



18105 - HST Superluminous Supernova UV Legacy Program

Cycle: 33, Proposal Category: GO

(UV Initiative, Roman Preparatory Science)

(Availability Mode: SUPPORTED)

INVESTIGATORS

| <i>Name</i> | <i>Institution</i> |
|--|---|
| Prof. Robert M. Quimby (PI) (Contact) | San Diego State University |
| Prof. Edo Berger (CoI) | Harvard University |
| Dr. Peter Blanchard (CoI) | Harvard University |
| Dr. Ting-Wan Chen (CoI) | National Central University |
| Prof. Jeff Cooke (CoI) | Swinburne University of Technology |
| Dr. Annalisa De Cia (CoI) (ESA Member) | European Southern Observatory - Germany |
| Dr. Luc Dessart (CoI) (ESA Member) | CNRS, Institut d'Astrophysique de Paris |
| Prof. Claes Fransson (CoI) (ESA Member) | Stockholm University |
| Dr. Andrew S. Fruchter (CoI) | Space Telescope Science Institute |
| Dr. Sebastian Gomez (CoI) | University of Texas at Austin |
| Prof. Chiaki Kobayashi (CoI) (ESA Member) | University of Hertfordshire |
| Dr. Ragnhild Lunnan (CoI) (ESA Member) | Stockholm University |
| Prof. Paolo A. Mazzali (CoI) (ESA Member) | Liverpool John Moores University |
| Dr. Takashi Moriya (CoI) | National Astronomical Observatory of Japan (NAOJ) |
| Dr. Matt Nicholl (CoI) (ESA Member) | Queen's University Belfast |
| Prof. Ken'ichi Nomoto (CoI) | Institute for Physics and Mathematics of the Universe |
| Dr. Ferdinando Patat (CoI) (ESA Member) | European Southern Observatory - Germany |
| Dr. Daniel Perley (CoI) (ESA Member) | Liverpool John Moores University |
| Dr. Steve Schulze (CoI) | Northwestern University |
| Dr. Jason Spyromilio (CoI) (ESA Member) | European Southern Observatory - Germany |
| Dr. Daniel Whalen (CoI) (ESA Member) | University of Portsmouth |

| | |
|-------------------|------------------------------------|
| <i>Name</i> | <i>Institution</i> |
| Dr. Lin Yan (CoI) | California Institute of Technology |

VISITS

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 01 | (1) SLSN1 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:31.0 | yes |
| 02 | (1) SLSN1 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:32.0 | yes |
| 03 | (1) SLSN1 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:32.0 | yes |
| 04 | (1) SLSN1 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:33.0 | yes |
| 05 | (1) SLSN1 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:33.0 | yes |
| 06 | (1) SLSN1 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:34.0 | yes |
| 07 | (2) SLSN2 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:35.0 | yes |
| 08 | (2) SLSN2 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:35.0 | yes |
| 09 | (2) SLSN2 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:36.0 | yes |
| 10 | (2) SLSN2 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:37.0 | yes |
| 11 | (2) SLSN2 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:37.0 | yes |
| 12 | (2) SLSN2 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:38.0 | yes |

Proposal 18105 (STScI Edit Number: 0, Created: Tuesday, December 2, 2025, 3:00:48PM Eastern Standard Time) - Overview

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 13 | (7) SN2025AFCR | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:38.0 | yes |
| 14 | (7) SN2025AFCR WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:39.0 | yes |
| 15 | (7) SN2025AFCR | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:40.0 | yes |
| 16 | (7) SN2025AFCR WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:40.0 | yes |
| 17 | (4) SLSN4 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:41.0 | yes |
| 18 | (4) SLSN4 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:42.0 | yes |
| 19 | (4) SLSN4 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:42.0 | yes |
| 20 | (4) SLSN4 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:43.0 | yes |
| 21 | (5) SLSN5 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:43.0 | yes |
| 22 | (5) SLSN5 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:44.0 | yes |
| 23 | (5) SLSN5 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:44.0 | yes |
| 24 | (5) SLSN5 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:45.0 | yes |
| 25 | (6) SLSN6 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:46.0 | yes |
| 26 | (6) SLSN6 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:46.0 | yes |

| <i>Visit</i> | <i>Targets used in Visit</i> | <i>Configurations used in Visit</i> | <i>Orbits Used</i> | <i>Last Orbit Planner Run</i> | <i>OP Current with Visit?</i> |
|--------------|------------------------------|-------------------------------------|--------------------|-------------------------------|-------------------------------|
| 27 | (6) SLSN6 | COS/FUV COS/NUV | 3 | 02-Dec-2025 15:00:47.0 | yes |
| 28 | (6) SLSN6 WAVE | STIS/CCD STIS/NUV-MAMA | 1 | 02-Dec-2025 15:00:48.0 | 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 $z \sim 20$ 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.

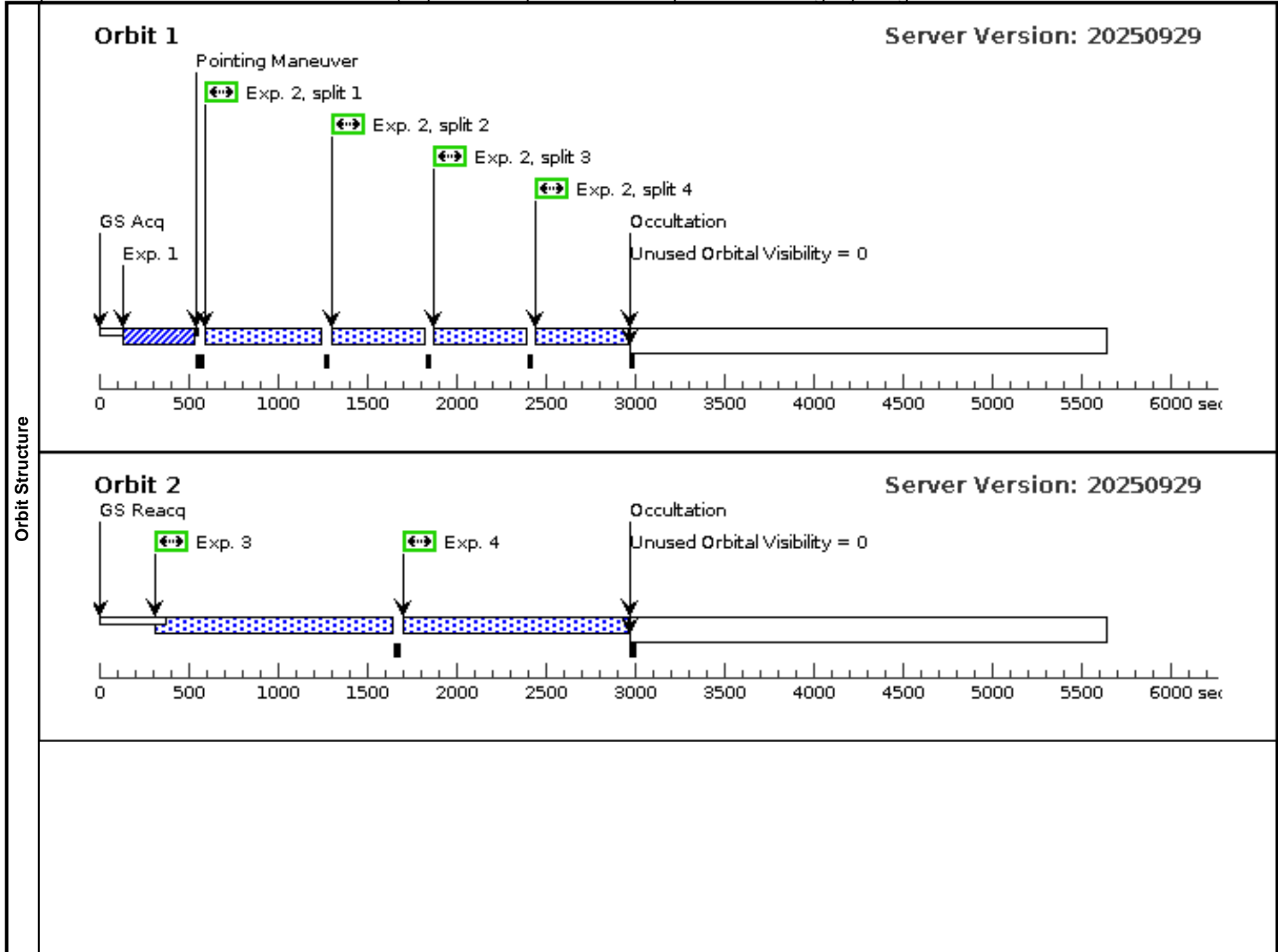
The two disruptive triggers will each include three epochs, spaced by approximately three weeks (with exact cadence determined at the time of ToO

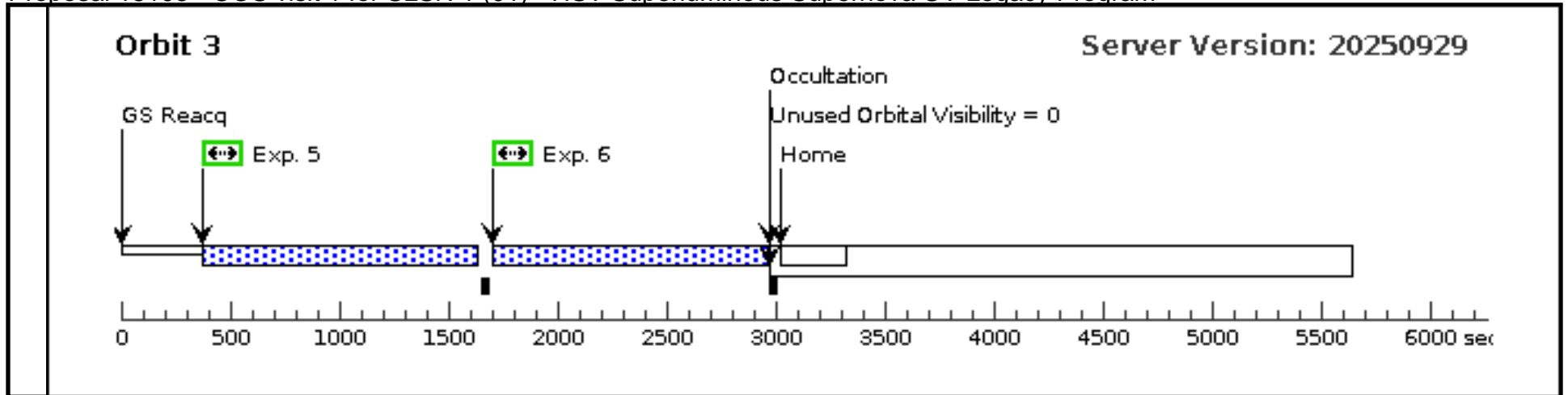
Proposal 18105 (STScI Edit Number: 0, Created: Tuesday, December 2, 2025, 3:00:48PM Eastern Standard Time) - Overview activation). The four non-disruptive triggers will include two epochs each, with a similar spacing.

Proposal 18105 - COS visit 1 for SLSN 1 (01) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

| Visit | Proposal 18105, COS visit 1 for SLSN 1 (01), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: ON HOLD ; TOO RESPONSE TIME 5.0D <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------------|-------------------------|-----------------|---|---------------|--------|--|-------|---|-------|--------|----------------------|---------------|--------------|---------------|----------------------------------|---------------------------------|-------|---|------------------------|-----------|-------------------------|---------|--|--|--|----------------------------|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|
| | Diagnosics (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 | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>SLSN1</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> </tbody> </table> <i>Comments: Disruptive ToO of a nearby SLSN</i> | | | | | | | | | | # | Name | Criteria | Description | (1) | SLSN1 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) | SLSN1 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>COS acquisition SLSN 1</td> <td>(1) SLSN1</td> <td>COS/NUV, ACQ/IMAGE, PSA</td> <td>MIRRORB</td> <td></td> <td></td> <td></td> <td>45 Secs (45 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>COS spectra SLSN 1 (orbit 1)</td> <td>(1) SLSN1</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL</td> <td></td> <td></td> <td>400 Secs (1868 Secs) [==>467.0 Secs (Split 1)] [==>467.0 Secs (Split 2)] [==>467.0 Secs (Split 3)] [==>467.0 Secs (Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>COS spectra SLSN 1 (orbit 2)</td> <td>(1) SLSN1</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=1</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>4</td> <td>COS spectra SLSN 1 (orbit 3)</td> <td>(1) SLSN1</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=2</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>5</td> <td>COS spectra SLSN 1 (orbit 2)</td> <td>(1) SLSN1</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=3</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[3]</td> </tr> <tr> <td>6</td> <td>COS spectra SLSN 1 (orbit 3)</td> <td>(1) SLSN1</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=4</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[3]</td> </tr> </tbody> </table> | | | | | | | | | | # | 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] |
| # | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

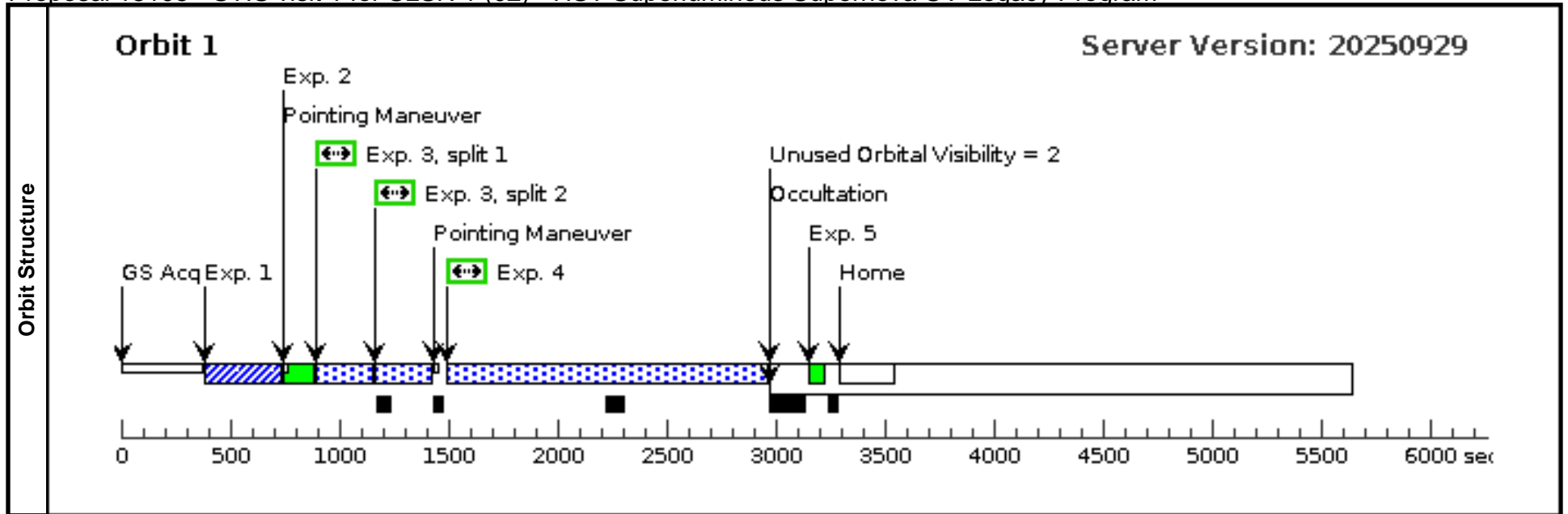




Proposal 18105 - STIS visit 1 for SLSN 1 (02) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

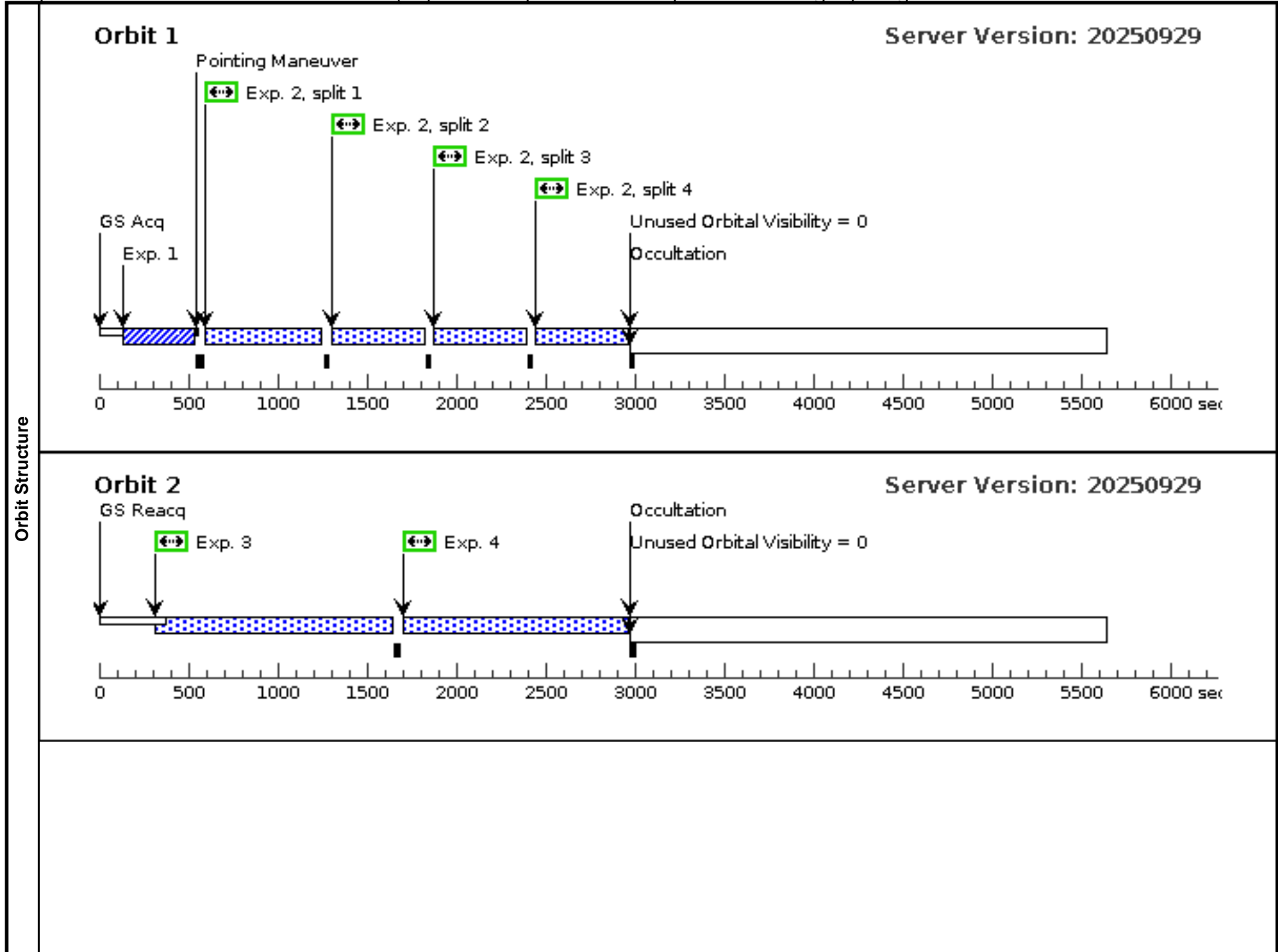
| Visit | Proposal 18105, STIS visit 1 for SLSN 1 (02), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 02,01 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|----------------------------------|---------------------------------|---------------------------|--------------------------------|--------------|---------------|--|---------------------------------|-------|---|-------|----------|----------------------|---------------|--------------|----------------------------------|--------|---------------------------------|-------|---|-------------------------|-----------|-------------------------|--------|--|--|--|-------------------|--|--|--|--|--|--|--|--|--|-------|-----|---|----------------|------|-------------------------|-----------------|--|--|--|-------|-----|---|-----------------|-----------|---------------------------|-----------------|------------|--|--|---------------------|--|--|--|--|--|--|--|--|--|--|-----|---|------------|-----------|---------------------------------|-----------------|--------------------------------|--|--|-----------------------|--|--|--|--|--|--|--|--|--|-------------------|-----|---|----------------|------|------------------------------|-----------------|--|--|--|-------|-----|
| | (UV spectra (02.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| (1) | SLSN1 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>STIS acquisition SLSN 1</td> <td>(1) SLSN1</td> <td>STIS/CCD, ACQ, F28X50LP</td> <td>MIRROR</td> <td></td> <td></td> <td></td> <td>30 Secs (30 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>wavecal (CC D)</td> <td>WAVE</td> <td>STIS/CCD, ACCUM, 52X0.2</td> <td>G430L 4300 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>optical spectra</td> <td>(1) SLSN1</td> <td>STIS/CCD, ACCUM, 52X0.2E1</td> <td>G430L 4300 A</td> <td>WAVECAL=NO</td> <td></td> <td></td> <td>200 Secs (448 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>224.0 Secs (Split 1)] [==>224.0 Secs (Split 2)]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>UV spectra</td> <td>(1) SLSN1</td> <td>STIS/NUV-MAMA, TIME-TAG, 52X0.2</td> <td>G230L 2376 A</td> <td>BUFFER-TIME=600; WAVECAL=NO</td> <td></td> <td></td> <td>1200 Secs (1324 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>1324.0 Secs]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>wavecal (MAMA)</td> <td>WAVE</td> <td>STIS/NUV-MAMA, ACCUM, 52X0.2</td> <td>G230L 2376 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> </tbody> </table> | | | | | | | | | | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit | 1 | STIS acquisition SLSN 1 | (1) SLSN1 | STIS/CCD, ACQ, F28X50LP | MIRROR | | | | 30 Secs (30 Secs) | | | | | | | | | | [==>] | [1] | 2 | wavecal (CC D) | 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] |
| | # | 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 (CC D) | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

