18105 - HST Superluminous Supernova UV Legacy Program

Cycle: 33, Proposal Category: GO

(UV Initiative, Hubble-Roman Science (HRS))

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Dr. Peter Blanchard (CoI)	Harvard University
Dr. Ting-Wan Chen (CoI)	National Central University
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Prof. Claes Fransson (CoI) (ESA Member)	Stockholm University
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Dr. Daniel Perley (CoI) (ESA Member)	Liverpool John Moores University
Dr. Steve Schulze (CoI)	Weizmann Institute of Science
Dr. Jason Spyromilio (CoI) (ESA Member)	European Southern Observatory - Germany
Dr. Daniel Whalen (CoI) (ESA Member)	University of Portsmouth

Name	*Institution*
Dr. Lin Yan (CoI)	California Institute of Technology

VISITS

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
01	(1) SLSN1	COS/FUV COS/NUV	3	20-Aug-2026 15:04:17.0	yes
02	(1) SLSN1 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:18.0	yes
03	(1) SLSN1	COS/FUV COS/NUV	3	20-Aug-2026 15:04:19.0	yes
04	(1) SLSN1 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:19.0	yes
05	(1) SLSN1	COS/FUV COS/NUV	3	20-Aug-2026 15:04:20.0	yes
06	(1) SLSN1 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:20.0	yes
07	(2) SLSN2	COS/FUV COS/NUV	3	20-Aug-2026 15:04:21.0	yes
08	(2) SLSN2 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:22.0	yes
09	(2) SLSN2	COS/FUV COS/NUV	3	20-Aug-2026 15:04:23.0	yes
10	(2) SLSN2 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:23.0	yes
11	(2) SLSN2	COS/FUV COS/NUV	3	20-Aug-2026 15:04:24.0	yes
12	(2) SLSN2 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:24.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
13	(7) SN2025AFCR	COS/FUV COS/NUV	3	20-Aug-2026 15:04:25.0	yes
14	(7) SN2025AFCR WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:26.0	yes
15	(7) SN2025AFCR	COS/FUV COS/NUV	3	20-Aug-2026 15:04:26.0	yes
16	(7) SN2025AFCR WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:27.0	yes
17	(4) SLSN4	COS/FUV COS/NUV	3	20-Aug-2026 15:04:28.0	yes
18	(4) SLSN4 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:28.0	yes
19	(4) SLSN4	COS/FUV COS/NUV	3	20-Aug-2026 15:04:29.0	yes
20	(4) SLSN4 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:29.0	yes
21	(5) SLSN5	COS/FUV COS/NUV	3	20-Aug-2026 15:04:30.0	yes
22	(5) SLSN5 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:30.0	yes
23	(5) SLSN5	COS/FUV COS/NUV	3	20-Aug-2026 15:04:31.0	yes
24	(5) SLSN5 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:32.0	yes
25	(6) SLSN6	COS/FUV COS/NUV	3	20-Aug-2026 15:04:32.0	yes
26	(6) SLSN6 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:33.0	yes

Visit	*Targets used in Visit*	*Configurations used in Visit*	*Orbits Used*	*Last Orbit Planner Run*	*OP Current with Visit?*
27	(6) SLSN6	COS/FUV COS/NUV	3	20-Aug-2026 15:04:34.0	yes
28	(6) SLSN6 WAVE	STIS/CCD STIS/NUV-MAMA	1	20-Aug-2026 15:04:34.0	yes

56 Total Orbits Used

ABSTRACT

Shining 5--10 magnitudes brighter in the UV than more common types of supernovae, superluminous supernovae (SLSNe) can potentially be detected to z~20 and used to measure cosmic chemical and star formation histories, the high-mass end of the stellar initial mass function, galaxy outflows and evolution, and they serve as one of our only probes of the very high redshift universe. However, to exploit this potential we must improve our understanding of SLSN FUV features so that we can distinguish their redshifted appearance from other, rare transient events, as only the rest-frame FUV will be observed for all detections at z>4 and even for JWST for the earliest events. The FUV bands also contain unique information that will shine new light on the power sources of SLSNe and the late-phase evolution of their massive star progenitors. We propose to observe 6 low-redshift (roughly z<0.15) SLSNe in Cycle 33 using COS and STIS to cover the FUV through the NUV. These observations will produce the first pre-peak FUV SLSNe spectra, the first high-quality FUV spectral time series of SLSNe, vastly increase the available sample of SLSNe with rest-frame FUV spectra, and distinguish the set of UV spectral features common among low-redshift SLSNe from those that contribute to the diversity of the population. Together with supporting ground-based observations, this program will define an unprecedented legacy sample that will bring observers and theorists alike into the JWST and Roman Space Telescope era.

OBSERVING DESCRIPTION

This program aims to observe the far-ultraviolet (FUV) to near-ultraviolet (NUV) spectral evolution of six superluminous supernovae (SLSNe) using COS (G140L) and STIS (G230L + G430L). Two of the targets will be observed via disruptive Target-of-Opportunity (ToO) triggers, and the remaining four via non-disruptive ToO triggers.

Each ToO trigger will initiate a multi-epoch sequence of observations. Each epoch will consist of three consecutive COS orbits followed by one STIS orbit.

The two disruptive triggers will each include three epochs, spaced by approximately three weeks (with exact cadence determined at the time of ToO

activation). The four non-disruptive triggers will include two epochs each, with a similar spacing.

Visit

Proposal 18105, COS visit 1 for SLSN 1 (01), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: ON HOLD ; TOO MIN RESPONSE TIME 2.0D; TOO MAX RESPONSE TIME 5.0D

On Hold Comments: ToO

Diagnostics

(COS visit 1 for SLSN 1 (01)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition SLSN 1 (01.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 1) (01.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (01.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (01.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (01.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (01.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

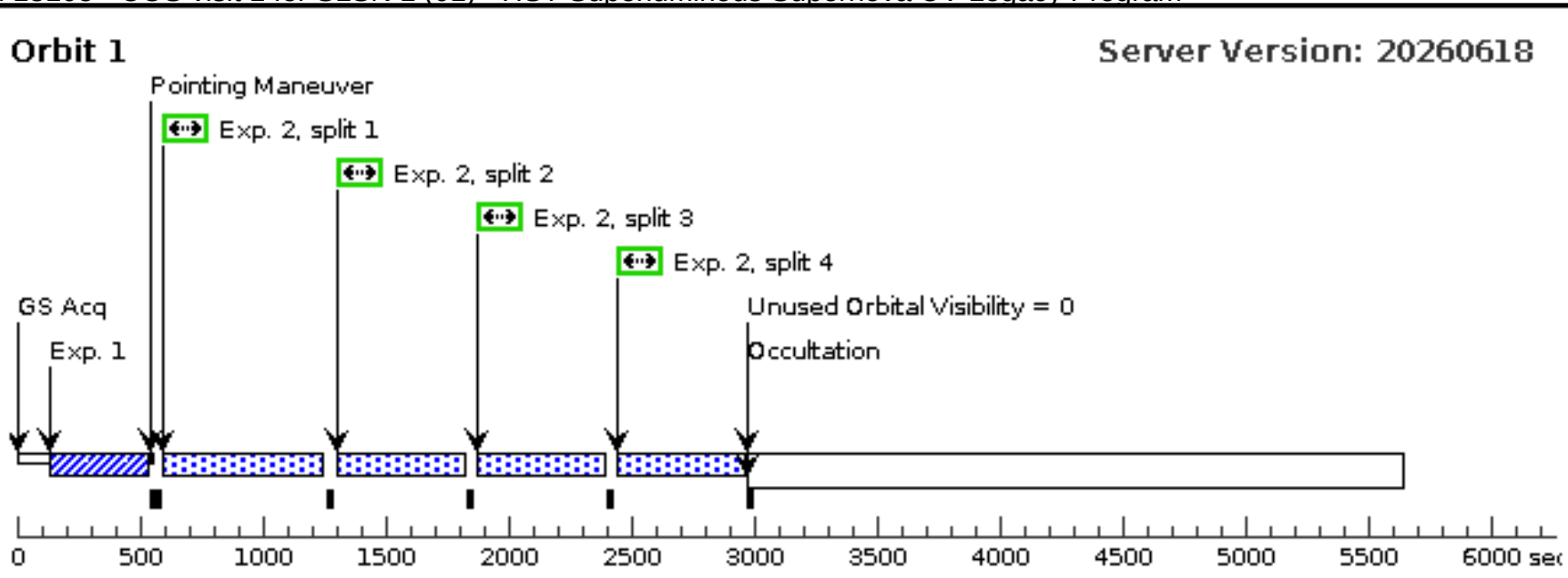
#	Name	Criteria	Description
(1)	SLSN1	spectroscopically confirmed SLSN	

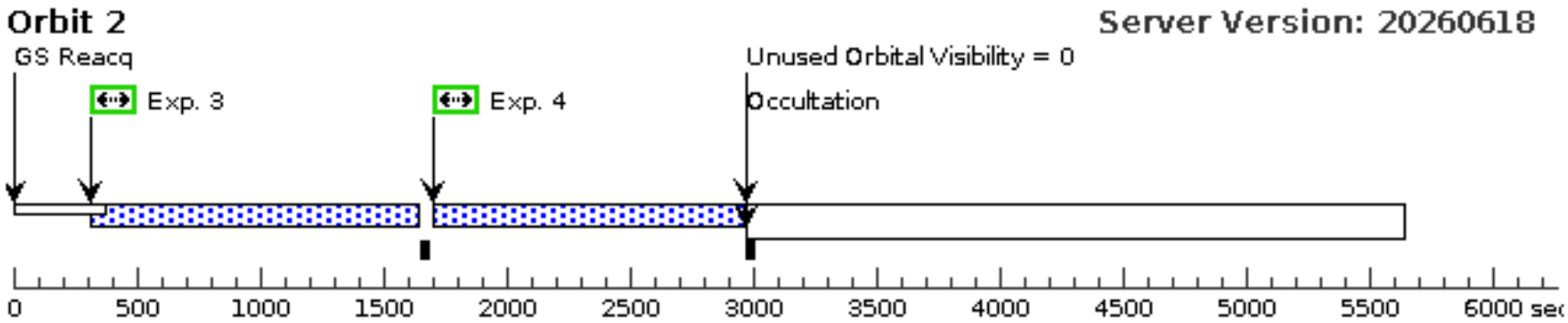
Comments: Disruptive ToO of a nearby SLSN

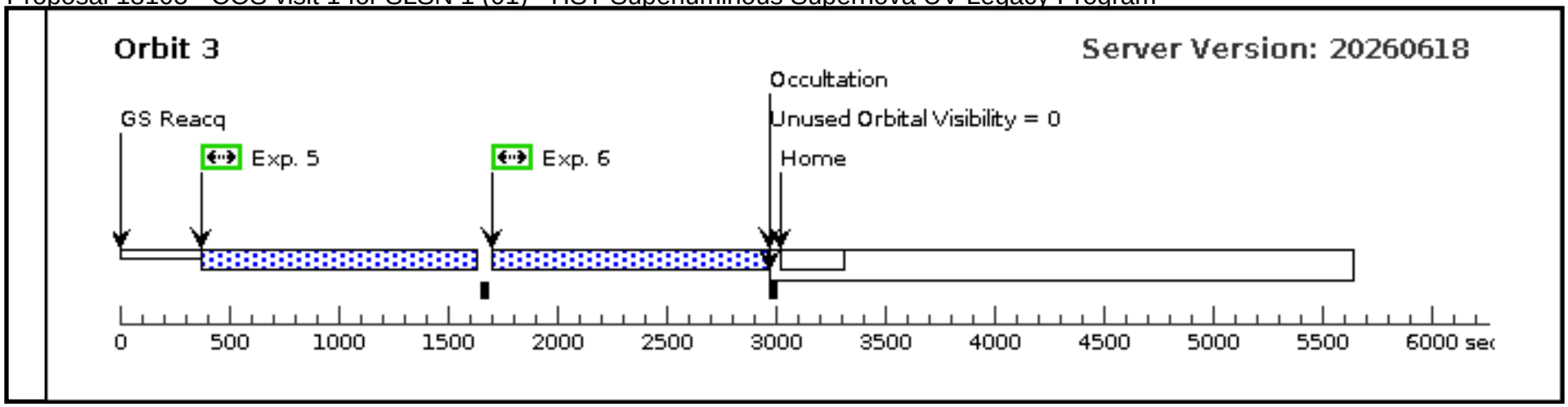
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1	(1) SLSN1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	***[1]***
2	COS spectra SLSN 1 (orbit 1)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	***[1]***
3	COS spectra SLSN 1 (orbit 2)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
4	COS spectra SLSN 1 (orbit 3)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
5	COS spectra SLSN 1 (orbit 2)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***
6	COS spectra SLSN 1 (orbit 3)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***

Orbit Structure



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Home
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3000
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4000
4500
5000
5500
6000 sec

Visit

Proposal 18105, STIS visit 1 for SLSN 1 (02), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 02,01 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(UV spectra (02.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

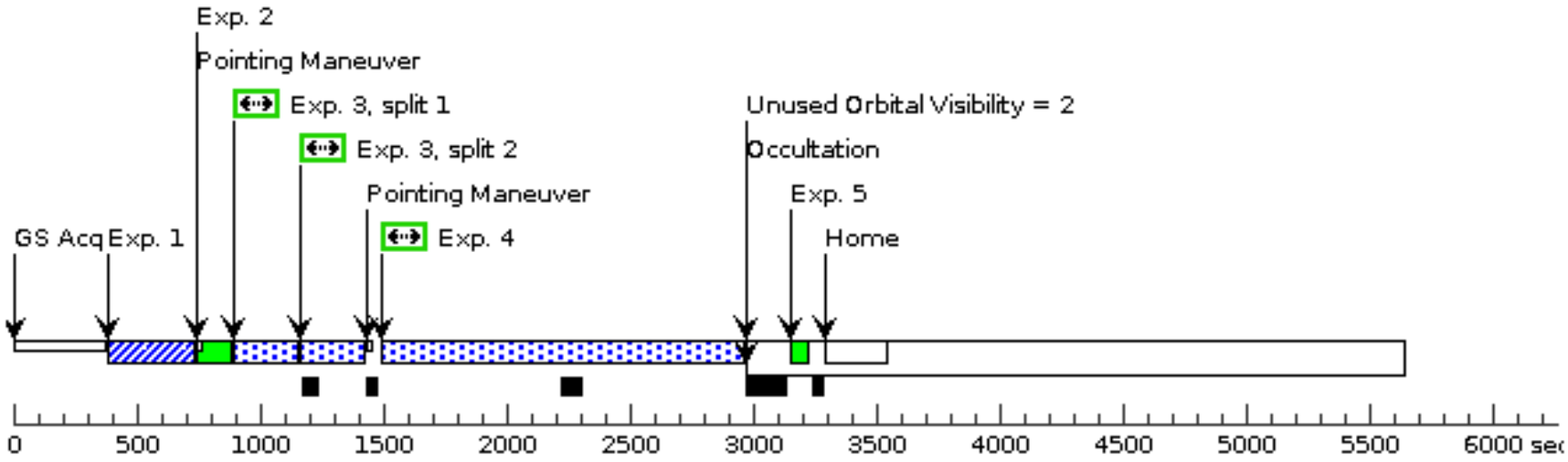
#	Name	Criteria	Description
(1)	SLSN1	spectroscopically confirmed SLSN	

Comments: Disruptive ToO of a nearby SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(1) SLSN1	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(1) SLSN1	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(1) SLSN1	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 2 for SLSN 1 (03), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: AFTER 01 BY 21 D TO 28 D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(COS visit 2 for SLSN 1 (03)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition SLSN 1 (03.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 1) (03.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (03.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (03.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (03.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (03.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

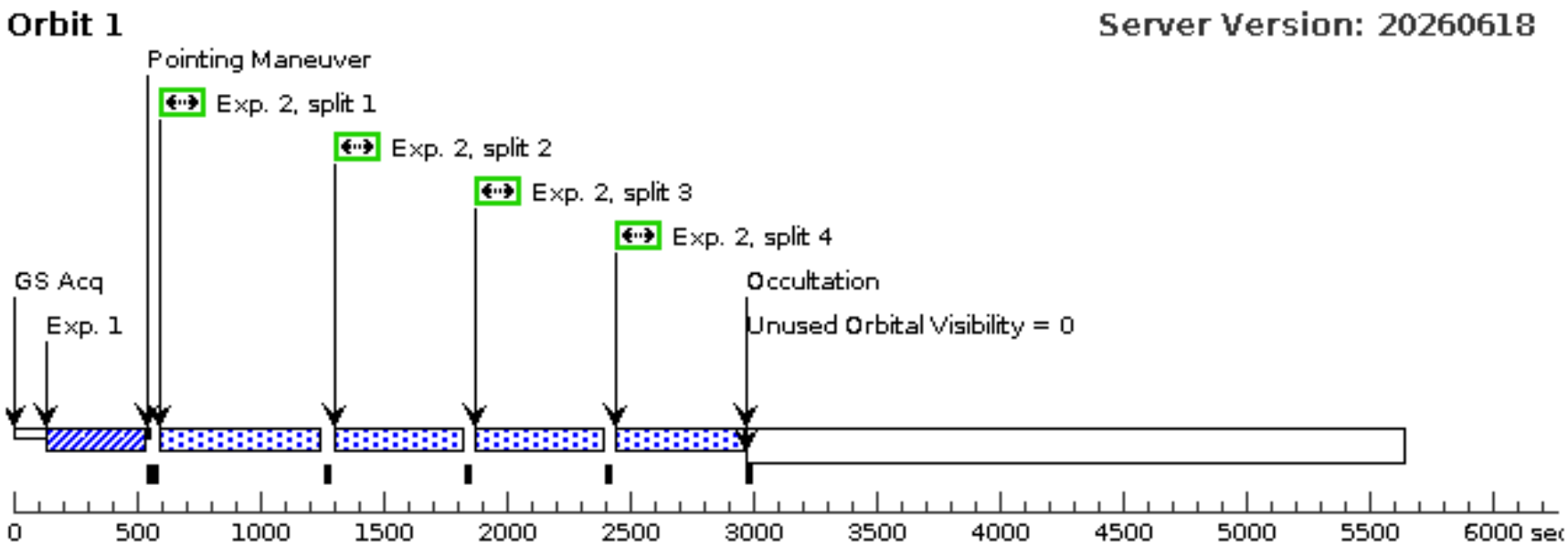
#	Name	Criteria	Description
(1)	SLSN1	spectroscopically confirmed SLSN	

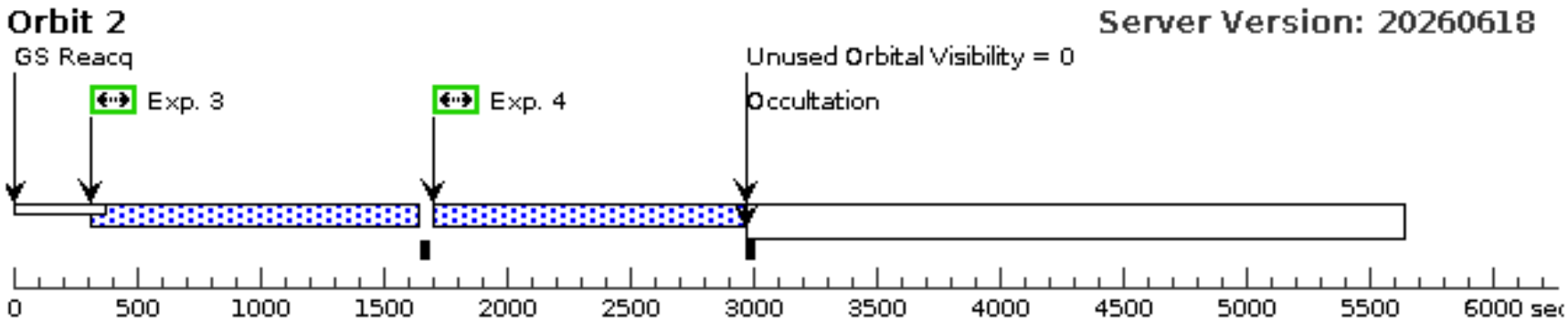
Comments: Disruptive ToO of a nearby SLSN

