU (01) (1)	560 Secs (2232 Secs) [=>558.0 Secs (Pattern 1)] [=>558.0 Secs (Pattern 2)] [=>558.0 Secs (Pattern 3)] [=>558.0 Secs (Pattern 4)]		[1]

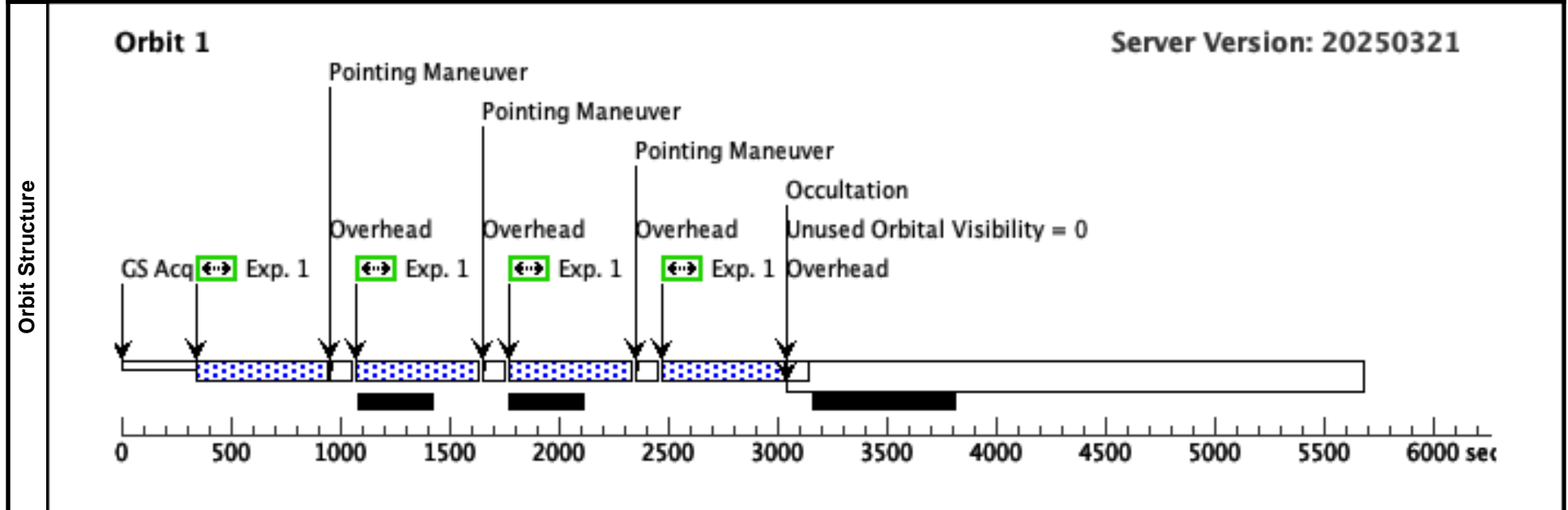


<b>Visit</b>	<b>Proposal 17811, IPTF17CW (03), scheduling</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Coordinate Frame=POS-TARG Pattern Orientation=23.884 Purpose=DITHER Angle Between Sides=81.785 Number Of Points=4 Center Pattern=false Point Spacing=0.173 Line Spacing=0.112		(1)

<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	IPTF17CW	RA: 09 03 38.3770 (135.9099042d) Dec: +43 05 50.28 (43.09730d) Equinox: J2000		V=19.44	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[DWARF COMPACT]					

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	IPTF17CW	(3) IPTF17CW	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in IPTF17CW (03) (1)	560 Secs (2268 Secs) [==>567.0 Secs (Pattern 1)] [==>567.0 Secs (Pattern 2)] [==>567.0 Secs (Pattern 3)] [==>567.0 Secs (Pattern 4)]	[1]



<b>Visit</b>	Proposal 17811, OGLE15XL (04), failed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Patterns</b>	#	<b>Primary Pattern</b>	<b>Secondary Pattern</b>		<b>Exposures</b>					
	(1)	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>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(4)	OGLE15XL	RA: 04 20 53.4499 (65.2227079d) Dec: -73 36 20.20 (-73.60561d) Equinox: J2000		V=20.6	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[DWARF COMPACT]										
<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	OGLE15XL (4)	OGLE15XL	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F336W	FLASH=21		Pattern 1, Exps 1-1 in OGLE15XL (04) (1)	560 Secs (2400 Secs) [=>600.0 Secs (Pattern 1)] [=>600.0 Secs (Pattern 2)] [=>600.0 Secs (Pattern 3)] [=>600.0 Secs (Pattern 4)]	[1]
<b>Orbit Structure</b>	<b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20250321</b></span>									
	<p>The diagram illustrates the orbit structure for Orbit 1, spanning from 0 to 6000 seconds. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Green box with double arrows at approximately 300s.</li> <li><b>Exp. 1:</b> Four green boxes with double arrows representing exposures at approximately 400s, 1100s, 1800s, and 2500s.</li> <li><b>Pointing Maneuvers:</b> Three vertical arrows pointing to the timeline at approximately 1000s, 1700s, and 2400s.</li> <li><b>Overhead:</b> Four vertical arrows pointing to the timeline at approximately 1000s, 1700s, 2400s, and 3100s.</li> <li><b>Occultation:</b> A black bar on the timeline from approximately 3200s to 4000s.</li> <li><b>Unused Orbital Visibility = 3:</b> Indicated by a vertical arrow at the end of the orbit.</li> </ul>									

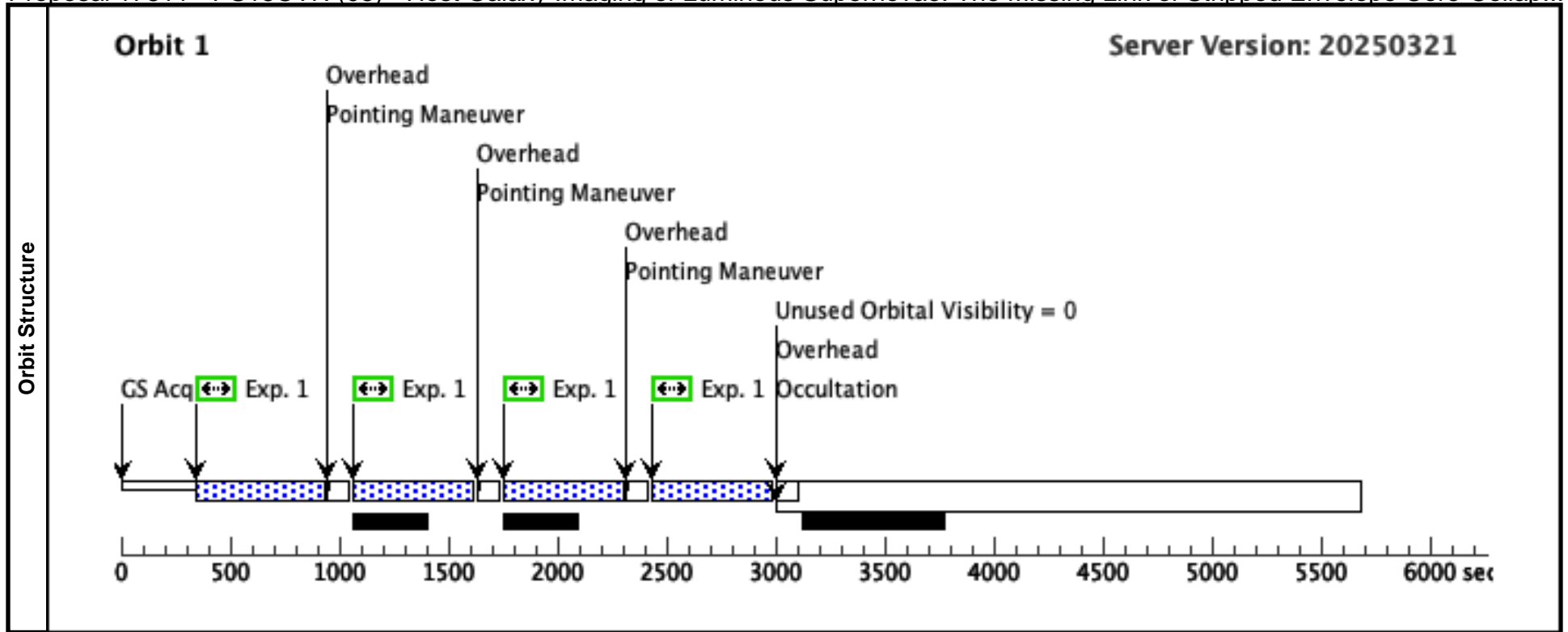
Proposal 17811 - OGLE15XL - Repeat of visit 04 (30) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped E...

Visit	<b>Proposal 17811, OGLE15XL - Repeat of visit 04 (30), scheduling</b> <span style="float: right;">Fri May 16 13:04:42 GMT 2025</span> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
Patterns	#	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>		
Fixed Targets	#	<b>Name</b>		<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>	
Exposures	#	<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)	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)		
	(4)	OGLE15XL		RA: 04 20 53.4499 (65.2227079d) Dec: -73 36 20.20 (-73.60561d) Equinox: J2000				V=20.6		Reference Frame: ICRS	
	1	OGLE15XL (4) OGLE15XL		WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F336W	FLASH=21		Pattern 1, Exps 1-1 in OGLE15XL - Repeat of visit 04 (30) (1)	560 Secs (2400 Secs) [==>600.0 Secs (Pattern 1)] [==>600.0 Secs (Pattern 2)] [==>600.0 Secs (Pattern 3)] [==>600.0 Secs (Pattern 4)]		[1]

Proposal 17811 - PS15CVN (05) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Collap...

