



17749 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Cycle: 32, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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Proposal 17749 (STScI Edit Number: 2, Created: Monday, September 29, 2025, 1:00:36PM Eastern Standard Time) - Overview

<i>Name</i>	<i>Institution</i>
Dr. Andrew J. Fox (CoI) (ESA Member)	Space Telescope Science Institute - ESA
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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	4	29-Sep-2025 14:00:18.0	yes
19	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	1	29-Sep-2025 14:00:18.0	yes
02	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	4	29-Sep-2025 14:00:19.0	yes
03	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	4	29-Sep-2025 14:00:20.0	yes
20	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	1	29-Sep-2025 14:00:21.0	yes
04	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	4	29-Sep-2025 14:00:21.0	yes
05	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:22.0	yes
23	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:23.0	yes
06	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	4	29-Sep-2025 14:00:23.0	yes
07	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:24.0	yes

Proposal 17749 (STScI Edit Number: 2, Created: Monday, September 29, 2025, 1:00:36PM 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>
24	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:24.0	yes
08	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:25.0	yes
25	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:26.0	yes
09	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:26.0	yes
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10	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	4	29-Sep-2025 14:00:28.0	yes
11	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	4	29-Sep-2025 14:00:28.0	yes
12	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:29.0	yes
27	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:29.0	yes
13	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:30.0	yes
28	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:30.0	yes
14	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:31.0	yes
29	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:32.0	yes
15	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	4	29-Sep-2025 14:00:33.0	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>
16	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	4	29-Sep-2025 14:00:33.0	yes
21	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	1	29-Sep-2025 14:00:34.0	yes
17	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:34.0	yes
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18	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	2	29-Sep-2025 14:00:35.0	yes
22	(1) BD-00-413 (2) NGC1068-SLIT-START	STIS/CCD STIS/FUV-MAMA	1	29-Sep-2025 14:00:36.0	yes

74 Total Orbits Used

ABSTRACT

Energetic feedback from Active Galactic Nuclei (AGN) is a key influence on galaxy formation, but the physical processes that transport energy and matter from the black hole to the nearby interstellar and circumgalactic gas are highly uncertain. This proposal will use the unique powers of HST to directly address several complex, outstanding questions about AGN feedback. With 70 orbits of STIS G140L, and a long slit, we will produce a comprehensive pseudo-Integral Field Unit (IFU) map of NGC 1068, the prototypical Type 2 Seyfert galaxy. Our observational objectives are to (1) uniformly map key emission lines for detailed diagnostics of highly ionized and excited gas that are only visible in the far-UV, (2) simultaneously map the radiation field from the AGN and the young stellar populations, source by source, and (3) build a multi-dimensional ionization/kinematic map over 0.5 x 1 kpc at 10 pc resolution. This map will resolve the dynamic interplay between radiation and kinematic feedback from AGN and star formation and enable several interrelated scientific outcomes. We will (1) quantify the budget of kinetic energy and radiation flowing into the interstellar medium, (2) validate and calibrate *resolved* emission-line diagnostics that are used to trace AGN vs. star formation in unresolved galaxies seen by JWST, (3) provide a ground truth for models and simulations of AGN feedback at higher spatial resolution than state-of-the-art simulations, and (4) pioneer far-UV IFU-like mapping of nearby galaxies, a key science instrument capability expected for the future Habitable Worlds Observatory.

OBSERVING DESCRIPTION

Observational Strategy:

We have chosen the Space Telescope Imaging Spectrograph (STIS) with the G140L grating for our analysis of NGC 1068. This configuration remains optimal compared to the Cosmic Origins Spectrograph (COS) medium spectral-resolution gratings, offering extensive wavelength coverage (1150-1730Å) at high spatial resolution (0.2" x 0.2" spatial bins). This is essential for our detailed study of the nucleus and surrounding regions.