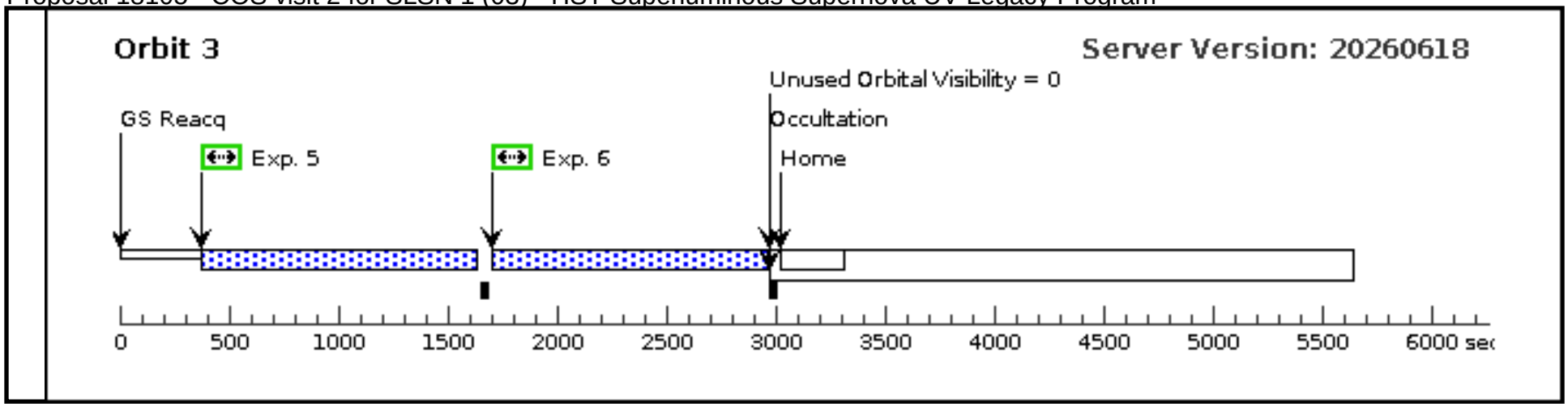
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1	(1) SLSN1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	***[1]***
2	COS spectra SLSN 1 (orbit 1)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	***[1]***
3	COS spectra SLSN 1 (orbit 2)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
4	COS spectra SLSN 1 (orbit 3)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
5	COS spectra SLSN 1 (orbit 2)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***
6	COS spectra SLSN 1 (orbit 3)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***

Orbit Structure



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GS Reacq
Occultation
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 18105, STIS visit 2 for SLSN 1 (04), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 04,03 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(UV spectra (04.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

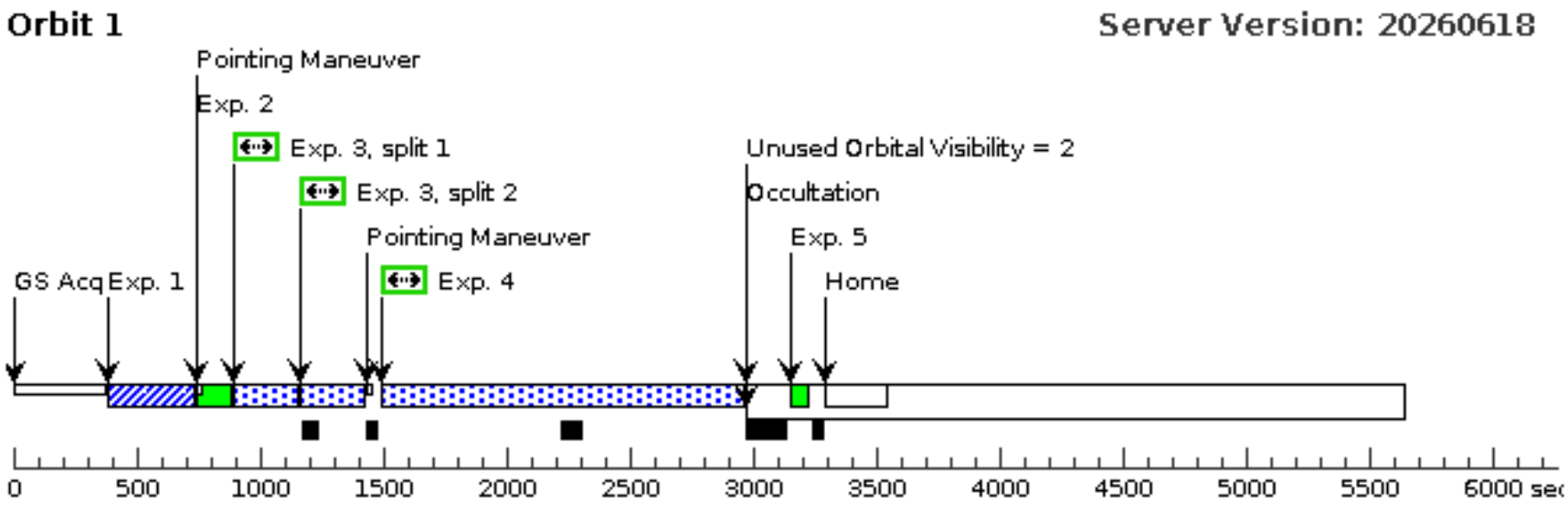
#	Name	Criteria	Description
(1)	SLSN1	spectroscopically confirmed SLSN	

Comments: Disruptive ToO of a nearby SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(1) SLSN1	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(1) SLSN1	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(1) SLSN1	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 3 for SLSN 1 (05), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: AFTER 01 BY 40 D TO 60 D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(COS visit 3 for SLSN 1 (05)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition SLSN 1 (05.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 1) (05.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (05.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (05.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (05.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (05.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

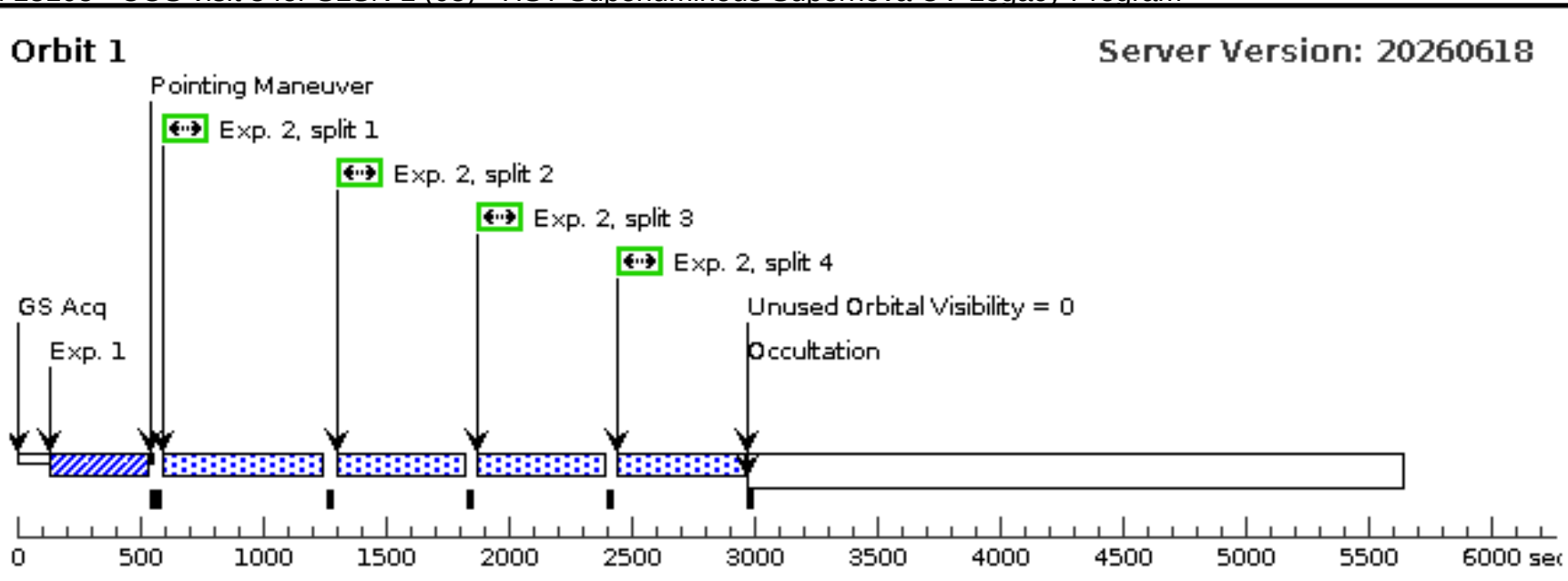
#	Name	Criteria	Description
(1)	SLSN1	spectroscopically confirmed SLSN	

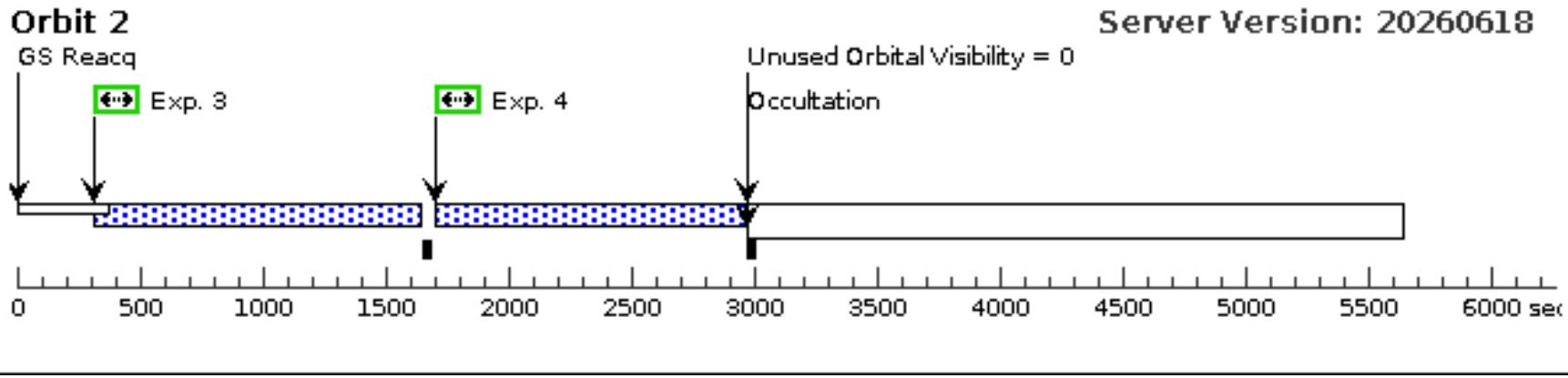
Comments: Disruptive ToO of a nearby SLSN

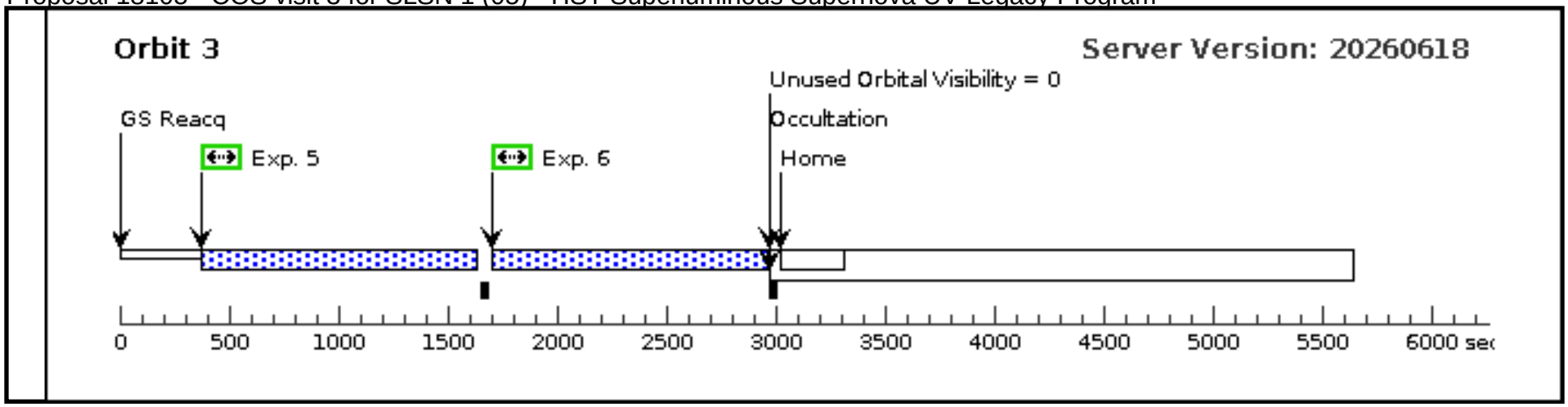
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1	(1) SLSN1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	***[1]***
2	COS spectra SLSN 1 (orbit 1)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	***[1]***
3	COS spectra SLSN 1 (orbit 2)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
4	COS spectra SLSN 1 (orbit 3)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
5	COS spectra SLSN 1 (orbit 2)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***
6	COS spectra SLSN 1 (orbit 3)	(1) SLSN1	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***

Orbit Structure






Orbit 3
Server Version: 20260618
Unused Orbital Visibility = 0
GS Reacq
Occultation
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 18105, STIS visit 3 for SLSN 1 (06), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 06,05 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(UV spectra (06.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

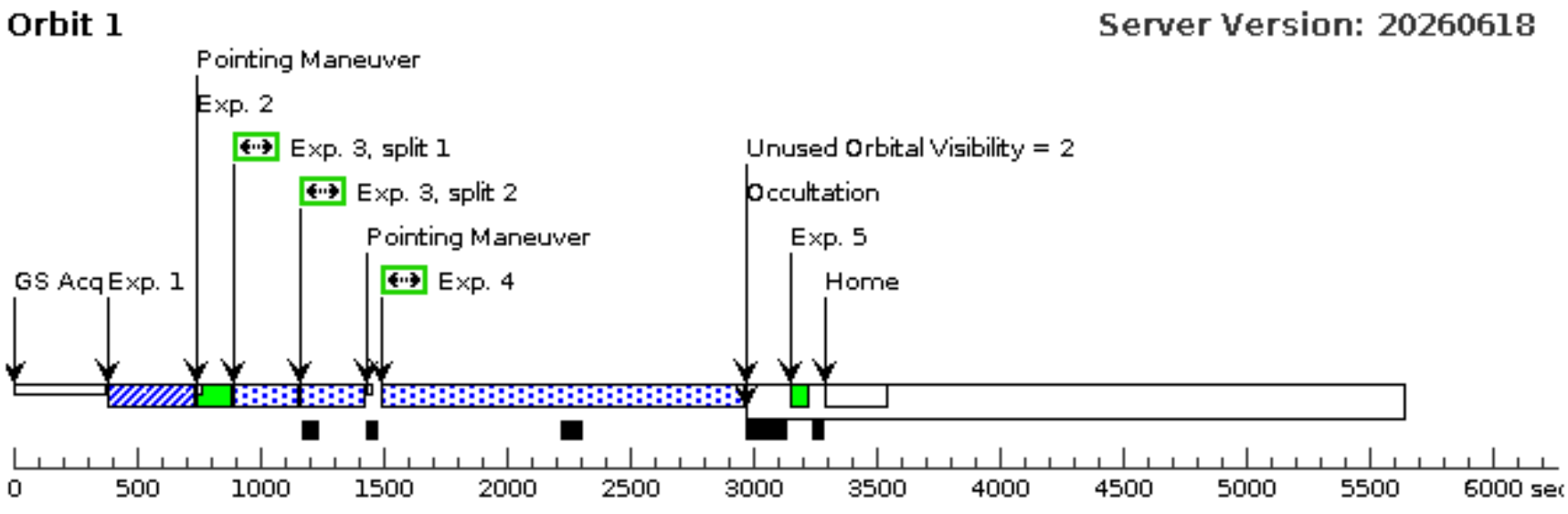
#	Name	Criteria	Description
(1)	SLSN1	spectroscopically confirmed SLSN	

Comments: Disruptive ToO of a nearby SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(1) SLSN1	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(1) SLSN1	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(1) SLSN1	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 1 for SLSN 2 (07), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: ON HOLD ; TOO MIN RESPONSE TIME 2.0D; TOO MAX RESPONSE TIME 5.0D

On Hold Comments: ToO

Diagnostics

(COS visit 1 for SLSN 2 (07)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition (07.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra (orbit 1) (07.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra (orbit 2) (07.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra (orbit 3) (07.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra (orbit 2) (07.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra (orbit 3) (07.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

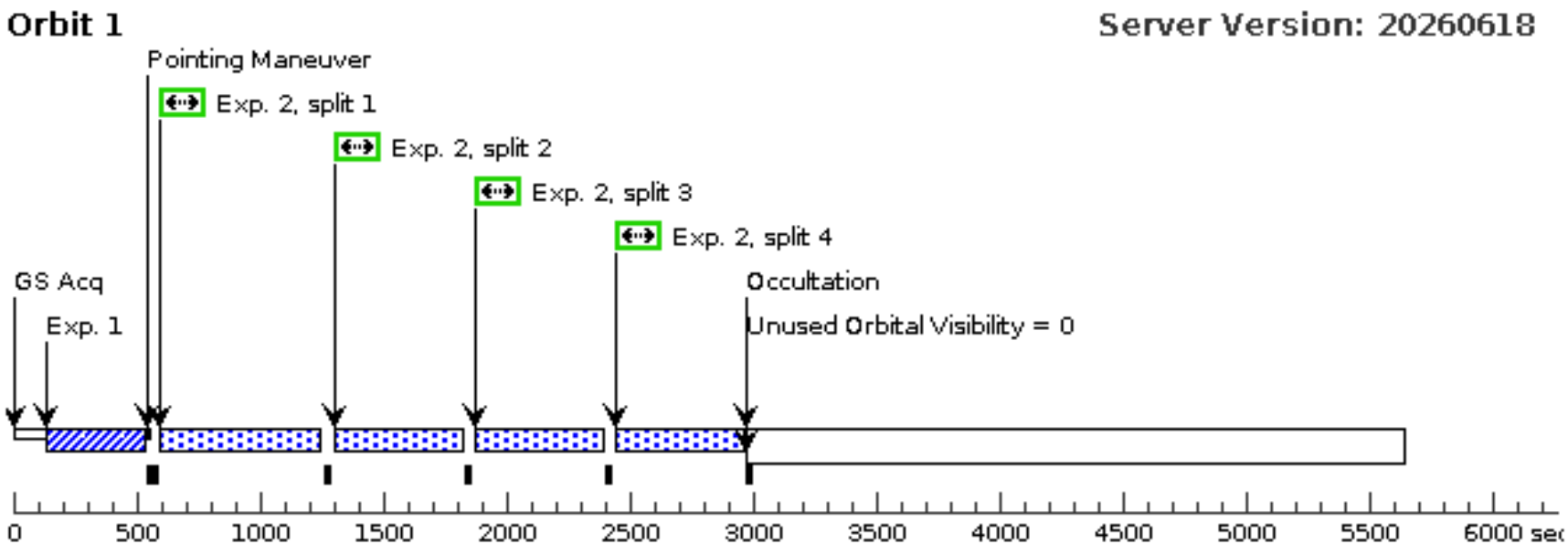
#	Name	Criteria	Description
(2)	SLSN2	spectroscopically confirmed SLSN	