Fri May 16 13:04:42 GMT 2025

<b>Visit</b>	<b>Proposal 17811, PS15CVN (05), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(5)	PS15CVN	RA: 00 09 21.6700 (2.3402917d) Dec: -00 04 6.50 (-.06847d) Equinox: J2000				V=17.04	Reference Frame: ICRS			
Comments: Category=GALAXY Description=[DWARF COMPACT]											
<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	PS15CVN	(5) PS15CVN	WFC3/UVIS, ACCUM, UVIS2	F300X	FLASH=21		Pattern 1, Exps 1-1 in PS15CVN (05) (1)	558 Secs (2224 Secs) [=>556.0 Secs (Pattern 1)] [=>556.0 Secs (Pattern 2)] [=>556.0 Secs (Pattern 3)] [=>556.0 Secs (Pattern 4)]		[1]

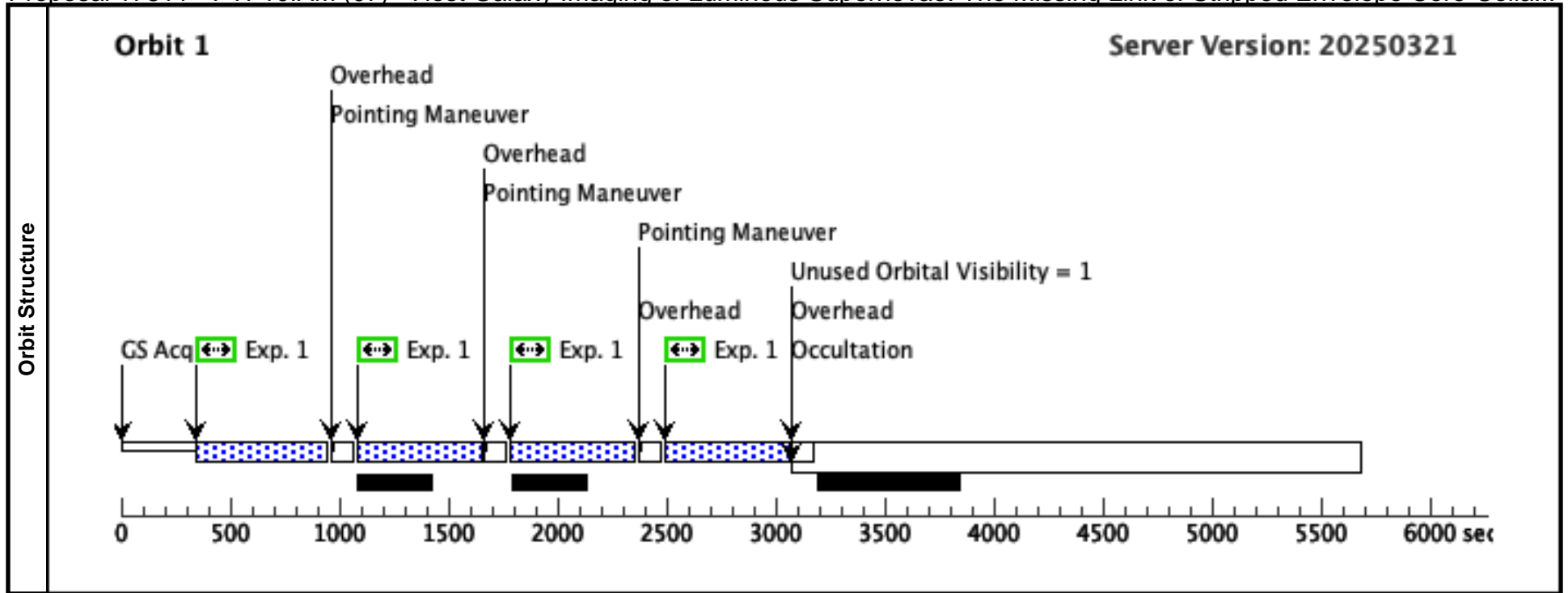


<b>Visit</b>	Proposal 17811, PTF10GVB (06), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Patterns</b>	#	<b>Primary Pattern</b>	<b>Secondary Pattern</b>		<b>Exposures</b>					
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(6)	PTF10GVB	RA: 12 15 32.2800 (183.8845000d) Dec: +40 18 9.50 (40.30264d) Equinox: J2000		V=20.03	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[DWARF COMPACT]										
<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	PTF10GVB	(6) PTF10GVB	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in PTF10GVB (06) (1)	560 Secs (2268 Secs) [=>567.0 Secs (Pattern 1)] [=>567.0 Secs (Pattern 2)] [=>567.0 Secs (Pattern 3)] [=>567.0 Secs (Pattern 4)]	[1]
<b>Orbit Structure</b>	<b>Orbit 1</b>					<b>Server Version: 20250321</b>				
	<p>The diagram illustrates the orbit structure for Orbit 1 over a 6000-second period. Key events are marked as follows:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Green box with double arrows at approximately 300s.</li> <li><b>Exp. 1:</b> Four green boxes with double arrows at approximately 400s, 1000s, 1700s, and 2400s.</li> <li><b>Pointing Maneuvers:</b> Three vertical arrows at approximately 1000s, 1700s, and 2400s.</li> <li><b>Overhead:</b> Four vertical arrows at approximately 1000s, 1700s, 2400s, and 3000s.</li> <li><b>Occultation:</b> A vertical arrow at approximately 3000s.</li> <li><b>Unused Orbital Visibility = 0:</b> A black bar from approximately 3000s to 5700s.</li> </ul> <p>The observation window is shown as a blue checkered area from approximately 300s to 3000s.</p>									

Proposal 17811 - PTF10IAM (07) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Colla...

Fri May 16 13:04:42 GMT 2025

<b>Visit</b>	<b>Proposal 17811, PTF10IAM (07), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(7)	PTF10IAM	RA: 15 45 30.8501 (236.3785421d) Dec: +54 02 33.00 (54.04250d) Equinox: J2000				V=17.6	Reference Frame: ICRS			
	<i>Comments:</i> Category=GALAXY Description=[DWARF COMPACT]										
<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	PTF10IAM	(7) PTF10IAM	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in PTF10IAM (07) (1)	560 Secs (2296 Secs) [==>574.0 Secs (Pattern 1)] [==>574.0 Secs (Pattern 2)] [==>574.0 Secs (Pattern 3)] [==>574.0 Secs (Pattern 4)]		[1]

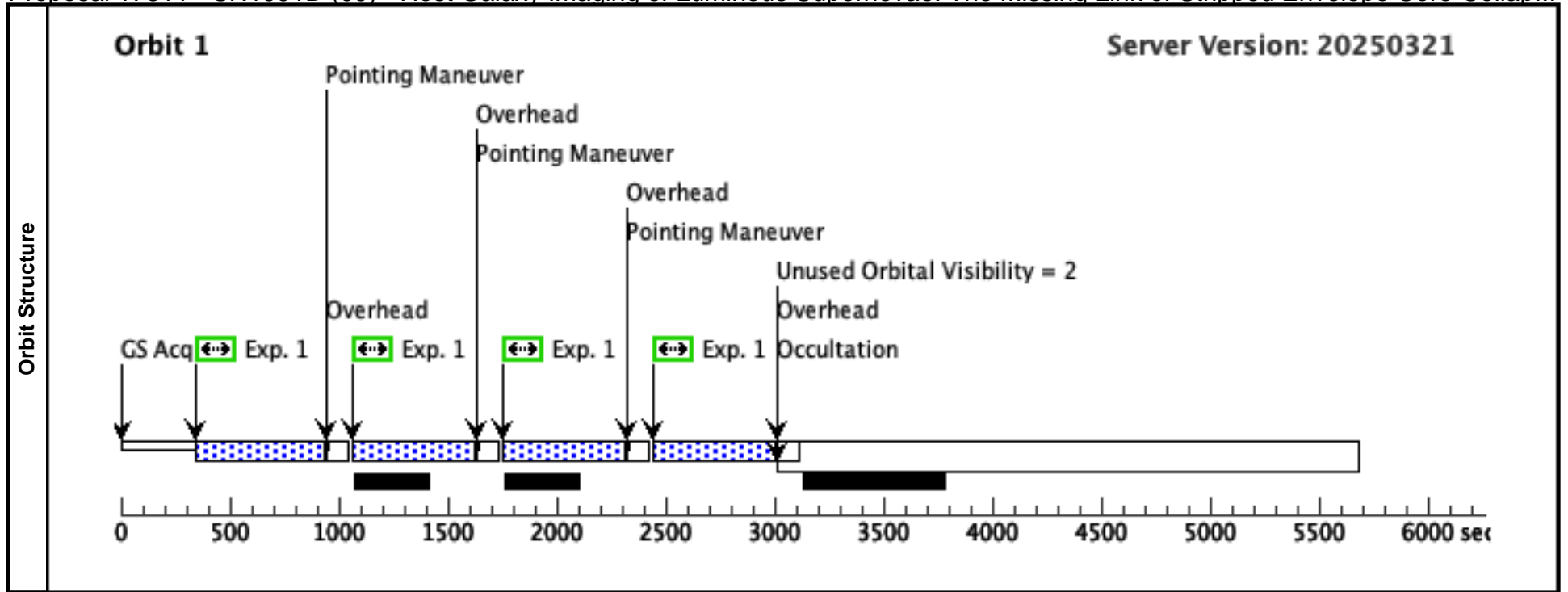


<b>Visit</b>	Proposal 17811, PTF11IMG (08), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>					
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(8)	PTF11IMG	RA: 17 34 36.3040 (263.6512667d) Dec: +60 48 50.64 (60.81407d) Equinox: J2000		V=23.3	Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[DWARF COMPACT]									
<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	PTF11IMG	(8) PTF11IMG	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in PTF11IMG (08) (1)	560 Secs (2336 Secs) [=>584.0 Secs (Pattern 1)] [=>584.0 Secs (Pattern 2)] [=>584.0 Secs (Pattern 3)] [=>584.0 Secs (Pattern 4)]	[1]
<b>Orbit Structure</b>	<b>Orbit 1</b>									

Proposal 17811 - SN1991D (09) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Collap...

Fri May 16 13:04:42 GMT 2025

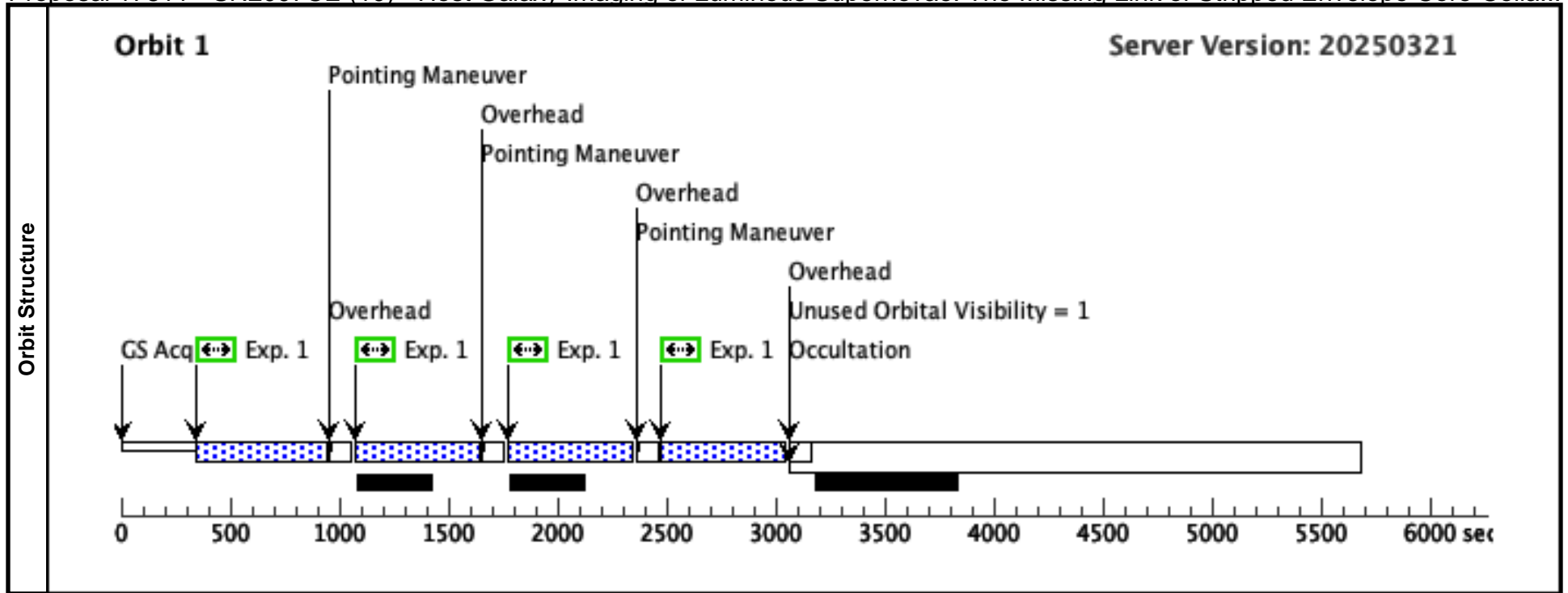
<b>Visit</b>	<b>Proposal 17811, SN1991D (09), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER-BOX 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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(9)	SN1991D	RA: 13 41 12.3912 (205.3016300d) Dec: -14 38 44.59 (-14.64572d) Equinox: J2000				V=16.23	Reference Frame: ICRS			
Comments: Category=GALAXY Description=[DWARF COMPACT]											
<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	SN1991D	(9) SN1991D	WFC3/UVIS, ACCUM, UVIS2	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN1991D (09) (1)	560 Secs (2232 Secs) [=>558.0 Secs (Pattern 1)] [=>558.0 Secs (Pattern 2)] [=>558.0 Secs (Pattern 3)] [=>558.0 Secs (Pattern 4)]		[1]



Proposal 17811 - SN2007CE (10) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Colla...