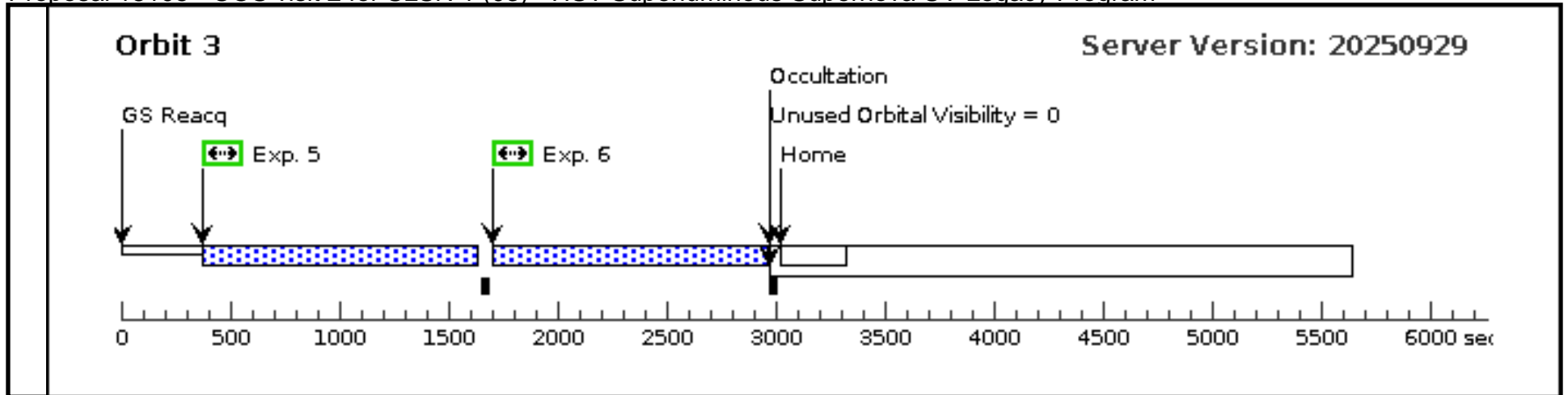


Proposal 18105 - COS visit 2 for SLSN 1 (03) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

| Visit | Proposal 18105, COS visit 2 for SLSN 1 (03), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: AFTER 01 BY 21 D TO 28 D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------------------------|-----------|-------------------------|-----------------|---|---------------|--------|--|-------|---|------|----------|-------------|-----|-------|----------------------------------|--|--|--|--|--|
| | (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. | | | | | | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>SLSN1</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> <tr> <td colspan="4"><i>Comments: Disruptive ToO of a nearby SLSN</i></td> </tr> </tbody> </table> | | | | | | | | | | # | Name | Criteria | Description | (1) | SLSN1 | spectroscopically confirmed SLSN | | <i>Comments: Disruptive ToO of a nearby SLSN</i> | | | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | |
| (1) | SLSN1 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | |
| <i>Comments: Disruptive ToO of a nearby SLSN</i> | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 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] | | | | | | | | | | | | |

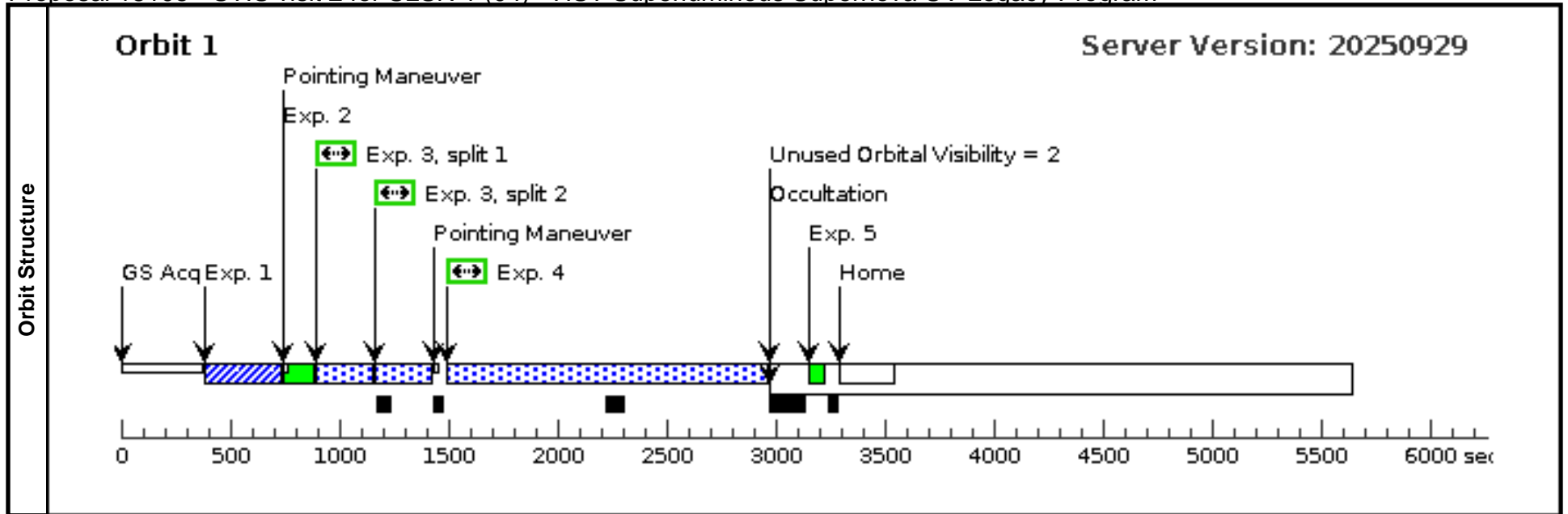




Proposal 18105 - STIS visit 2 for SLSN 1 (04) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

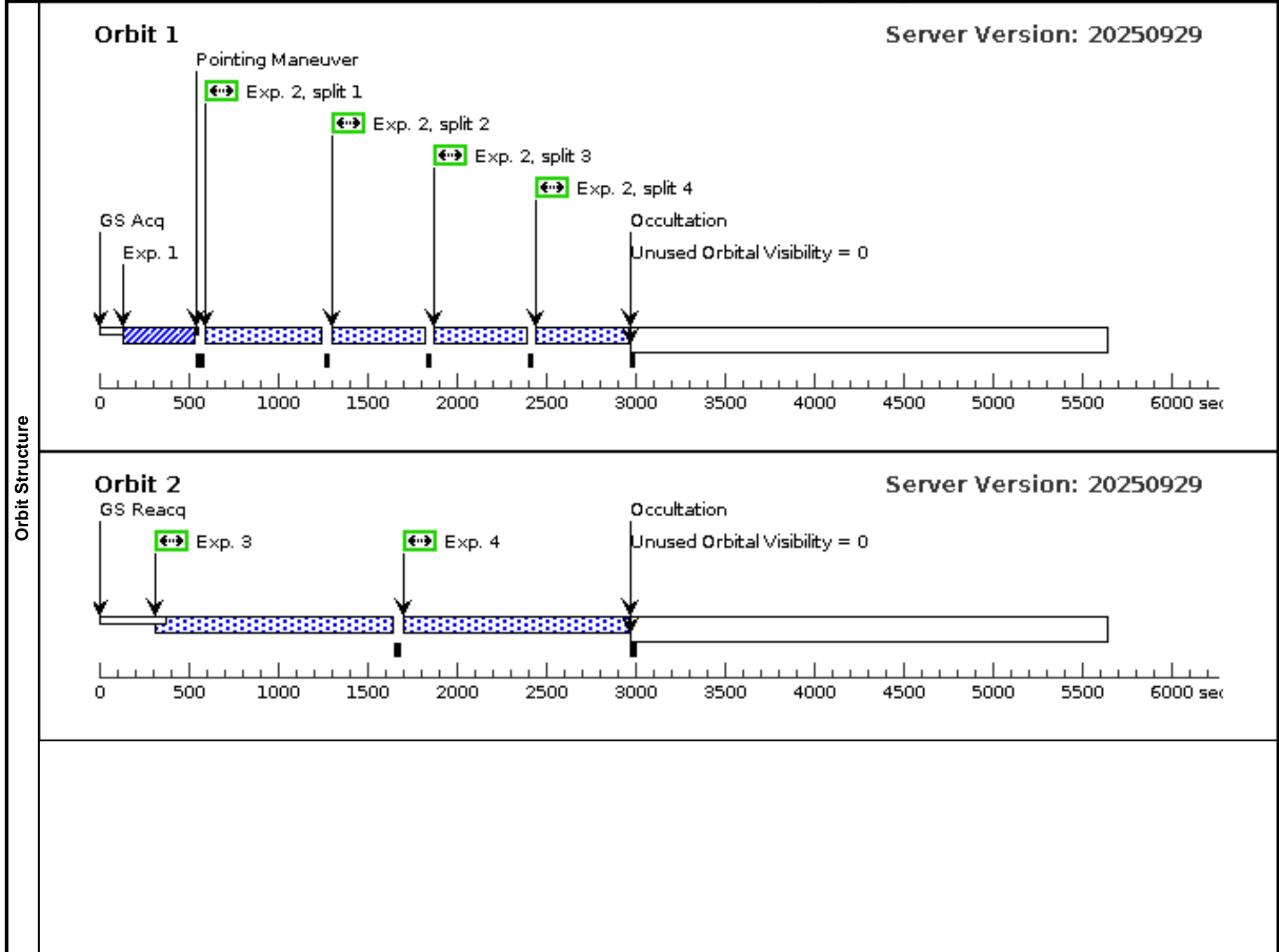
| Visit | Proposal 18105, STIS visit 2 for SLSN 1 (04), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 04,03 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | |
|------------------------|---|----------------------------------|---------------------------------|---------------------------|-----------------|--------------------------------|---------------|-----------------------|--|-------|---|------|----------|-------------|-----|-------|----------------------------------|--|
| | (UV spectra (04.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
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| | # | Name | Criteria | Description | | | | | | | | | | | | | | |
| (1) | SLSN1 | spectroscopically confirmed 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 (CC D) | 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] | | | | | | | | | |

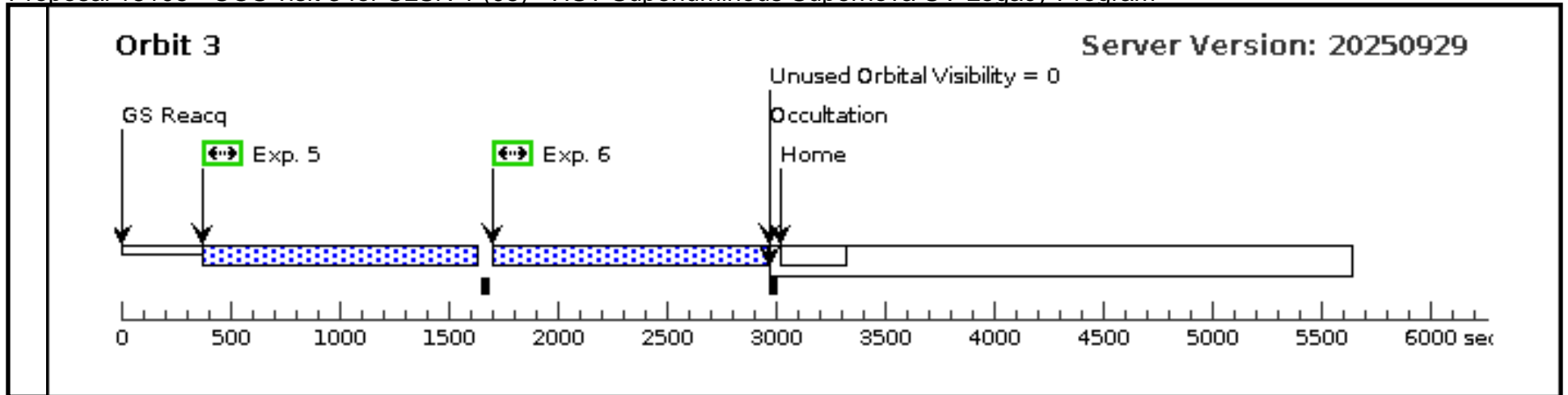


Proposal 18105 - COS visit 3 for SLSN 1 (05) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

| Visit | <p>Proposal 18105, COS visit 3 for SLSN 1 (05), implementation</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: AFTER 01 BY 40 D TO 60 D; ON HOLD</p> <p><i>On Hold Comments: Target of Opportunity</i></p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------------------------|------------------------|-------------------------|---|---|---------------|--|--|-------|---|-------|----------|----------------------|---------------|--------------|----------------------------------|--------|--|-------|---|------------------------|-----------|-------------------------|---------|--|--|--|----------------------------|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|
| | <p>(COS visit 3 for SLSN 1 (05)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS</p> <p>(COS acquisition SLSN 1 (05.001)) Warning (Form): Sensitive exposures should have an ETC run number provided.</p> <p>(COS spectra SLSN 1 (orbit 1) (05.002)) Warning (Form): Sensitive exposures should have an ETC run number provided.</p> <p>(COS spectra SLSN 1 (orbit 2) (05.003)) Warning (Form): Sensitive exposures should have an ETC run number provided.</p> <p>(COS spectra SLSN 1 (orbit 3) (05.004)) Warning (Form): Sensitive exposures should have an ETC run number provided.</p> <p>(COS spectra SLSN 1 (orbit 2) (05.005)) Warning (Form): Sensitive exposures should have an ETC run number provided.</p> <p>(COS spectra SLSN 1 (orbit 3) (05.006)) Warning (Form): Sensitive exposures should have an ETC run number provided.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (1) | SLSN1 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Comments: Disruptive ToO of a nearby SLSN</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | # | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

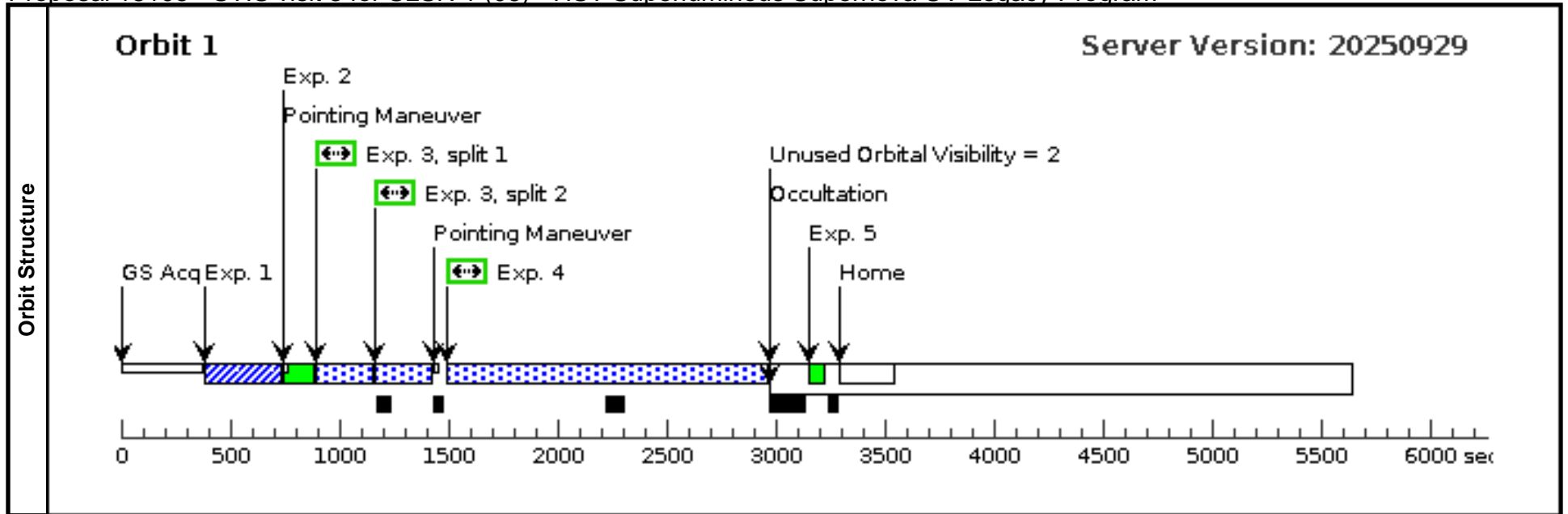




Proposal 18105 - STIS visit 3 for SLSN 1 (06) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

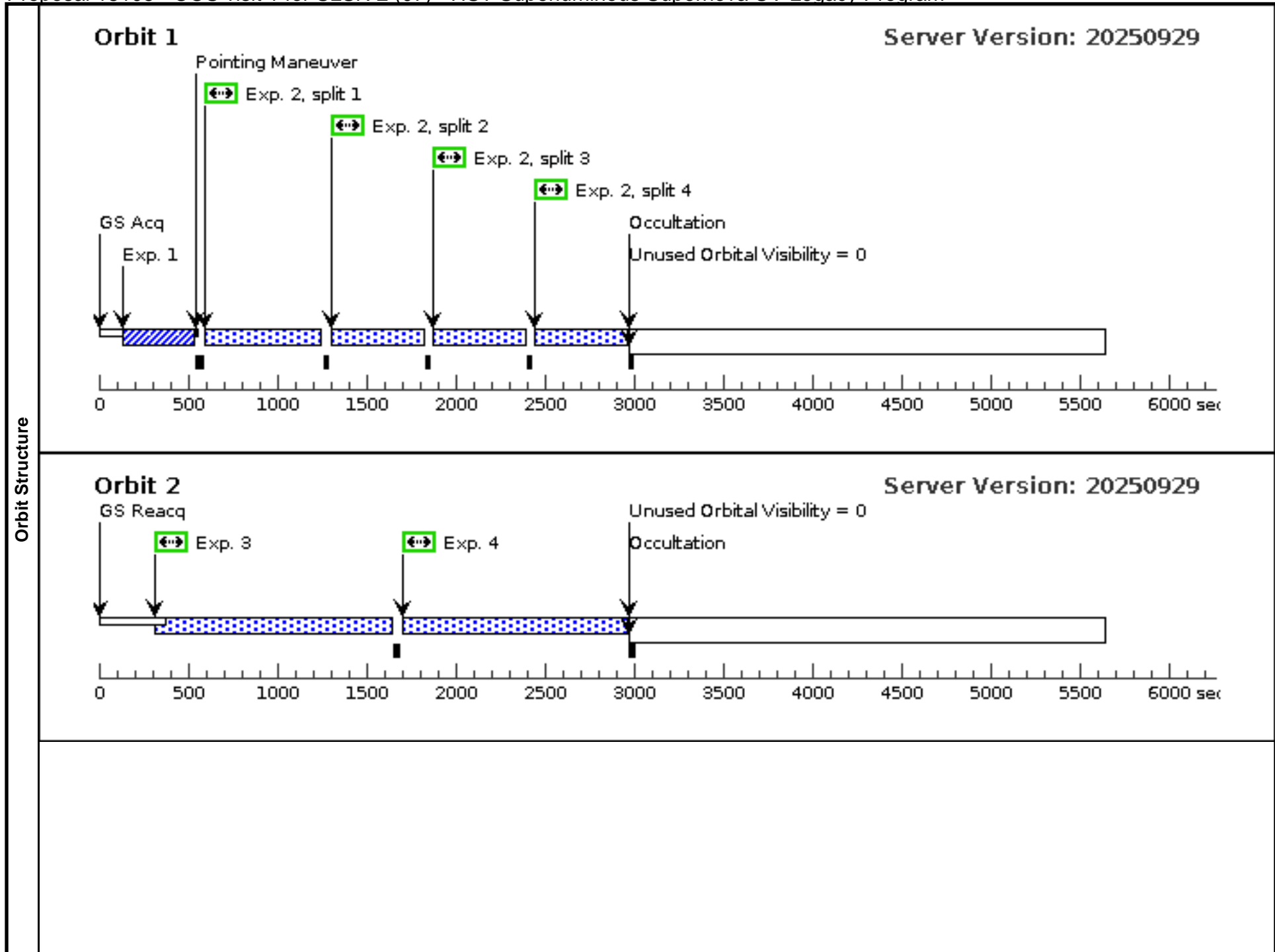
| Visit | Proposal 18105, STIS visit 3 for SLSN 1 (06), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 06,05 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | |
|------------------------|---|----------------------------------|---------------------------------|---------------------------|-----------------|--------------------------------|---------------|-----------------------|--|-------|---|------|----------|-------------|-----|-------|----------------------------------|--|
| | (UV spectra (06.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(1)</td> <td>SLSN1</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> </tbody> </table> Comments: Disruptive ToO of a nearby SLSN | | | | | | | | | | # | Name | Criteria | Description | (1) | SLSN1 | spectroscopically confirmed SLSN | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | |
| (1) | SLSN1 | spectroscopically confirmed 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 (CC D) | 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] | | | | | | | | | |