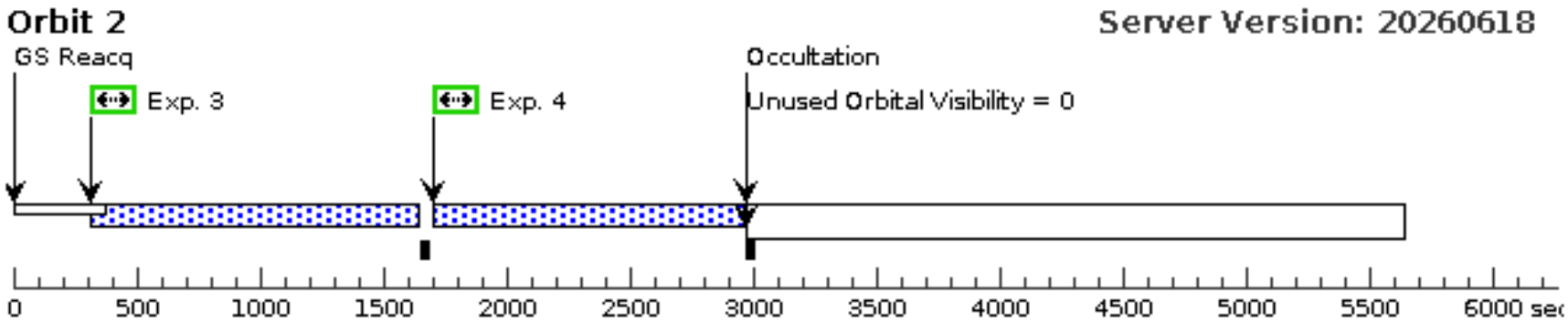
Comments: Disruptive ToO of a nearby SLSN

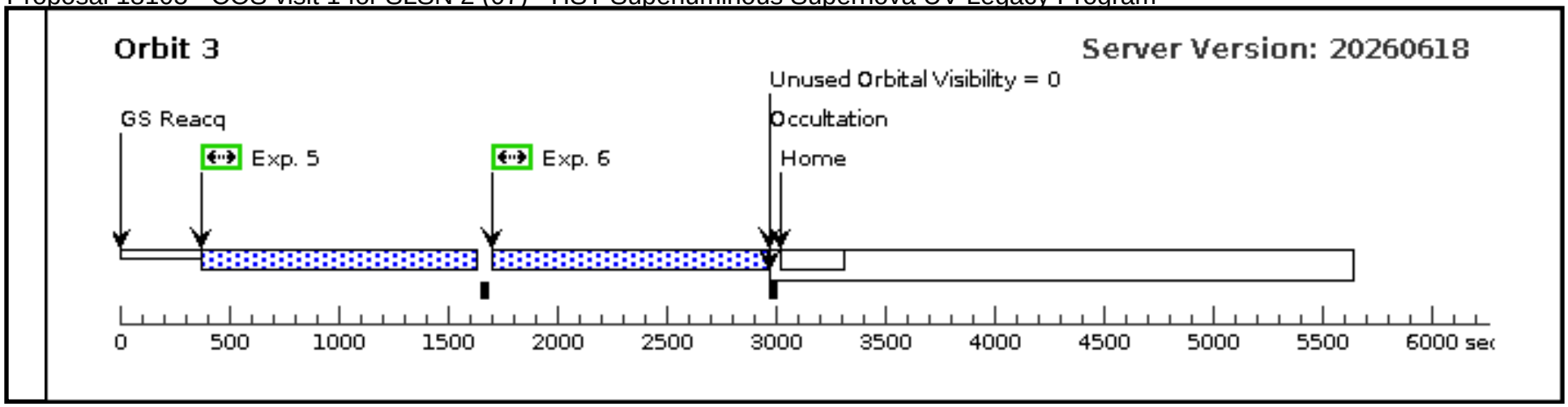
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition	(2) SLSN2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	***[1]***
2	COS spectra (orbit 1)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	***[1]***
3	COS spectra (orbit 2)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
4	COS spectra (orbit 3)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
5	COS spectra (orbit 2)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***
6	COS spectra (orbit 3)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***

Orbit Structure



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Visit

Proposal 18105, STIS visit 1 for SLSN 2 (08), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 08,07 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(UV spectra (08.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

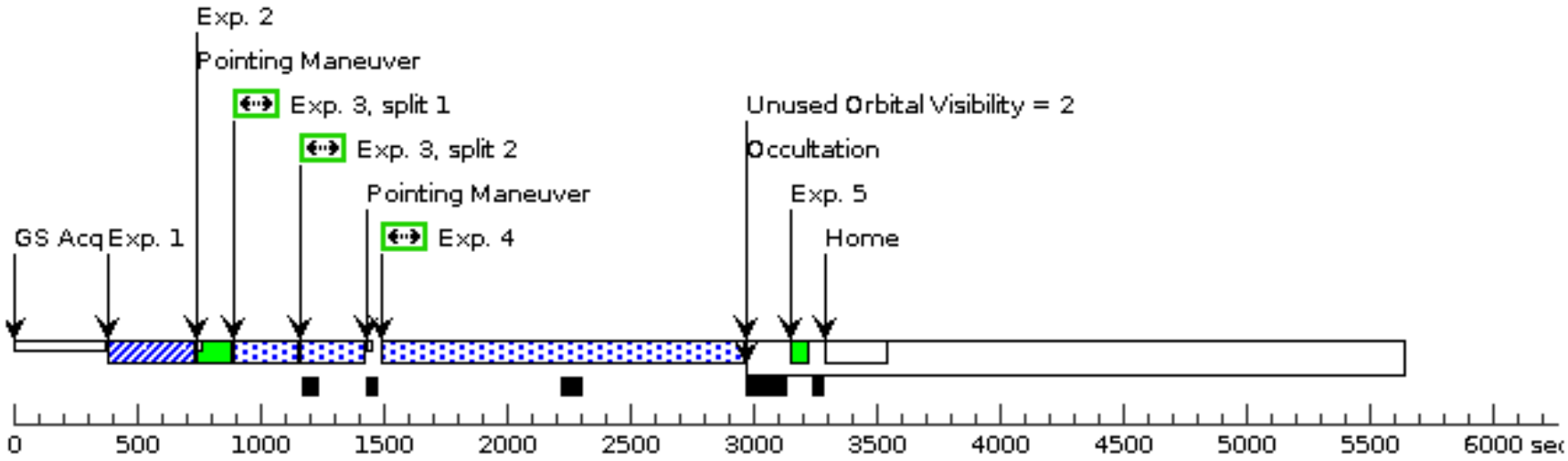
#	Name	Criteria	Description
(2)	SLSN2	spectroscopically confirmed SLSN	

Comments: Disruptive ToO of a nearby SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition	(2) SLSN2	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(2) SLSN2	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(2) SLSN2	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 2 for SLSN 2 (09), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: AFTER 07 BY 21 D TO 28 D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(COS visit 2 for SLSN 2 (09)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition SLSN 1 (09.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 1) (09.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (09.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (09.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (09.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (09.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

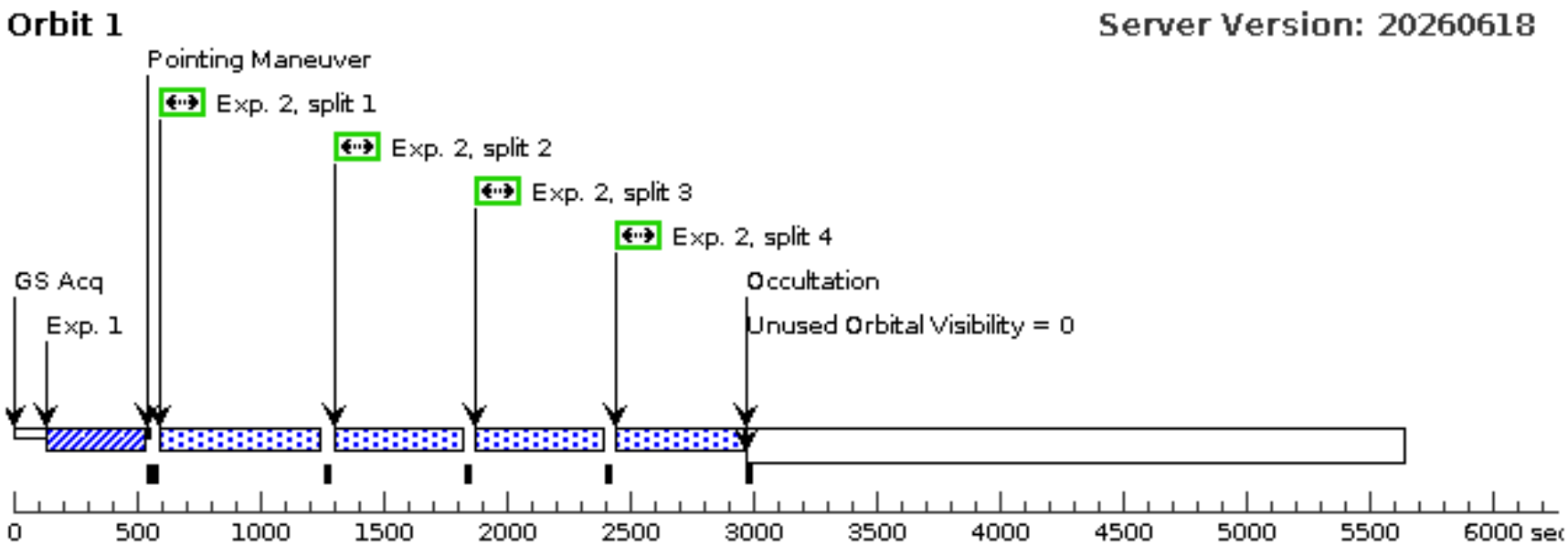
#	Name	Criteria	Description
(2)	SLSN2	spectroscopically confirmed SLSN	

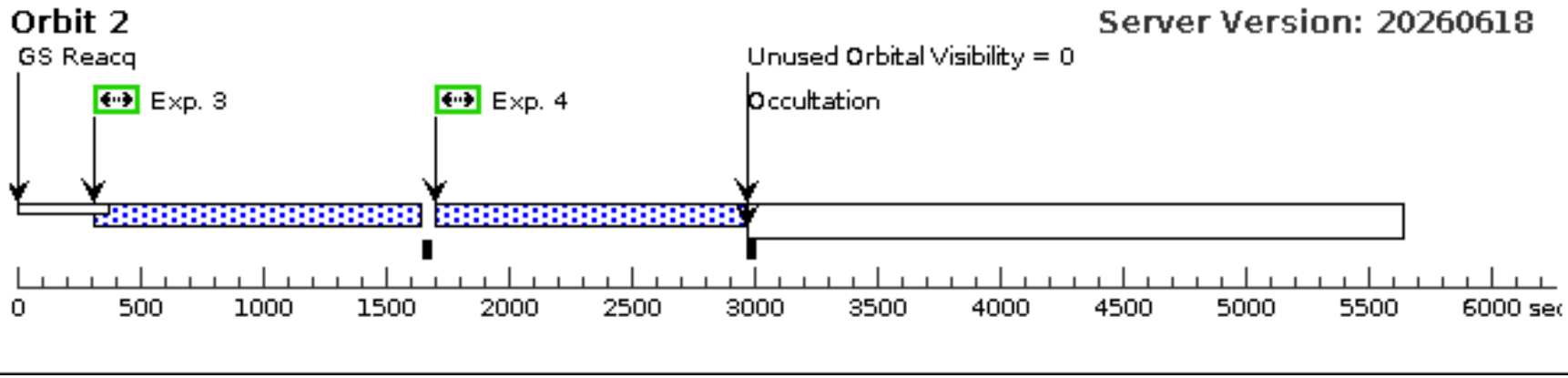
Comments: Disruptive ToO of a nearby SLSN

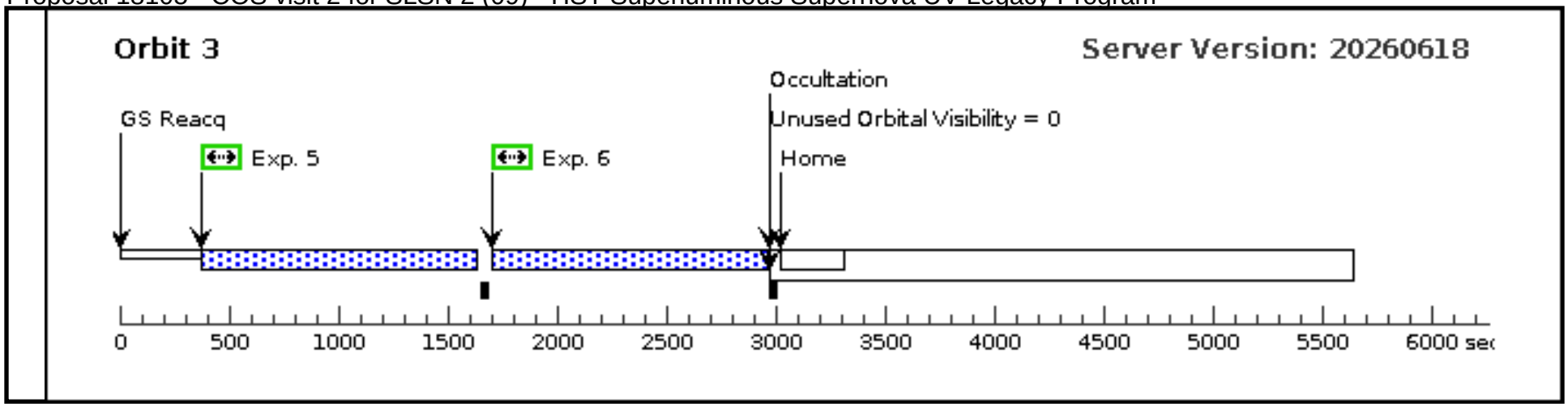
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1	(2) SLSN2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	 ***[1]***
2	COS spectra SLSN 1 (orbit 1)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	 ***[1]***
3	COS spectra SLSN 1 (orbit 2)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	 ***[2]***
4	COS spectra SLSN 1 (orbit 3)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	 ***[2]***
5	COS spectra SLSN 1 (orbit 2)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	 ***[3]***
6	COS spectra SLSN 1 (orbit 3)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	 ***[3]***

Orbit Structure



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Exp. 5
Exp. 6
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6000 sec

Visit

Proposal 18105, STIS visit 2 for SLSN 2 (10), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 10,09 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(UV spectra (10.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

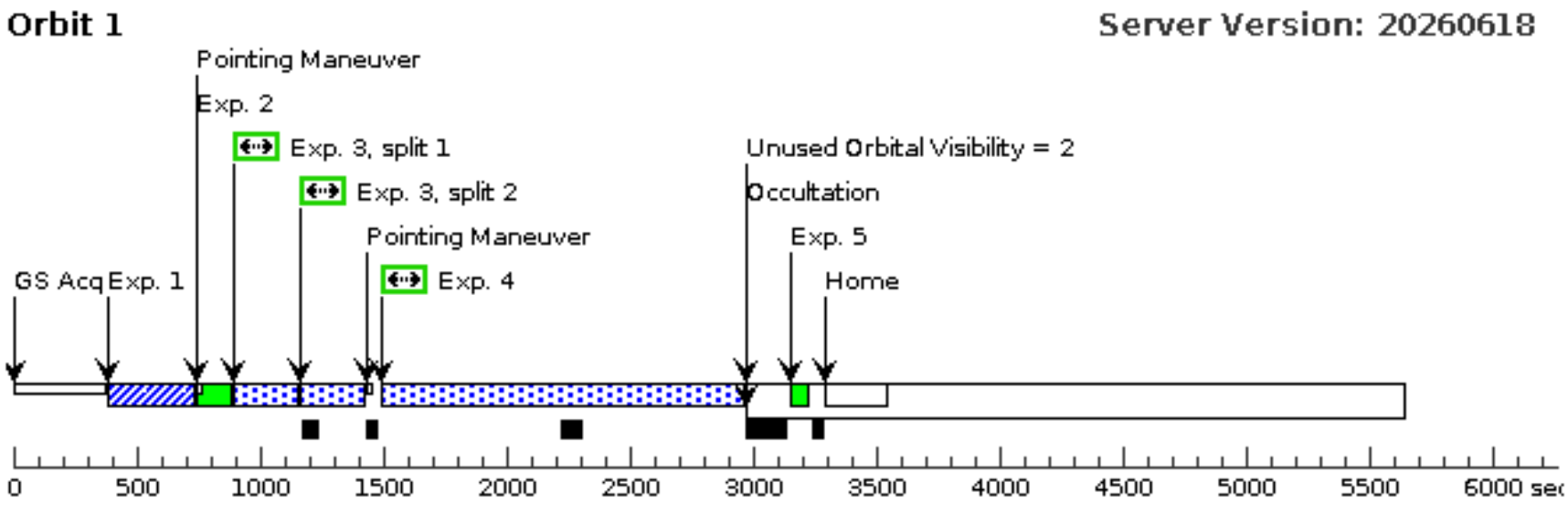
#	Name	Criteria	Description
(2)	SLSN2	spectroscopically confirmed SLSN	

Comments: Disruptive ToO of a nearby SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(2) SLSN2	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(2) SLSN2	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(2) SLSN2	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 3 for SLSN 2 (11), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: AFTER 07 BY 40 D TO 60 D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(COS visit 3 for SLSN 2 (11)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition SLSN 1 (11.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 1) (11.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (11.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (11.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (11.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (11.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

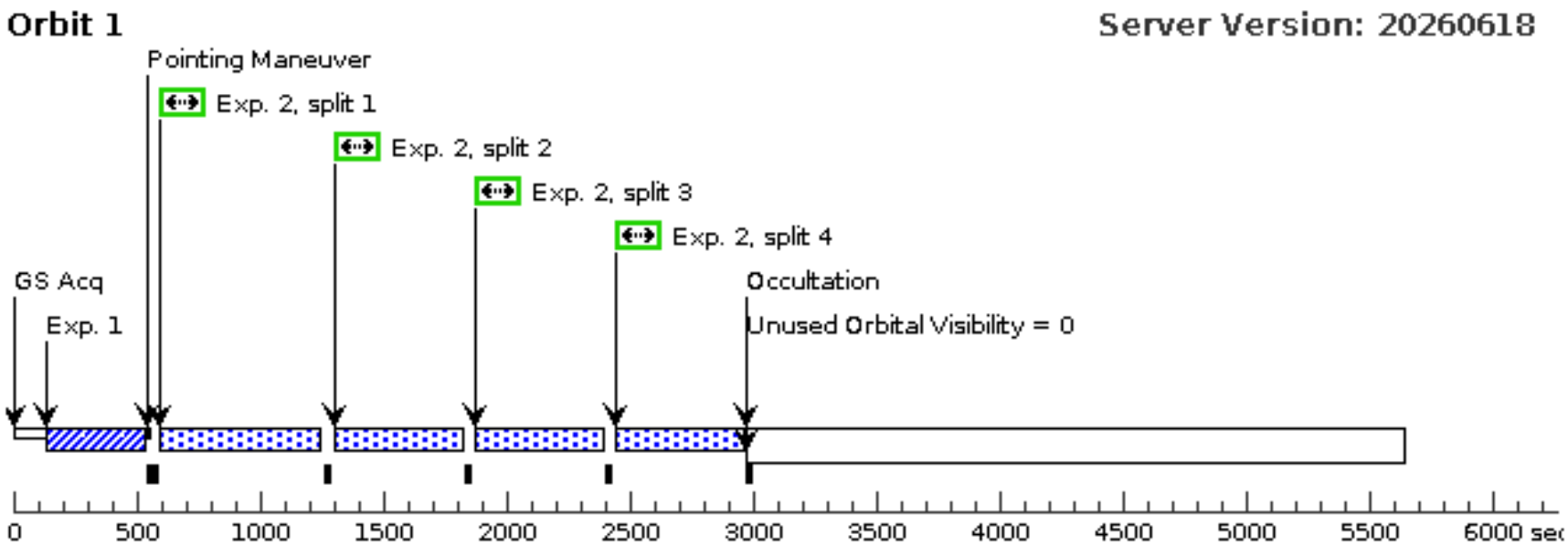
#	Name	Criteria	Description
(2)	SLSN2	spectroscopically confirmed SLSN	