Fri May 16 13:04:42 GMT 2025

<b>Visit</b>	<b>Proposal 17811, SN2007CE (10), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(10)	SN2007CE	RA: 12 10 17.9592 (182.5748300d) Dec: +48 43 31.51 (48.72542d) Equinox: J2000				V=20.28	Reference Frame: ICRS			
	<i>Comments:</i> Category=GALAXY Description=[DWARF COMPACT]										
<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	SN2007CE	(10) SN2007CE	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2007CE (10) (1)	560 Secs (2280 Secs) [==>570.0 Secs (Pattern 1)] [==>570.0 Secs (Pattern 2)] [==>570.0 Secs (Pattern 3)] [==>570.0 Secs (Pattern 4)]		[1]



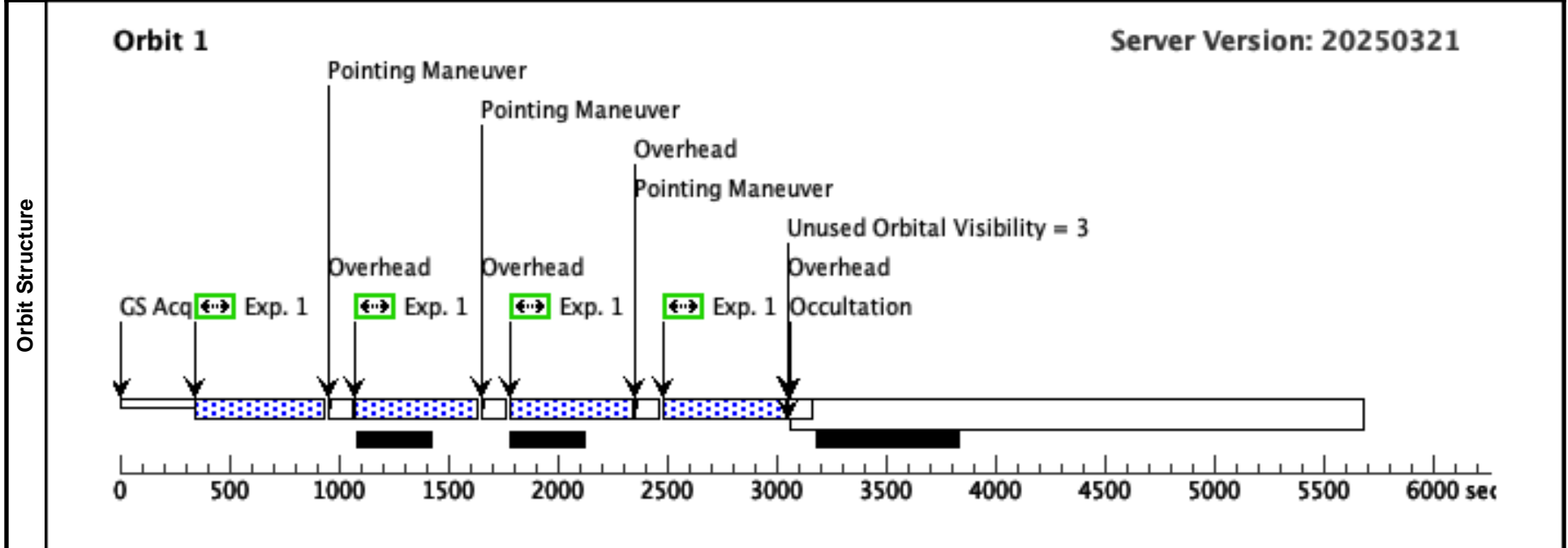
<b>Visit</b>	Proposal 17811, SN2010AY (11), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Patterns</b>	# (1)	<b>Primary Pattern</b> Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 Point Spacing=0.173 Line Spacing=0.112	<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>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	SN2010AY	RA: 12 35 27.1896 (188.8632900d) Dec: +27 04 2.78 (27.06744d) Equinox: J2000		V=19.08	Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[DWARF COMPACT]									
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SN2010AY	(11) SN2010AY	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2010AY (11) (1)	560 Secs (2248 Secs) [==>562.0 Secs (Pattern 1)] [==>562.0 Secs (Pattern 2)] [==>562.0 Secs (Pattern 3)] [==>562.0 Secs (Pattern 4)]	[1]
<b>Orbit Structure</b>	<div style="display: flex; justify-content: space-between;"> <span><b>Orbit 1</b></span> <span><b>Server Version: 20250321</b></span> </div> <p>The diagram illustrates the orbit structure for Orbit 1, spanning from 0 to 6000 seconds. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq</b> (Green box with double arrows) at approximately 300s.</li> <li><b>Exp. 1</b> (Green box with double arrows) at approximately 400s, 1000s, 1700s, and 2400s.</li> <li><b>Pointing Maneuvers</b> (Vertical lines) at approximately 1000s, 1700s, and 2400s.</li> <li><b>Overhead</b> periods (Vertical lines) at approximately 1000s, 1700s, 2400s, and 3000s.</li> <li><b>Occultation</b> (Vertical line) at approximately 3000s.</li> <li><b>Unused Orbital Visibility = 3</b> (Vertical line) at approximately 3000s.</li> </ul> <p>The timeline is marked with ticks every 500 seconds, and the x-axis is labeled '6000 sec'.</p>									

<b>Visit</b>	Proposal 17811, SN2011KL (12), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	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>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	SN2011KL	RA: 00 57 22.6392 (14.3443300d) Dec: -46 48 3.60 (-46.80100d) Equinox: J2000		V=24.9	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[DWARF COMPACT]					

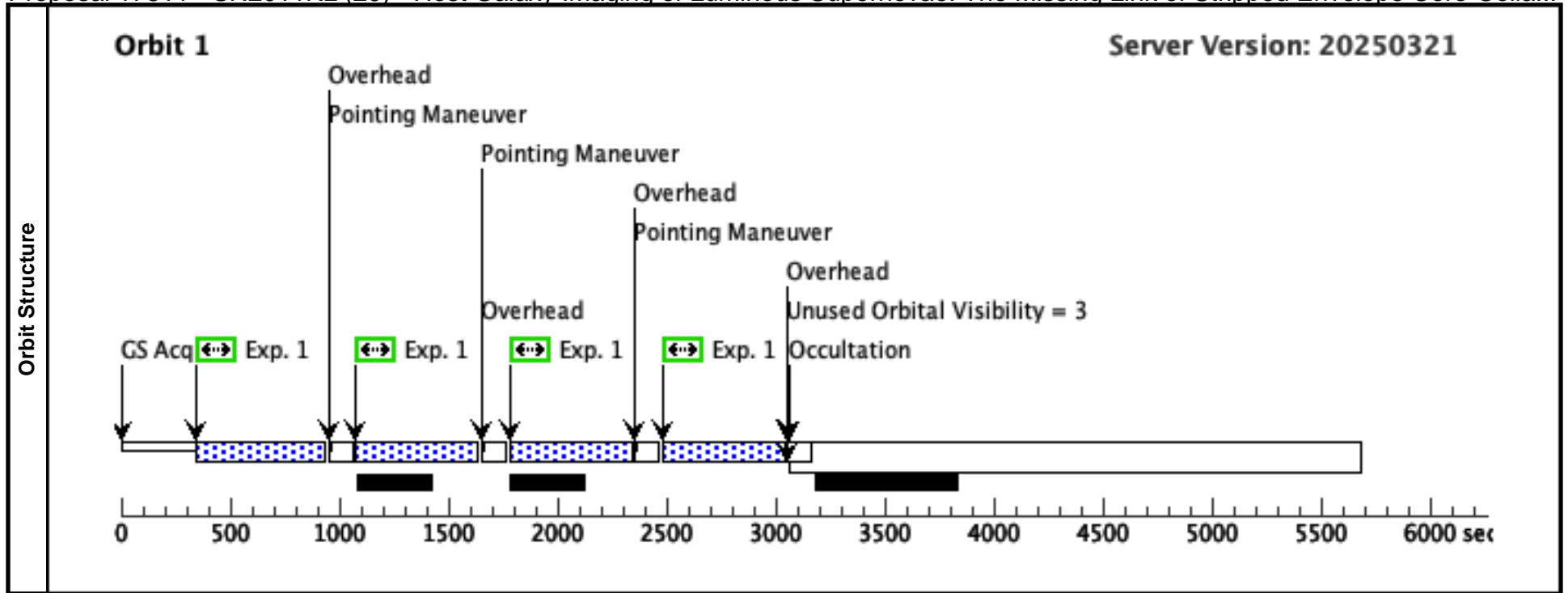
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SN2011KL	(12) SN2011KL	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=15		Pattern 1, Exps 1-1 in SN2011KL (12) (1)	560 Secs (2260 Secs) [=>565.0 Secs (Pattern 1)] [=>565.0 Secs (Pattern 2)] [=>565.0 Secs (Pattern 3)] [=>565.0 Secs (Pattern 4)]	[1]



Proposal 17811 - SN2011KL (29) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Colla...