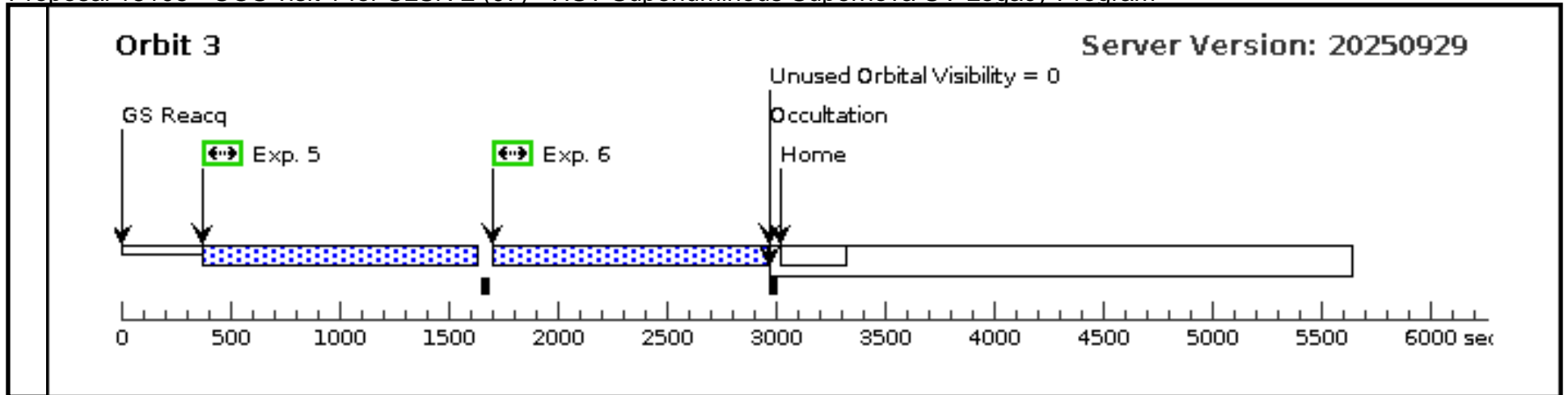


Proposal 18105 - COS visit 1 for SLSN 2 (07) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

| Visit | Proposal 18105, COS visit 1 for SLSN 2 (07), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: ON HOLD ; TOO RESPONSE TIME 5.0D <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------------|-------------------------|-----------------|---|---------------|--------|--|-------|---|-------|--------|----------------------|---------------|--------------|---------------|----------------------------------|---------------------------------|-------|---|-----------------|-----------|-------------------------|---------|--|--|--|----------------------------|-----|---|-----------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|-----------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|-----------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|-----------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|-----------------------|-----------|------------------------|-----------------|---|--|--|--|-----|
| | Diagnosics (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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (2) | SLSN2 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| # | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposures | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

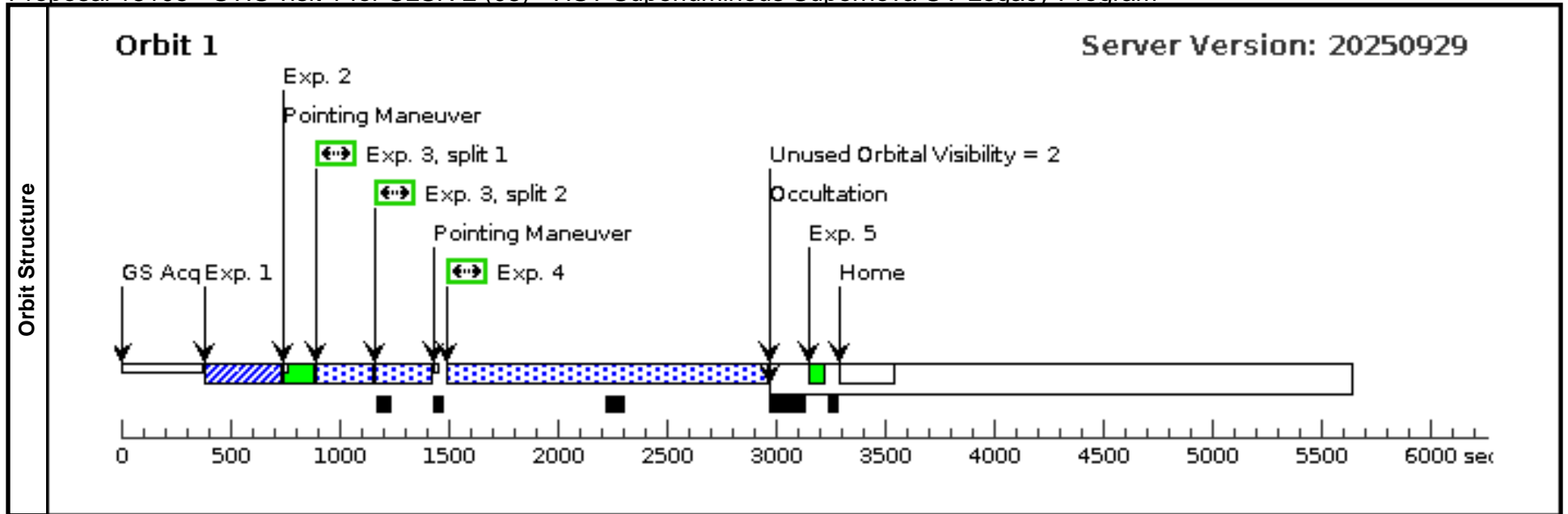




Proposal 18105 - STIS visit 1 for SLSN 2 (08) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

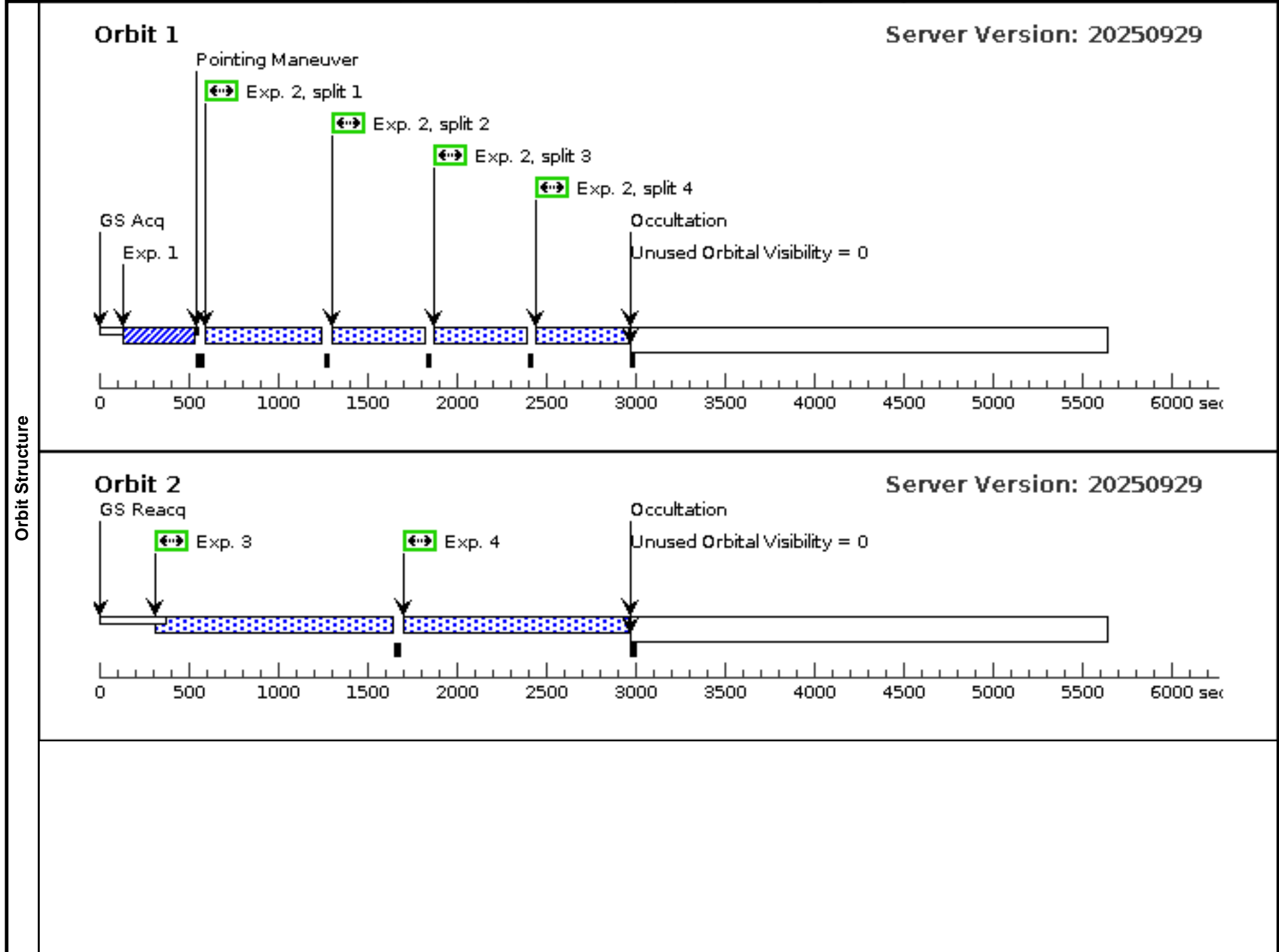
| Visit | Proposal 18105, STIS visit 1 for SLSN 2 (08), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 08,07 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|----------------------------------|---------------------------------|---------------------------|--------------------------------|--------------|---------------|--|---------------------------------|-------|---|-------|----------|----------------------|---------------|--------------|----------------------------------|--------|---------------------------------|-------|---|------------------|-----------|-------------------------|--------|--|--|--|-------------------|--|--|--|--|--|--|--|--|--|-------|-----|---|----------------|------|-------------------------|-----------------|--|--|--|-------|-----|---|-----------------|-----------|---------------------------|-----------------|------------|--|--|---------------------|--|--|--|--|--|--|--|--|--|--|-----|---|------------|-----------|---------------------------------|-----------------|--------------------------------|--|--|-----------------------|--|--|--|--|--|--|--|--|--|-------------------|-----|---|----------------|------|------------------------------|-----------------|--|--|--|-------|-----|
| | (UV spectra (08.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (2) | SLSN2 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>STIS acquisition</td> <td>(2) SLSN2</td> <td>STIS/CCD, ACQ, F28X50LP</td> <td>MIRROR</td> <td></td> <td></td> <td></td> <td>30 Secs (30 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>wavecal (CC D)</td> <td>WAVE</td> <td>STIS/CCD, ACCUM, 52X0.2</td> <td>G430L 4300 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>optical spectra</td> <td>(2) SLSN2</td> <td>STIS/CCD, ACCUM, 52X0.2E1</td> <td>G430L 4300 A</td> <td>WAVECAL=NO</td> <td></td> <td></td> <td>200 Secs (448 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>224.0 Secs (Split 1)] [==>224.0 Secs (Split 2)]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>UV spectra</td> <td>(2) SLSN2</td> <td>STIS/NUV-MAMA, TIME-TAG, 52X0.2</td> <td>G230L 2376 A</td> <td>BUFFER-TIME=600; WAVECAL=NO</td> <td></td> <td></td> <td>1200 Secs (1324 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>1324.0 Secs]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>wavecal (MAMA)</td> <td>WAVE</td> <td>STIS/NUV-MAMA, ACCUM, 52X0.2</td> <td>G230L 2376 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> </tbody> </table> | | | | | | | | | | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit | 1 | STIS acquisition | (2) SLSN2 | STIS/CCD, ACQ, F28X50LP | MIRROR | | | | 30 Secs (30 Secs) | | | | | | | | | | [==>] | [1] | 2 | wavecal (CC D) | 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] |
| | # | 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 (CC D) | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

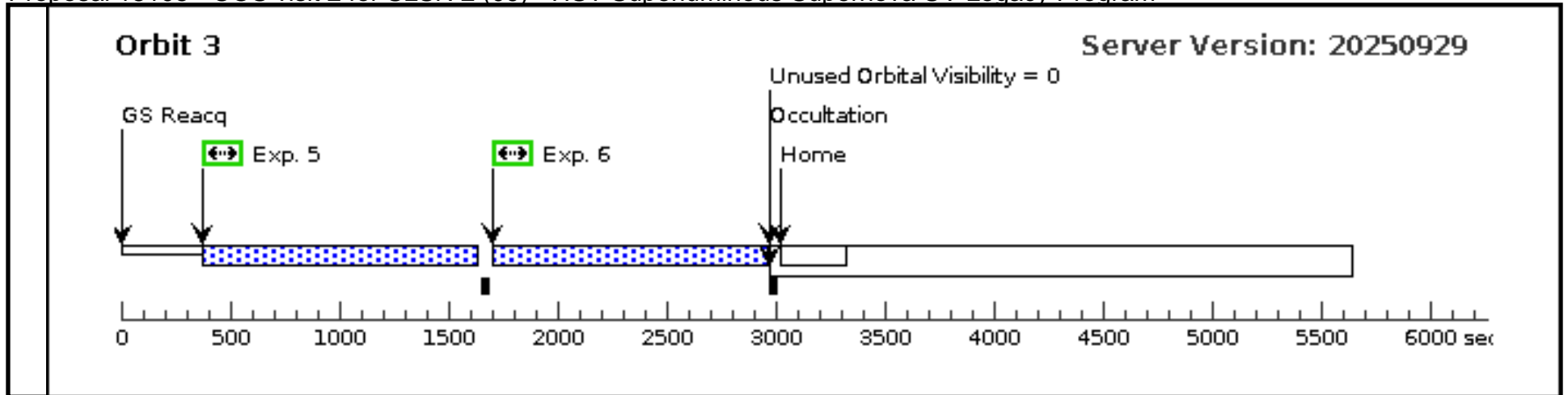


Proposal 18105 - COS visit 2 for SLSN 2 (09) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

| Visit | Proposal 18105, COS visit 2 for SLSN 2 (09), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: AFTER 07 BY 21 D TO 28 D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------------------------|-----------|-------------------------|-----------------|---|---------------|--------|--|-------|---|------|----------|-------------|-----|-------|----------------------------------|--|--|--|--|--|
| | (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. | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | |
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| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | |
| (2) | SLSN2 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | |
| <i>Comments: Disruptive ToO of a nearby SLSN</i> | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 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] | | | | | | | | | | | | |

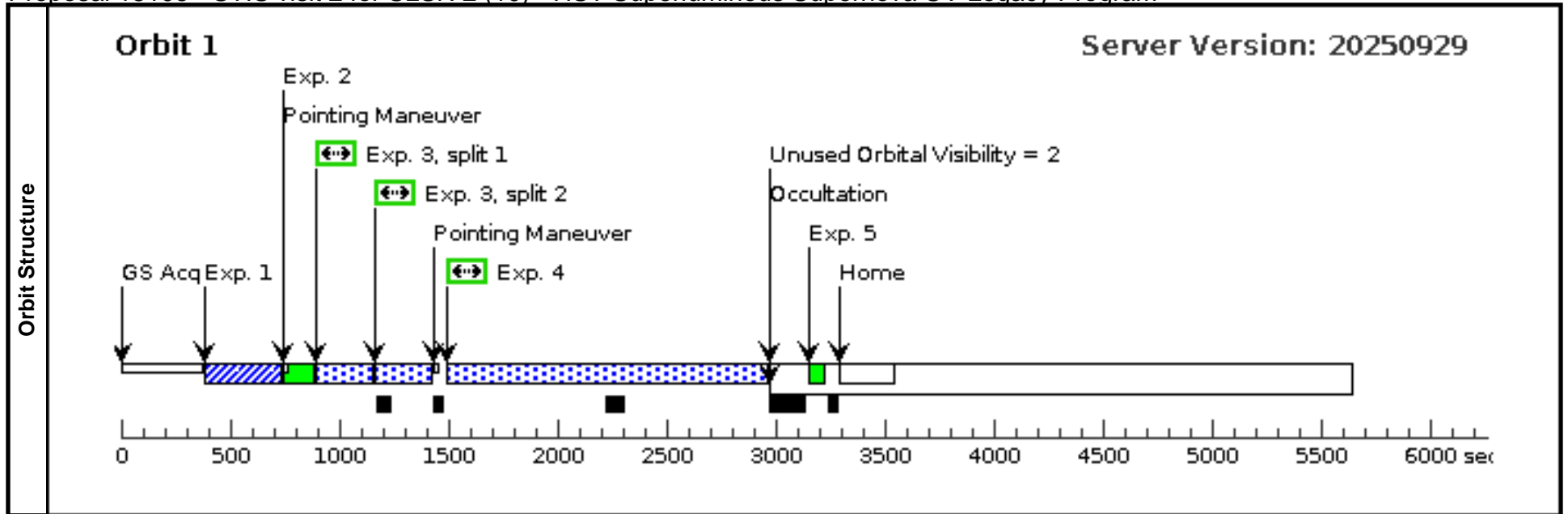




Proposal 18105 - STIS visit 2 for SLSN 2 (10) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

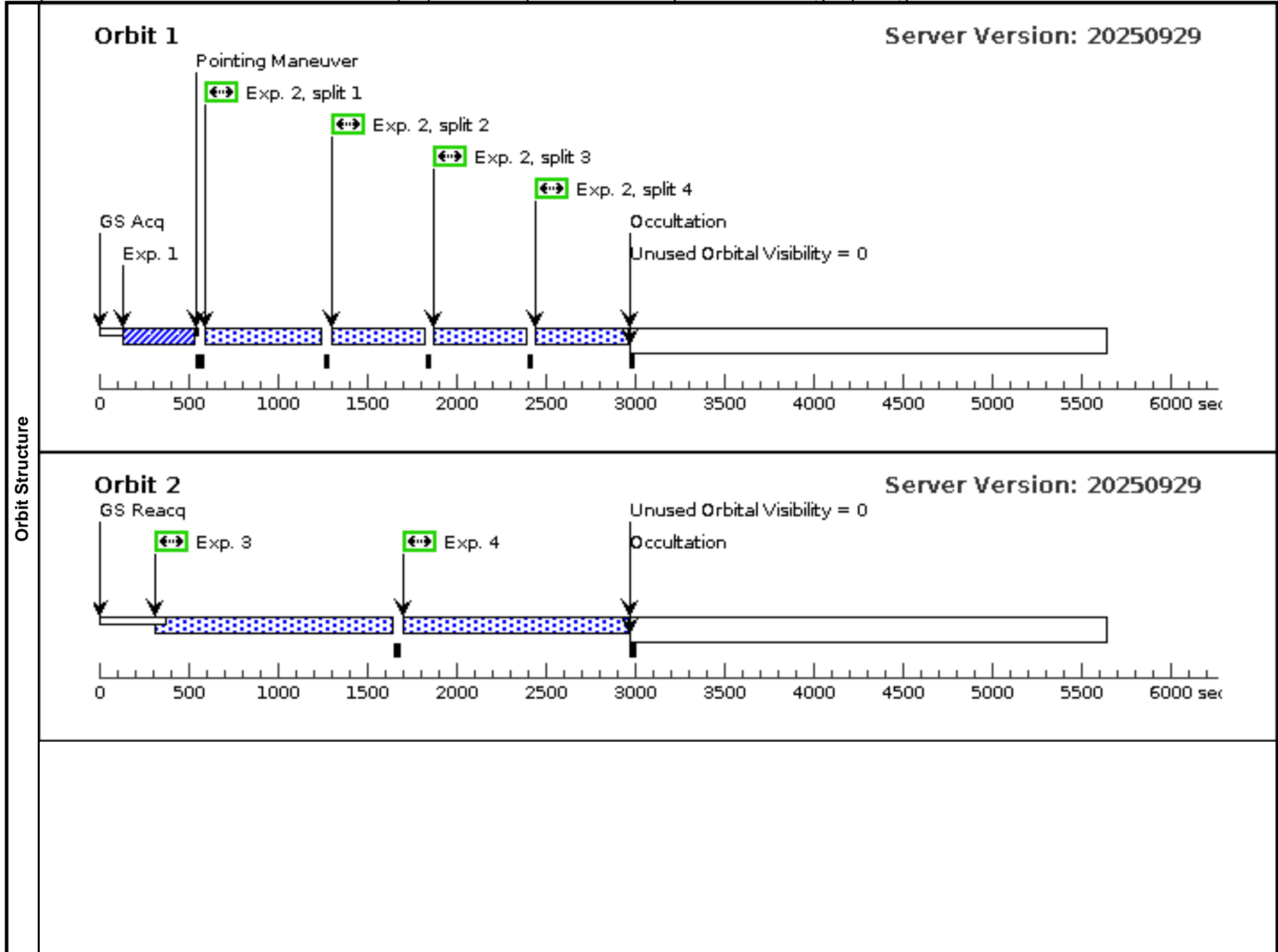
| Visit | Proposal 18105, STIS visit 2 for SLSN 2 (10), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 10,09 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | |
|------------------------|---|----------------------------------|---------------------------------|---------------------------|-----------------|----------------|---------------|-----------------------|--|-------|---|------|----------|-------------|-----|-------|----------------------------------|--|
| | (UV spectra (10.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
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| | # | Name | Criteria | Description | | | | | | | | | | | | | | |
| (2) | SLSN2 | spectroscopically confirmed 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 (CC D) | 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 | 0; | BUFFER-TIME=60 | | 1200 Secs (1324 Secs) | | | | | | | | | | |
| | | | | | | WAVECAL=NO | | [==>1324.0 Secs] | [1] | | | | | | | | | |
| 5 | wavecal (MAMA) | WAVE | STIS/NUV-MAMA, ACCUM, 52X0.2 | G230L 2376 A | | | | [==>] | [1] | | | | | | | | | |