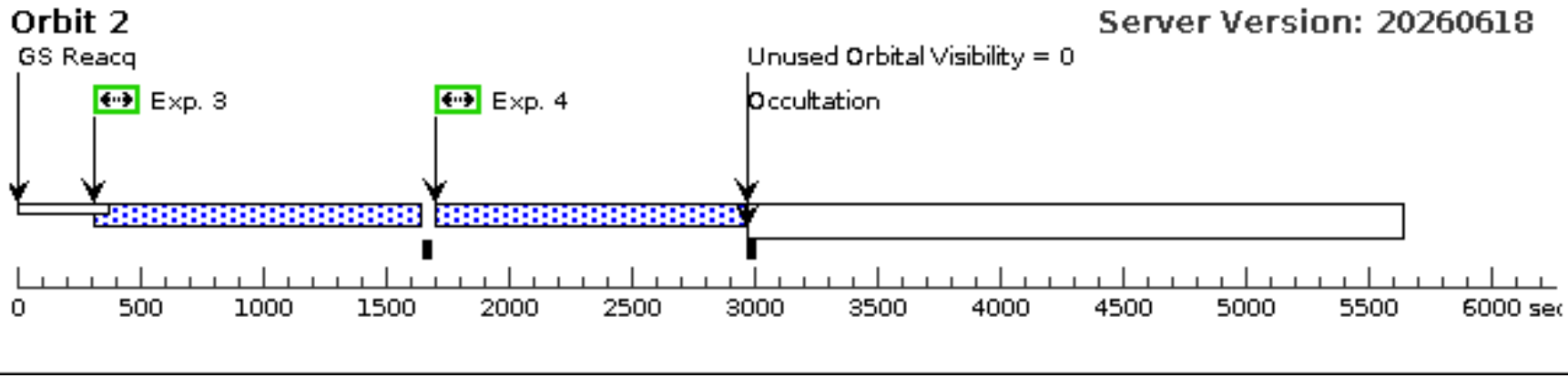
Comments: Disruptive ToO of a nearby SLSN

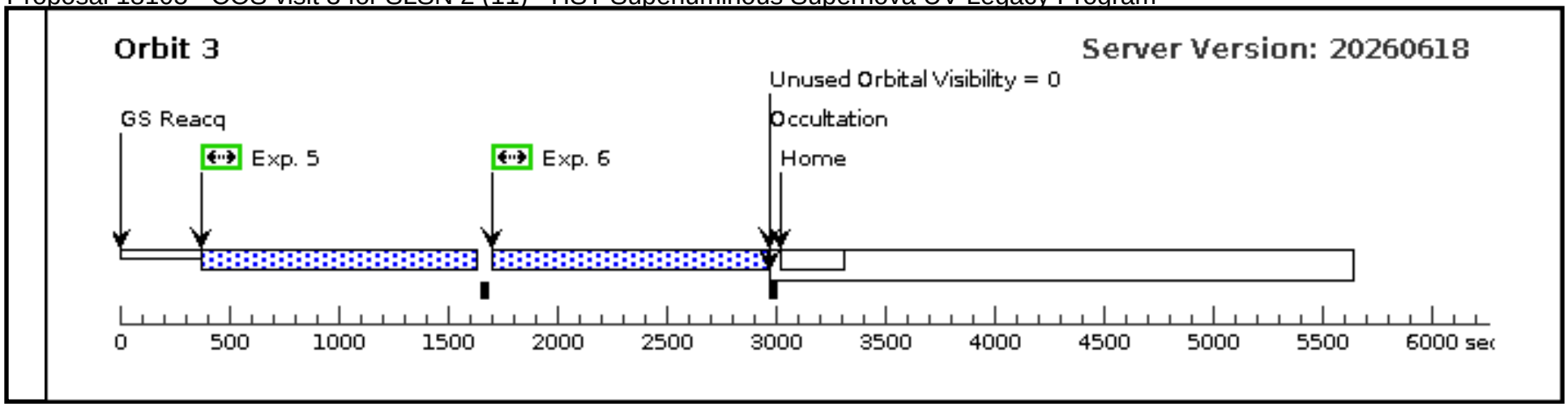
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1	(2) SLSN2	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	*[1]*
2	COS spectra SLSN 1 (orbit 1)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	*[1]*
3	COS spectra SLSN 1 (orbit 2)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	*[2]*
4	COS spectra SLSN 1 (orbit 3)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	*[2]*
5	COS spectra SLSN 1 (orbit 2)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	*[3]*
6	COS spectra SLSN 1 (orbit 3)	(2) SLSN2	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	*[3]*

Orbit Structure






Orbit 3
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Visit

Proposal 18105, STIS visit 3 for SLSN 2 (12), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 12,11 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(UV spectra (12.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

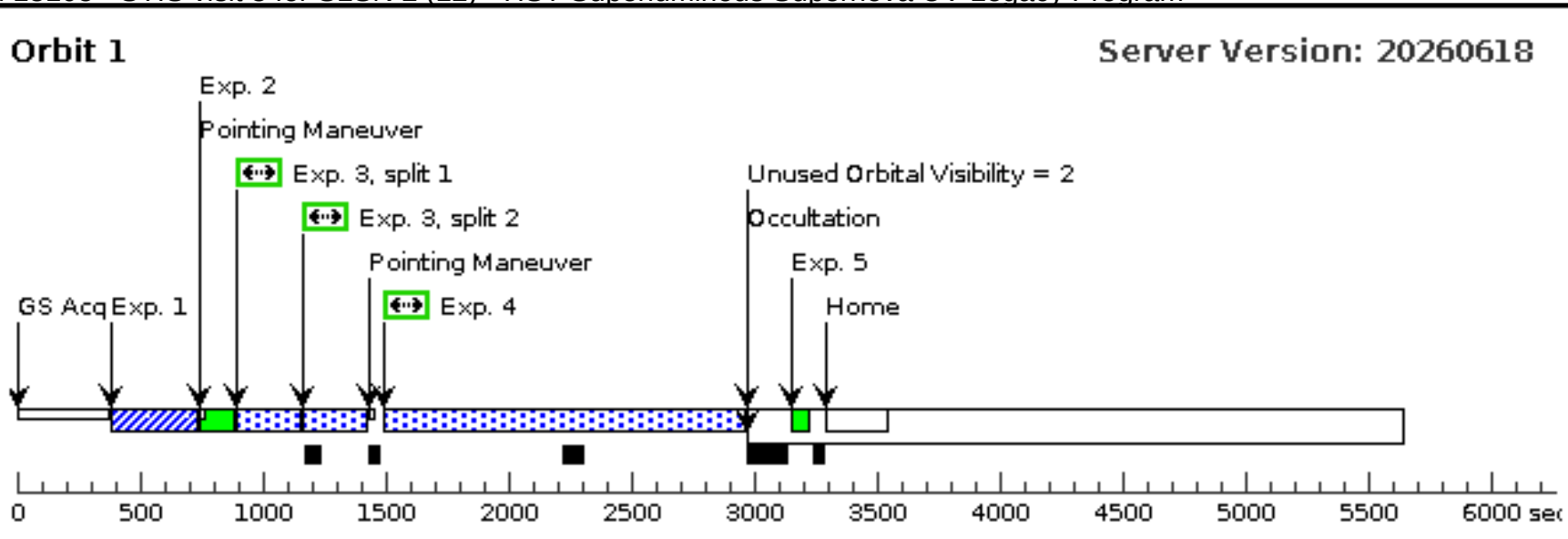
#	Name	Criteria	Description
(2)	SLSN2	spectroscopically confirmed SLSN	

Comments: Disruptive ToO of a nearby SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(2) SLSN2	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(2) SLSN2	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(2) SLSN2	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 1 for SLSN 3 (13), completed Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: ON HOLD ; TOO MAX RESPONSE TIME 21.0D

On Hold Comments: Target of Opportunity

Diagnostics

(COS visit 1 for SLSN 3 (13)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.

(COS visit 1 for SLSN 3 (13)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS visit 1 for SLSN 3 (13)) Informational (Form): Target of Opportunity Minimum Response time is a required field.

Fixed Targets

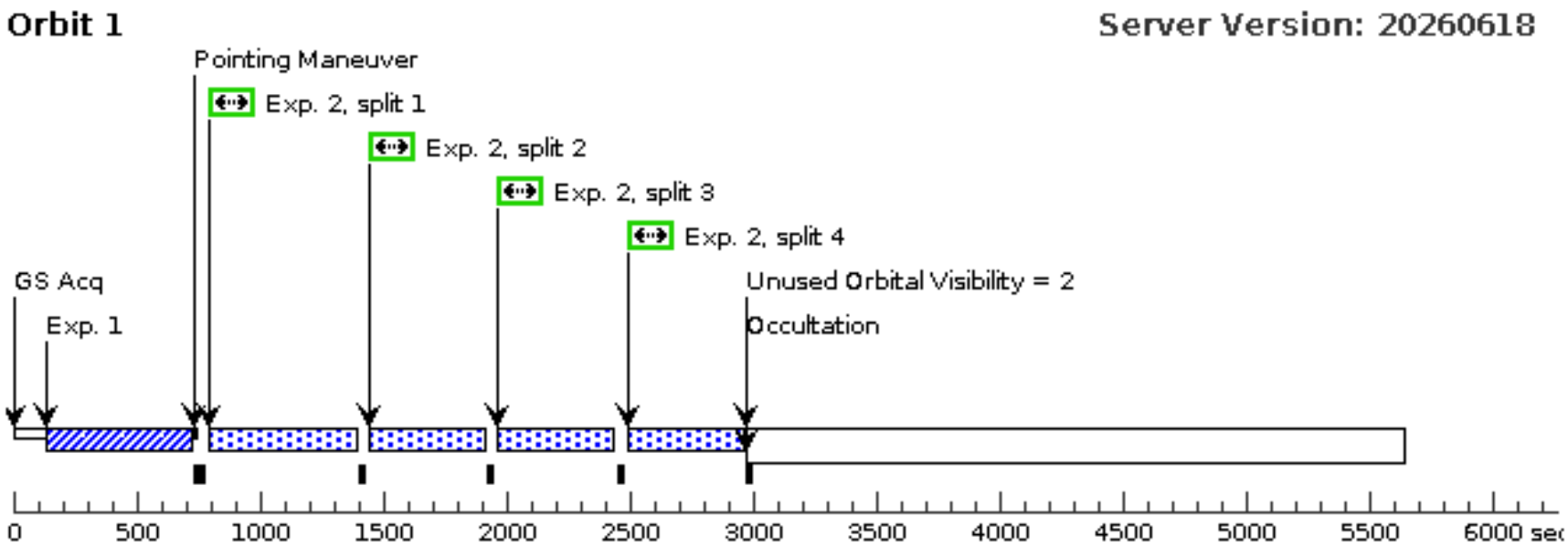
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SN2025AFCR Alt Name1: ZTF25ACEMAPH	RA: 12 38 41.7740 (189.6740583d) Dec: +07 36 37.68 (7.61047d) Equinox: J2000	Proper Motion RA: 0 arcsec/yr Proper Motion Dec: 0 arcsec/yr	V=17.8+/-0.5	Reference Frame: ICRS

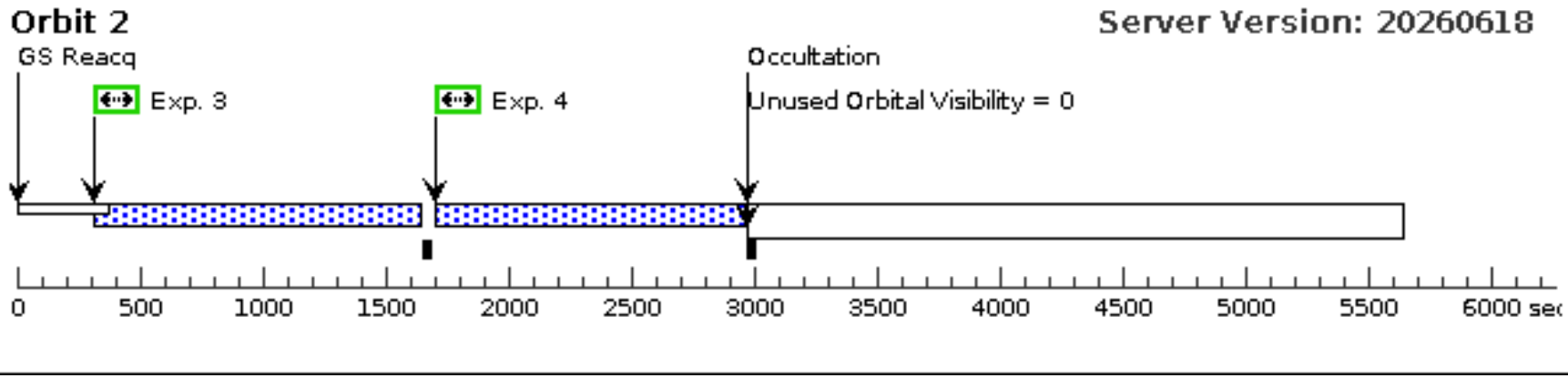
Comments:
Category=EXT-STAR
Description=[SUPERNOVA]
Extended=NO

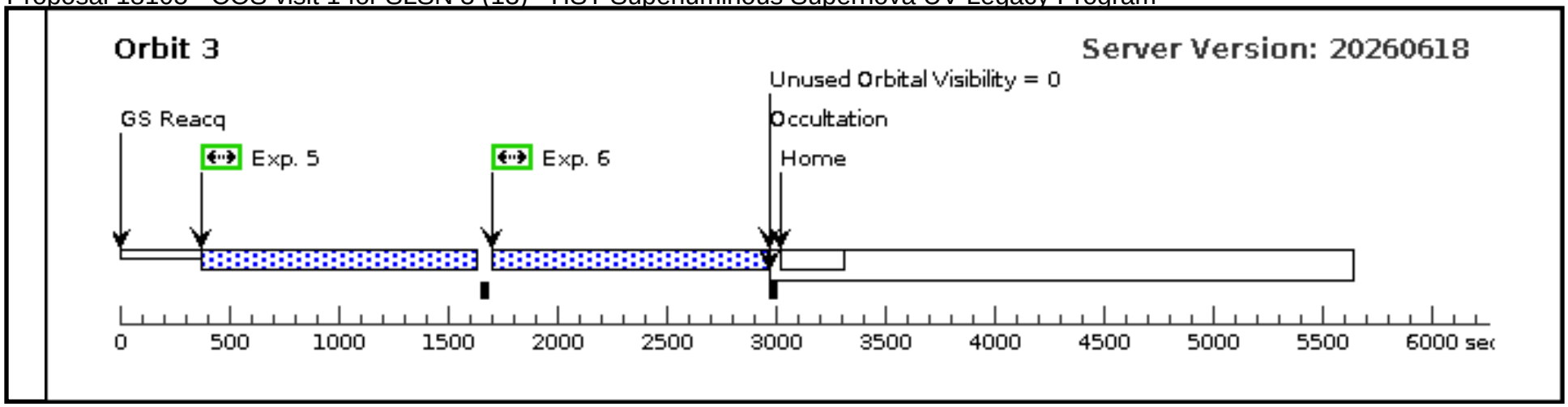
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1 (COS.sa.2247116)	(7) SN2025AFCR	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				141 Secs (141 Secs) *[==>]*	***[1]***
2	COS spectra SLSN 1 (orbit 1) (COS.sp.2247114)	(7) SN2025AFCR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=8000; FP-POS=ALL			400 Secs (1672 Secs) *[==>418.0 Secs (Split 1)]* *[==>418.0 Secs (Split 2)]* *[==>418.0 Secs (Split 3)]* *[==>418.0 Secs (Split 4)]*	***[1]***
3	COS spectra SLSN 1 (orbit 2) (COS.sp.2247114)	(7) SN2025AFCR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=8000; FP-POS=1			1000 Secs (1209 Secs) *[==>1209.0 Secs]*	***[2]***
4	COS spectra SLSN 1 (orbit 3) (COS.sp.2247114)	(7) SN2025AFCR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=8000; FP-POS=2			1000 Secs (1209 Secs) *[==>1209.0 Secs]*	***[2]***
5	COS spectra SLSN 1 (orbit 2) (COS.sp.2247114)	(7) SN2025AFCR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=8000; FP-POS=3			1000 Secs (1209 Secs) *[==>1209.0 Secs]*	***[3]***
6	COS spectra SLSN 1 (orbit 3) (COS.sp.2247114)	(7) SN2025AFCR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=8000; FP-POS=4			1000 Secs (1209 Secs) *[==>1209.0 Secs]*	***[3]***

Orbit Structure



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Occultation
Exp. 5
Exp. 6
Home
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1500
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2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 18105, STIS visit 1 for SLSN 3 (14), completed Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 14,13 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Fixed Targets

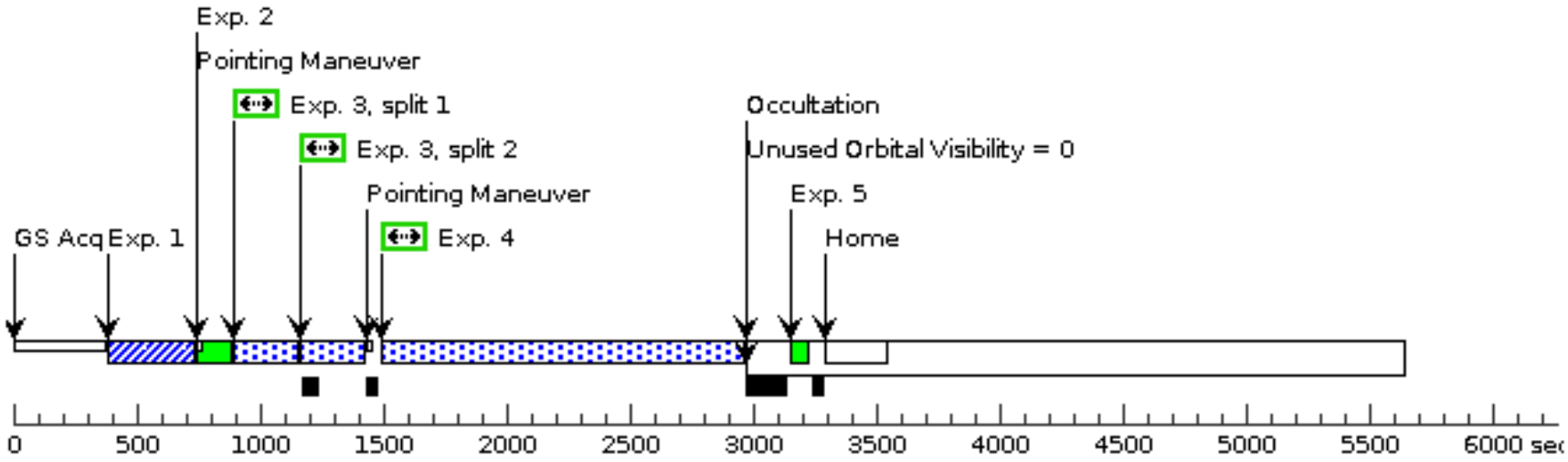
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SN2025AFCR Alt Name1: ZTF25ACEMAPH	RA: 12 38 41.7740 (189.6740583d) Dec: +07 36 37.68 (7.61047d) Equinox: J2000	Proper Motion RA: 0 arcsec/yr Proper Motion Dec: 0 arcsec/yr	V=17.8+/-0.5	Reference Frame: ICRS

Comments:
Category=EXT-STAR
Description=[SUPERNOVA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1 (STIS.ta.2247117)	(7) SN2025AFCR	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(7) SN2025AFCR	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra (STIS.sp.2247115)	(7) SN2025AFCR	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=1800; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 2 for SLSN 3 (15), completed Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: AFTER 13 BY 7 D TO 21 D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(COS visit 2 for SLSN 3 (15)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.