Utilizing the STIS G140L grating provides significant advantages:

Gapless Spatial Coverage: Using slits rather than COS pointings enables continuous spatial coverage across our field of interest. This approach, successfully demonstrated in previous STIS observations, is critical for creating an uninterrupted map of the UV emission features around the AGN.

Spatial Resolution Consistency: The spatial resolution provided by STIS G140L is directly comparable to optical, high spatial-resolution spectroscopic observations, which is vital for conducting parallel kinematic and structural analyses across different wavelengths, allowing accurate correlation of features and dynamics between the UV and optical regimes.

Updated Observing Strategy:

Due to Hubble entering Reduced Gyro Mode (RGM), the originally proposed position angle (PA) now provides less than ten days of observing time. Therefore, we will observe NGC 1068 at a PA of 220 degrees (Orient = 265 degrees), offering a 60-day observing window in 2025.

Slit Configuration:

AGN Region: 18 slits, each 0.2" wide.

Star-Forming Region: 14 slits, each 0.2" wide.

Connecting Field: 3 slits, each 2.0" wide, to create a near-continuous field of view across the region.

Initial Targeting:

Proposal 17749 (STScI Edit Number: 2, Created: Monday, September 29, 2025, 1:00:36PM Eastern Standard Time) - Overview

Observations will commence by targeting a nearby G0V star, BD-00-413, for Target Acquisition and then offsetting to each slit position, specified as an offset from the position of the slit in Visit 1.

Field Coverage:

Our ~13"-wide field of view encompasses critical regions identified in UV imaging, ensuring the capture of the dynamic AGN environment and prominent star-forming regions within the starburst ring (~11 arcseconds radius). This setup allows us to focus on the central dynamic regions, with extended optical AGN-ionized gas largely in rotation to the northeast of the proposed field.

Spectral Setup:

Slit Width: 0.2" (~10pc) across bright regions to prevent line smearing in the dispersion direction. 2.0" slits across faint regions are employed to connect finely-sampled regions and attempt to detect any faint tracers not observed in imaging.

Grating Utilization: Although the G140L grating provides 25 arcseconds of coverage in the cross-dispersion direction, we will frame our observations inside a 20-arcsecond long field at the bottom of the detector (NE side of the field) to avoid effects from the repeller wire shadow on the detector.

Binning: Spectra will be binned by 8 pixels in the cross-dispersion direction (along the slit) to create 0.2" x 0.2" spaxels in the finely sampled regions, matching optical VLT/MUSE observations.

Exposure Time Calculations:

Our calculations, based on archival G140L data, show that two orbits per pointing will yield a continuum SNR of ~5 at 1550 Angstroms assuming a continuum of 1.5×10^{-14} $\text{flam}/\text{arcsecond}^2$. This ensures we can measure AGN and star-forming spectral signatures on a per spaxel basis across several regions in the field.