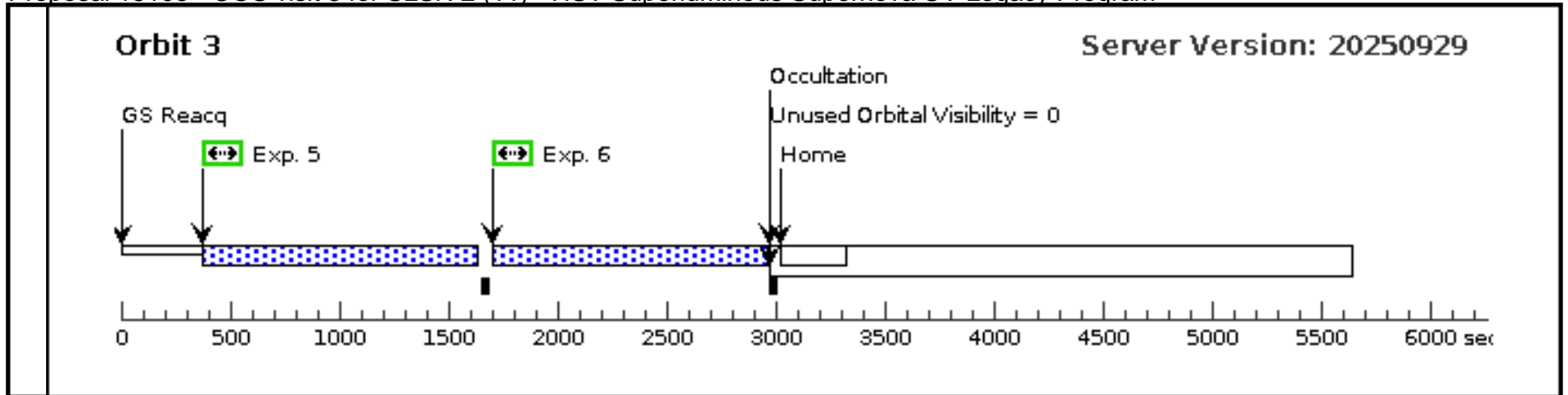


Proposal 18105 - COS visit 3 for SLSN 2 (11) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

| Visit | Proposal 18105, COS visit 3 for SLSN 2 (11), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: AFTER 07 BY 40 D TO 60 D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------------------------|------------------------|-------------------------|---|---|---------------|--|--|-------|---|-------|----------|----------------------|---------------|--------------|----------------------------------|--------|--|-------|---|------------------------|-----------|-------------------------|---------|--|--|--|----------------------------|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|
| | (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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (2) | SLSN2 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Comments: Disruptive ToO of a nearby SLSN</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>COS acquisition SLSN 1</td> <td>(2) SLSN2</td> <td>COS/NUV, ACQ/IMAGE, PSA</td> <td>MIRRORB</td> <td></td> <td></td> <td></td> <td>45 Secs (45 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>COS spectra SLSN 1 (orbit 1)</td> <td>(2) SLSN2</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL</td> <td></td> <td></td> <td>400 Secs (1868 Secs) [==>467.0 Secs (Split 1)] [==>467.0 Secs (Split 2)] [==>467.0 Secs (Split 3)] [==>467.0 Secs (Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>COS spectra SLSN 1 (orbit 2)</td> <td>(2) SLSN2</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=1</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>4</td> <td>COS spectra SLSN 1 (orbit 3)</td> <td>(2) SLSN2</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=2</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>5</td> <td>COS spectra SLSN 1 (orbit 2)</td> <td>(2) SLSN2</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=3</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[3]</td> </tr> <tr> <td>6</td> <td>COS spectra SLSN 1 (orbit 3)</td> <td>(2) SLSN2</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=4</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[3]</td> </tr> </tbody> </table> | | | | | | | | | | # | 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] |
| | # | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

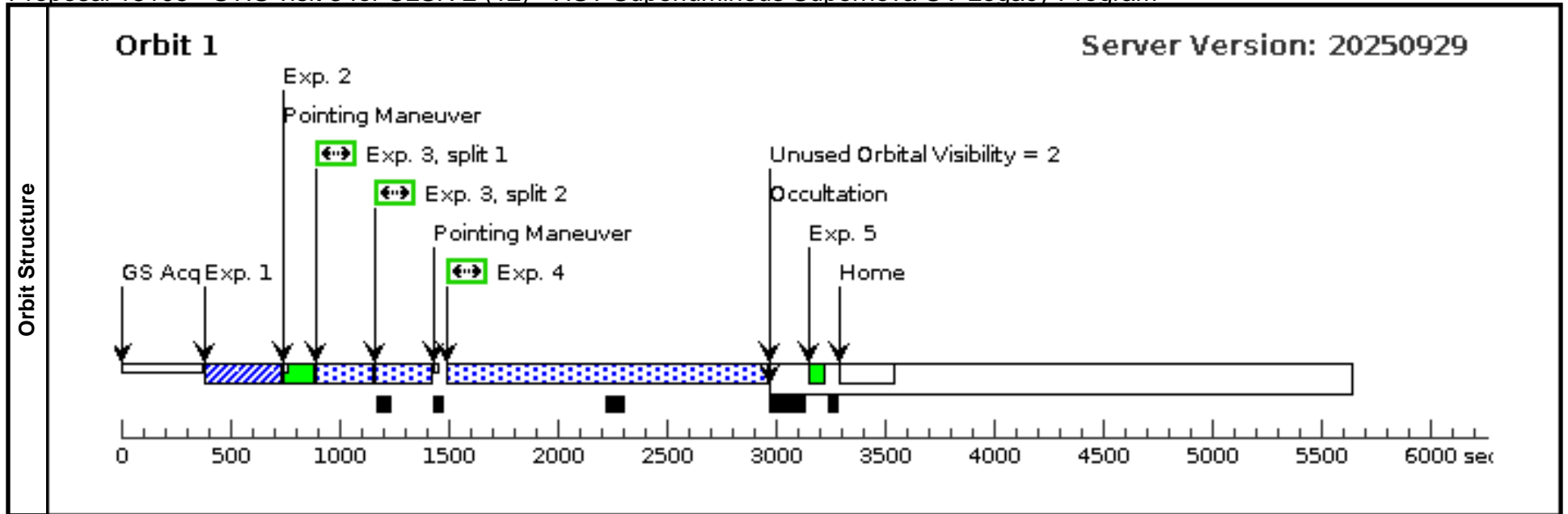




Proposal 18105 - STIS visit 3 for SLSN 2 (12) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

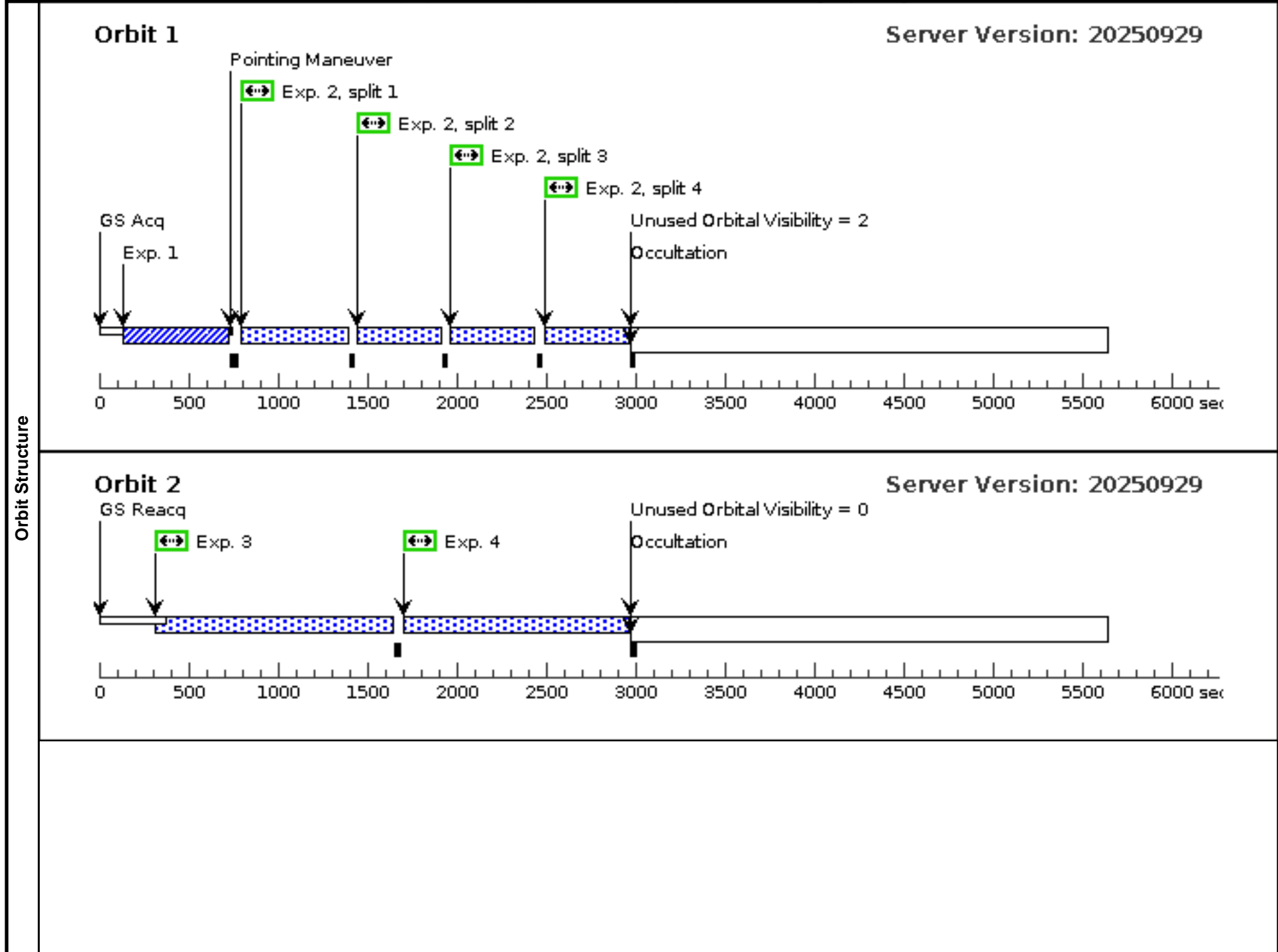
| Visit | Proposal 18105, STIS visit 3 for SLSN 2 (12), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 12,11 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|----------------------------------|------------------------------|---------------------------------|-----------------|--------------------------------|---------------|--------|---|-------|----------|----------------------|---------------|--------------|----------------------------------|--------|---------------------------------|-------|---|-------------------------|-----------|-------------------------|--------|--|--|--|----------------------------|-----|---|----------------|------|-------------------------|-----------------|--|--|--|-------|-----|---|-----------------|-----------|---------------------------|-----------------|------------|--|--|---|-----|---|------------|-----------|---------------------------------|-----------------|--------------------------------|--|--|--|-----|---|----------------|------|------------------------------|-----------------|--|--|--|-------|-----|
| | (UV spectra (12.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>SLSN2</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> </tbody> </table> Comments: Disruptive ToO of a nearby SLSN | | | | | | | | # | Name | Criteria | Description | (2) | SLSN2 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (2) | SLSN2 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>STIS acquisition SLSN 1</td> <td>(2) SLSN2</td> <td>STIS/CCD, ACQ, F28X50LP</td> <td>MIRROR</td> <td></td> <td></td> <td></td> <td>30 Secs (30 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>wavecal (CC D)</td> <td>WAVE</td> <td>STIS/CCD, ACCUM, 52X0.2</td> <td>G430L 4300 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>optical spectra</td> <td>(2) SLSN2</td> <td>STIS/CCD, ACCUM, 52X0.2E1</td> <td>G430L 4300 A</td> <td>WAVECAL=NO</td> <td></td> <td></td> <td>200 Secs (448 Secs) [==>224.0 Secs (Split 1)] [==>224.0 Secs (Split 2)]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>UV spectra</td> <td>(2) SLSN2</td> <td>STIS/NUV-MAMA, TIME-TAG, 52X0.2</td> <td>G230L 2376 A</td> <td>BUFFER-TIME=600; WAVECAL=NO</td> <td></td> <td></td> <td>1200 Secs (1324 Secs) [==>1324.0 Secs]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>wavecal (MAMA)</td> <td>WAVE</td> <td>STIS/NUV-MAMA, ACCUM, 52X0.2</td> <td>G230L 2376 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> </tbody> </table> | | | | | | | | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit | 1 | STIS acquisition SLSN 1 | (2) SLSN2 | STIS/CCD, ACQ, F28X50LP | MIRROR | | | | 30 Secs (30 Secs) [==>] | [1] | 2 | wavecal (CC D) | 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] |
| | # | 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 (CC D) | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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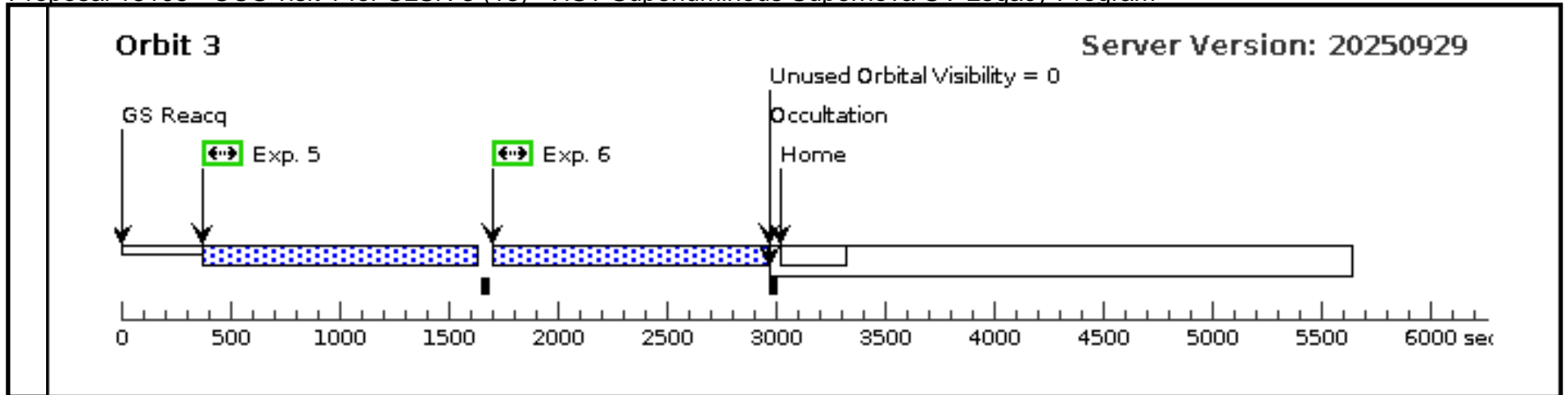


Proposal 18105 - COS visit 1 for SLSN 3 (13) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

| Visit | Proposal 18105, COS visit 1 for SLSN 3 (13), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: ON HOLD ; TOO RESPONSE TIME 21.0D <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---|--------------------------|---|---------------|-----------------|--|--|--|---|---------------|-----------------------|---|-------|---|--|----------------|-------------------------|---------|--|--|--|------------------------------|-----|---|--|----------------|------------------------|-----------------|---|--|--|--|-----|---|--|----------------|------------------------|-----------------|---|--|--|--|-----|---|--|----------------|------------------------|-----------------|---|--|--|--|-----|---|--|----------------|------------------------|-----------------|---|--|--|--|-----|---|--|----------------|------------------------|-----------------|---|--|--|--|-----|
| | (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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(7)</td> <td>SN2025AFCR Alt Name1: ZTF25ACEMAPH</td> <td>RA: 12 38 41.7740 (189.6740583d) Dec: +07 36 37.68 (7.61047d) Equinox: J2000</td> <td>Proper Motion RA: 0 arcsec/yr Proper Motion Dec: 0 arcsec/yr</td> <td>V=17.8+/-0.5</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> | # | 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 | <i>Comments:</i> Category=EXT-STAR Description=[SUPERNOVA] Extended=NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>COS acquisition SLSN 1 (COS.sa.224 7116)</td> <td>(7) SN2025AFCR</td> <td>COS/NUV, ACQ/IMAGE, PSA</td> <td>MIRRORB</td> <td></td> <td></td> <td></td> <td>141 Secs (141 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>COS spectra SLSN 1 (orbit 1) (COS.sp.224 7114)</td> <td>(7) SN2025AFCR</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=8000; FP-POS=ALL</td> <td></td> <td></td> <td>400 Secs (1672 Secs) [==>418.0 Secs (Split 1)] [==>418.0 Secs (Split 2)] [==>418.0 Secs (Split 3)] [==>418.0 Secs (Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>COS spectra SLSN 1 (orbit 2) (COS.sp.224 7114)</td> <td>(7) SN2025AFCR</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=8000; FP-POS=1</td> <td></td> <td></td> <td>1000 Secs (1209 Secs) [==>1209.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>4</td> <td>COS spectra SLSN 1 (orbit 3) (COS.sp.224 7114)</td> <td>(7) SN2025AFCR</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=8000; FP-POS=2</td> <td></td> <td></td> <td>1000 Secs (1209 Secs) [==>1209.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>5</td> <td>COS spectra SLSN 1 (orbit 2) (COS.sp.224 7114)</td> <td>(7) SN2025AFCR</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=8000; FP-POS=3</td> <td></td> <td></td> <td>1000 Secs (1209 Secs) [==>1209.0 Secs]</td> <td>[3]</td> </tr> <tr> <td>6</td> <td>COS spectra SLSN 1 (orbit 3) (COS.sp.224 7114)</td> <td>(7) SN2025AFCR</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=8000; FP-POS=4</td> <td></td> <td></td> <td>1000 Secs (1209 Secs) [==>1209.0 Secs]</td> <td>[3]</td> </tr> </tbody> </table> | | | | | | # | 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.224 7116) | (7) SN2025AFCR | COS/NUV, ACQ/IMAGE, PSA | MIRRORB | | | | 141 Secs (141 Secs) [==>] | [1] | 2 | COS spectra SLSN 1 (orbit 1) (COS.sp.224 7114) | (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.224 7114) | (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.224 7114) | (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.224 7114) | (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.224 7114) | (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] |
| # | 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.224 7116) | (7) SN2025AFCR | COS/NUV, ACQ/IMAGE, PSA | MIRRORB | | | | 141 Secs (141 Secs) [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | COS spectra SLSN 1 (orbit 1) (COS.sp.224 7114) | (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.224 7114) | (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.224 7114) | (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.224 7114) | (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.224 7114) | (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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

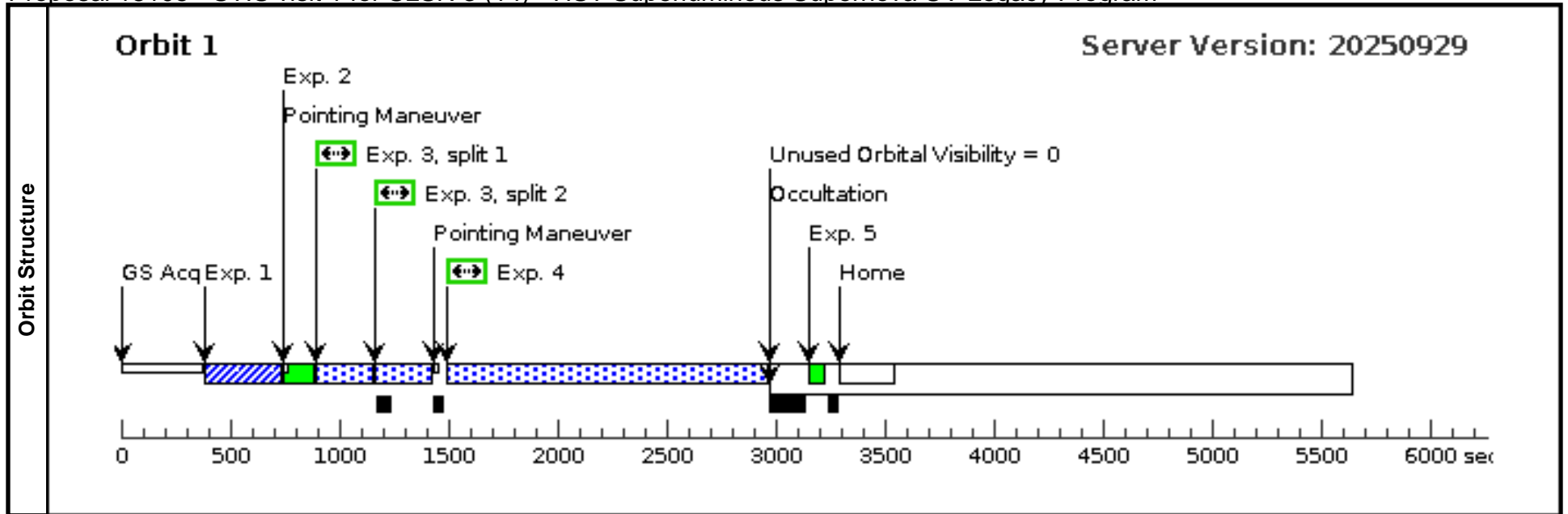




Proposal 18105 - STIS visit 1 for SLSN 3 (14) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