(COS visit 2 for SLSN 3 (15)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

Fixed Targets

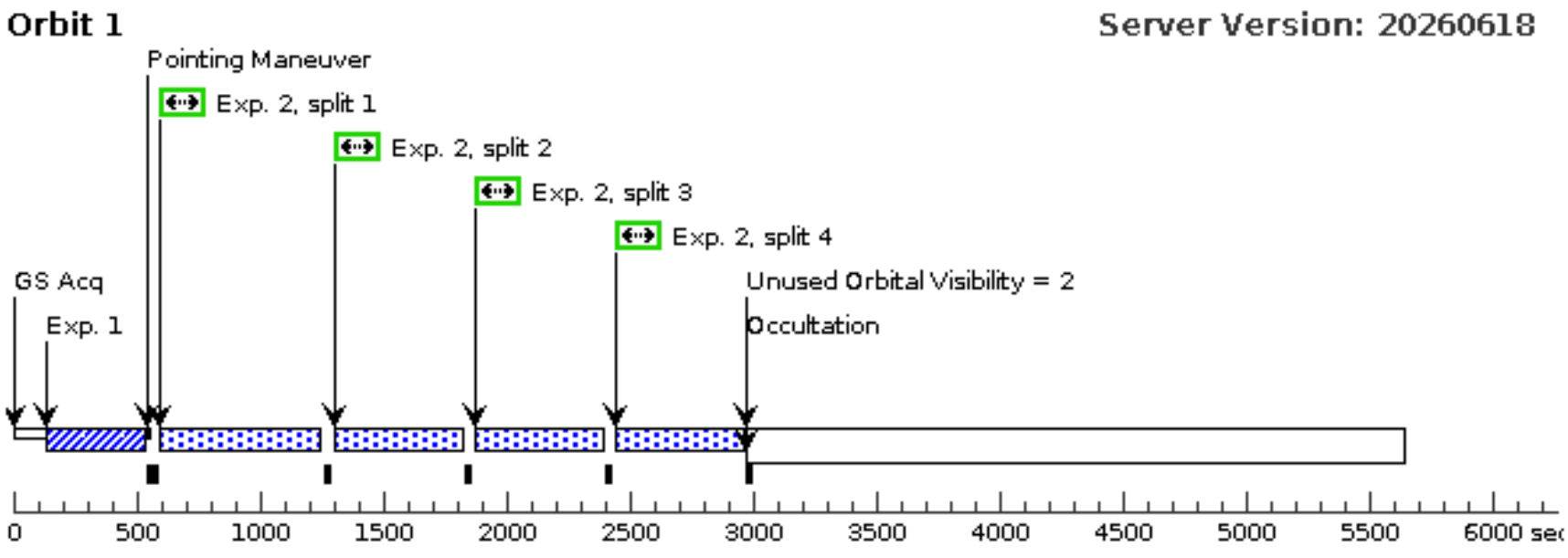
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SN2025AFCR Alt Name1: ZTF25ACEMAPH	RA: 12 38 41.7740 (189.6740583d) Dec: +07 36 37.68 (7.61047d) Equinox: J2000	Proper Motion RA: 0 arcsec/yr Proper Motion Dec: 0 arcsec/yr	V=17.8+/-0.5	Reference Frame: ICRS

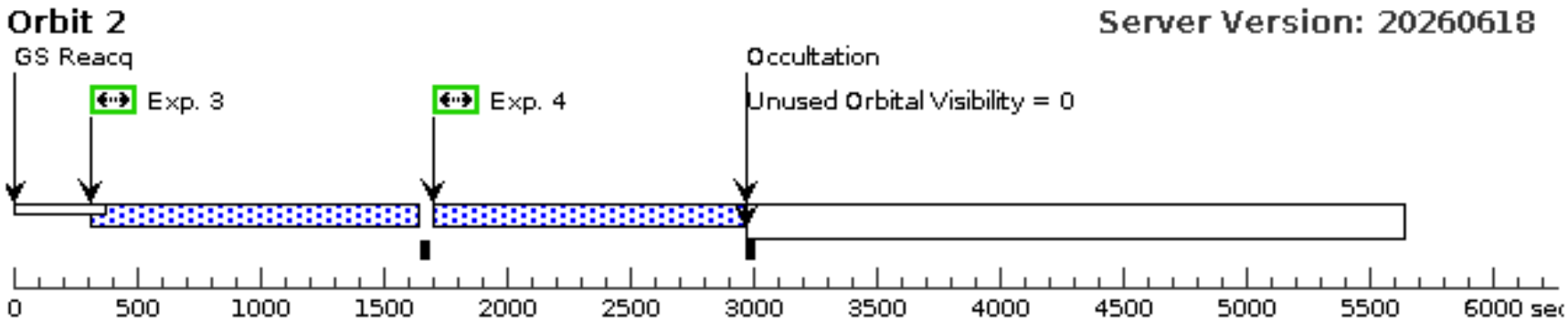
Comments:
Category=EXT-STAR
Description=[SUPERNOVA]
Extended=NO

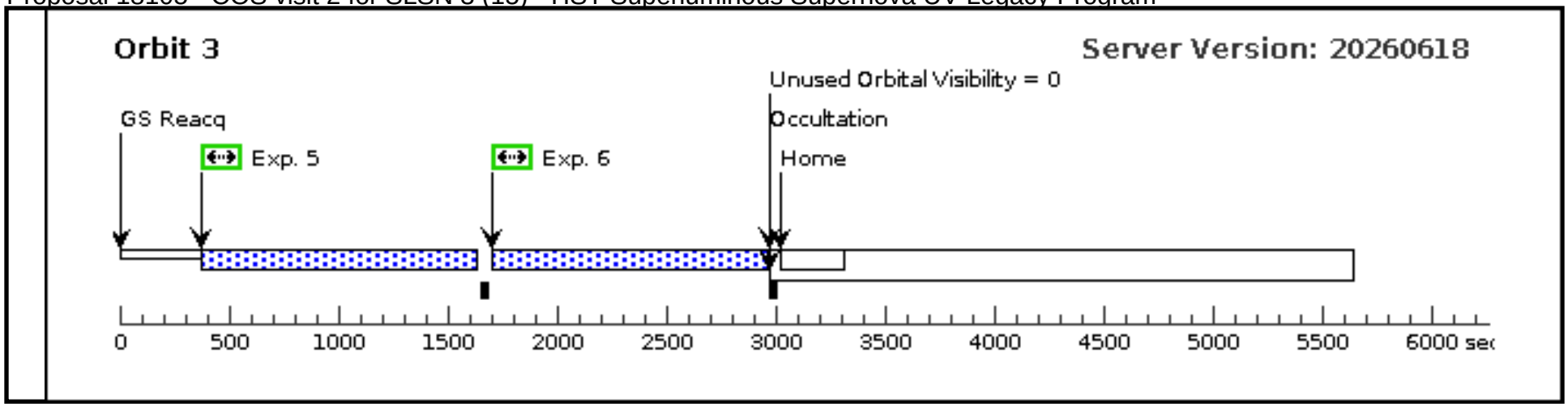
Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1 (COS.sa.2247116)	(7) SN2025AFCR	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	***[1]***
2	COS spectra SLSN 1 (orbit 1) (COS.sp.2247114)	(7) SN2025AFCR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=8000; FP-POS=ALL			400 Secs (1864 Secs) *[==>466.0 Secs (Split 1)]* *[==>466.0 Secs (Split 2)]* *[==>466.0 Secs (Split 3)]* *[==>466.0 Secs (Split 4)]*	***[1]***
3	COS spectra SLSN 1 (orbit 2) (COS.sp.2247114)	(7) SN2025AFCR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=8000; FP-POS=1			1000 Secs (1209 Secs) *[==>1209.0 Secs]*	***[2]***
4	COS spectra SLSN 1 (orbit 3) (COS.sp.2247114)	(7) SN2025AFCR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=8000; FP-POS=2			1000 Secs (1209 Secs) *[==>1209.0 Secs]*	***[2]***
5	COS spectra SLSN 1 (orbit 2) (COS.sp.2247114)	(7) SN2025AFCR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=8000; FP-POS=3			1000 Secs (1209 Secs) *[==>1209.0 Secs]*	***[3]***
6	COS spectra SLSN 1 (orbit 3) (COS.sp.2247114)	(7) SN2025AFCR	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=8000; FP-POS=4			1000 Secs (1209 Secs) *[==>1209.0 Secs]*	***[3]***

Orbit Structure



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Exp. 6
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4000
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5500
6000 sec

Visit

Proposal 18105, STIS visit 2 for SLSN 3 (16), completed Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: No Diagnostics

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 16,15 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Fixed Targets

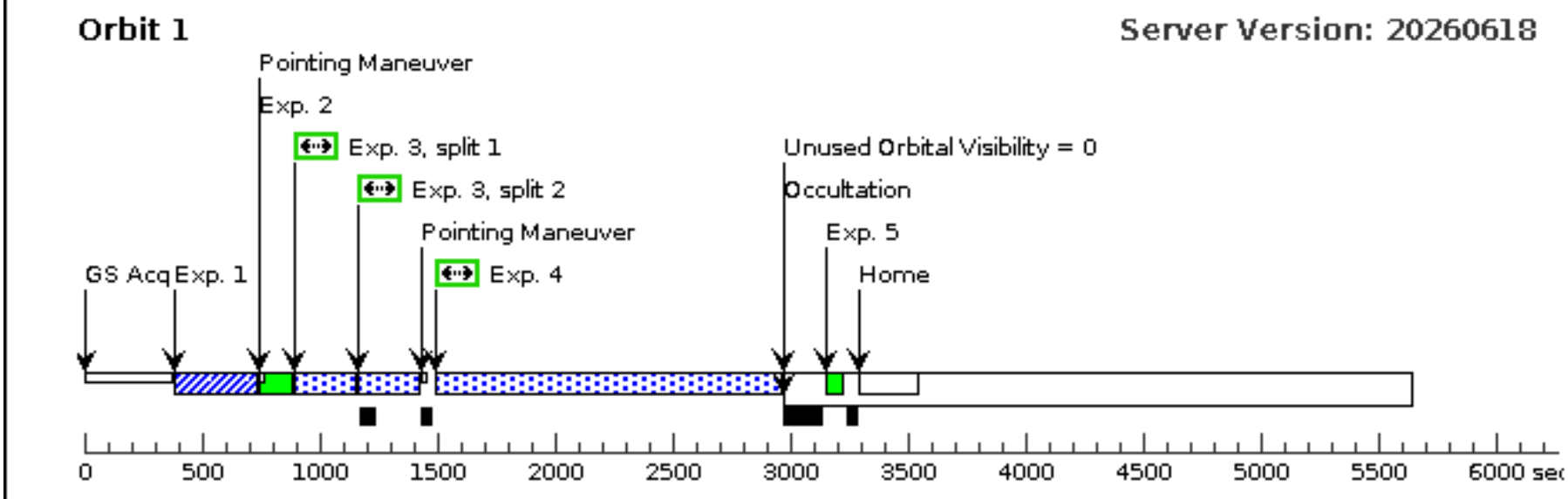
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
(7)	SN2025AFCR Alt Name1: ZTF25ACEMAPH	RA: 12 38 41.7740 (189.6740583d) Dec: +07 36 37.68 (7.61047d) Equinox: J2000	Proper Motion RA: 0 arcsec/yr Proper Motion Dec: 0 arcsec/yr	V=17.8+/-0.5	Reference Frame: ICRS

Comments:
Category=EXT-STAR
Description=[SUPERNOVA]
Extended=NO

Exposures

#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(7) SN2025AFCR	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(7) SN2025AFCR	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra (STIS.sp.2247115)	(7) SN2025AFCR	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=1800; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 1 for SLSN 4 (17), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: ON HOLD ; TOO MIN RESPONSE TIME 2.0D; TOO MAX RESPONSE TIME 5.0D

On Hold Comments: ToO

Diagnostics

(COS visit 1 for SLSN 4 (17)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition SLSN 1 (17.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 1) (17.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (17.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (17.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (17.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (17.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

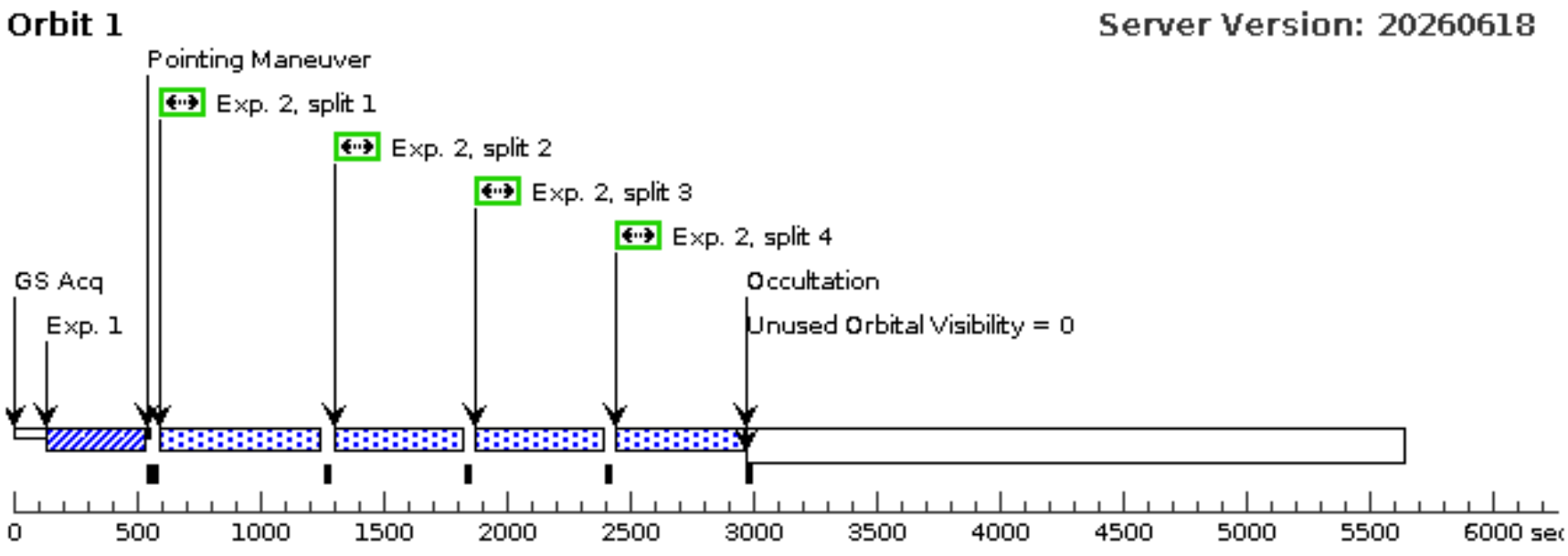
#	Name	Criteria	Description
(4)	SLSN4	spectroscopically confirmed SLSN	

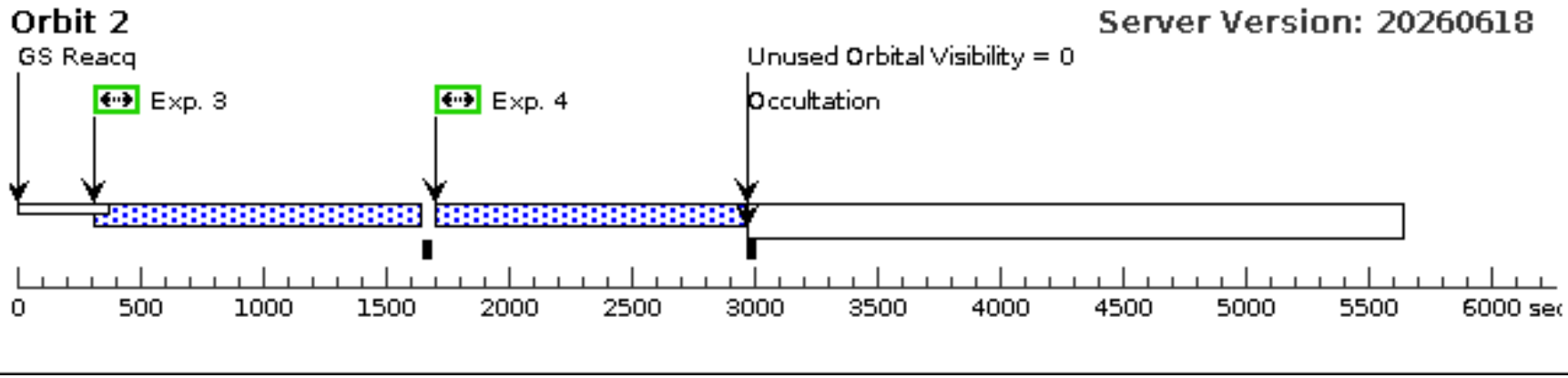
Comments: non-disruptive ToO of a SLSN

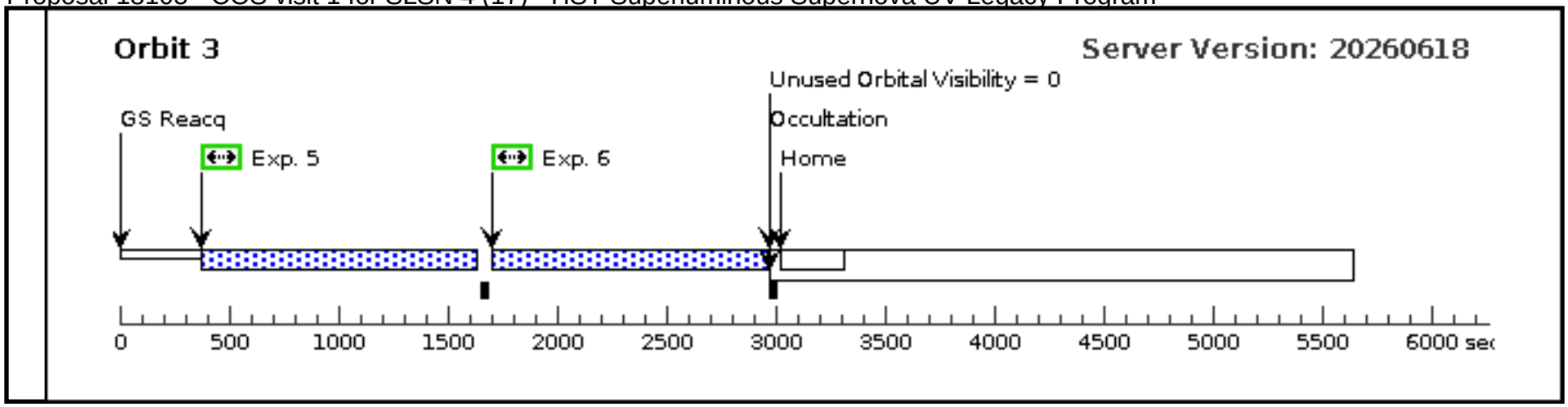
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1	(4) SLSN4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	***[1]***
2	COS spectra SLSN 1 (orbit 1)	(4) SLSN4	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	***[1]***
3	COS spectra SLSN 1 (orbit 2)	(4) SLSN4	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
4	COS spectra SLSN 1 (orbit 3)	(4) SLSN4	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
5	COS spectra SLSN 1 (orbit 2)	(4) SLSN4	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***
6	COS spectra SLSN 1 (orbit 3)	(4) SLSN4	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***