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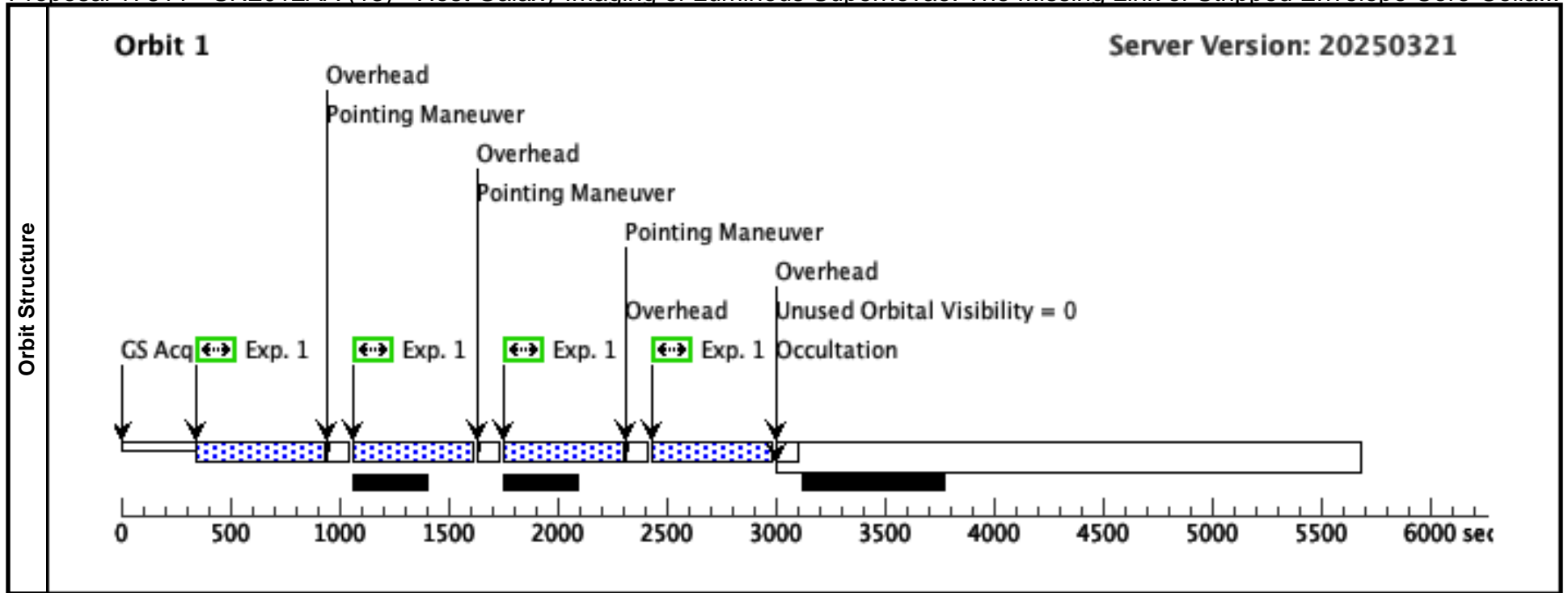
<b>Visit</b>	<b>Proposal 17811, SN2011KL (29), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER-BOX 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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(12)	SN2011KL	RA: 00 57 22.6392 (14.3443300d) Dec: -46 48 3.60 (-46.80100d) Equinox: J2000				V=24.9	Reference Frame: ICRS			
<i>Comments:</i> Category=GALAXY Description=[DWARF COMPACT]											
<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	SN2011KL	(12) SN2011KL	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F390W	FLASH=15		Pattern 1, Exps 1-1 in SN2011KL (29) (1)	560 Secs (2260 Secs) [==>565.0 Secs (Pattern 1)] [==>565.0 Secs (Pattern 2)] [==>565.0 Secs (Pattern 3)] [==>565.0 Secs (Pattern 4)]		[1]



Proposal 17811 - SN2012AA (13) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Colla...

Fri May 16 13:04:42 GMT 2025

<b>Visit</b>	<b>Proposal 17811, SN2012AA (13), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(13)	SN2012AA	RA: 14 52 33.4800 (223.1395000d) Dec: -03 31 54.01 (-3.53167d) Equinox: J2000				V=20.21	Reference Frame: ICRS			
<i>Comments:</i> Category=GALAXY Description=[DWARF COMPACT]											
<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	SN2012AA	(13) SN2012AA	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2012AA (13) (1)	560 Secs (2224 Secs) [==>556.0 Secs (Pattern 1)] [==>556.0 Secs (Pattern 2)] [==>556.0 Secs (Pattern 3)] [==>556.0 Secs (Pattern 4)]		[1]

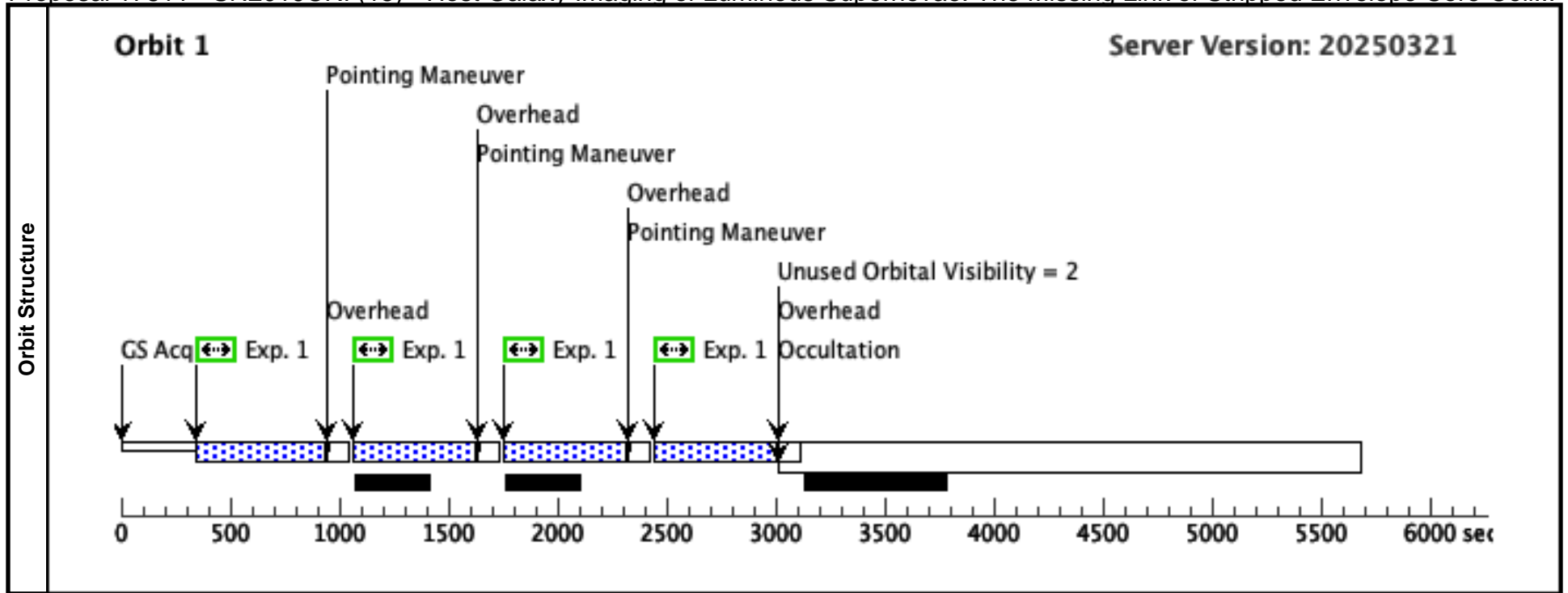


<b>Visit</b>	Proposal 17811, SN2018BEH (14), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Patterns</b>	#	Primary Pattern		Secondary Pattern	Exposures					
	(1)	Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER Number Of Points=4 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>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(14)	SN2018BEH	RA: 09 31 23.0262 (142.8459425d) Dec: +17 48 28.03 (17.80779d) Equinox: J2000		V=19.12	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[DWARF COMPACT]										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SN2018BEH	(14) SN2018BEH	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2018BEH (14) (1)	560 Secs (2240 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]	[1]
<b>Orbit Structure</b>	Orbit 1 <span style="float: right;">Server Version: 20250321</span>									
	<p>The diagram illustrates the orbit structure for Orbit 1, spanning from 0 to 6000 seconds. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Green box with double arrows at approximately 400s.</li> <li><b>Exp. 1:</b> Four green boxes with double arrows representing exposures at approximately 500s, 1000s, 1700s, and 2400s.</li> <li><b>Pointing Maneuvers:</b> Three vertical arrows pointing to the timeline at approximately 1000s, 1700s, and 2400s.</li> <li><b>Overhead:</b> Four vertical arrows pointing to the timeline at approximately 1000s, 1700s, 2400s, and 3000s.</li> <li><b>Occultation:</b> A vertical arrow pointing to the timeline at 3000s.</li> <li><b>Unused Orbital Visibility = 2:</b> A black bar at the end of the timeline from approximately 3000s to 3800s.</li> <li><b>Observation Window:</b> A shaded blue region from approximately 400s to 3000s.</li> </ul>									

Proposal 17811 - SN2019CRI (15) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Coll...

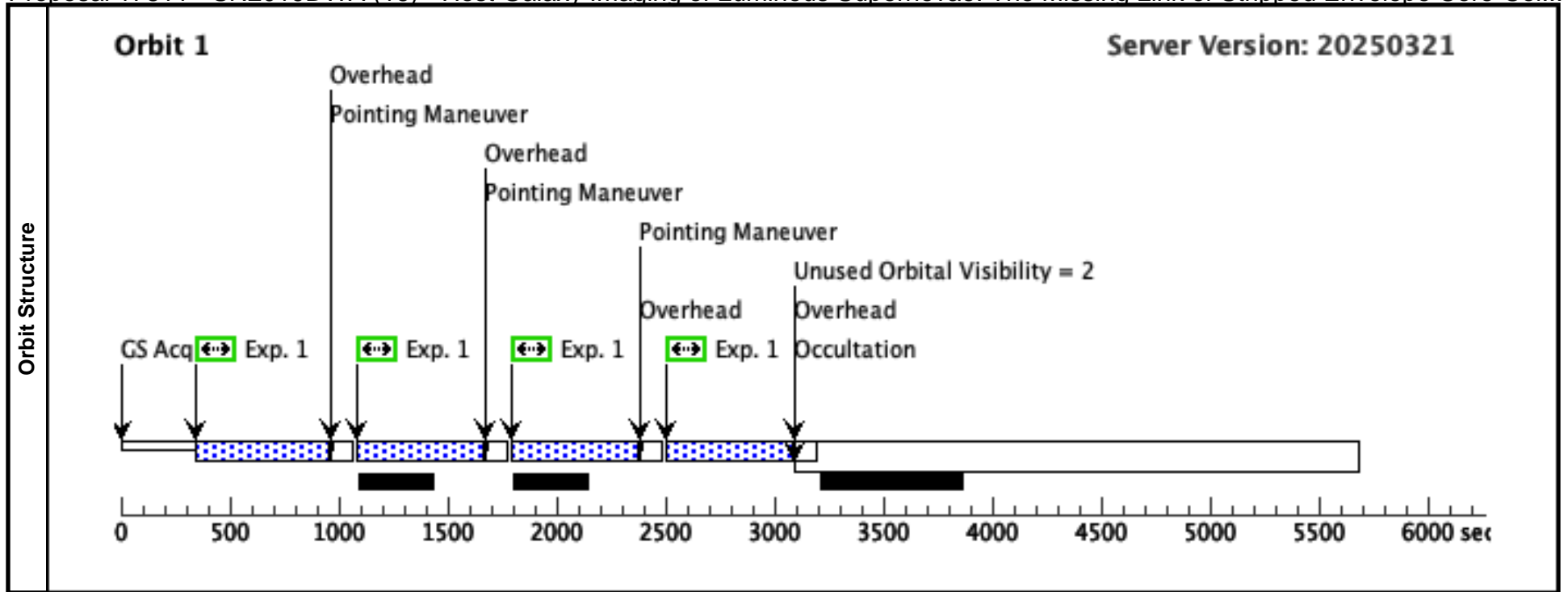
Fri May 16 13:04:42 GMT 2025

<b>Visit</b>	<b>Proposal 17811, SN2019CRI (15), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(15)	SN2019CRI	RA: 13 54 2.7199 (208.5113329d) Dec: +14 43 46.96 (14.72971d) Equinox: J2000				V=18.73	Reference Frame: ICRS			
Comments: Category=GALAXY Description=[DWARF COMPACT]											
<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	SN2019CRI (15)	SN2019CRI	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2019CRI (15) (1)	560 Secs (2232 Secs) [=>558.0 Secs (Pattern 1)] [=>558.0 Secs (Pattern 2)] [=>558.0 Secs (Pattern 3)] [=>558.0 Secs (Pattern 4)]		[1]



Proposal 17811 - SN2019DWA (16) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Col...