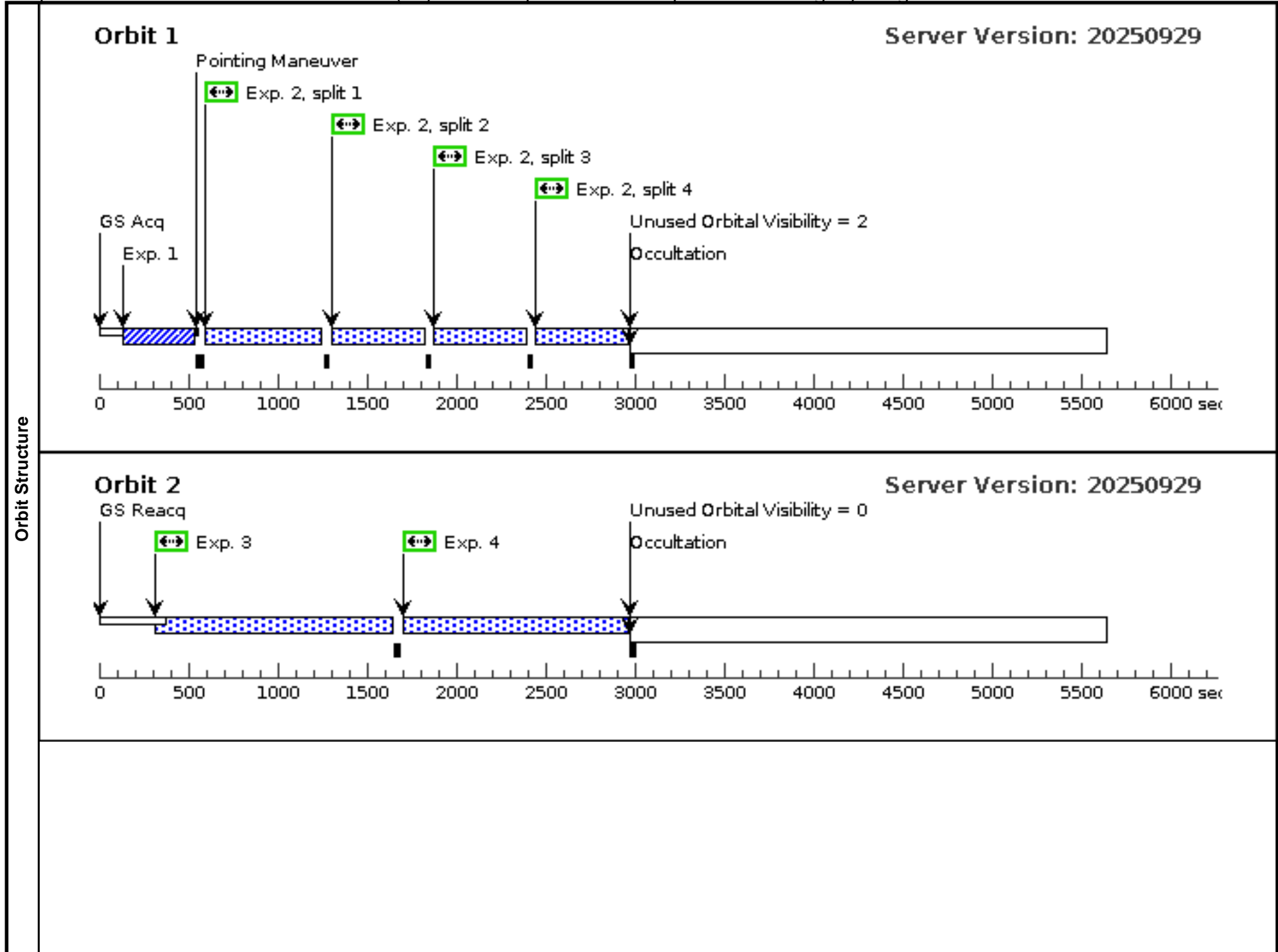
| Visit | Proposal 18105, STIS visit 1 for SLSN 3 (14), implementation Diagnostic Status: No Diagnostics Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 14,13 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|---|---------------------------------|-----------------------|---------------------------------|---------------|---------------|---|--|--|---|--|-----------------------|---|--------|--|--|--|----------------------------|-----|---|---------------------|--|-------------------------|-----------------|--|--|--|-------|-----|---|-----------------|----------------|---------------------------|-----------------|------------|--|--|---|-----|---|-------------------------------|----------------|---------------------------------|-----------------|---------------------------------|--|--|--|-----|---|-----------------|------|------------------------------|-----------------|--|--|--|-------|-----|
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| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <i>Comments:</i> Category=EXT-STAR Description=[SUPERNOVA] Extended=NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>STIS acquisition SLSN 1 (STIS.ta.224 7117)</td> <td>(7) SN2025AFCR</td> <td>STIS/CCD, ACQ, F28X50LP</td> <td>MIRROR</td> <td></td> <td></td> <td></td> <td>30 Secs (30 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>wavecal (CC WAVE D)</td> <td></td> <td>STIS/CCD, ACCUM, 52X0.2</td> <td>G430L 4300 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>optical spectra</td> <td>(7) SN2025AFCR</td> <td>STIS/CCD, ACCUM, 52X0.2E1</td> <td>G430L 4300 A</td> <td>WAVECAL=NO</td> <td></td> <td></td> <td>200 Secs (448 Secs) [==>224.0 Secs (Split 1)] [==>224.0 Secs (Split 2)]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>UV spectra (STIS.sp.22 47115)</td> <td>(7) SN2025AFCR</td> <td>STIS/NUV-MAMA, TIME-TAG, 52X0.2</td> <td>G230L 2376 A</td> <td>BUFFER-TIME=1800; WAVECAL=NO</td> <td></td> <td></td> <td>1200 Secs (1324 Secs) [==>1324.0 Secs]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>wavecal (M AMA)</td> <td>WAVE</td> <td>STIS/NUV-MAMA, ACCUM, 52X0.2</td> <td>G230L 2376 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> </tbody> </table> | # | 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.224 7117) | (7) SN2025AFCR | STIS/CCD, ACQ, F28X50LP | MIRROR | | | | 30 Secs (30 Secs) [==>] | [1] | 2 | wavecal (CC WAVE D) | | 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.22 47115) | (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 (M AMA) | WAVE | STIS/NUV-MAMA, ACCUM, 52X0.2 | G230L 2376 A | | | | [==>] | [1] |
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| | 1 | STIS acquisition SLSN 1 (STIS.ta.224 7117) | (7) SN2025AFCR | STIS/CCD, ACQ, F28X50LP | MIRROR | | | | 30 Secs (30 Secs) [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | wavecal (CC WAVE D) | | 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.22 47115) | (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 (M AMA) | WAVE | STIS/NUV-MAMA, ACCUM, 52X0.2 | G230L 2376 A | | | | [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

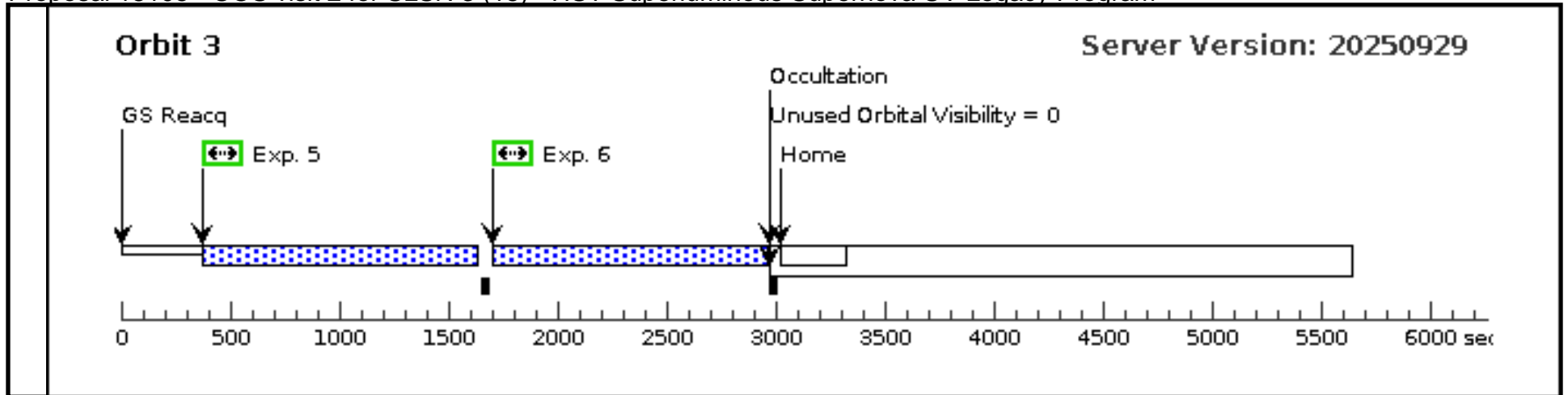


Proposal 18105 - COS visit 2 for SLSN 3 (15) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

| Visit | Proposal 18105, COS visit 2 for SLSN 3 (15), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: AFTER 13 BY 7 D TO 21 D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|---|--|--------------------------------|--------------------------|---|---|---------------|--|--|----------------------------------|-------------------------------|--------------|--|----------------|----------------------------|------------------------------|--------------------------------|--|--|----------------------------|--|---|--|----------------|------------------------|-----------------|---|--|--|--|-----|---|--|----------------|------------------------|-----------------|---|--|--|--|-----|---|--|----------------|------------------------|-----------------|---|--|--|--|-----|---|--|----------------|------------------------|-----------------|---|--|--|--|-----|---|--|----------------|------------------------|-----------------|---|--|--|--|-----|--|--|--|--|--|
| | (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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (7) | SN2025AFCR | RA: 12 38 41.7740 (189.6740583d) | Proper Motion RA: 0 arcsec/yr | V=17.8+/-0.5 | Reference Frame: ICRS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Alt Name1: ZTF25ACEMAPH | Dec: +07 36 37.68 (7.61047d) | Proper Motion Dec: 0 arcsec/yr | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Equinox: J2000 Comments: Category=EXT-STAR Description=[SUPERNOVA] Extended=NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label (ETC Run)</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>COS acquisition SLSN 1 (COS.sa.224 7116)</td> <td>(7) SN2025AFCR</td> <td>COS/NUV, ACQ/IMAGE, PSA</td> <td>MIRRORB</td> <td></td> <td></td> <td></td> <td>45 Secs (45 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>COS spectra SLSN 1 (orbit 1) (COS.sp.224 7114)</td> <td>(7) SN2025AFCR</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=8000; FP-POS=ALL</td> <td></td> <td></td> <td>400 Secs (1864 Secs) [==>466.0 Secs (Split 1)] [==>466.0 Secs (Split 2)] [==>466.0 Secs (Split 3)] [==>466.0 Secs (Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>COS spectra SLSN 1 (orbit 2) (COS.sp.224 7114)</td> <td>(7) SN2025AFCR</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=8000; FP-POS=1</td> <td></td> <td></td> <td>1000 Secs (1209 Secs) [==>1209.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>4</td> <td>COS spectra SLSN 1 (orbit 3) (COS.sp.224 7114)</td> <td>(7) SN2025AFCR</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=8000; FP-POS=2</td> <td></td> <td></td> <td>1000 Secs (1209 Secs) [==>1209.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>5</td> <td>COS spectra SLSN 1 (orbit 2) (COS.sp.224 7114)</td> <td>(7) SN2025AFCR</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=8000; FP-POS=3</td> <td></td> <td></td> <td>1000 Secs (1209 Secs) [==>1209.0 Secs]</td> <td>[3]</td> </tr> <tr> <td>6</td> <td>COS spectra SLSN 1 (orbit 3) (COS.sp.224 7114)</td> <td>(7) SN2025AFCR</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=8000; FP-POS=4</td> <td></td> <td></td> <td>1000 Secs (1209 Secs) [==>1209.0 Secs]</td> <td>[3]</td> </tr> </tbody> </table> | # | 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.224 7116) | (7) SN2025AFCR | COS/NUV, ACQ/IMAGE, PSA | MIRRORB | | | | 45 Secs (45 Secs) [==>] | [1] | 2 | COS spectra SLSN 1 (orbit 1) (COS.sp.224 7114) | (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.224 7114) | (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.224 7114) | (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.224 7114) | (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.224 7114) | (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] | | | | | |
| | # | 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.224 7116) | (7) SN2025AFCR | COS/NUV, ACQ/IMAGE, PSA | MIRRORB | | | | 45 Secs (45 Secs) [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | COS spectra SLSN 1 (orbit 1) (COS.sp.224 7114) | (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.224 7114) | (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.224 7114) | (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.224 7114) | (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.224 7114) | (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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

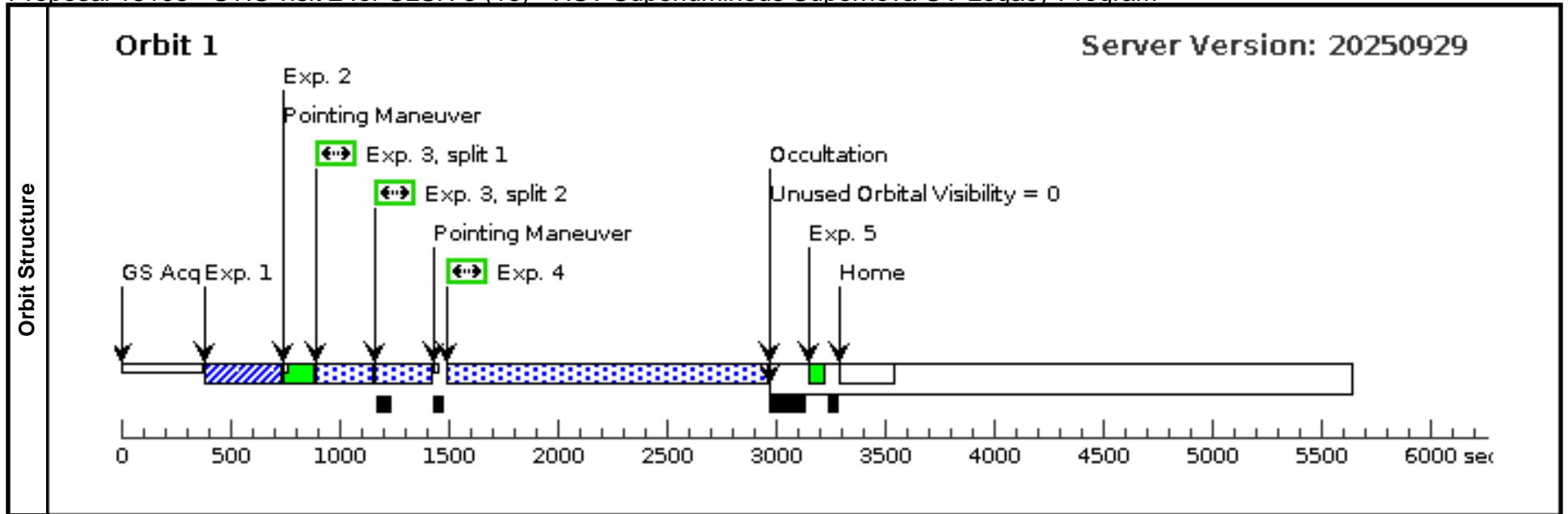




Proposal 18105 - STIS visit 2 for SLSN 3 (16) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

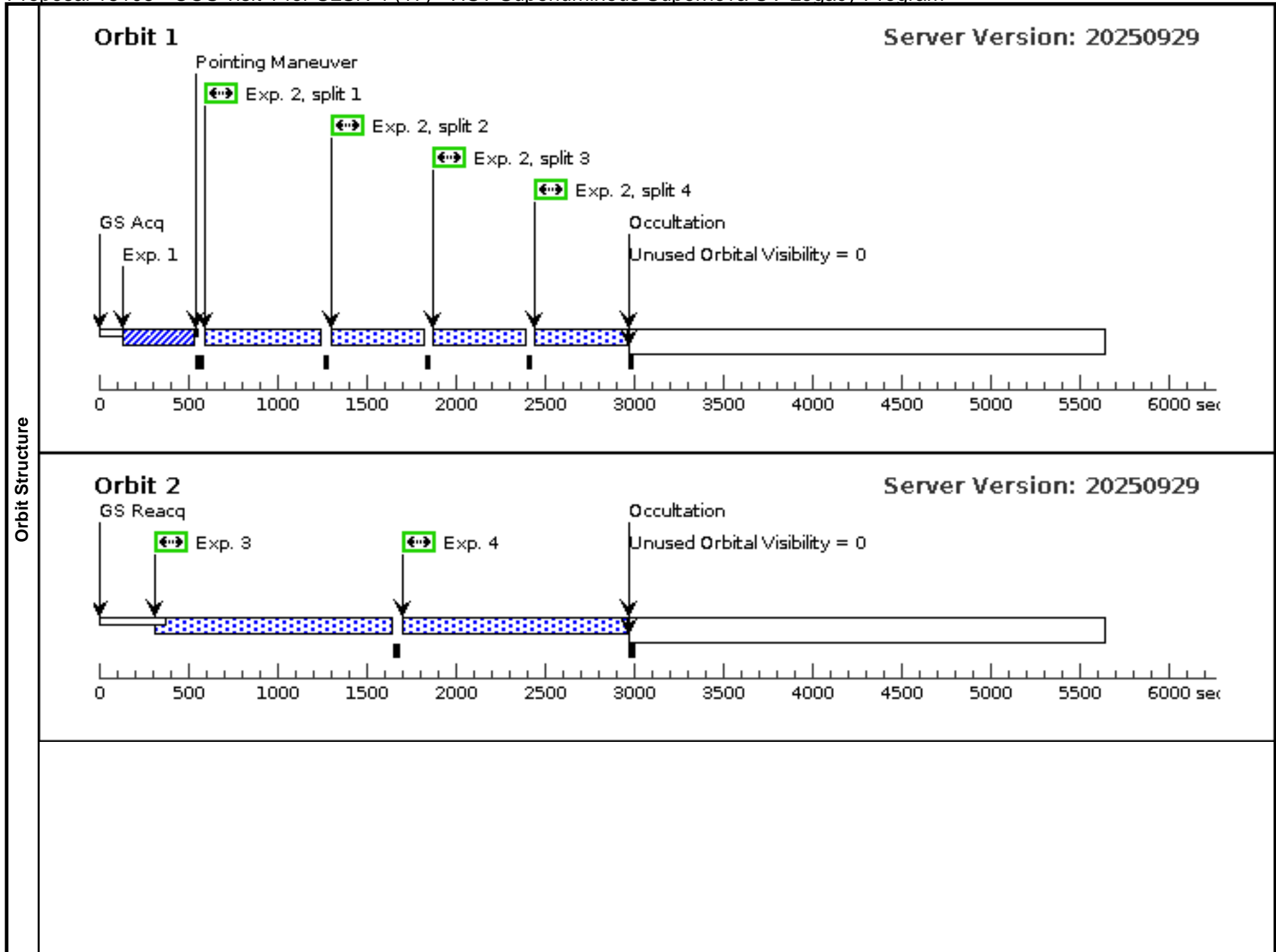
| Visit | Proposal 18105, STIS visit 2 for SLSN 3 (16), implementation Diagnostic Status: No Diagnostics Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 16,15 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--|---|---|---------------------------------|-----------------------|--------------------------|---------------------------------|---------------|---|------------|--|---|--------------|-----------------------|------------------|--|--|--|--|--|--------------------------|--|--|--|--|--|--------------------------------|--|--|--|--|--|--------------------|--|--|--|--|
| | Fixed Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(7)</td> <td>SN2025AFCR</td> <td>RA: 12 38 41.7740 (189.6740583d) Dec: +07 36 37.68 (7.61047d) Equinox: J2000</td> <td>Proper Motion RA: 0 arcsec/yr Proper Motion Dec: 0 arcsec/yr</td> <td>V=17.8+/-0.5</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"><i>Comments:</i></td> </tr> <tr> <td colspan="6"><i>Category=EXT-STAR</i></td> </tr> <tr> <td colspan="6"><i>Description=[SUPERNOVA]</i></td> </tr> <tr> <td colspan="6"><i>Extended=NO</i></td> </tr> </tbody> </table> | # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | (7) | SN2025AFCR | 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 | <i>Comments:</i> | | | | | | <i>Category=EXT-STAR</i> | | | | | | <i>Description=[SUPERNOVA]</i> | | | | | | <i>Extended=NO</i> | | | | |
| # | Name | Target Coordinates | Targ. Coord. Corrections | Fluxes | Miscellaneous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (7) | SN2025AFCR | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Comments:</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Category=EXT-STAR</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Description=[SUPERNOVA]</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Extended=NO</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 (CC D) | WAVE | STIS/CCD, ACCUM, 52X0.2 | G430L 4300 A | | | | [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | optical spect ra | (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.22 47115) | (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 (M AMA) | WAVE | STIS/NUV-MAMA, ACCUM, 52X0.2 | G230L 2376 A | | | | [==>] | [1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |

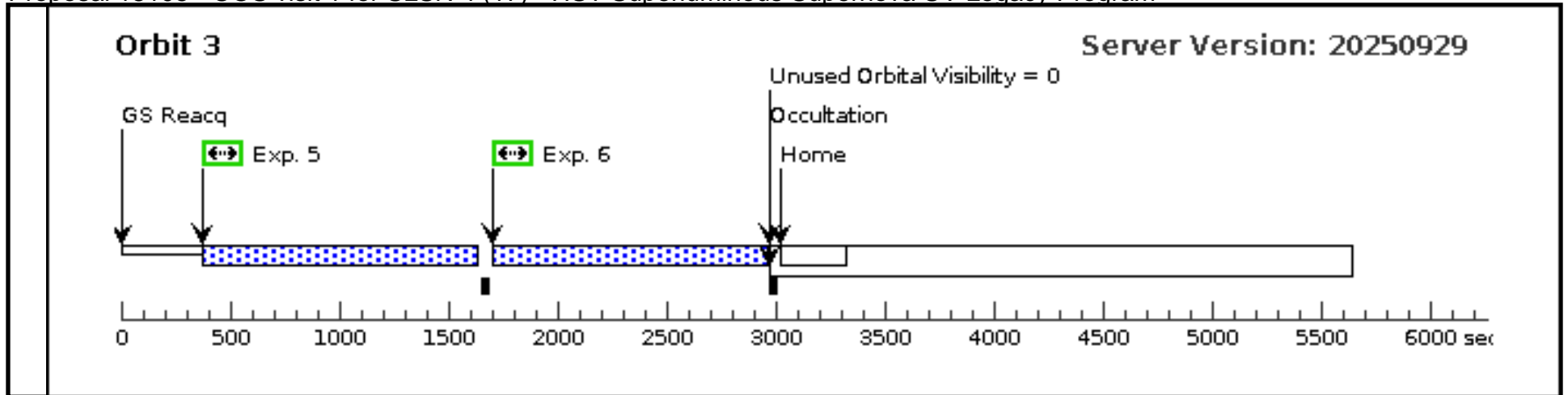


Proposal 18105 - COS visit 1 for SLSN 4 (17) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:48 GMT 2025

| Visit | Proposal 18105, COS visit 1 for SLSN 4 (17), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: ON HOLD ; TOO RESPONSE TIME 5.0D <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------------------------|-----------|-------------------------|-----------------|---|---------------|--------|--|-------|---|------|----------|-------------|-----|-------|----------------------------------|--|---|--|--|--|
| | (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. | | | | | | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(4)</td> <td>SLSN4</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> <tr> <td colspan="4"><i>Comments: non-disruptive ToO of a SLSN</i></td> </tr> </tbody> </table> | | | | | | | | | | # | Name | Criteria | Description | (4) | SLSN4 | spectroscopically confirmed SLSN | | <i>Comments: non-disruptive ToO of a SLSN</i> | | | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | |
| (4) | SLSN4 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | |
| <i>Comments: non-disruptive ToO of a SLSN</i> | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 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] | | | | | | | | | | | | |

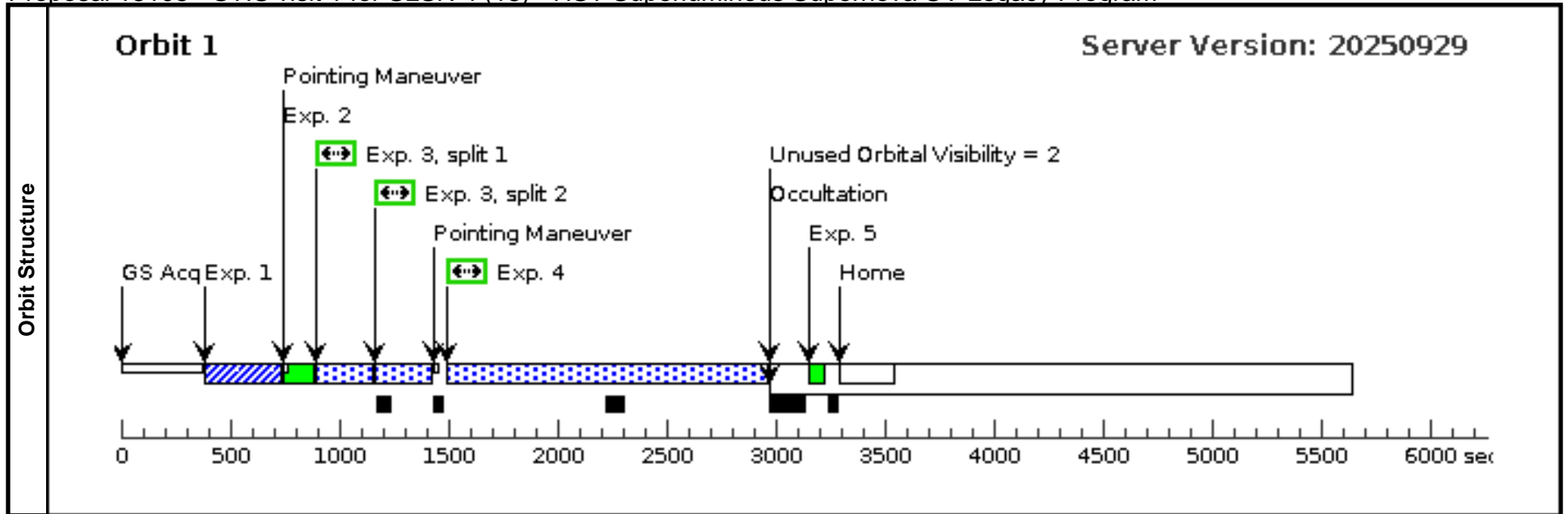




Proposal 18105 - STIS visit 1 for SLSN 4 (18) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:49 GMT 2025

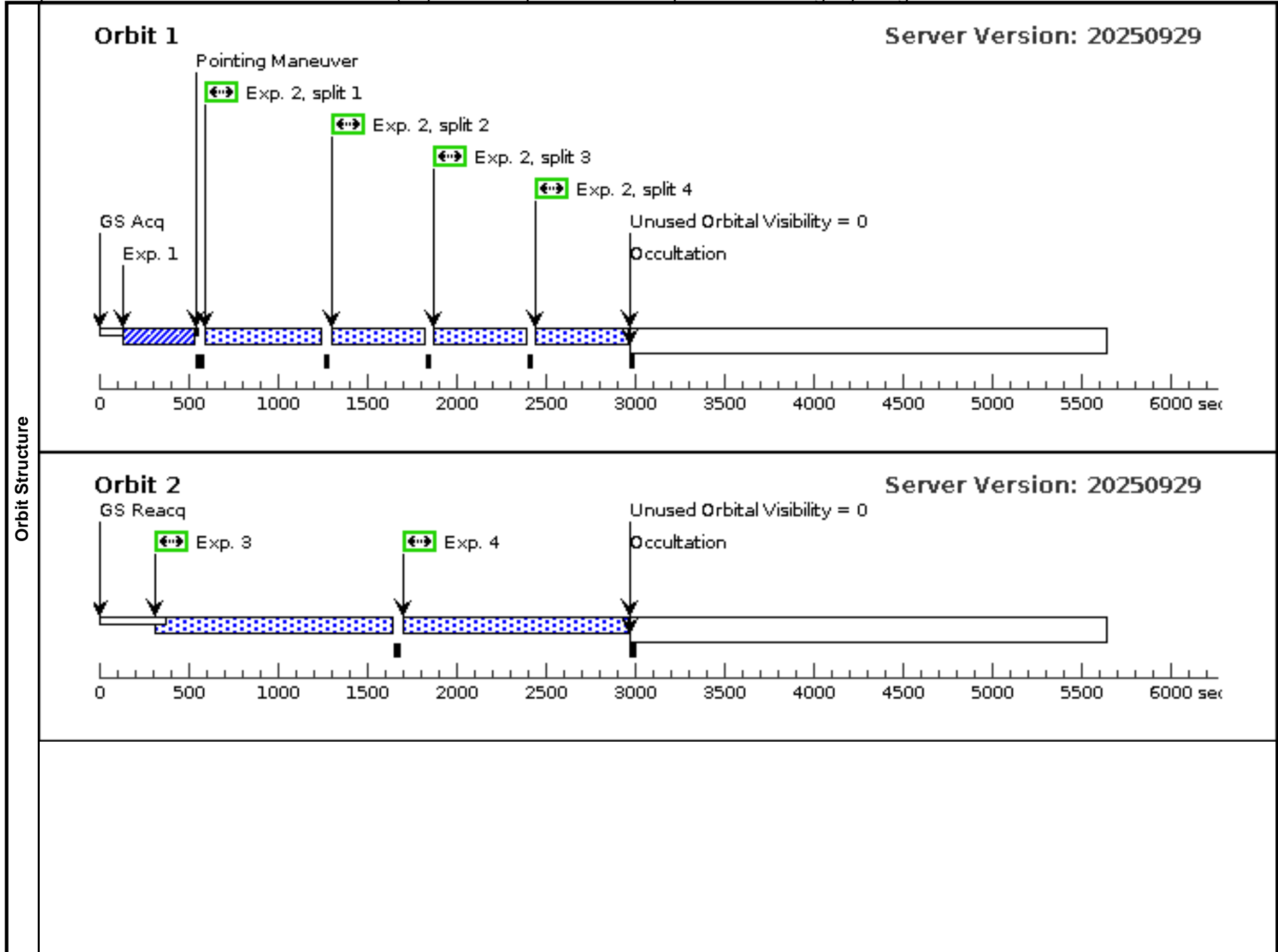
| Visit | Proposal 18105, STIS visit 1 for SLSN 4 (18), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 18,17 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|----------------------------------|---------------------------------|---------------------------|--------------------------------|--------------|---------------|--|---------------------------------|-------|---|-------|----------|----------------------|---------------|--------------|----------------------------------|--------|---------------------------------|-------|---|-------------------------|-----------|-------------------------|--------|--|--|--|-------------------|--|--|--|--|--|--|--|--|--|-------|-----|---|----------------|------|-------------------------|-----------------|--|--|--|-------|-----|---|-----------------|-----------|---------------------------|-----------------|------------|--|--|---------------------|--|--|--|--|--|--|--|--|--|--|-----|---|------------|-----------|---------------------------------|-----------------|--------------------------------|--|--|-----------------------|--|--|--|--|--|--|--|--|--|-------------------|-----|---|----------------|------|------------------------------|-----------------|--|--|--|-------|-----|
| | (UV spectra (18.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(4)</td> <td>SLSN4</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> </tbody> </table> Comments: non-disruptive ToO of a SLSN | | | | | | | | | | # | Name | Criteria | Description | (4) | SLSN4 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (4) | SLSN4 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>STIS acquisition SLSN 1</td> <td>(4) SLSN4</td> <td>STIS/CCD, ACQ, F28X50LP</td> <td>MIRROR</td> <td></td> <td></td> <td></td> <td>30 Secs (30 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>wavecal (CC D)</td> <td>WAVE</td> <td>STIS/CCD, ACCUM, 52X0.2</td> <td>G430L 4300 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>optical spectra</td> <td>(4) SLSN4</td> <td>STIS/CCD, ACCUM, 52X0.2E1</td> <td>G430L 4300 A</td> <td>WAVECAL=NO</td> <td></td> <td></td> <td>200 Secs (448 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>224.0 Secs (Split 1)] [==>224.0 Secs (Split 2)]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>UV spectra</td> <td>(4) SLSN4</td> <td>STIS/NUV-MAMA, TIME-TAG, 52X0.2</td> <td>G230L 2376 A</td> <td>BUFFER-TIME=600; WAVECAL=NO</td> <td></td> <td></td> <td>1200 Secs (1324 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>1324.0 Secs]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>wavecal (MAMA)</td> <td>WAVE</td> <td>STIS/NUV-MAMA, ACCUM, 52X0.2</td> <td>G230L 2376 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> </tbody> </table> | | | | | | | | | | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit | 1 | STIS acquisition SLSN 1 | (4) SLSN4 | STIS/CCD, ACQ, F28X50LP | MIRROR | | | | 30 Secs (30 Secs) | | | | | | | | | | [==>] | [1] | 2 | wavecal (CC D) | 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] |
| | # | 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 (CC D) | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

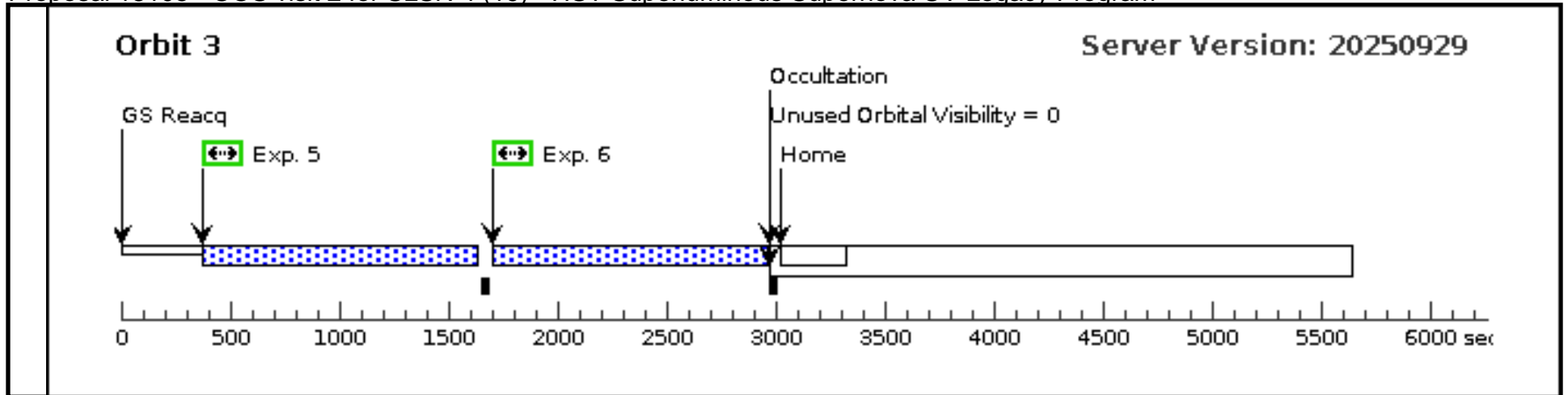


Proposal 18105 - COS visit 2 for SLSN 4 (19) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:49 GMT 2025

| Visit | Proposal 18105, COS visit 2 for SLSN 4 (19), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: AFTER 17 BY 21 D TO 28 D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | |
|------------------------|---|----------------------------------|-----------|-------------------------|-----------------|---|---------------|--------|--|-------|---|------|----------|-------------|-----|-------|----------------------------------|--|
| | (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. | | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(4)</td> <td>SLSN4</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> </tbody> </table> Comments: non-disruptive ToO of a SLSN | | | | | | | | | | # | Name | Criteria | Description | (4) | SLSN4 | spectroscopically confirmed SLSN | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | |
| (4) | SLSN4 | spectroscopically confirmed 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] | | | | | | | | |

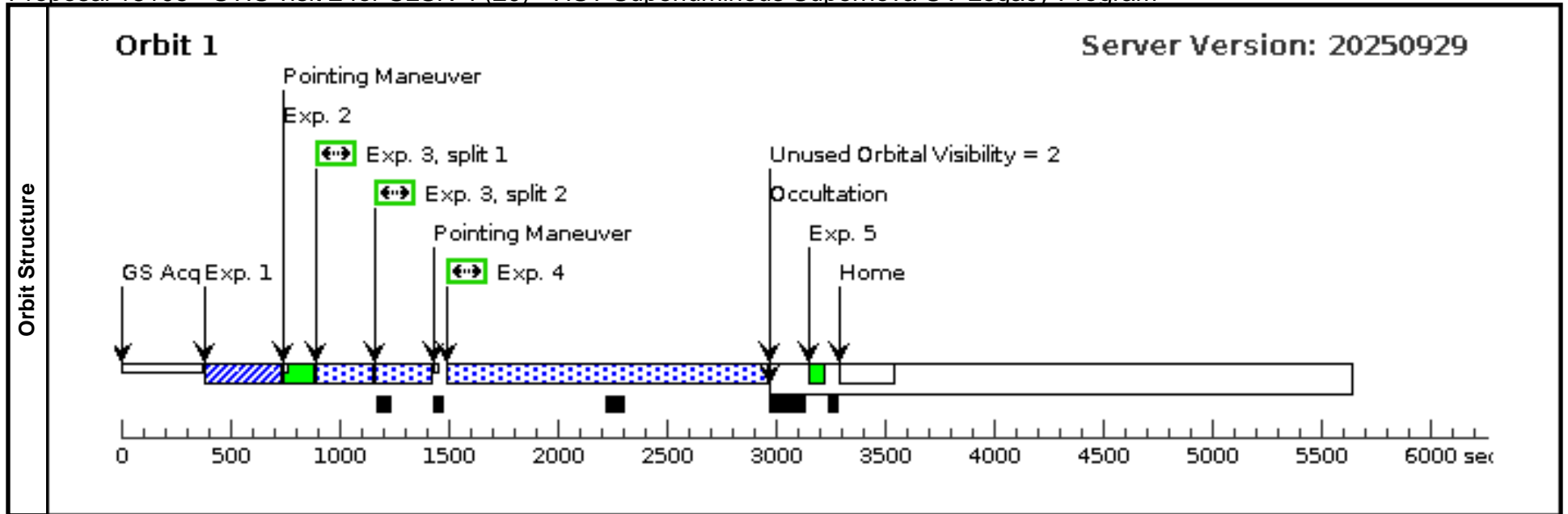




Proposal 18105 - STIS visit 2 for SLSN 4 (20) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:49 GMT 2025

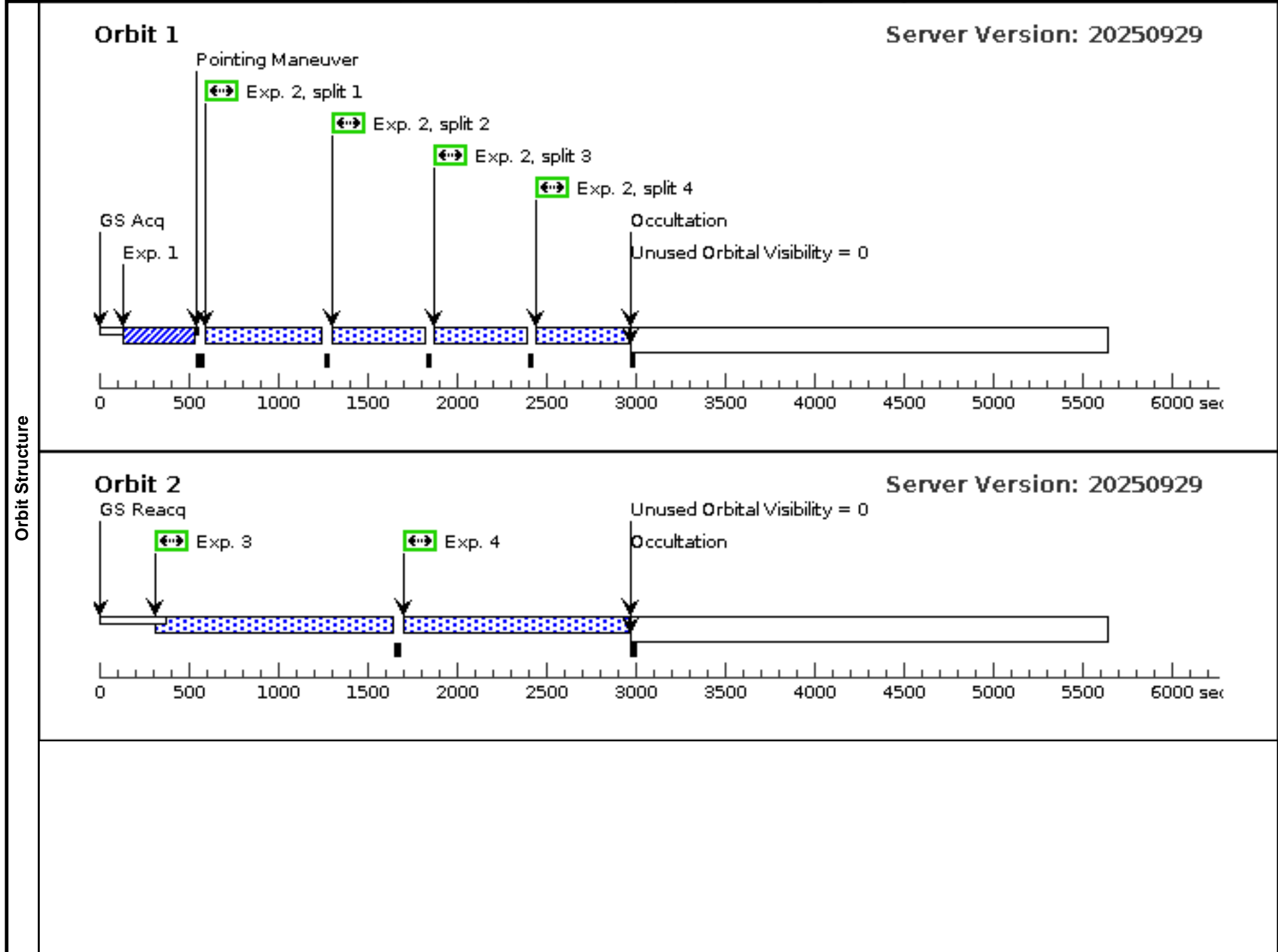
| Visit | Proposal 18105, STIS visit 2 for SLSN 4 (20), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 20,19 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | |
|------------------------|--|----------------------------------|---------------------------------|---------------------------|-----------------|--------------------------------|---------------|-----------------------|--|-------|---|------|----------|-------------|-----|-------|----------------------------------|--|
| | (UV spectra (20.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(4)</td> <td>SLSN4</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> </tbody> </table> Comments: non-disruptive ToO of a SLSN | | | | | | | | | | # | Name | Criteria | Description | (4) | SLSN4 | spectroscopically confirmed SLSN | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | |
| (4) | SLSN4 | spectroscopically confirmed 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 (CC D) | 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] | | | | | | | | | |