Orbit Structure



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Exp. 5
Exp. 6
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2500
3000
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5500
6000 sec

Visit

Proposal 18105, STIS visit 1 for SLSN 4 (18), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 18,17 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(UV spectra (18.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

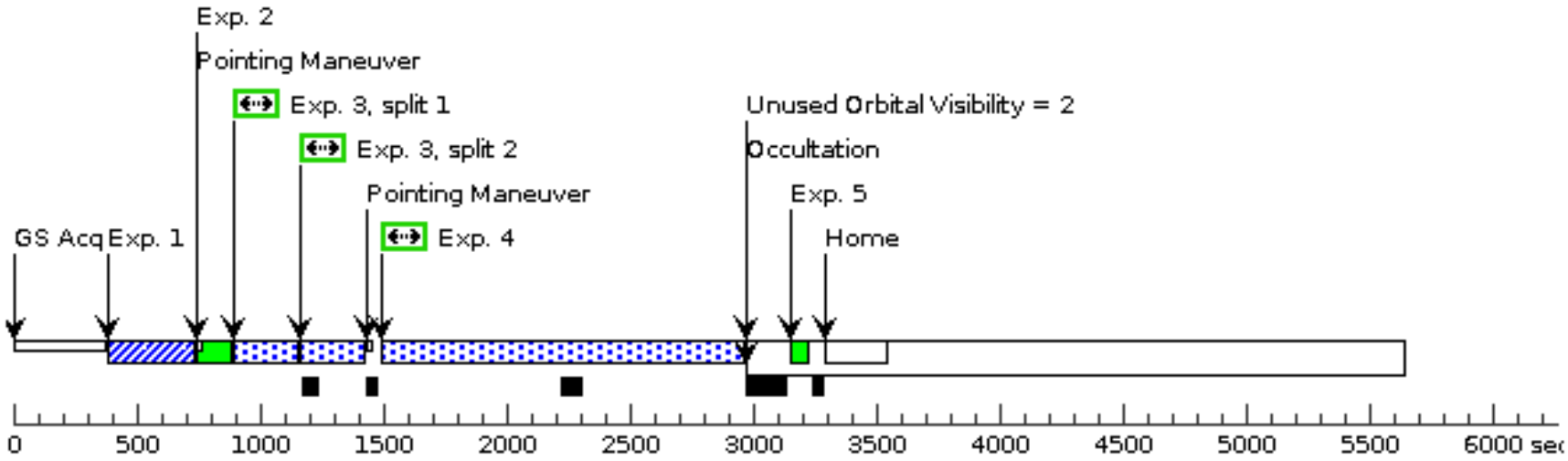
#	Name	Criteria	Description
(4)	SLSN4	spectroscopically confirmed SLSN	

Comments: non-disruptive ToO of a SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(4) SLSN4	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(4) SLSN4	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(4) SLSN4	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 2 for SLSN 4 (19), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: AFTER 17 BY 21 D TO 28 D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(COS visit 2 for SLSN 4 (19)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition SLSN 1 (19.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 1) (19.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (19.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (19.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (19.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (19.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

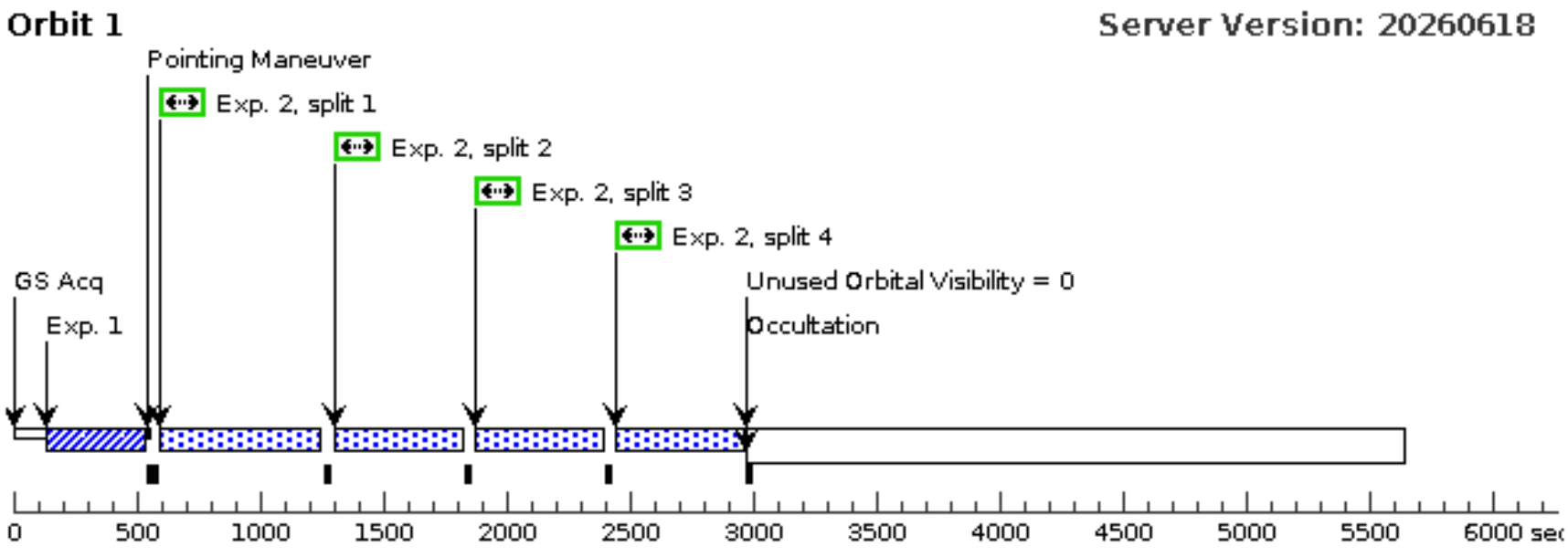
#	Name	Criteria	Description
(4)	SLSN4	spectroscopically confirmed SLSN	

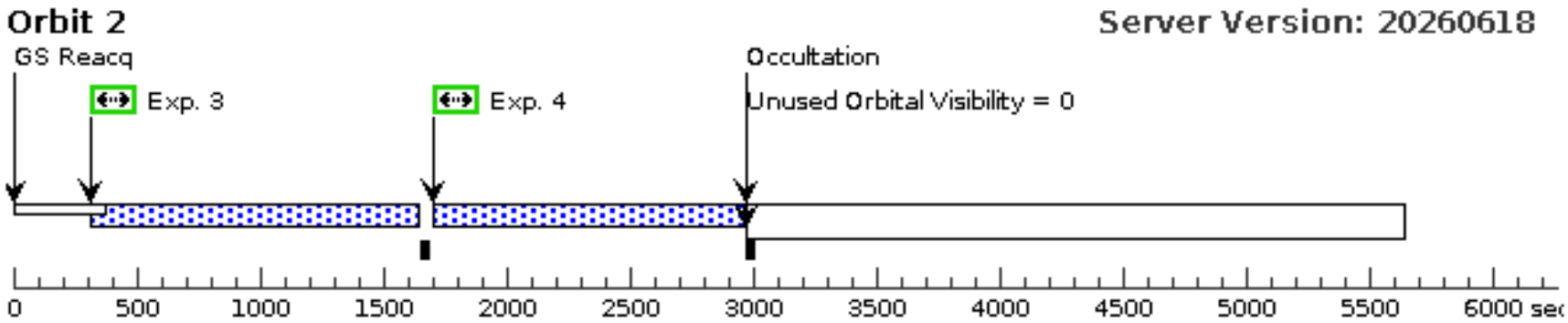
Comments: non-disruptive ToO of a SLSN

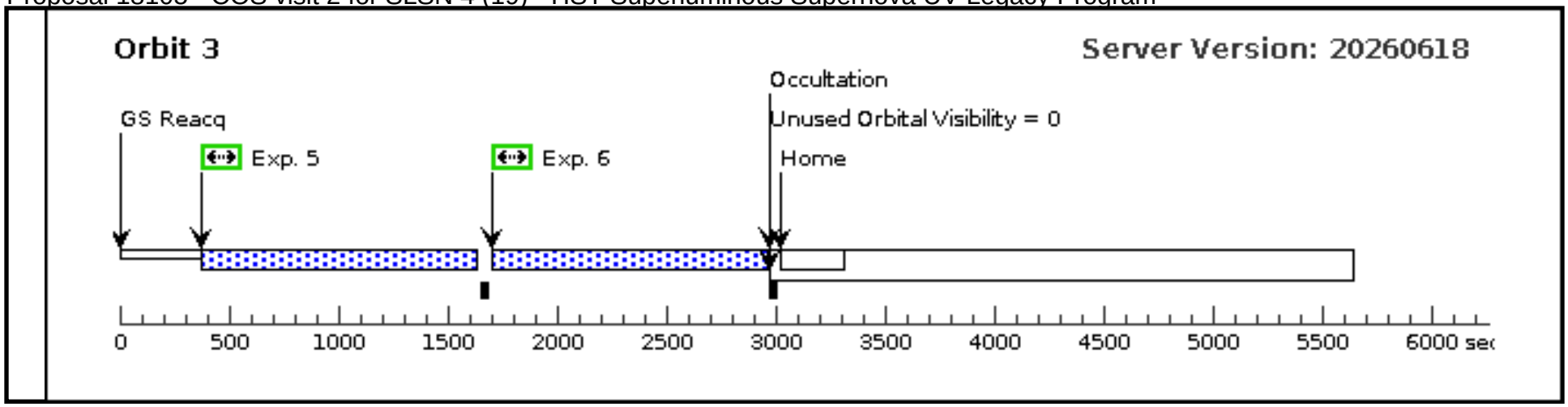
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1	(4) SLSN4	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	***[1]***
2	COS spectra SLSN 1 (orbit 1)	(4) SLSN4	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	***[1]***
3	COS spectra SLSN 1 (orbit 2)	(4) SLSN4	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
4	COS spectra SLSN 1 (orbit 3)	(4) SLSN4	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
5	COS spectra SLSN 1 (orbit 2)	(4) SLSN4	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***
6	COS spectra SLSN 1 (orbit 3)	(4) SLSN4	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***

Orbit Structure



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GS Reacq
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Exp. 5
Exp. 6
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5500
6000 sec

Visit

Proposal 18105, STIS visit 2 for SLSN 4 (20), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 20,19 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(UV spectra (20.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

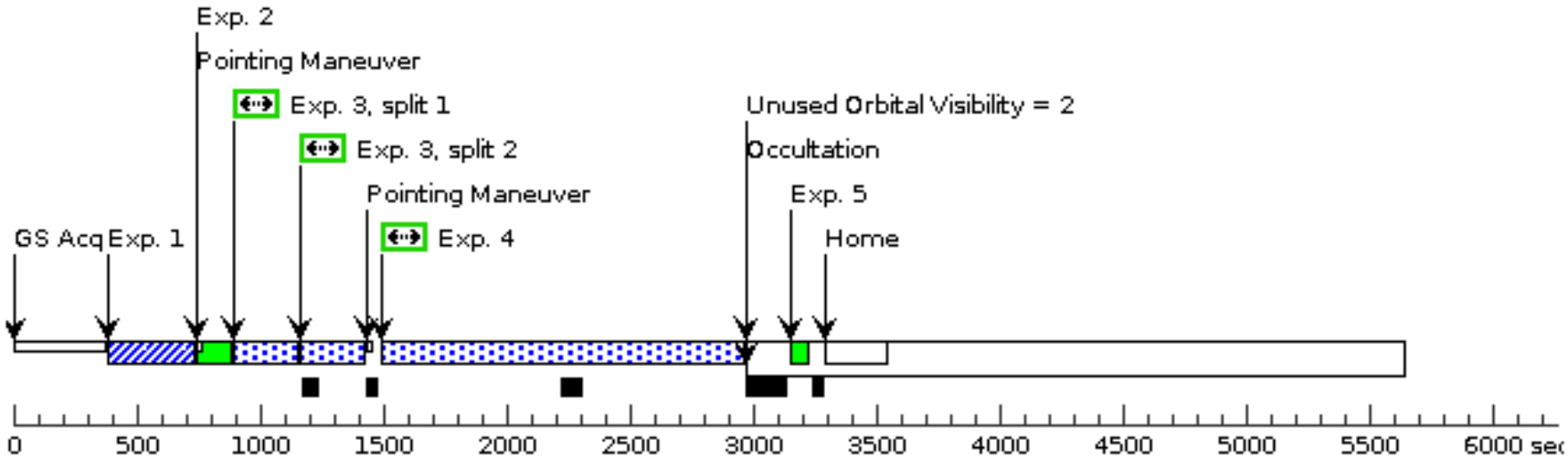
#	Name	Criteria	Description
(4)	SLSN4	spectroscopically confirmed SLSN	

Comments: non-disruptive ToO of a SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(4) SLSN4	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(4) SLSN4	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(4) SLSN4	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 1 for SLSN 5 (21), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: ON HOLD ; TOO MIN RESPONSE TIME 2.0D; TOO MAX RESPONSE TIME 5.0D

On Hold Comments: ToO

Diagnostics

(COS visit 1 for SLSN 5 (21)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition SLSN 1 (21.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 1) (21.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (21.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (21.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (21.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (21.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

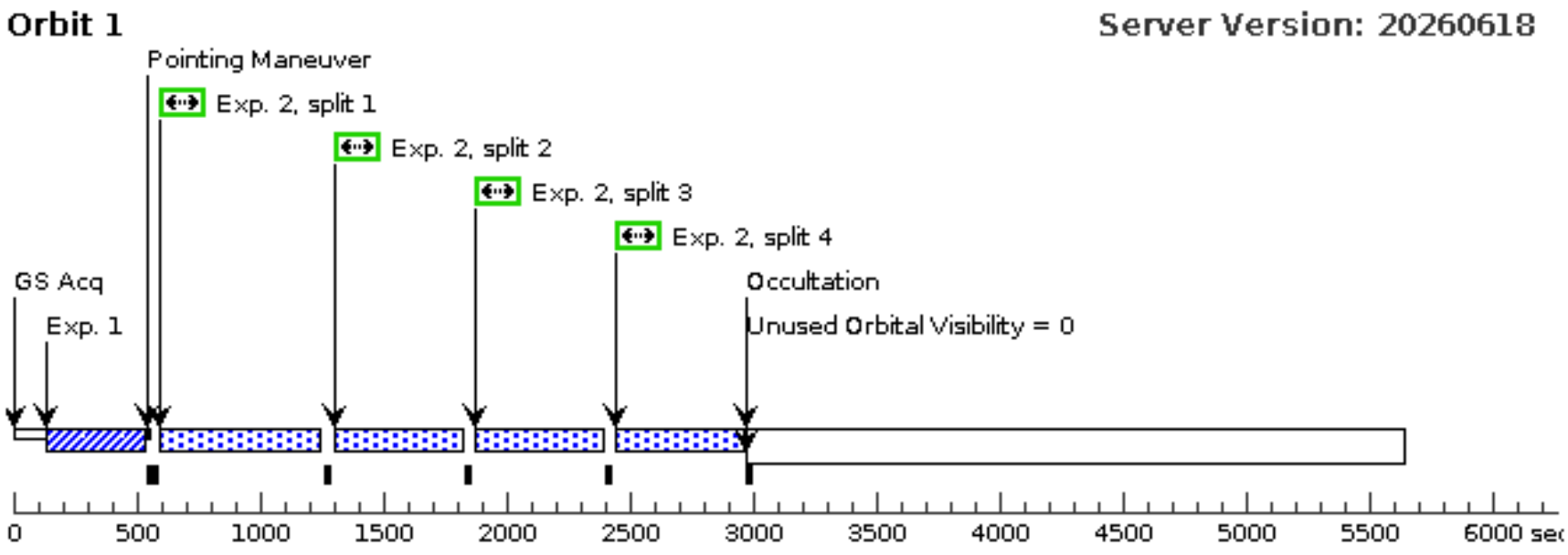
#	Name	Criteria	Description
(5)	SLSN5	spectroscopically confirmed SLSN	

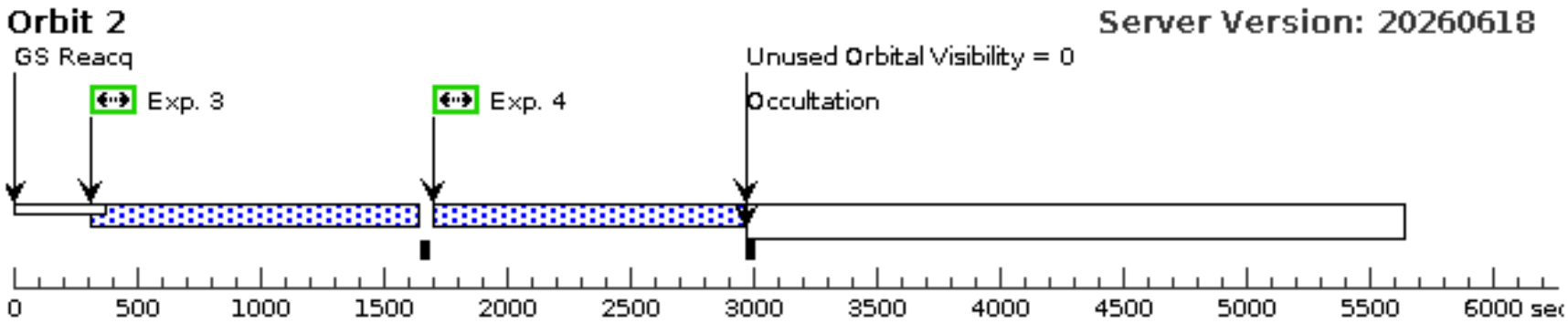
Comments: non-disruptive ToO of a SLSN

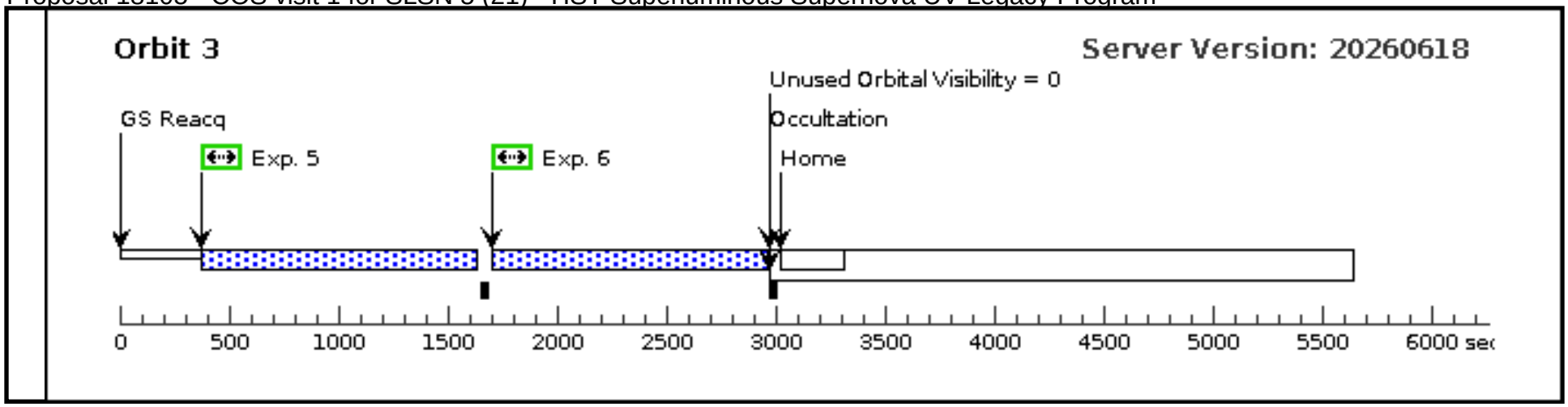
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1	(5) SLSN5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	***[1]***
2	COS spectra SLSN 1 (orbit 1)	(5) SLSN5	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	***[1]***
3	COS spectra SLSN 1 (orbit 2)	(5) SLSN5	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
4	COS spectra SLSN 1 (orbit 3)	(5) SLSN5	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
5	COS spectra SLSN 1 (orbit 2)	(5) SLSN5	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***
6	COS spectra SLSN 1 (orbit 3)	(5) SLSN5	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***