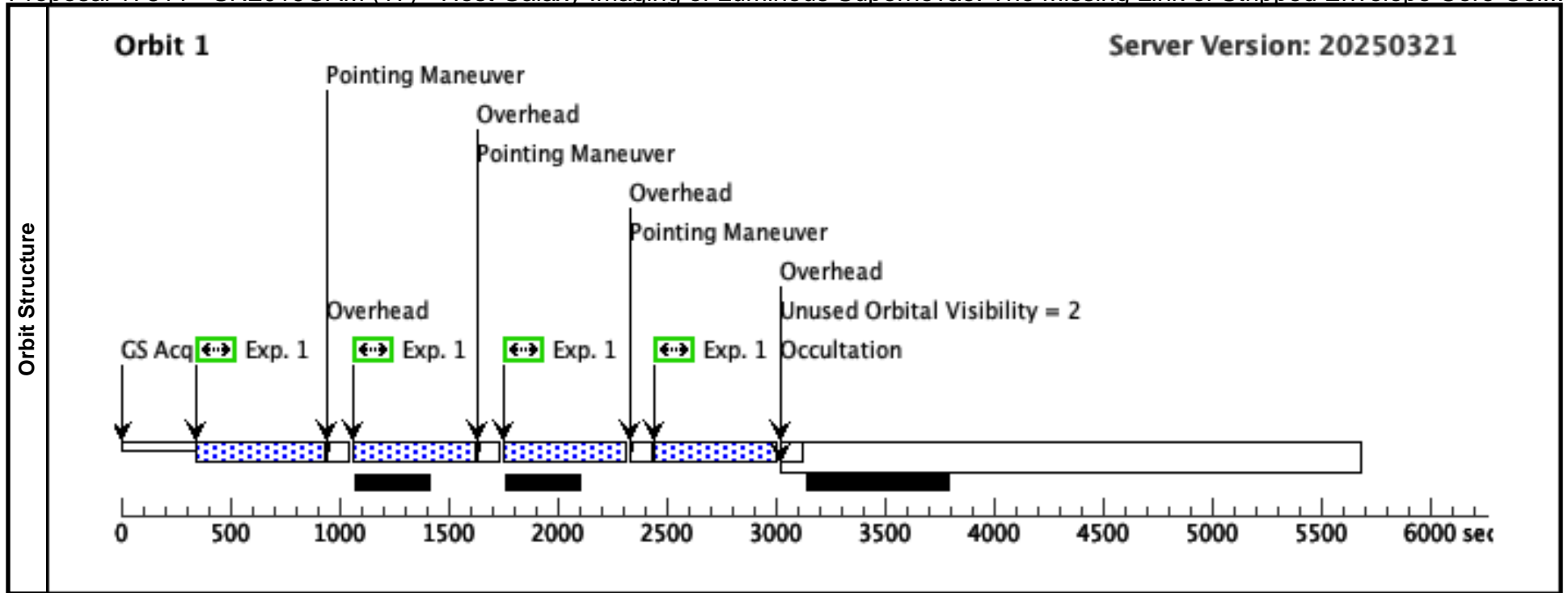
<b>Visit</b>	Proposal 17811, SN2019DWA (16), completed <span style="float: right;">Fri May 16 13:04:42 GMT 2025</span> Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Patterns</b>	#	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>					
(1)		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>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(16)	SN2019DWA	RA: 15 38 57.4800 (234.7395000d) Dec: +56 36 18.18 (56.60505d) Equinox: J2000		V=23.04	Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[DWARF COMPACT]									
<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	SN2019DWA	(16) SN2019DWA	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2019DWA (16) (1)	560 Secs (2316 Secs) [==>579.0 Secs (Pattern 1)] [==>579.0 Secs (Pattern 2)] [==>579.0 Secs (Pattern 3)] [==>579.0 Secs (Pattern 4)]	[1]



Proposal 17811 - SN2019GAM (17) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Col...

Fri May 16 13:04:42 GMT 2025

<b>Visit</b>	<b>Proposal 17811, SN2019GAM (17), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(17)	SN2019GAM	RA: 10 19 18.3344 (154.8263933d) Dec: +17 12 43.40 (17.21206d) Equinox: J2000				V=22.93	Reference Frame: ICRS			
Comments: Category=GALAXY Description=[DWARF COMPACT]											
<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	SN2019GAM	(17) SN2019GAM	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2019GAM (17) (1)	560 Secs (2240 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



<b>Visit</b>	Proposal 17811, SN2019IEH (18), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
<b>Patterns</b>	#	Primary Pattern	Secondary Pattern		Exposures					
	(1)	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>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(18)	SN2019IEH	RA: 16 42 10.8401 (250.5451671d) Dec: +06 59 2.47 (6.98402d) Equinox: J2000		V=20.9	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[DWARF COMPACT]										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SN2019IEH (18)	SN2019IEH	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21			Pattern 1, Exps 1-1 in SN2019IEH (18) (1) [=>557.0 Secs (Pattern 1)] [=>557.0 Secs (Pattern 2)] [=>557.0 Secs (Pattern 3)] [=>557.0 Secs (Pattern 4)]	[1]
<b>Orbit Structure</b>	<b>Orbit 1</b>					<b>Server Version: 20250321</b>				
	<p>The diagram illustrates the orbit structure for Orbit 1, spanning from 0 to 6000 seconds. Key events are marked as follows:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Green box with double arrows at approximately 300s.</li> <li><b>Exp. 1:</b> Four green boxes with double arrows, each lasting 557.0 seconds, occurring at approximately 400s, 1000s, 1700s, and 2400s.</li> <li><b>Pointing Maneuvers:</b> Three vertical arrows pointing to the timeline at approximately 1000s, 1700s, and 2400s.</li> <li><b>Overhead:</b> Three black bars representing overhead periods at approximately 1000s, 1700s, and 2400s.</li> <li><b>Occultation:</b> A black bar at the end of the orbit, starting around 3000s and ending around 3800s.</li> <li><b>Unused Orbital Visibility = 1:</b> A label indicating the remaining time after the occultation.</li> </ul> <p>A blue checkered bar at the bottom of the timeline represents the total exposure duration, which is 2228 seconds.</p>									

Proposal 17811 - SN2019J (19) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Collaps...

Fri May 16 13:04:42 GMT 2025

<b>Visit</b>	<b>Proposal 17811, SN2019J (19), completed</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	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	

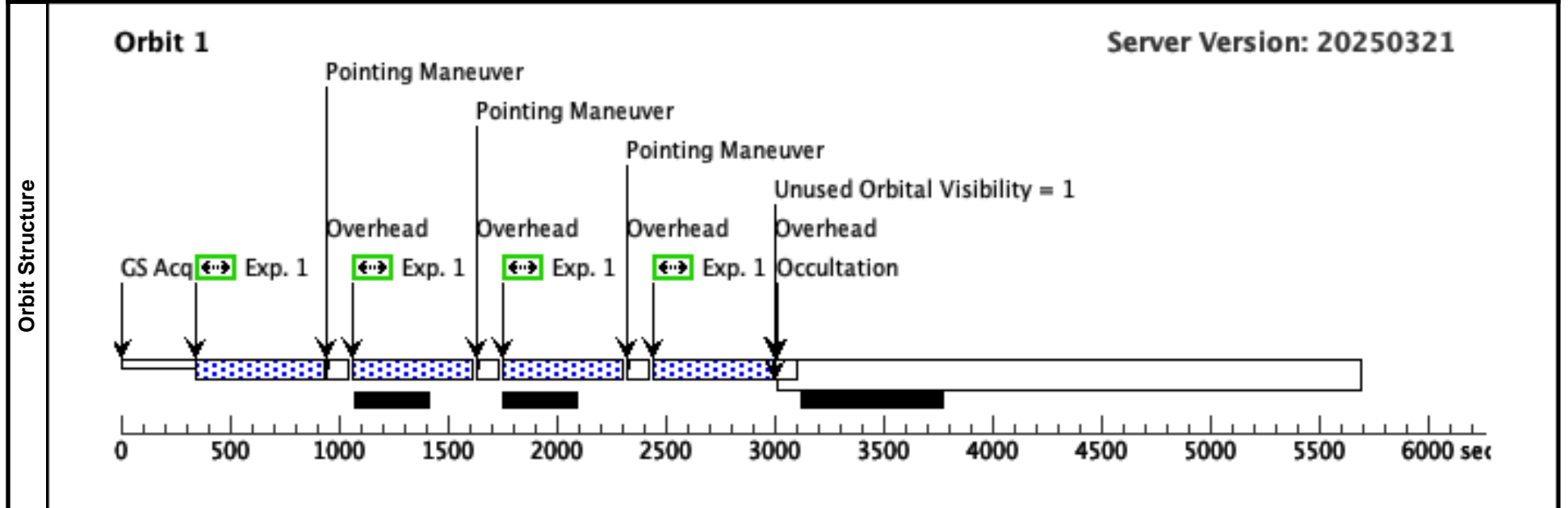
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(19)	SN2019J	RA: 10 03 46.7707 (150.9448779d) Dec: +06 46 24.44 (6.77346d) Equinox: J2000		V=18.78	Reference Frame: ICRS

*Comments:*  
*Category=GALAXY*  
*Description=[DWARF COMPACT]*

<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SN2019J	(19) SN2019J	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21			Pattern 1, Exps 1-1 in SN2019J (19) (1)	560 Secs (2228 Secs)

[=>557.0 Secs (Pattern 1)]  
 [=>557.0 Secs (Pattern 2)]  
 [=>557.0 Secs (Pattern 3)]  
 [=>557.0 Secs (Pattern 4)]