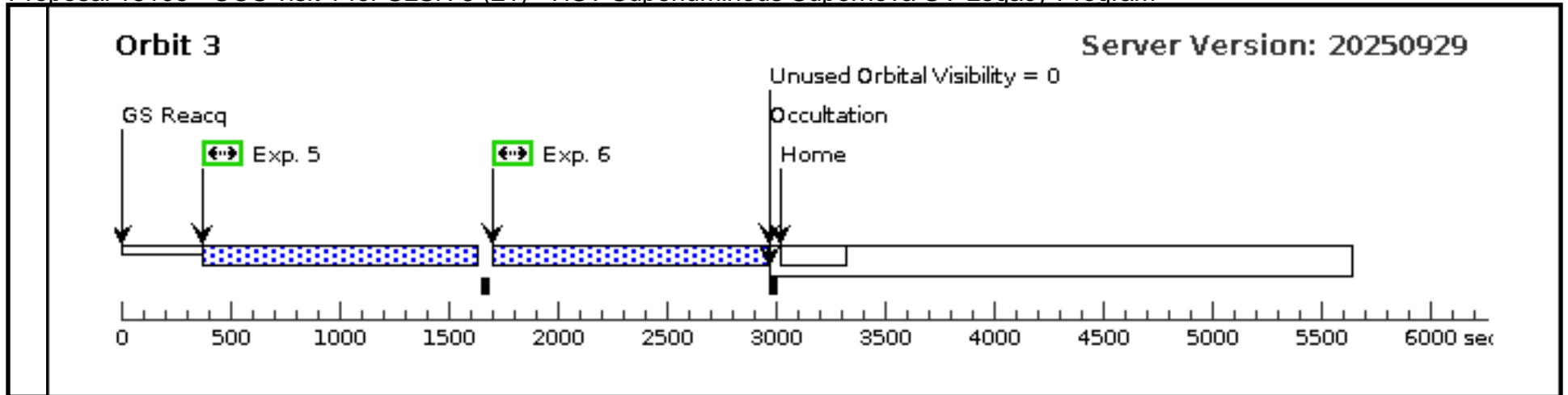


Proposal 18105 - COS visit 1 for SLSN 5 (21) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:49 GMT 2025

| Visit | Proposal 18105, COS visit 1 for SLSN 5 (21), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: ON HOLD ; TOO RESPONSE TIME 5.0D <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------------------|-------------------------|-----------------|---|---------------|--------|--|-------|---|-------|--------|----------------------|---------------|--------------|---------------|----------------------------------|---------------------------------|-------|---|------------------------|-----------|-------------------------|---------|--|--|--|----------------------------|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|---|------------------------------|-----------|------------------------|-----------------|---|--|--|--|-----|
| | Diagnosics (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 | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>SLSN5</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> </tbody> </table> <i>Comments: non-disruptive ToO of a SLSN</i> | | | | | | | | | | # | Name | Criteria | Description | (5) | SLSN5 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (5) | SLSN5 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>COS acquisition SLSN 1</td> <td>(5) SLSN5</td> <td>COS/NUV, ACQ/IMAGE, PSA</td> <td>MIRRORB</td> <td></td> <td></td> <td></td> <td>45 Secs (45 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>COS spectra SLSN 1 (orbit 1)</td> <td>(5) SLSN5</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL</td> <td></td> <td></td> <td>400 Secs (1868 Secs) [==>467.0 Secs (Split 1)] [==>467.0 Secs (Split 2)] [==>467.0 Secs (Split 3)] [==>467.0 Secs (Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>COS spectra SLSN 1 (orbit 2)</td> <td>(5) SLSN5</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=1</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>4</td> <td>COS spectra SLSN 1 (orbit 3)</td> <td>(5) SLSN5</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=2</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>5</td> <td>COS spectra SLSN 1 (orbit 2)</td> <td>(5) SLSN5</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=3</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[3]</td> </tr> <tr> <td>6</td> <td>COS spectra SLSN 1 (orbit 3)</td> <td>(5) SLSN5</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=4</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[3]</td> </tr> </tbody> </table> | | | | | | | | | | # | 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] |
| # | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

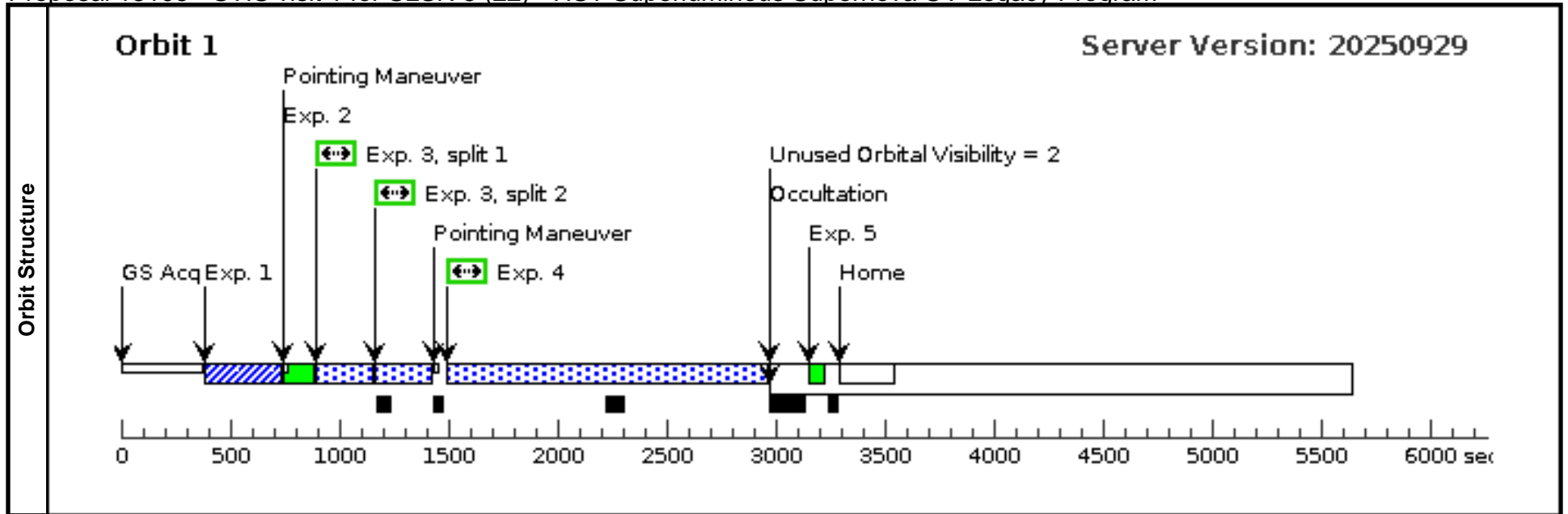




Proposal 18105 - STIS visit 1 for SLSN 5 (22) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:49 GMT 2025

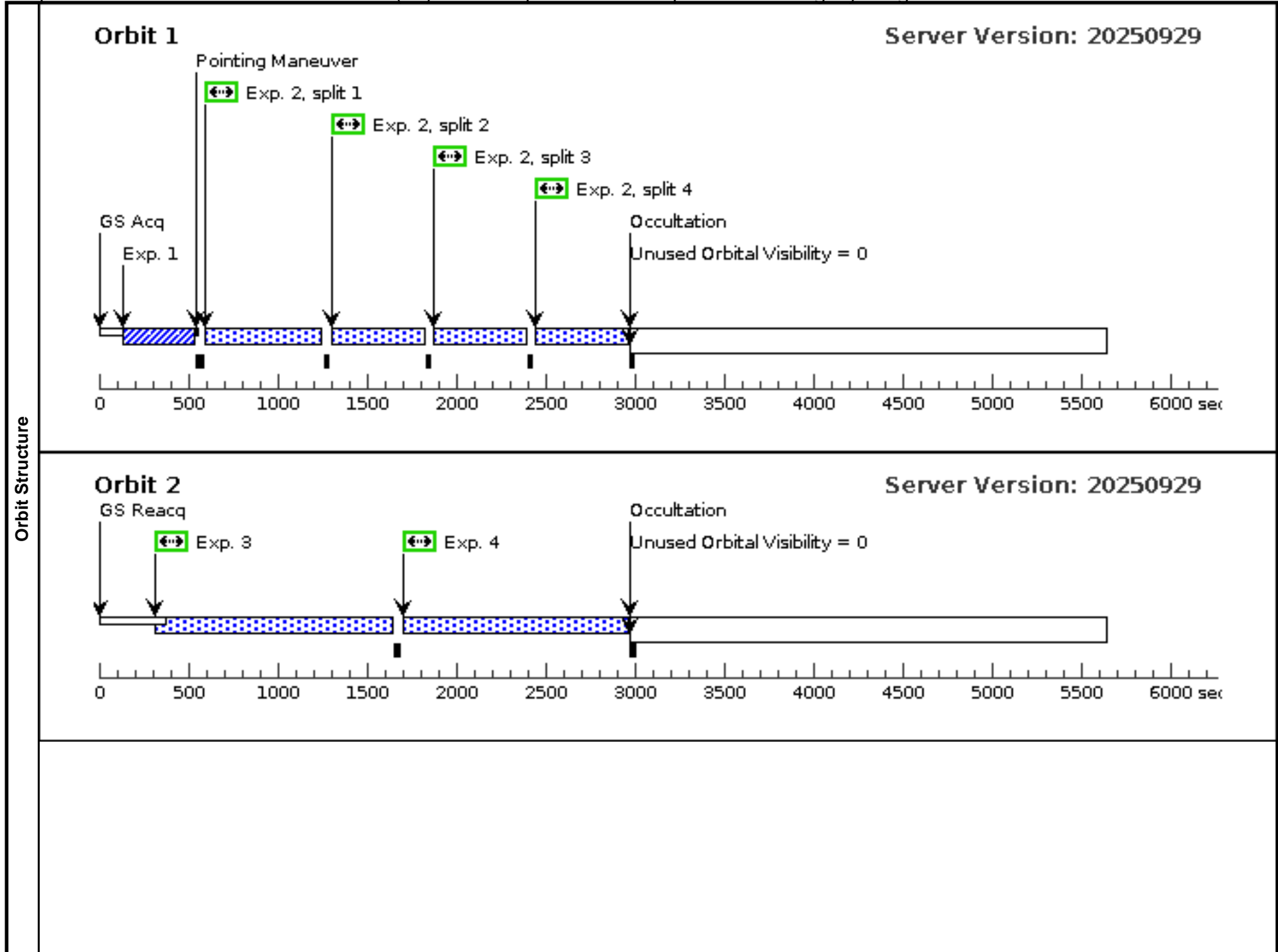
| Visit | Proposal 18105, STIS visit 1 for SLSN 5 (22), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 22,21 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | |
|------------------------|--|----------------------------------|---------------------------------|---------------------------|-----------------|----------------|---------------|-----------------------|--|-------|---|------|----------|-------------|-----|-------|----------------------------------|--|
| | (UV spectra (22.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>SLSN5</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> </tbody> </table> Comments: non-disruptive ToO of a SLSN | | | | | | | | | | # | Name | Criteria | Description | (5) | SLSN5 | spectroscopically confirmed SLSN | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | |
| (5) | SLSN5 | spectroscopically confirmed 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 (CC D) | 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 | 0; | BUFFER-TIME=60 | | 1200 Secs (1324 Secs) | | | | | | | | | | |
| | | | | | | WAVECAL=NO | | [==>1324.0 Secs] | [1] | | | | | | | | | |
| 5 | wavecal (MAMA) | WAVE | STIS/NUV-MAMA, ACCUM, 52X0.2 | G230L 2376 A | | | | [==>] | [1] | | | | | | | | | |

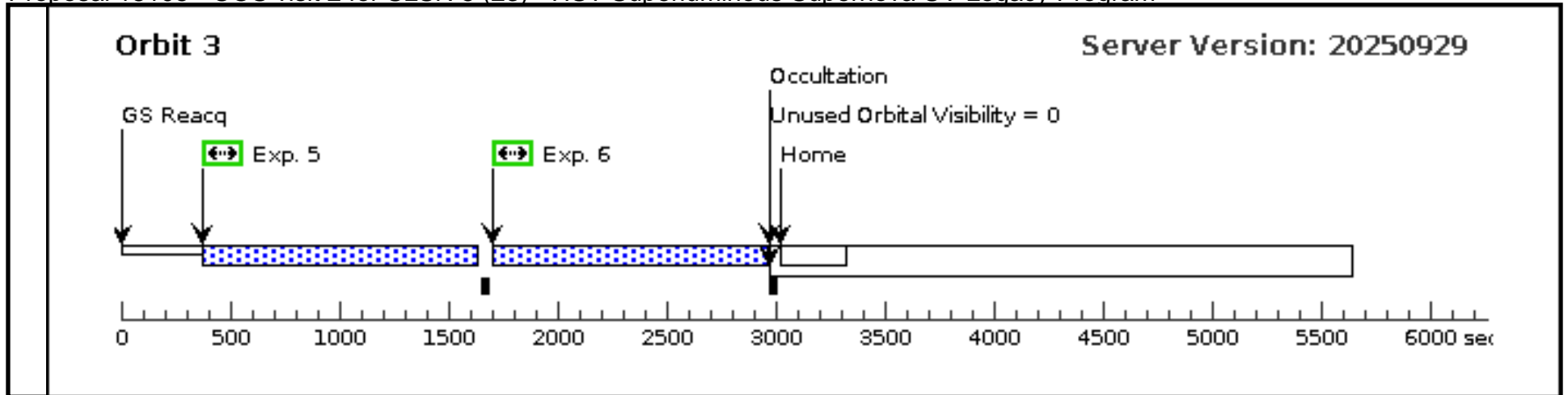


Proposal 18105 - COS visit 2 for SLSN 5 (23) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:49 GMT 2025

| Visit | Proposal 18105, COS visit 2 for SLSN 5 (23), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: AFTER 22 BY 21 D TO 28 D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------------------------|-----------|-------------------------|-----------------|---|---------------|--------|--|-------|---|------|----------|-------------|-----|-------|----------------------------------|--|---|--|--|--|
| | (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. | | | | | | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
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| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | |
| (5) | SLSN5 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | |
| <i>Comments: non-disruptive ToO of a SLSN</i> | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 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] | | | | | | | | | | | | |

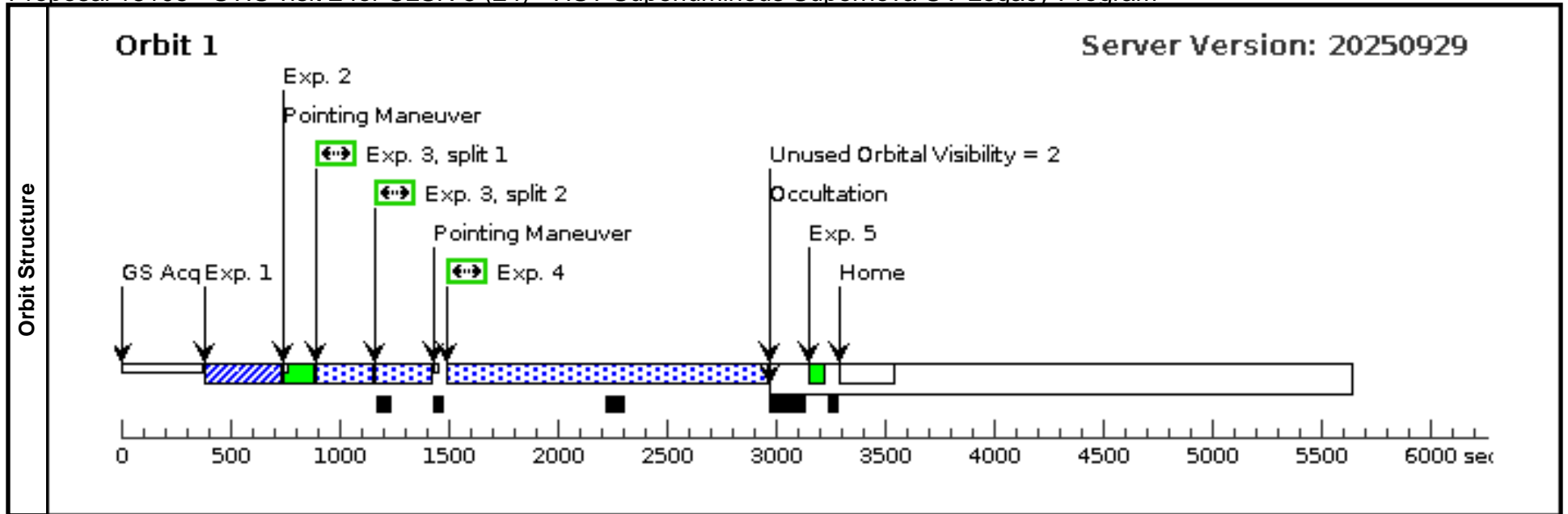




Proposal 18105 - STIS visit 2 for SLSN 5 (24) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:49 GMT 2025