Orbit Structure



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Occultation
Exp. 5
Exp. 6
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3500
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6000 sec

Visit

Proposal 18105, STIS visit 1 for SLSN 5 (22), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 22,21 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(UV spectra (22.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

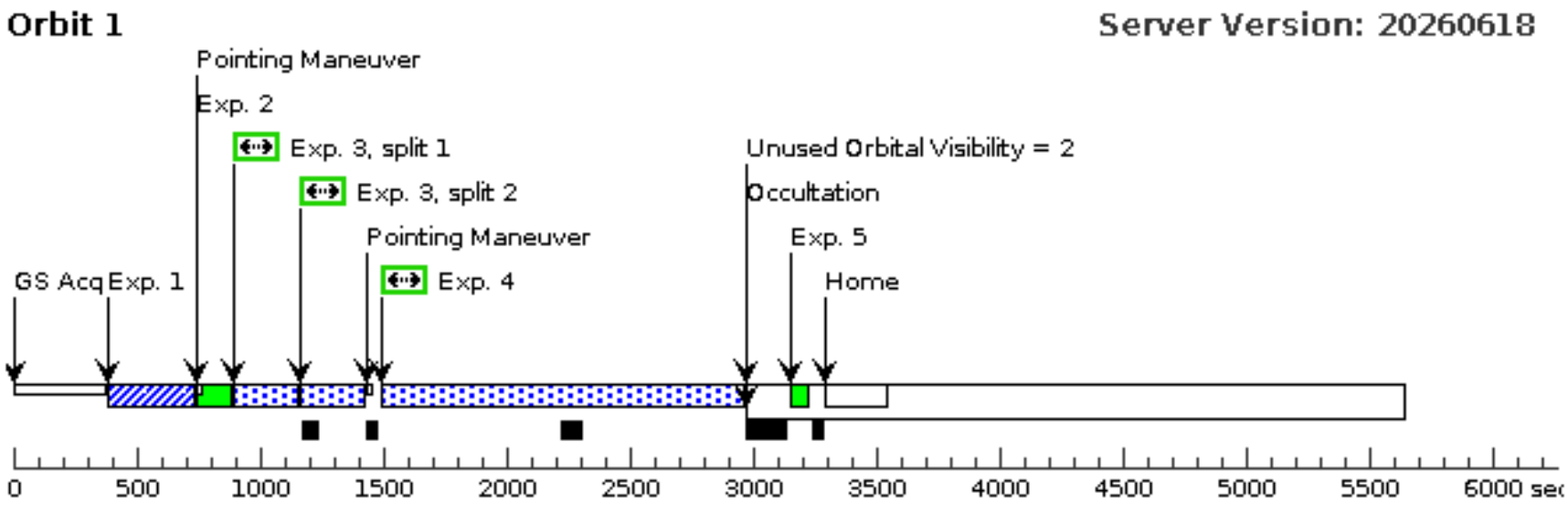
#	Name	Criteria	Description
(5)	SLSN5	spectroscopically confirmed SLSN	

Comments: non-disruptive ToO of a SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(5) SLSN5	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(5) SLSN5	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(5) SLSN5	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 2 for SLSN 5 (23), implementation Thu Aug 20 19:04:35 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: AFTER 22 BY 21 D TO 28 D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(COS visit 2 for SLSN 5 (23)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition SLSN 1 (23.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 1) (23.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (23.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (23.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (23.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (23.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

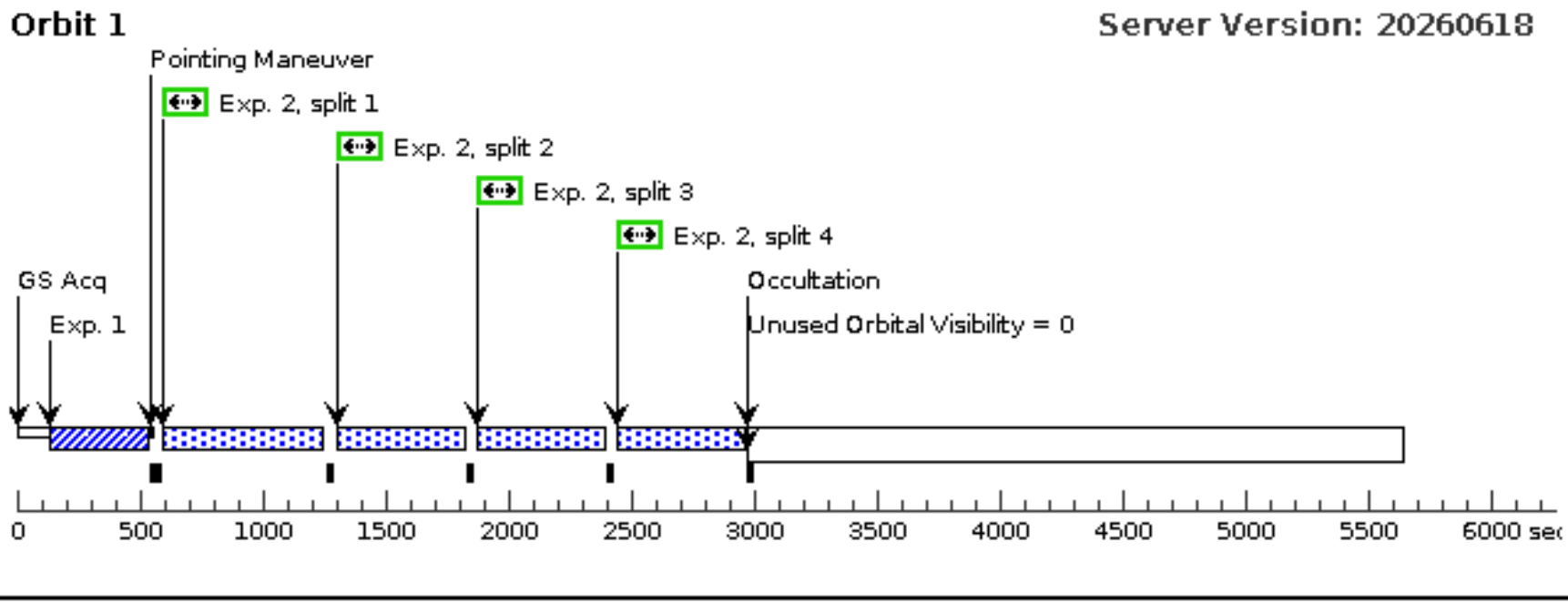
#	Name	Criteria	Description
(5)	SLSN5	spectroscopically confirmed SLSN	

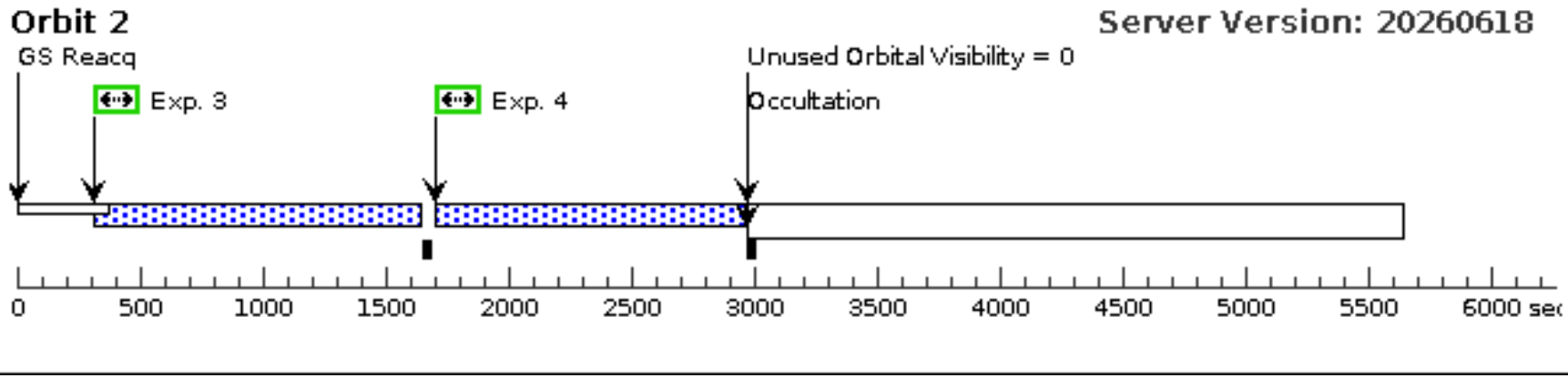
Comments: non-disruptive ToO of a SLSN

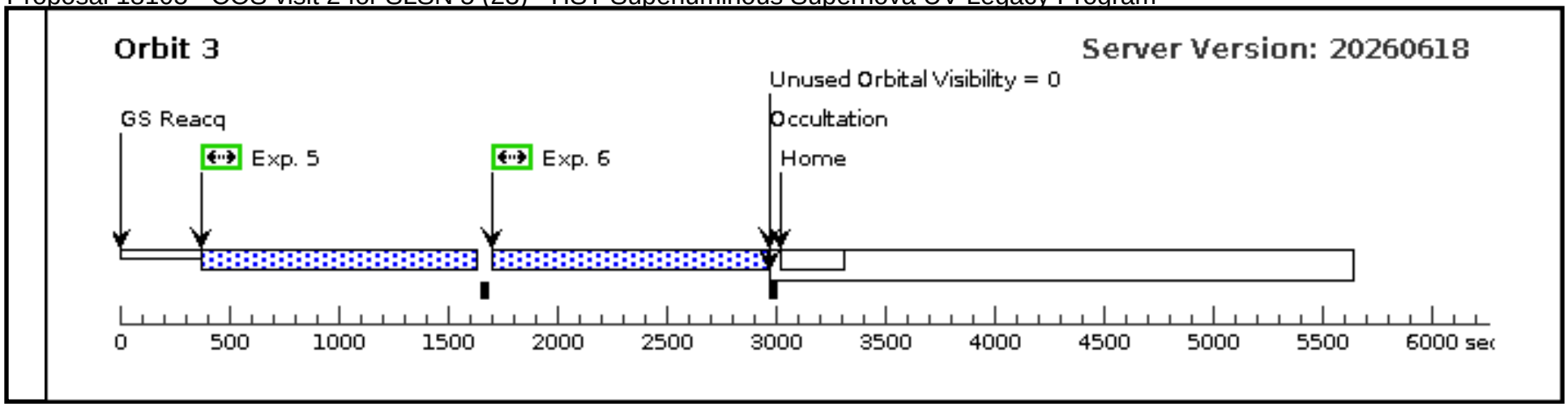
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1	(5) SLSN5	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	***[1]***
2	COS spectra SLSN 1 (orbit 1)	(5) SLSN5	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	***[1]***
3	COS spectra SLSN 1 (orbit 2)	(5) SLSN5	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
4	COS spectra SLSN 1 (orbit 3)	(5) SLSN5	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
5	COS spectra SLSN 1 (orbit 2)	(5) SLSN5	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***
6	COS spectra SLSN 1 (orbit 3)	(5) SLSN5	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***

Orbit Structure



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GS Reacq
Occultation
Exp. 5
Exp. 6
Home
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3000
3500
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6000 sec

Visit

Proposal 18105, STIS visit 2 for SLSN 5 (24), implementation Thu Aug 20 19:04:36 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 24,23 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(UV spectra (24.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

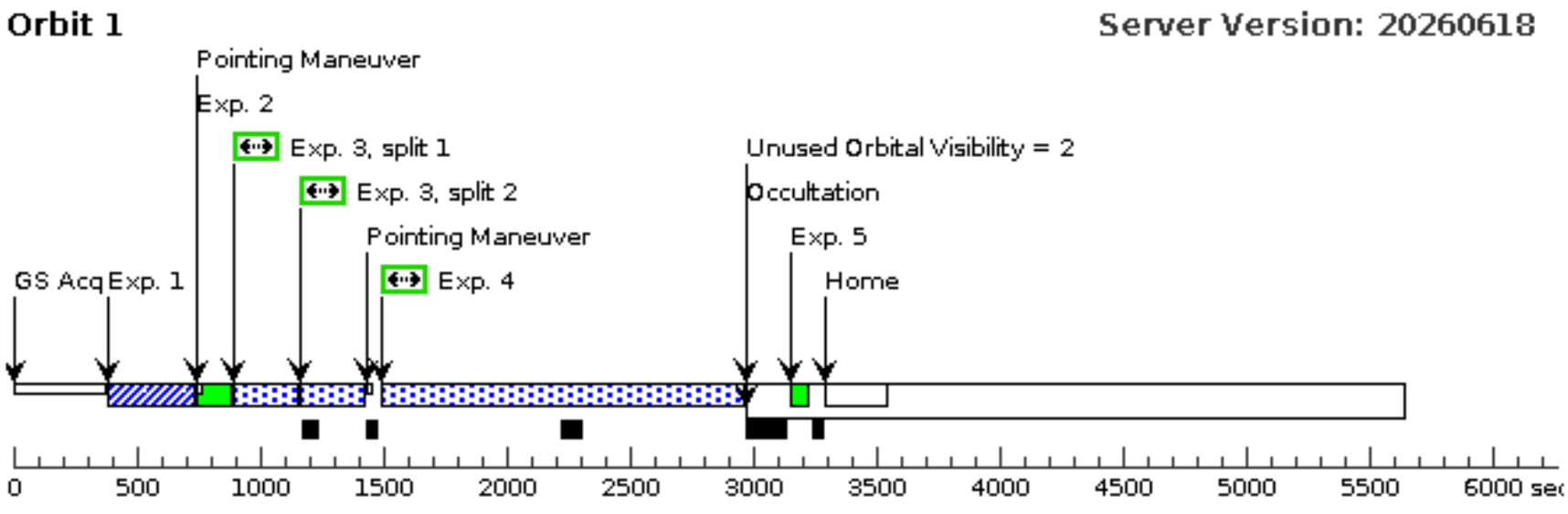
#	Name	Criteria	Description
(5)	SLSN5	spectroscopically confirmed SLSN	

Comments: non-disruptive ToO of a SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(5) SLSN5	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(5) SLSN5	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(5) SLSN5	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 1 for SLSN 6 (25), implementation Thu Aug 20 19:04:36 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: ON HOLD ; TOO MIN RESPONSE TIME 2.0D; TOO MAX RESPONSE TIME 5.0D

On Hold Comments: ToO

Diagnostics

(COS visit 1 for SLSN 6 (25)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition SLSN 1 (25.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 1) (25.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (25.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (25.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (25.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (25.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

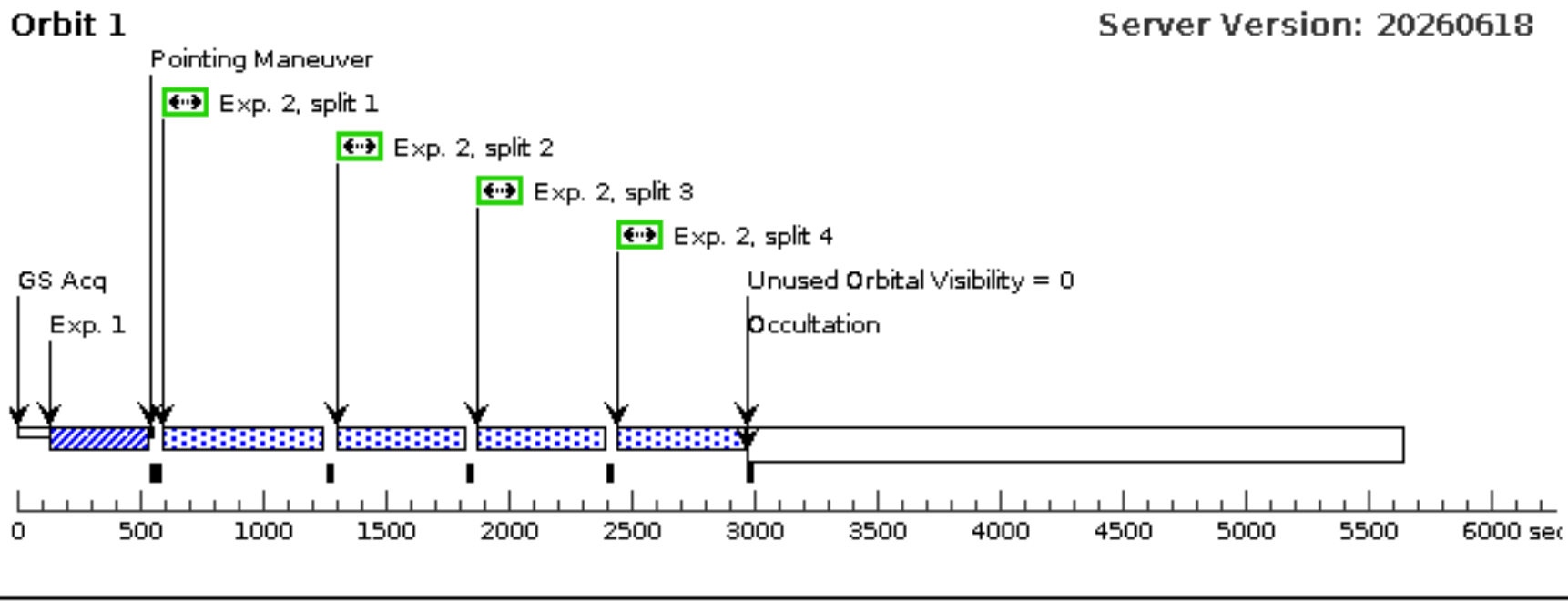
#	Name	Criteria	Description
(6)	SLSN6	spectroscopically confirmed SLSN	