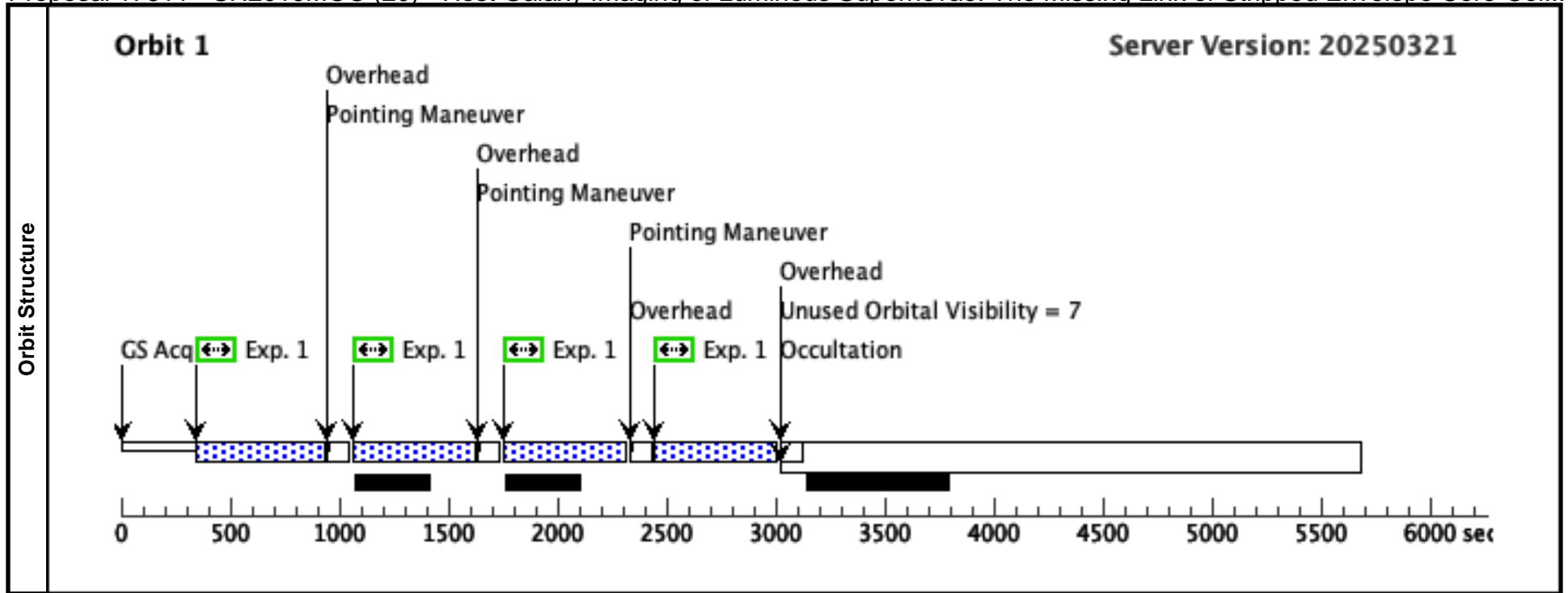
[1]



Proposal 17811 - SN2019MOC (20) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Col...

Fri May 16 13:04:42 GMT 2025

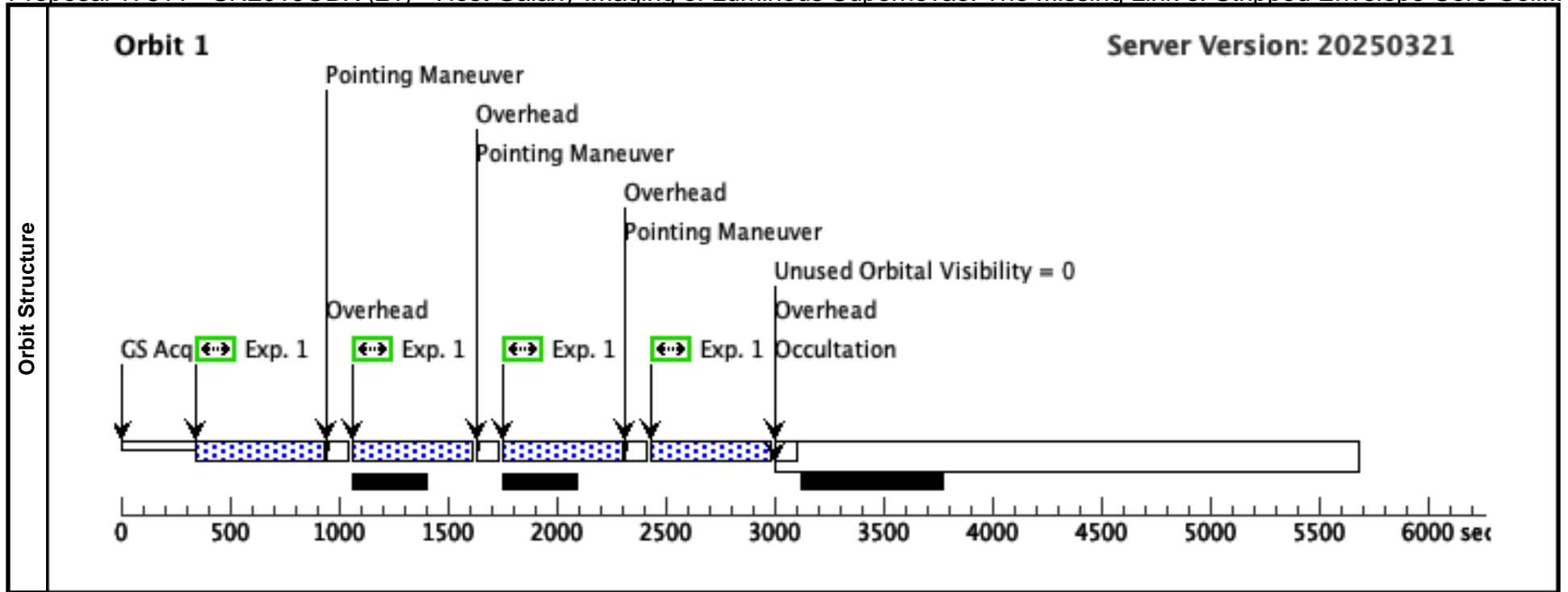
<b>Visit</b>	<b>Proposal 17811, SN2019MOC (20), scheduling</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER-BOX 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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(20)	SN2019MOC	RA: 23 55 45.9499 (358.9414579d) Dec: +21 57 19.73 (21.95548d) Equinox: J2000				V=21.59	Reference Frame: ICRS			
Comments: Category=GALAXY Description=[DWARF COMPACT]											
<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	SN2019MOC	(20) SN2019MOC	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2019MOC (20) (1)	560 Secs (2240 Secs) [=>(Pattern 1)] [=>(Pattern 2)] [=>(Pattern 3)] [=>(Pattern 4)]		[1]



Proposal 17811 - SN2019OBK (21) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Coll...

Fri May 16 13:04:42 GMT 2025

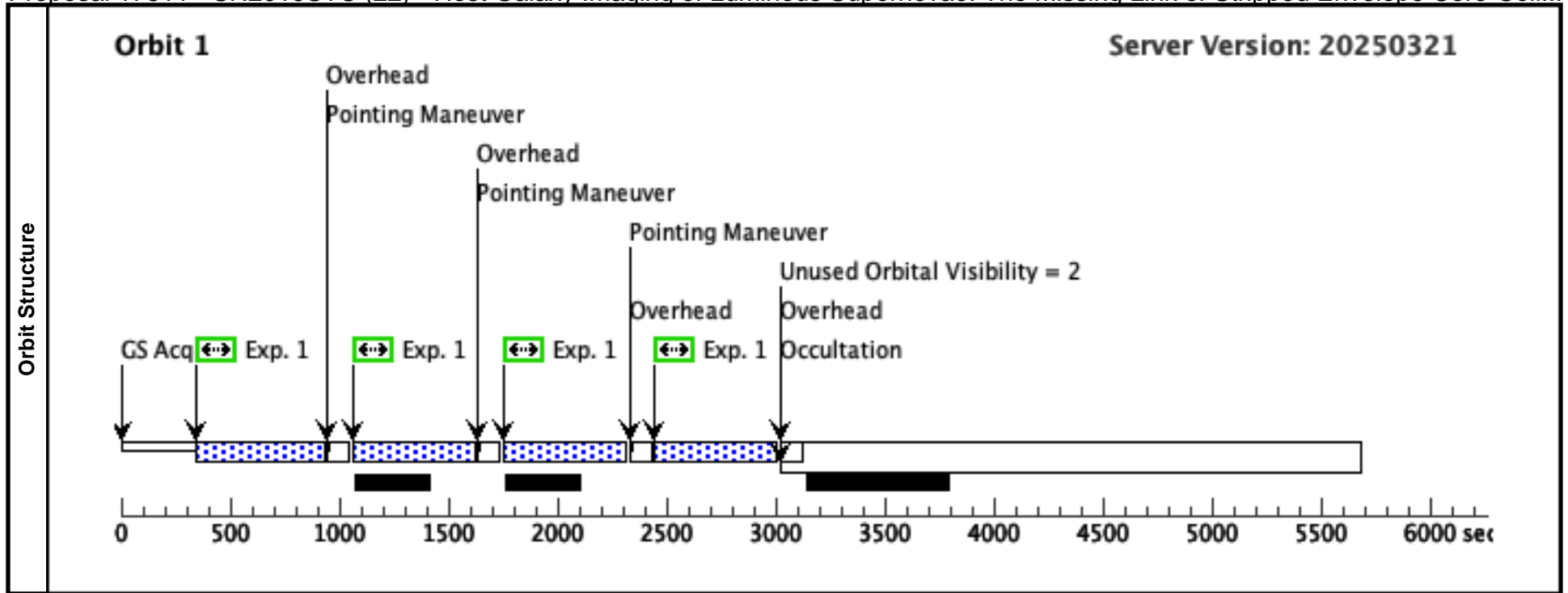
<b>Visit</b>	Proposal 17811, SN2019OBK (21), failed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	#	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(21)	SN2019OBK	RA: 22 33 54.0863 (338.4753596d) Dec: -02 09 42.25 (-2.16174d) Equinox: J2000				V=23.3	Reference Frame: ICRS			
Comments: Category=GALAXY Description=[DWARF COMPACT]											
<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	SN2019OBK	(21) SN2019OBK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2019OBK (21) (1)	560 Secs (2224 Secs) [=>556.0 Secs (Pattern 1)] [=>556.0 Secs (Pattern 2)] [=>556.0 Secs (Pattern 3)] [=>556.0 Secs (Pattern 4)]		[1]



Proposal 17811 - SN2019STC (22) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Coll...