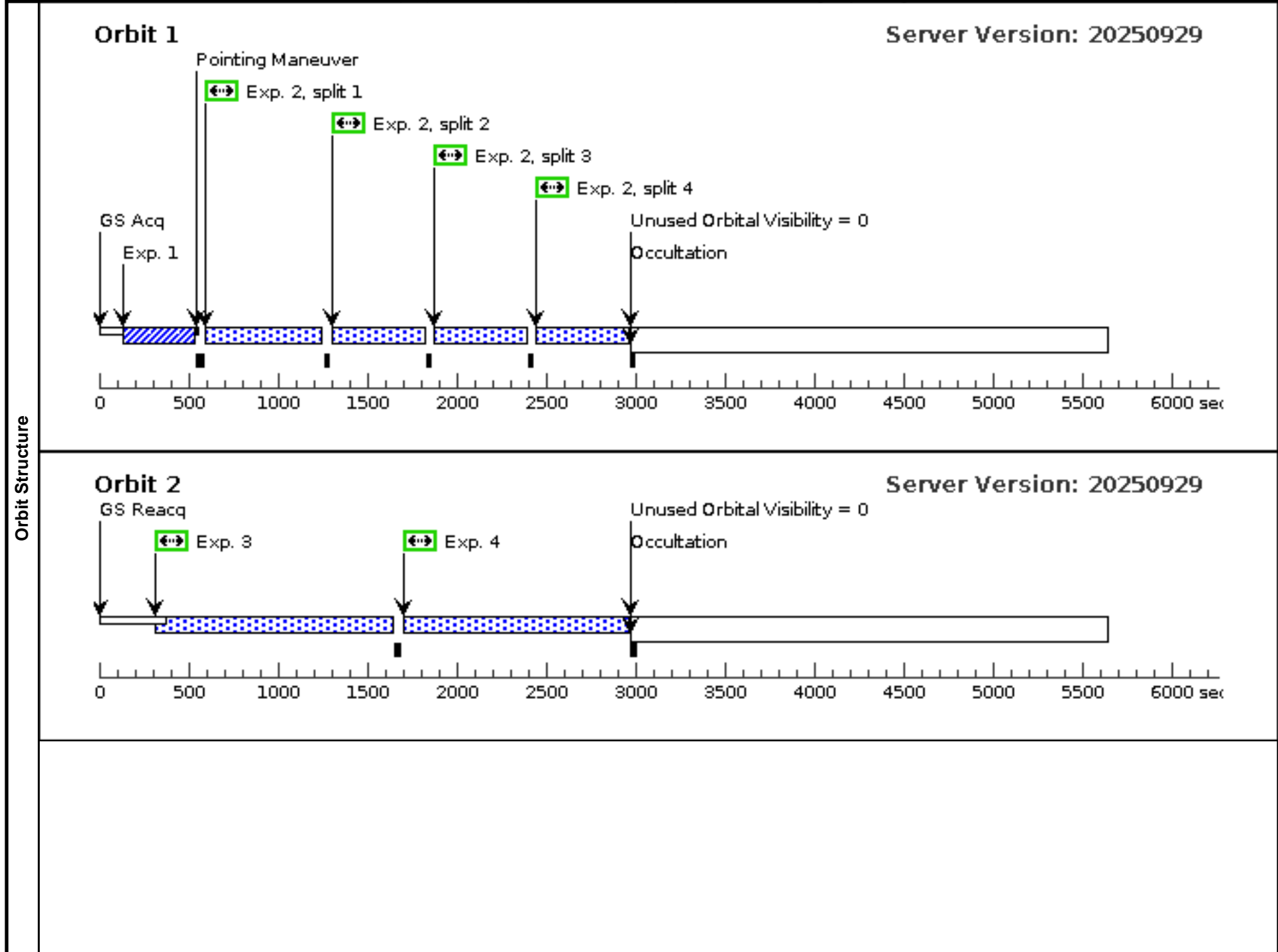
| Visit | Proposal 18105, STIS visit 2 for SLSN 5 (24), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 24,23 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|----------------------------------|------------------------------|---------------------------------|-----------------|--------------------------------|---------------|--------|---|-------|---|-------|----------|----------------------|---------------|--------------|----------------------------------|--------|---------------------------------|-------|---|-------------------------|-----------|-------------------------|--------|--|--|--|----------------------------|-----|---|----------------|------|-------------------------|-----------------|--|--|--|-------|-----|---|-----------------|-----------|---------------------------|-----------------|------------|--|--|---|-----|---|------------|-----------|---------------------------------|-----------------|--------------------------------|--|--|--|-----|---|----------------|------|------------------------------|-----------------|--|--|--|-------|-----|
| | (UV spectra (24.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (5) | SLSN5 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>STIS acquisition SLSN 1</td> <td>(5) SLSN5</td> <td>STIS/CCD, ACQ, F28X50LP</td> <td>MIRROR</td> <td></td> <td></td> <td></td> <td>30 Secs (30 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>wavecal (CC D)</td> <td>WAVE</td> <td>STIS/CCD, ACCUM, 52X0.2</td> <td>G430L 4300 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>optical spectra</td> <td>(5) SLSN5</td> <td>STIS/CCD, ACCUM, 52X0.2E1</td> <td>G430L 4300 A</td> <td>WAVECAL=NO</td> <td></td> <td></td> <td>200 Secs (448 Secs) [==>224.0 Secs (Split 1)] [==>224.0 Secs (Split 2)]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>UV spectra</td> <td>(5) SLSN5</td> <td>STIS/NUV-MAMA, TIME-TAG, 52X0.2</td> <td>G230L 2376 A</td> <td>BUFFER-TIME=600; WAVECAL=NO</td> <td></td> <td></td> <td>1200 Secs (1324 Secs) [==>1324.0 Secs]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>wavecal (MAMA)</td> <td>WAVE</td> <td>STIS/NUV-MAMA, ACCUM, 52X0.2</td> <td>G230L 2376 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> </tbody> </table> | | | | | | | | | | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit | 1 | STIS acquisition SLSN 1 | (5) SLSN5 | STIS/CCD, ACQ, F28X50LP | MIRROR | | | | 30 Secs (30 Secs) [==>] | [1] | 2 | wavecal (CC D) | 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] |
| | # | 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 (CC D) | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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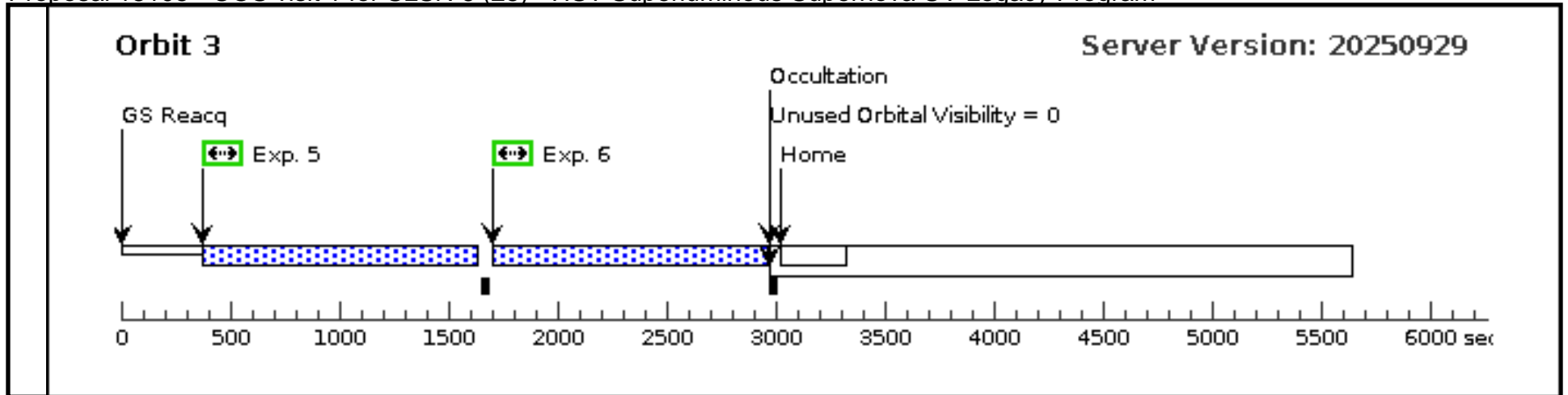


Proposal 18105 - COS visit 1 for SLSN 6 (25) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:49 GMT 2025

| Visit | Proposal 18105, COS visit 1 for SLSN 6 (25), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: ON HOLD ; TOO RESPONSE TIME 5.0D <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | (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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>SLSN6</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> <tr> <td colspan="4"><i>Comments: non-disruptive ToO of a SLSN</i></td> </tr> </tbody> </table> | | | | | | | | | | # | Name | Criteria | Description | (6) | SLSN6 | spectroscopically confirmed SLSN | | <i>Comments: non-disruptive ToO of a SLSN</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (6) | SLSN6 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Comments: non-disruptive ToO of a SLSN</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>COS acquisition SLSN 1</td> <td>(6) SLSN6</td> <td>COS/NUV, ACQ/IMAGE, PSA</td> <td>MIRRORB</td> <td></td> <td></td> <td></td> <td>45 Secs (45 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>COS spectra SLSN 1 (orbit 1)</td> <td>(6) SLSN6</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=ALL</td> <td></td> <td></td> <td>400 Secs (1868 Secs) [==>467.0 Secs (Split 1)] [==>467.0 Secs (Split 2)] [==>467.0 Secs (Split 3)] [==>467.0 Secs (Split 4)]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>COS spectra SLSN 1 (orbit 2)</td> <td>(6) SLSN6</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=1</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>4</td> <td>COS spectra SLSN 1 (orbit 3)</td> <td>(6) SLSN6</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=2</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[2]</td> </tr> <tr> <td>5</td> <td>COS spectra SLSN 1 (orbit 2)</td> <td>(6) SLSN6</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=3</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[3]</td> </tr> <tr> <td>6</td> <td>COS spectra SLSN 1 (orbit 3)</td> <td>(6) SLSN6</td> <td>COS/FUV, TIME-TAG, PSA</td> <td>G140L 1105 A</td> <td>FLASH=YES; BUFFER-TIME=6000; FP-POS=4</td> <td></td> <td></td> <td>1000 Secs (1210 Secs) [==>1210.0 Secs]</td> <td>[3]</td> </tr> </tbody> </table> | | | | | | | | | | # | 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] |
| | # | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

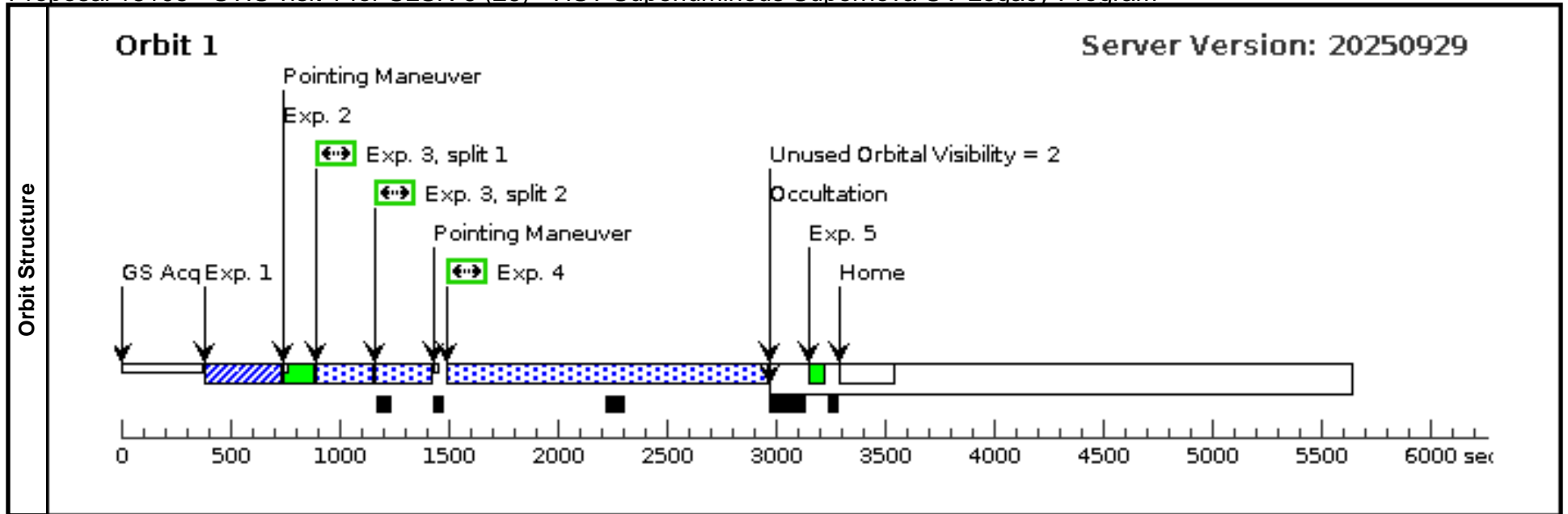




Proposal 18105 - STIS visit 1 for SLSN 6 (26) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:49 GMT 2025

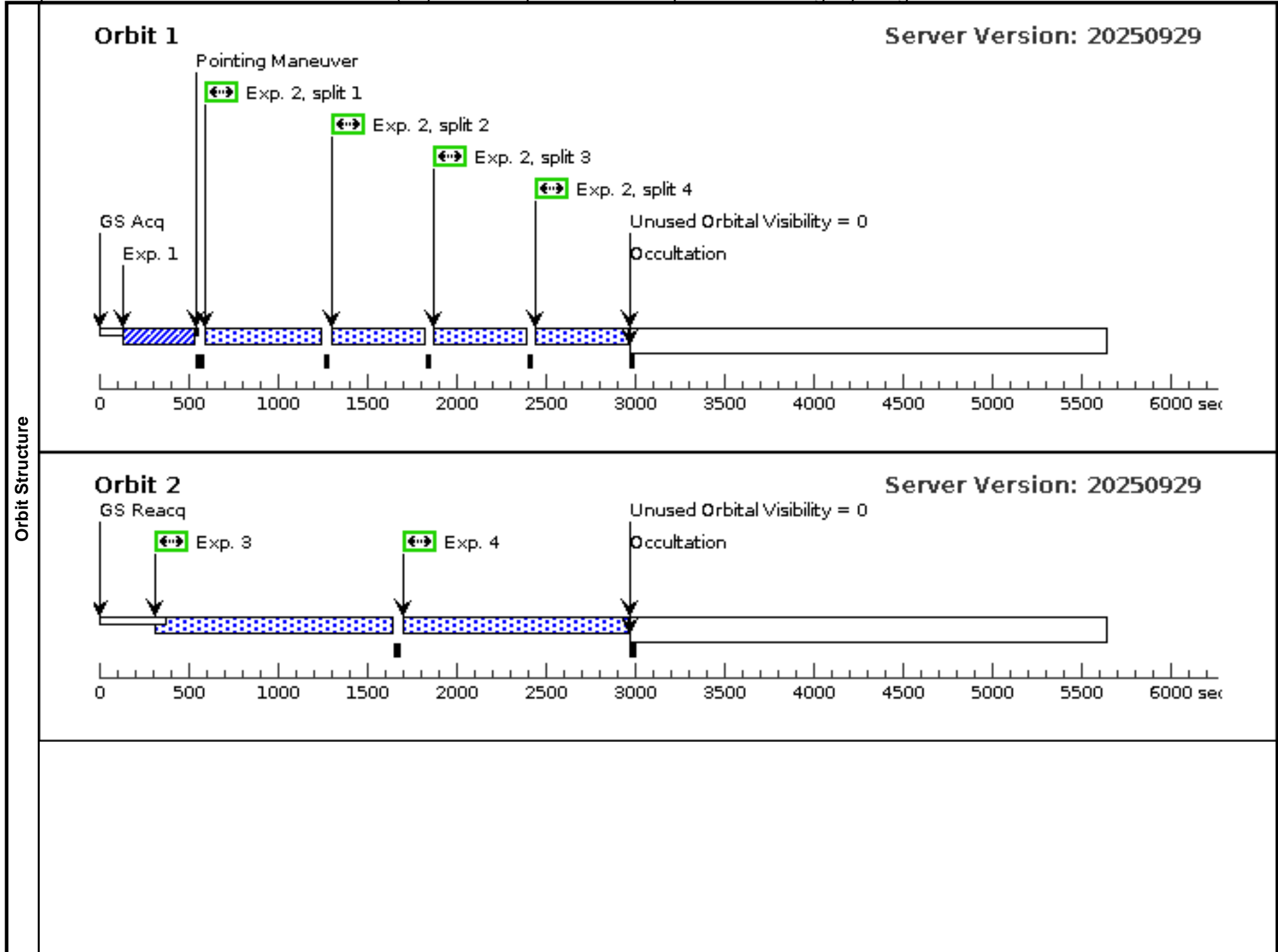
| Visit | Proposal 18105, STIS visit 1 for SLSN 6 (26), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 26,25 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | |
|------------------------|--|----------------------------------|---------------------------------|---------------------------|-----------------|--------------------------------|---------------|--------|---------------------------------|--|----------|-------------|-----|-------|----------------------------------|--|
| | (UV spectra (26.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>SLSN6</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> </tbody> </table> Comments: non-disruptive ToO of a SLSN | | | | | | | | # | Name | Criteria | Description | (6) | SLSN6 | spectroscopically confirmed SLSN | |
| | # | Name | Criteria | Description | | | | | | | | | | | | |
| (6) | SLSN6 | spectroscopically confirmed 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 (CC D) | WAVE | STIS/CCD, ACCUM, 52X0.2 | G430L 4300 A | | | | | [==>] | [1] | | | | | |
| | 3 | optical spect ra | (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] | | | | | | |

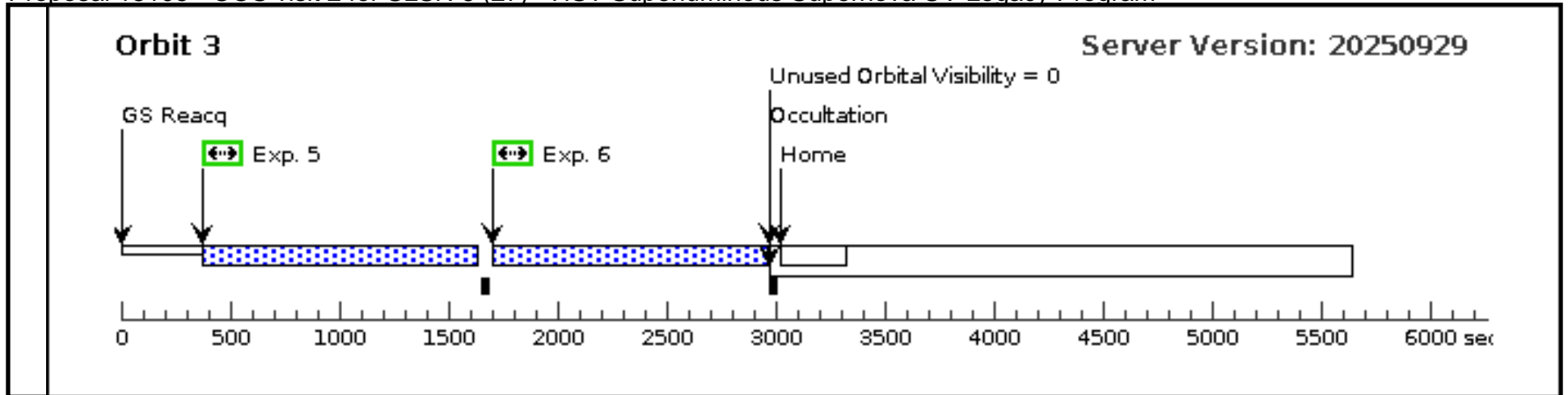


Proposal 18105 - COS visit 2 for SLSN 6 (27) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:49 GMT 2025

| Visit | Proposal 18105, COS visit 2 for SLSN 6 (27), implementation Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: AFTER 26 BY 21 D TO 28 D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | |
|---|---|----------------------------------|-----------|-------------------------|-----------------|---|---------------|--------|--|-------|---|------|----------|-------------|-----|-------|----------------------------------|--|---|--|--|--|
| | (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. | | | | | | | | | | | | | | | | | | | | | |
| Diagnosics | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>SLSN6</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> <tr> <td colspan="4"><i>Comments: non-disruptive ToO of a SLSN</i></td> </tr> </tbody> </table> | | | | | | | | | | # | Name | Criteria | Description | (6) | SLSN6 | spectroscopically confirmed SLSN | | <i>Comments: non-disruptive ToO of a SLSN</i> | | | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | |
| (6) | SLSN6 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | |
| <i>Comments: non-disruptive ToO of a SLSN</i> | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 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] | | | | | | | | | | | | |





Proposal 18105 - STIS visit 2 for SLSN 6 (28) - HST Superluminous Supernova UV Legacy Program

Tue Dec 02 20:00:49 GMT 2025

| Visit | Proposal 18105, STIS visit 2 for SLSN 6 (28), implementation Diagnostic Status: Warning Scientific Instruments: STIS/NUV-MAMA, STIS/CCD Special Requirements: GROUP 28,27 WITHIN 1D; ON HOLD <i>On Hold Comments: Target of Opportunity</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|----------------------------------|---------------------------------|---------------------------|--------------------------------|--------------|---------------|--|---------------------------------|-------|---|-------|----------|----------------------|---------------|--------------|----------------------------------|--------|---------------------------------|-------|---|-------------------------|-----------|-------------------------|--------|--|--|--|-------------------|--|--|--|--|--|--|--|--|--|-------|-----|---|----------------|------|-------------------------|-----------------|--|--|--|-------|-----|---|-----------------|-----------|---------------------------|-----------------|------------|--|--|---------------------|--|--|--|--|--|--|--|--|--|--|-----|---|------------|-----------|---------------------------------|-----------------|--------------------------------|--|--|-----------------------|--|--|--|--|--|--|--|--|--|-------------------|-----|---|----------------|------|------------------------------|-----------------|--|--|--|-------|-----|
| | (UV spectra (28.004)) Warning (Form): Sensitive exposures should have an ETC run number provided. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Diagnostics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Generic Targets | <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Criteria</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>SLSN6</td> <td>spectroscopically confirmed SLSN</td> <td></td> </tr> </tbody> </table> Comments: non-disruptive ToO of a SLSN | | | | | | | | | | # | Name | Criteria | Description | (6) | SLSN6 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | # | Name | Criteria | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (6) | SLSN6 | spectroscopically confirmed SLSN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Exposures | <table border="1"> <thead> <tr> <th>#</th> <th>Label</th> <th>Target</th> <th>Config,Mode,Aperture</th> <th>Spectral Els.</th> <th>Opt. Params.</th> <th>Special Reqs.</th> <th>Groups</th> <th>Exp. Time (Total)/[Actual Dur.]</th> <th>Orbit</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>STIS acquisition SLSN 1</td> <td>(6) SLSN6</td> <td>STIS/CCD, ACQ, F28X50LP</td> <td>MIRROR</td> <td></td> <td></td> <td></td> <td>30 Secs (30 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>wavecal (CC D)</td> <td>WAVE</td> <td>STIS/CCD, ACCUM, 52X0.2</td> <td>G430L 4300 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>optical spectra</td> <td>(6) SLSN6</td> <td>STIS/CCD, ACCUM, 52X0.2E1</td> <td>G430L 4300 A</td> <td>WAVECAL=NO</td> <td></td> <td></td> <td>200 Secs (448 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>224.0 Secs (Split 1)] [==>224.0 Secs (Split 2)]</td> <td>[1]</td> </tr> <tr> <td>4</td> <td>UV spectra</td> <td>(6) SLSN6</td> <td>STIS/NUV-MAMA, TIME-TAG, 52X0.2</td> <td>G230L 2376 A</td> <td>BUFFER-TIME=600; WAVECAL=NO</td> <td></td> <td></td> <td>1200 Secs (1324 Secs)</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>[==>1324.0 Secs]</td> <td>[1]</td> </tr> <tr> <td>5</td> <td>wavecal (MAMA)</td> <td>WAVE</td> <td>STIS/NUV-MAMA, ACCUM, 52X0.2</td> <td>G230L 2376 A</td> <td></td> <td></td> <td></td> <td>[==>]</td> <td>[1]</td> </tr> </tbody> </table> | | | | | | | | | | # | Label | Target | Config,Mode,Aperture | Spectral Els. | Opt. Params. | Special Reqs. | Groups | Exp. Time (Total)/[Actual Dur.] | Orbit | 1 | STIS acquisition SLSN 1 | (6) SLSN6 | STIS/CCD, ACQ, F28X50LP | MIRROR | | | | 30 Secs (30 Secs) | | | | | | | | | | [==>] | [1] | 2 | wavecal (CC D) | 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] |
| | # | 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 2 | wavecal (CC D) | 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] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