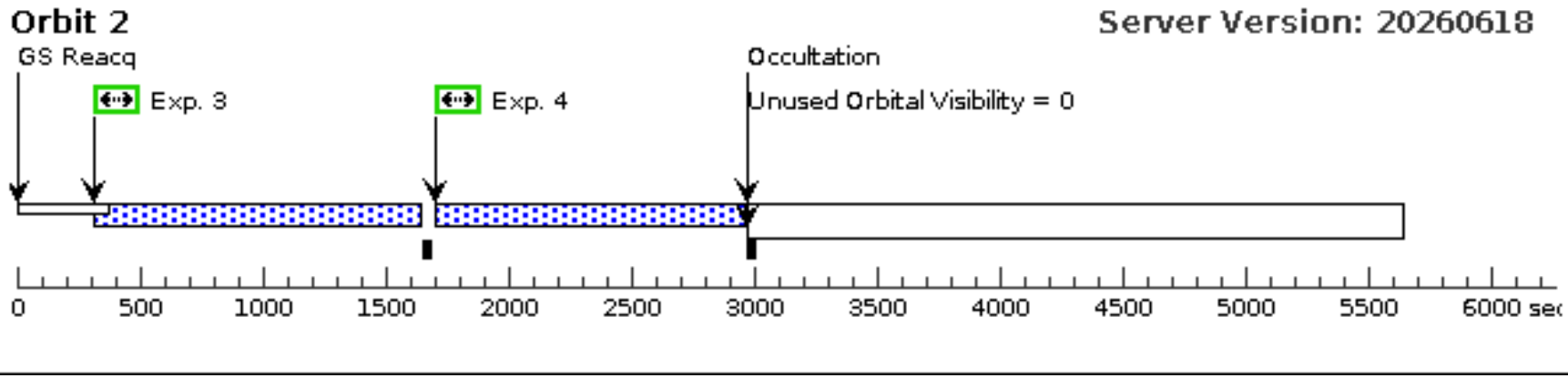
Comments: non-disruptive ToO of a SLSN

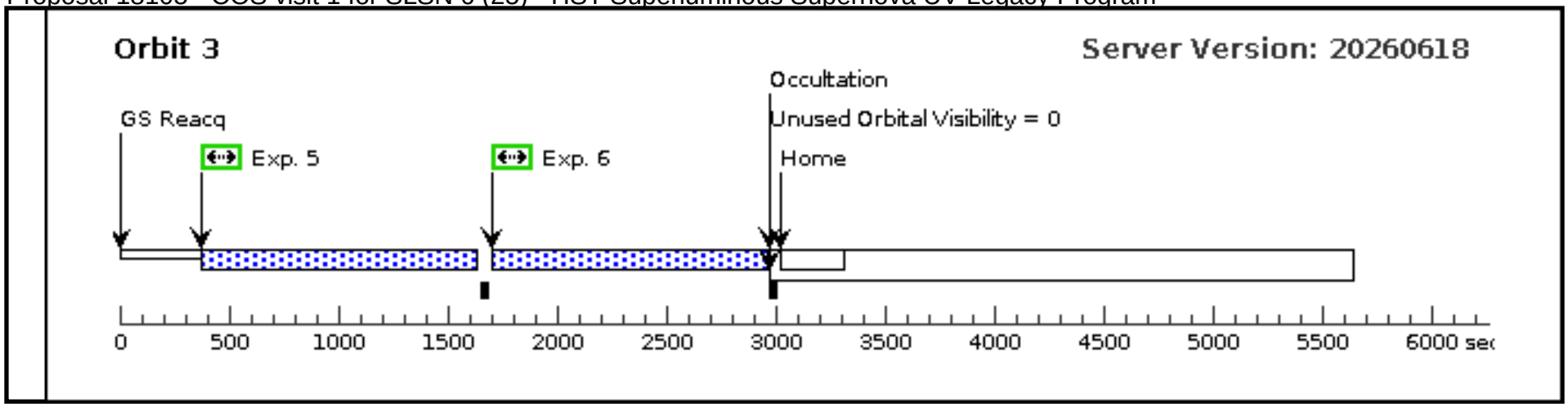
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1	(6) SLSN6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	***[1]***
2	COS spectra SLSN 1 (orbit 1)	(6) SLSN6	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	***[1]***
3	COS spectra SLSN 1 (orbit 2)	(6) SLSN6	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
4	COS spectra SLSN 1 (orbit 3)	(6) SLSN6	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
5	COS spectra SLSN 1 (orbit 2)	(6) SLSN6	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***
6	COS spectra SLSN 1 (orbit 3)	(6) SLSN6	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***

Orbit Structure



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GS Reacq
Unused Orbital Visibility = 0
Exp. 5
Exp. 6
Home
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Visit

Proposal 18105, STIS visit 1 for SLSN 6 (26), implementation Thu Aug 20 19:04:36 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 26,25 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(UV spectra (26.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

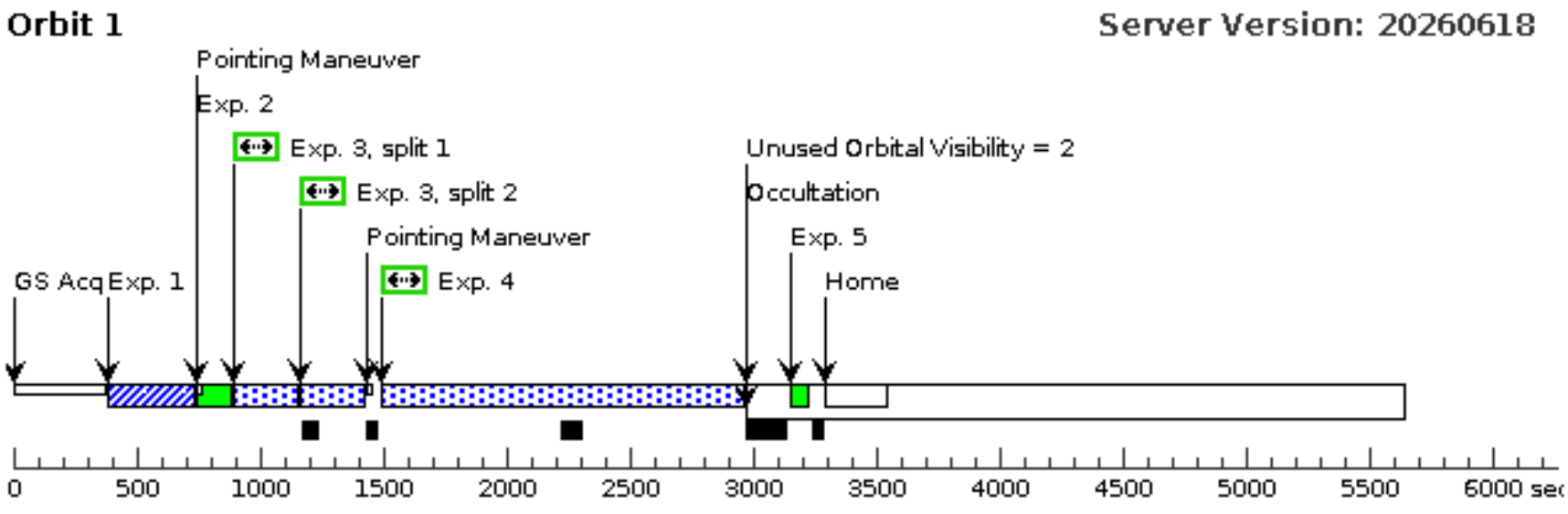
#	Name	Criteria	Description
(6)	SLSN6	spectroscopically confirmed SLSN	

Comments: non-disruptive ToO of a SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(6) SLSN6	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(6) SLSN6	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(6) SLSN6	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure



Visit

Proposal 18105, COS visit 2 for SLSN 6 (27), implementation Thu Aug 20 19:04:36 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: COS/FUV, COS/NUV

Special Requirements: AFTER 26 BY 21 D TO 28 D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

(COS visit 2 for SLSN 6 (27)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS

(COS acquisition SLSN 1 (27.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 1) (27.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (27.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (27.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 2) (27.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.

(COS spectra SLSN 1 (orbit 3) (27.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

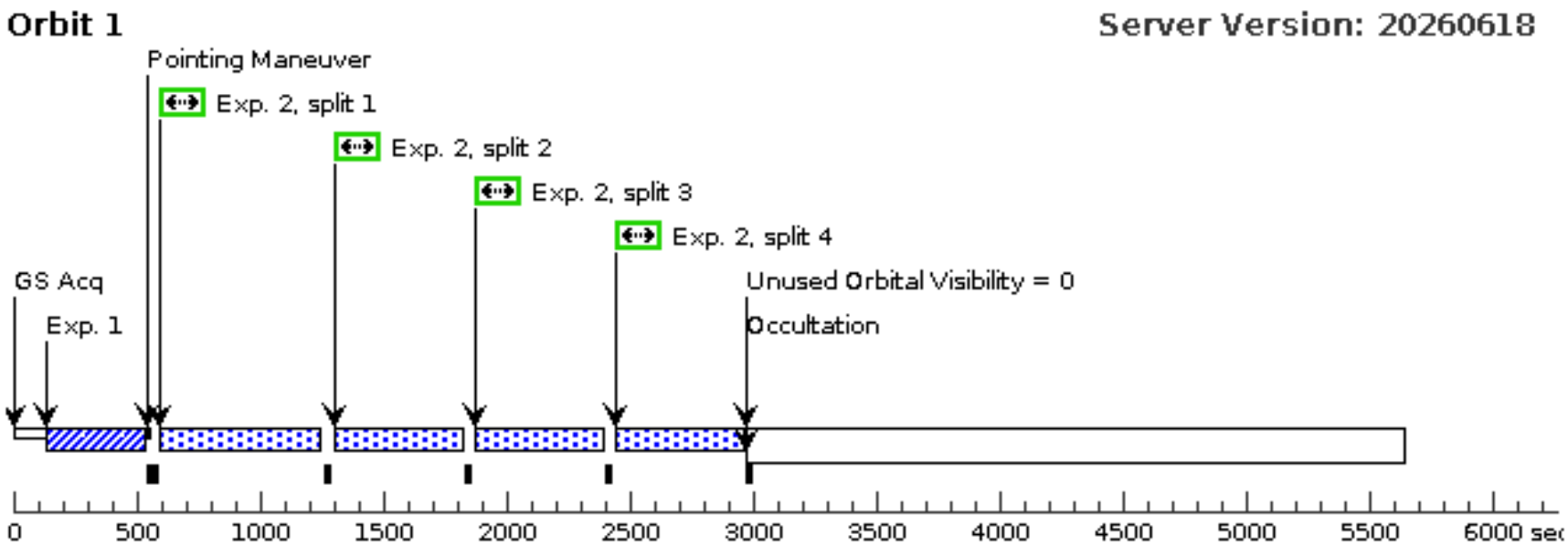
#	Name	Criteria	Description
(6)	SLSN6	spectroscopically confirmed SLSN	

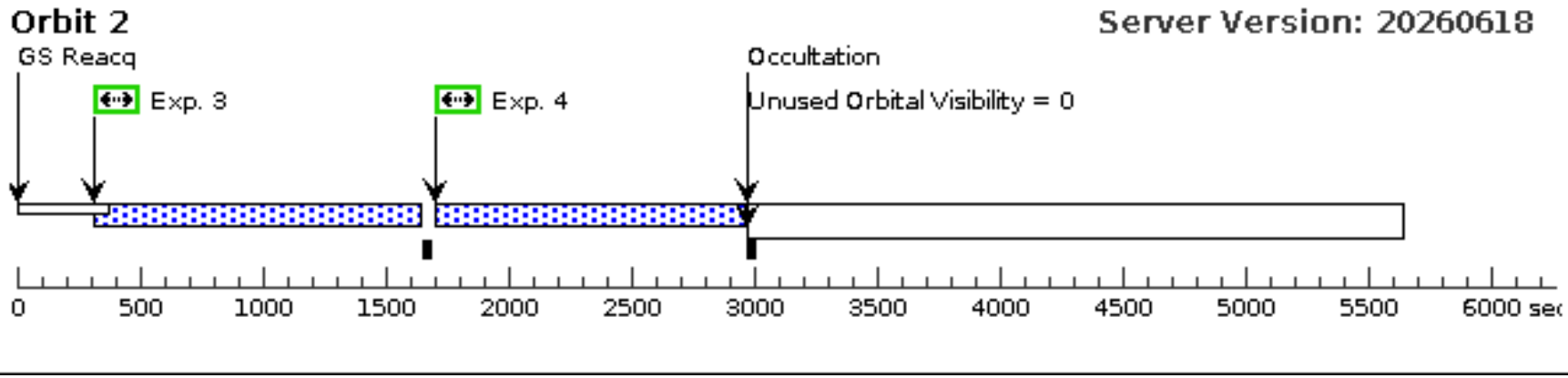
Comments: non-disruptive ToO of a SLSN

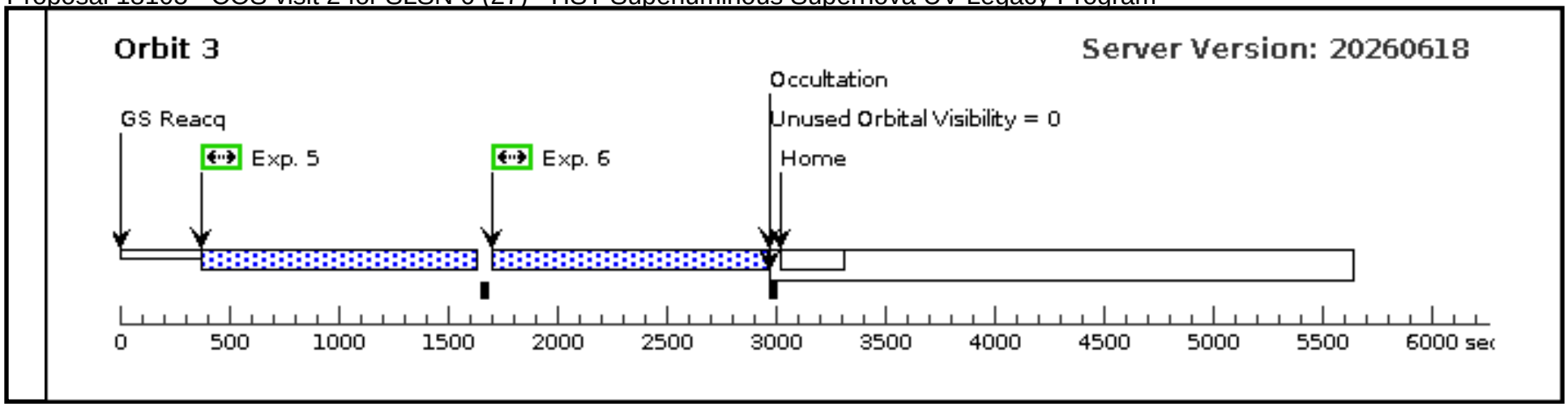
Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	COS acquisition SLSN 1	(6) SLSN6	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				45 Secs (45 Secs) *[==>]*	***[1]***
2	COS spectra SLSN 1 (orbit 1)	(6) SLSN6	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL			400 Secs (1868 Secs) *[==>467.0 Secs (Split 1)]* *[==>467.0 Secs (Split 2)]* *[==>467.0 Secs (Split 3)]* *[==>467.0 Secs (Split 4)]*	***[1]***
3	COS spectra SLSN 1 (orbit 2)	(6) SLSN6	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=1			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
4	COS spectra SLSN 1 (orbit 3)	(6) SLSN6	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=2			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[2]***
5	COS spectra SLSN 1 (orbit 2)	(6) SLSN6	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=3			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***
6	COS spectra SLSN 1 (orbit 3)	(6) SLSN6	COS/FUV, TIME-TAG, PSA	G140L 1105 A	FLASH=YES; BUFFER-TIME=6000; FP-POS=4			1000 Secs (1210 Secs) *[==>1210.0 Secs]*	***[3]***

Orbit Structure






Orbit 3
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Occultation
GS Reacq
Unused Orbital Visibility = 0
Exp. 5
Exp. 6
Home
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000 sec

Visit

Proposal 18105, STIS visit 2 for SLSN 6 (28), implementation Thu Aug 20 19:04:36 GMT 2026

Diagnostic Status: Warning

Scientific Instruments: STIS/NUV-MAMA, STIS/CCD

Special Requirements: GROUP 28,27 WITHIN 1D; ON HOLD

On Hold Comments: Target of Opportunity

Diagnostics

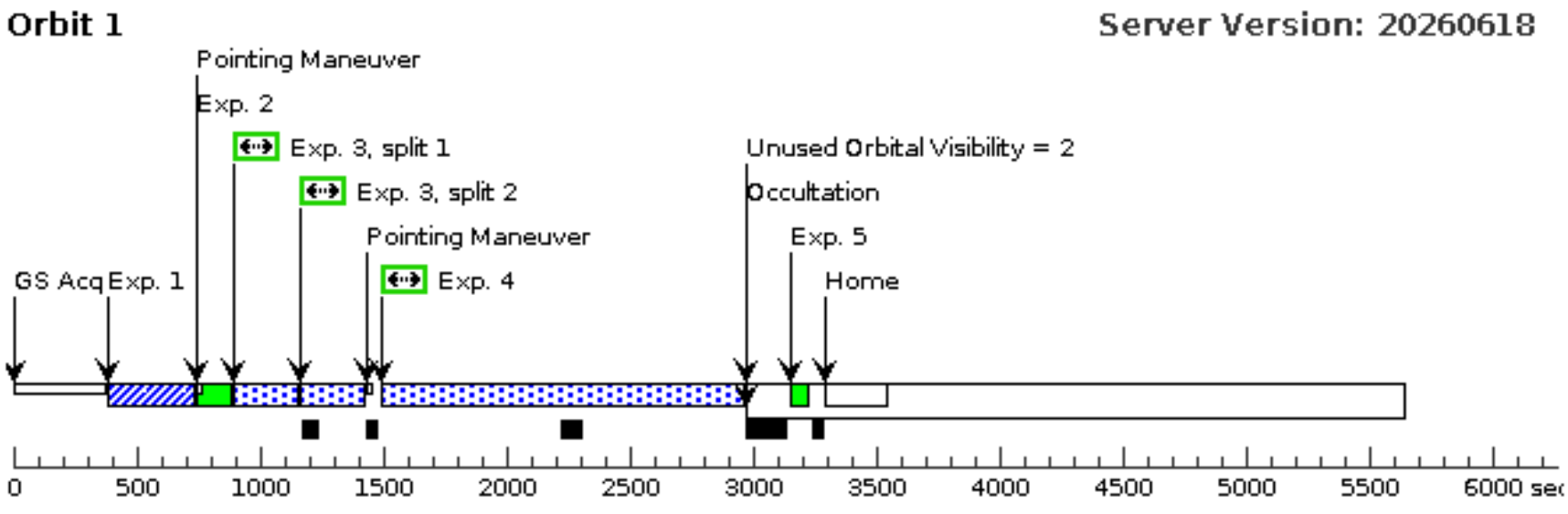
(UV spectra (28.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.

Generic Targets

#	Name	Criteria	Description
(6)	SLSN6	spectroscopically confirmed SLSN	

Comments: non-disruptive ToO of a SLSN

Exposures

#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	STIS acquisition SLSN 1	(6) SLSN6	STIS/CCD, ACQ, F28X50LP	MIRROR				30 Secs (30 Secs) *[==>]*	***[1]***
2	wavecal (CCD)	WAVE	STIS/CCD, ACCUM, 52X0.2	G430L 4300 A				*[==>]*	***[1]***
3	optical spectra	(6) SLSN6	STIS/CCD, ACCUM, 52X0.2E1	G430L 4300 A	WAVECAL=NO			200 Secs (448 Secs) *[==>224.0 Secs (Split 1)]* *[==>224.0 Secs (Split 2)]*	***[1]***
4	UV spectra	(6) SLSN6	STIS/NUV-MAMA, TIME-TAG, 52X0.2	G230L 2376 A	BUFFER-TIME=600; WAVECAL=NO			1200 Secs (1324 Secs) *[==>1324.0 Secs]*	***[1]***
5	wavecal (MAMA)	WAVE	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				*[==>]*	***[1]***

Orbit Structure