Fri May 16 13:04:42 GMT 2025

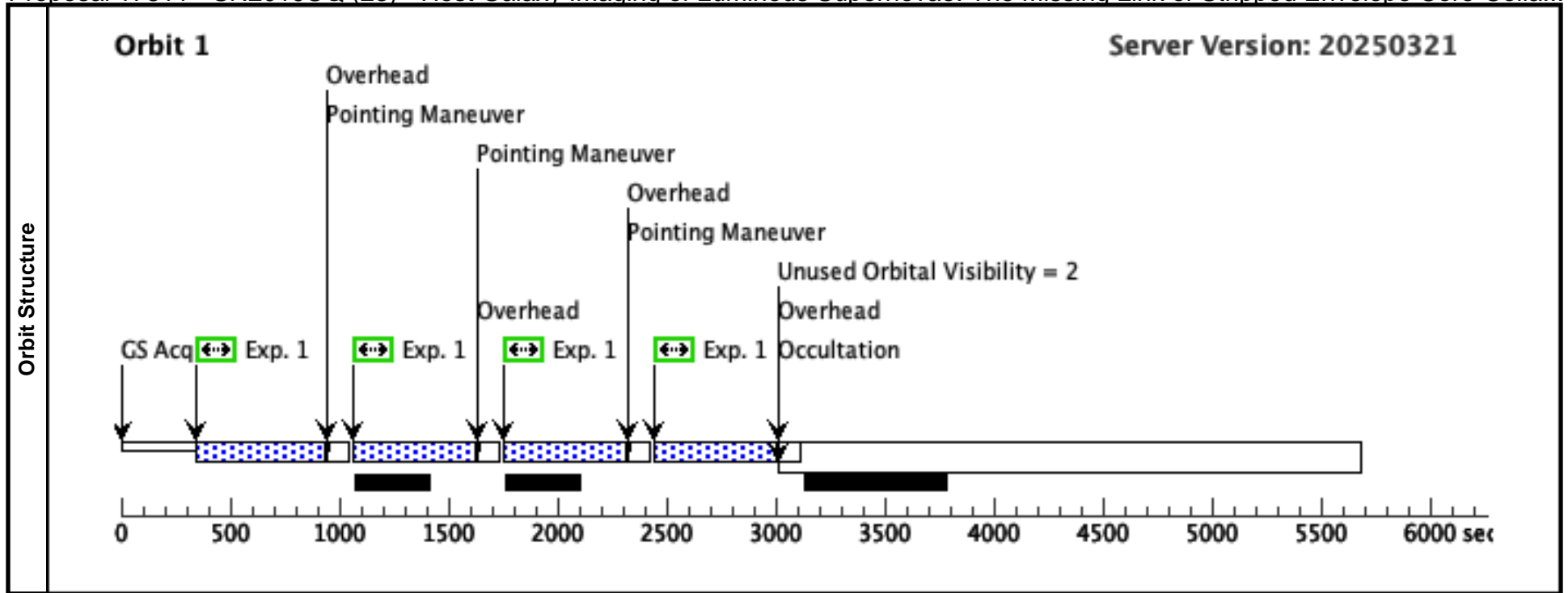
<b>Visit</b>	<b>Proposal 17811, SN2019STC (22), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER-BOX 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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(23)	SN2019STC	RA: 06 54 23.1029 (103.5962621d) Dec: +17 29 31.35 (17.49204d) Equinox: J2000				V=22.05	Reference Frame: ICRS			
Comments: Category=GALAXY Description=[DWARF COMPACT]											
<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	SN2019STC (23)	SN2019STC	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2019STC (22) (1)	560 Secs (2240 Secs) [==>(Pattern 1)] [==>(Pattern 2)] [==>(Pattern 3)] [==>(Pattern 4)]		[1]



Proposal 17811 - SN2019UQ (23) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Colla...

Fri May 16 13:04:42 GMT 2025

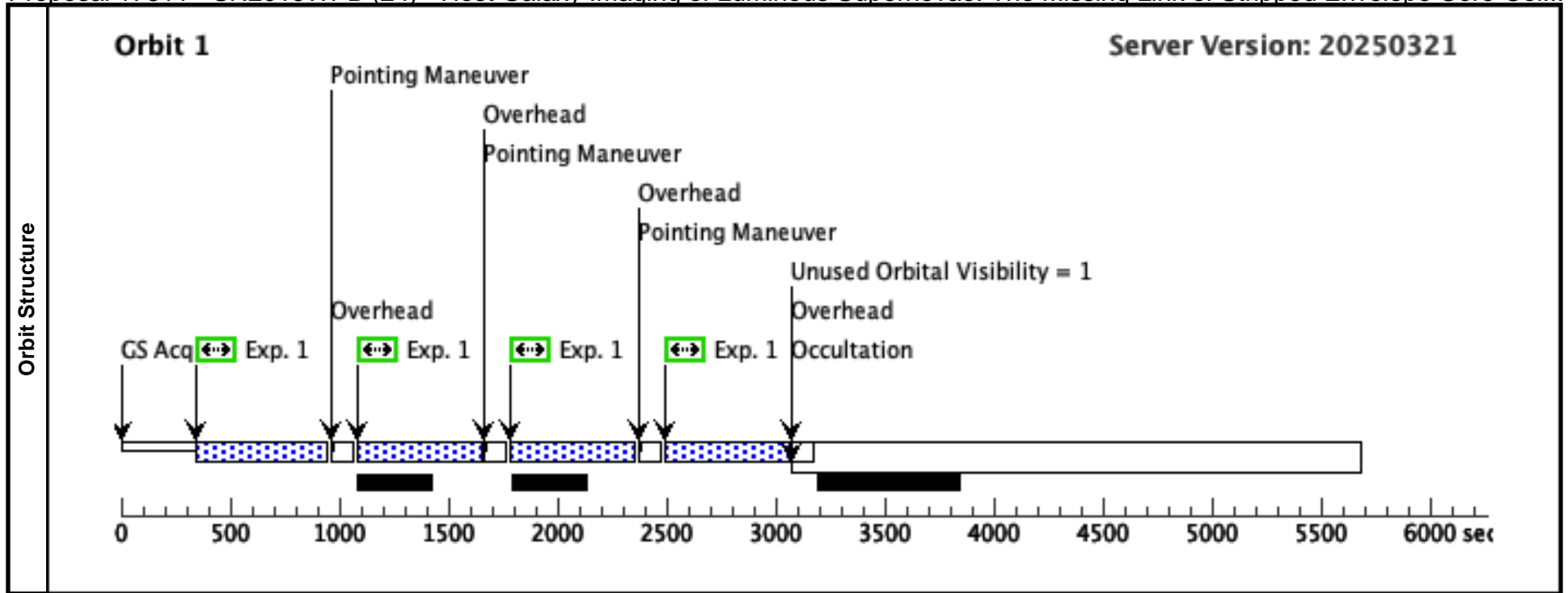
<b>Visit</b>	<b>Proposal 17811, SN2019UQ (23), completed</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER-BOX 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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(24)	SN2019UQ	RA: 12 18 49.7675 (184.7073646d) Dec: -11 33 3.93 (-11.55109d) Equinox: J2000				V=20.75	Reference Frame: ICRS			
Comments: Category=GALAXY Description=[DWARF COMPACT]											
<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	SN2019UQ	(24) SN2019UQ	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2019UQ (23) (1)	560 Secs (2232 Secs) [==>558.0 Secs (Pattern 1)] [==>558.0 Secs (Pattern 2)] [==>558.0 Secs (Pattern 3)] [==>558.0 Secs (Pattern 4)]		[1]



Proposal 17811 - SN2019WPB (24) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Col...

Fri May 16 13:04:42 GMT 2025

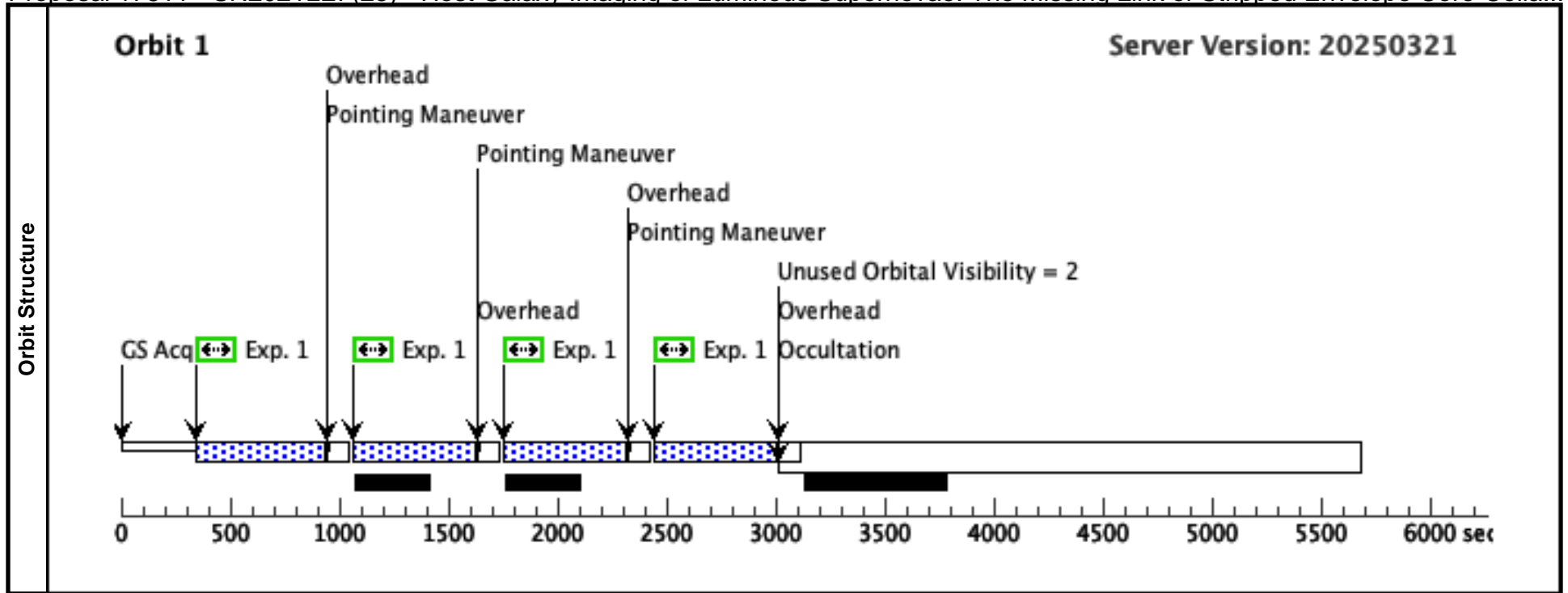
<b>Visit</b>	Proposal 17811, SN2019WPB (24), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	#	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		Pattern Type=WFC3-UVIS-DITHER-BOX Purpose=DITHER 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>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>		
	(25)	SN2019WPB	RA: 10 34 25.3328 (158.6055533d) Dec: +50 41 19.53 (50.68876d) Equinox: J2000				V=16.52		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[DWARF COMPACT]										
<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	SN2019WPB	(25) SN2019WPB	WFC3/UVIS, ACCUM, UVIS2	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2019WPB (24) (1)	560 Secs (2296 Secs) [==>574.0 Secs (Pattern 1)] [==>574.0 Secs (Pattern 2)] [==>574.0 Secs (Pattern 3)] [==>574.0 Secs (Pattern 4)]		[1]



Proposal 17811 - SN2021LEI (25) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Colla...

Fri May 16 13:04:42 GMT 2025

<b>Visit</b>	Proposal 17811, SN2021LEI (25), completed Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	#	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		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>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(26)	SN2021LEI	RA: 12 06 20.9683 (181.5873679d) Dec: +12 40 14.62 (12.67073d) Equinox: J2000				V=20.79	Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[DWARF COMPACT]										
<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	SN2021LEI	(26) SN2021LEI	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2021LEI (25) (1)	560 Secs (2232 Secs) [==>558.0 Secs (Pattern 1)] [==>558.0 Secs (Pattern 2)] [==>558.0 Secs (Pattern 3)] [==>558.0 Secs (Pattern 4)]		[1]

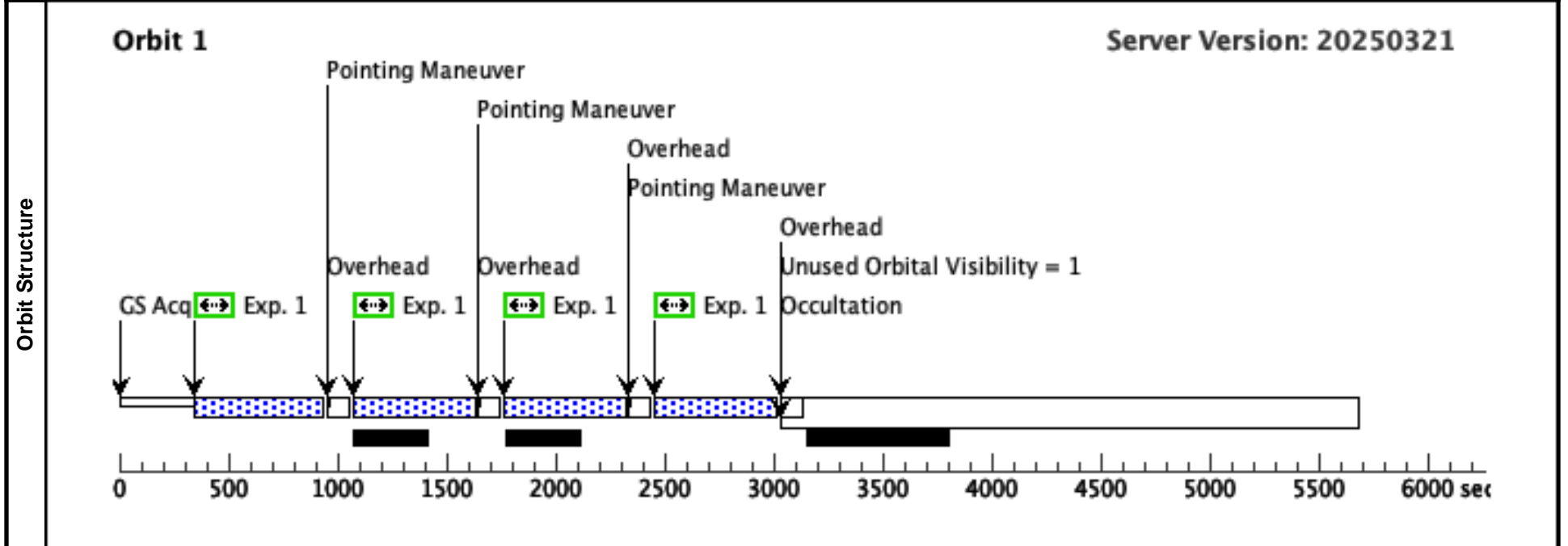


<b>Visit</b>	<b>Proposal 17811, SN2021LWZ (26), completed</b>		
	<b>Diagnostic Status: No Diagnostics</b>		
	Scientific Instruments: WFC3/UVIS		
	Special Requirements: (none)		

<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures
	(1)	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>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(27)	SN2021LWZ	RA: 09 44 47.3878 (146.1974492d) Dec: +34 42 44.23 (34.71229d) Equinox: J2000		V=22.72	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[DWARF COMPACT]					

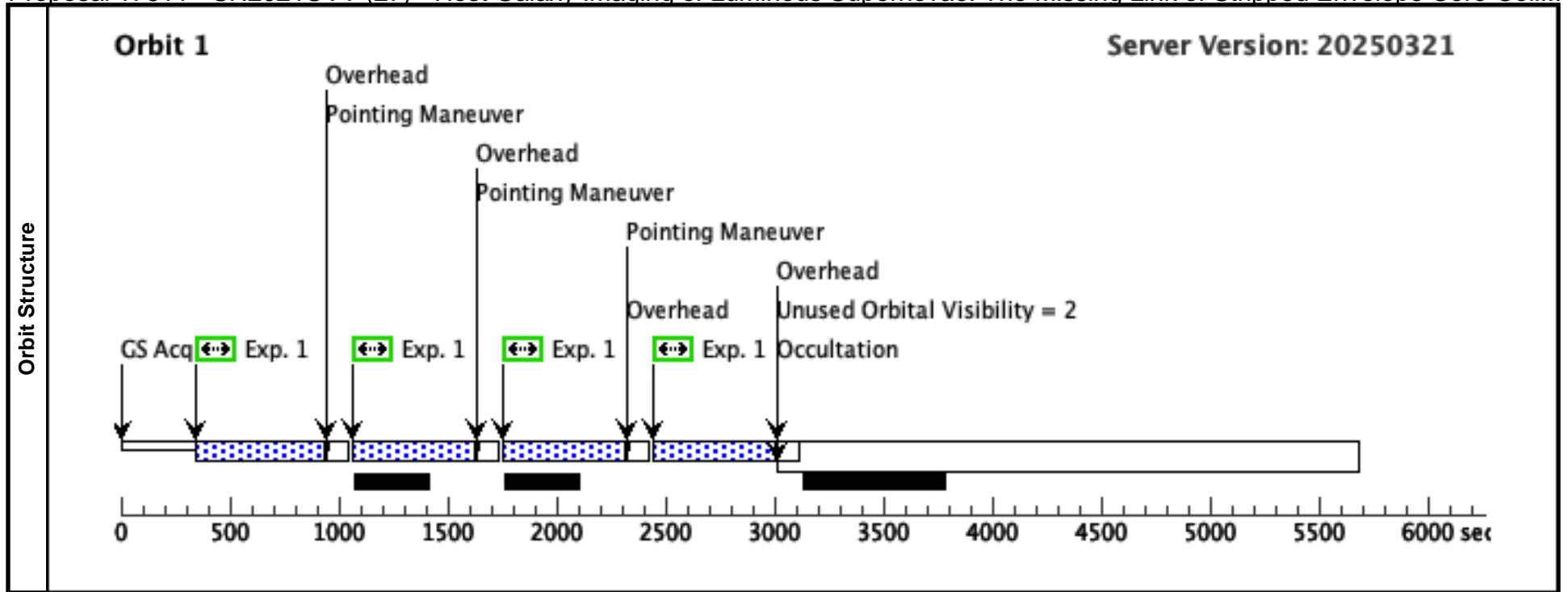
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SN2021LWZ	(27) SN2021LWZ	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2021LWZ (26) (1)	560 Secs (2252 Secs)	
		Z							[=>563.0 Secs (Pattern 1)] [=>563.0 Secs (Pattern 2)] [=>563.0 Secs (Pattern 3)] [=>563.0 Secs (Pattern 4)]	[1]



Proposal 17811 - SN2021UVY (27) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-Coll...

Fri May 16 13:04:42 GMT 2025

<b>Visit</b>	Proposal 17811, SN2021UVY (27), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)										
	<b>Patterns</b>	#	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
(1)		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>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>			
	(28)	SN2021UVY	RA: 00 29 30.8741 (7.3786421d) Dec: +12 06 21.06 (12.10585d) Equinox: J2000				V=23.3	Reference Frame: ICRS			
Comments: Category=GALAXY Description=[DWARF COMPACT]											
<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	SN2021UVY	(28) SN2021UVY	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2021UVY (27) (1)	560 Secs (2232 Secs) [=>558.0 Secs (Pattern 1)] [=>558.0 Secs (Pattern 2)] [=>558.0 Secs (Pattern 3)] [=>558.0 Secs (Pattern 4)]		[1]



<b>Visit</b>	Proposal 17811, SN2021YBF (28), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Patterns</b>	#	Primary Pattern	Secondary Pattern	Exposures					
	(1)	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>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(29)	SN2021YBF	RA: 01 21 13.5909 (20.3066288d) Dec: +28 15 50.06 (28.26391d) Equinox: J2000		V=23.14	Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[DWARF COMPACT]									
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SN2021YBF	(29) SN2021YBF	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in SN2021YBF (28) (1)	560 Secs (2248 Secs) [==>562.0 Secs (Pattern 1)] [==>562.0 Secs (Pattern 2)] [==>562.0 Secs (Pattern 3)] [==>562.0 Secs (Pattern 4)]	[1]
<b>Orbit Structure</b>	Orbit 1 <span style="float: right;">Server Version: 20250321</span>									
	<p>The diagram illustrates the orbit structure for Orbit 1 over a 6000-second period. Key events include:</p> <ul style="list-style-type: none"> <li><b>GS Acq:</b> Green box with double-headed arrow at approximately 300s.</li> <li><b>Exp. 1:</b> Four exposures, each with a green box and double-headed arrow, occurring at approximately 400s, 1000s, 1700s, and 2400s.</li> <li><b>Overhead:</b> Vertical arrows pointing to the start of each exposure.</li> <li><b>Pointing Maneuver:</b> Vertical arrows pointing to the start of each exposure.</li> <li><b>Occultation:</b> A black bar at the bottom of the timeline from approximately 3100s to 3800s.</li> <li><b>Unused Orbital Visibility = 3:</b> A label at the end of the orbit.</li> </ul>									

Proposal 17811 - Visit 21 Repeat (31) - Host Galaxy Imaging of Luminous Supernovae: The Missing Link of Stripped Envelope Core-...

Fri May 16 13:04:42 GMT 2025

<b>Visit</b>	<b>Proposal 17811, VIsit 21 Repeat (31)</b> <b>Diagnostic Status: No Diagnostics</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>
(1)		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>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>	<b>Miscellaneous</b>		
	(21)	SN2019OBK	RA: 22 33 54.0863 (338.4753596d) Dec: -02 09 42.25 (-2.16174d) Equinox: J2000				V=23.3	Reference Frame: ICRS		
	<i>Comments:</i> Category=GALAXY Description=[DWARF COMPACT]									
<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	SN2019OBK	(21) SN2019OBK	WFC3/UVIS, ACCUM, UVIS2-C1K1C-CTE	F300X	FLASH=21		Pattern 1, Exps 1-1 in VIsit 21 Repeat (31) (1)	560 Secs (2224 Secs) [=>556.0 Secs (Pattern 1)] [=>556.0 Secs (Pattern 2)] [=>556.0 Secs (Pattern 3)] [=>556.0 Secs (Pattern 4)]	[1]