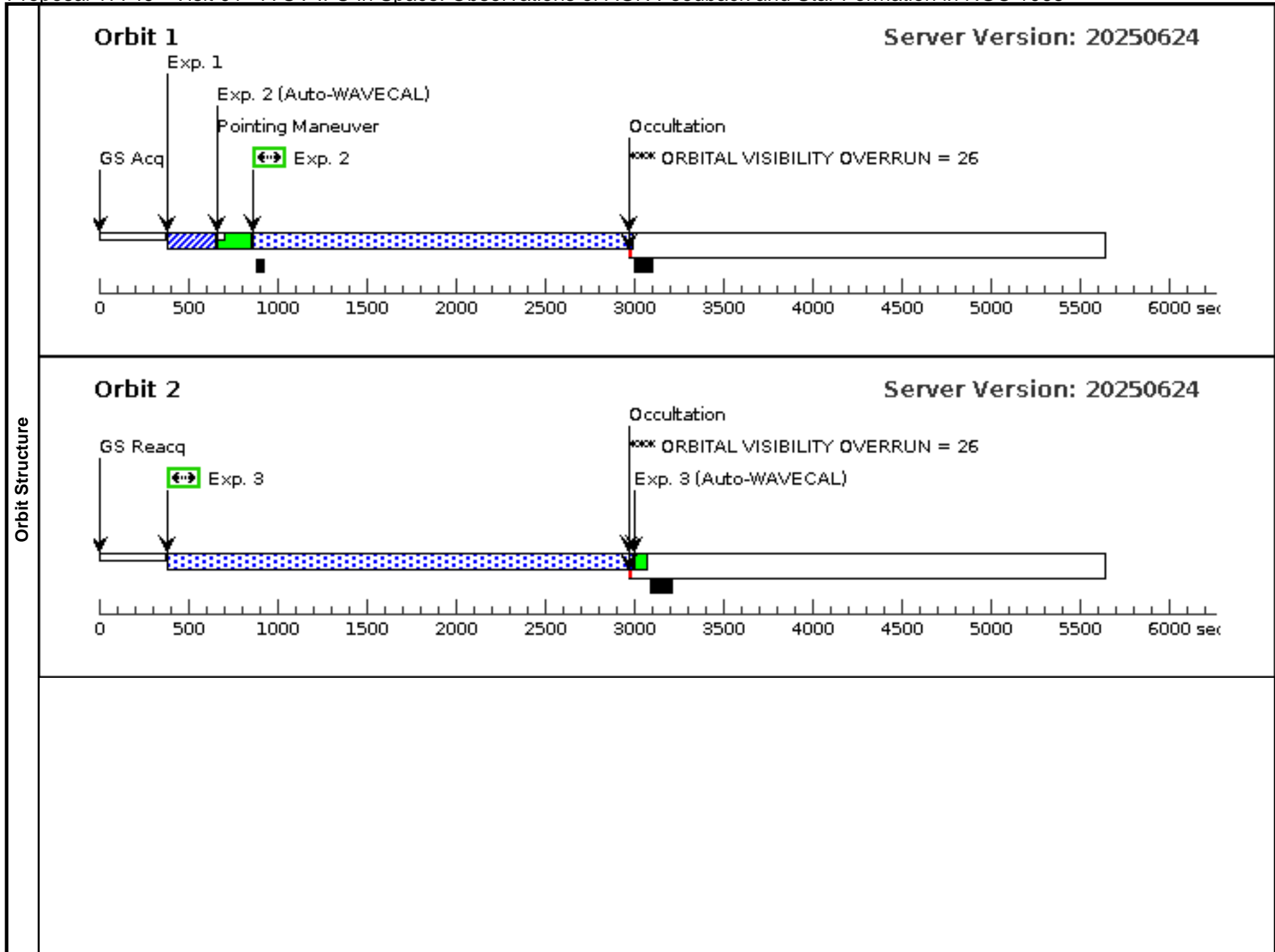
Data Products:

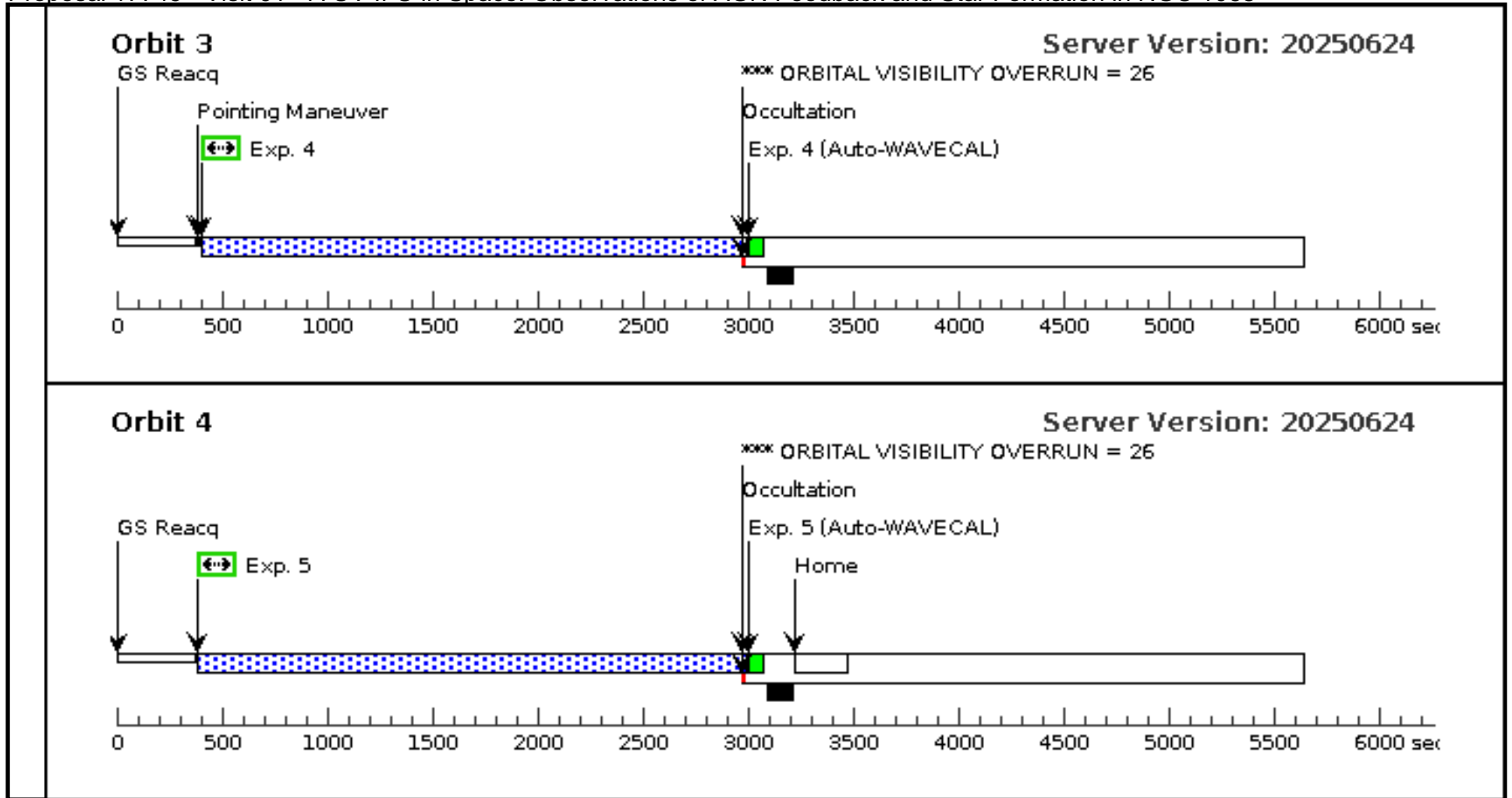
We will utilize two-dimensional spectral data products (x2d files) to maintain spatial information along the slit. These products, calibrated for sensitivity variations and geometric distortions, are ready for scientific analysis. The flux repeatability and accuracy across various cross-dispersion positions for the G140L grating ensure consistent flux calibration, vital for creating a comprehensive spatial map of NGC 1068.

Proposal 17749 - Visit 01 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:36 GMT 2025

Visit	Proposal 17749, Visit 01, failed Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: ORIENT 267D TO 267 D									
	Diagnostics	(Visit 01) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN								
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(Visit 01) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE										
(Visit 01) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE										
(Visit 01) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i> Category=STAR Description=[G V-IV] Extended=NO									
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
<i>Comments:</i> Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O BASE103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 1 - EX POSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 0.2,null		2113 Secs (2113 Secs) [==>]	[1]
	3	SLIT 1 - EX POSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 0.2,null		2557 Secs (2597 Secs) [==>2597.0 Secs]	[2]
	4	SLIT 2 - EX POSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 0.4,null		2557 Secs (2577 Secs) [==>2577.0 Secs]	[3]
	5	SLIT 2 - EX POSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 0.4,null		2113 Secs (2597 Secs) [==>2597.0 Secs]	[4]

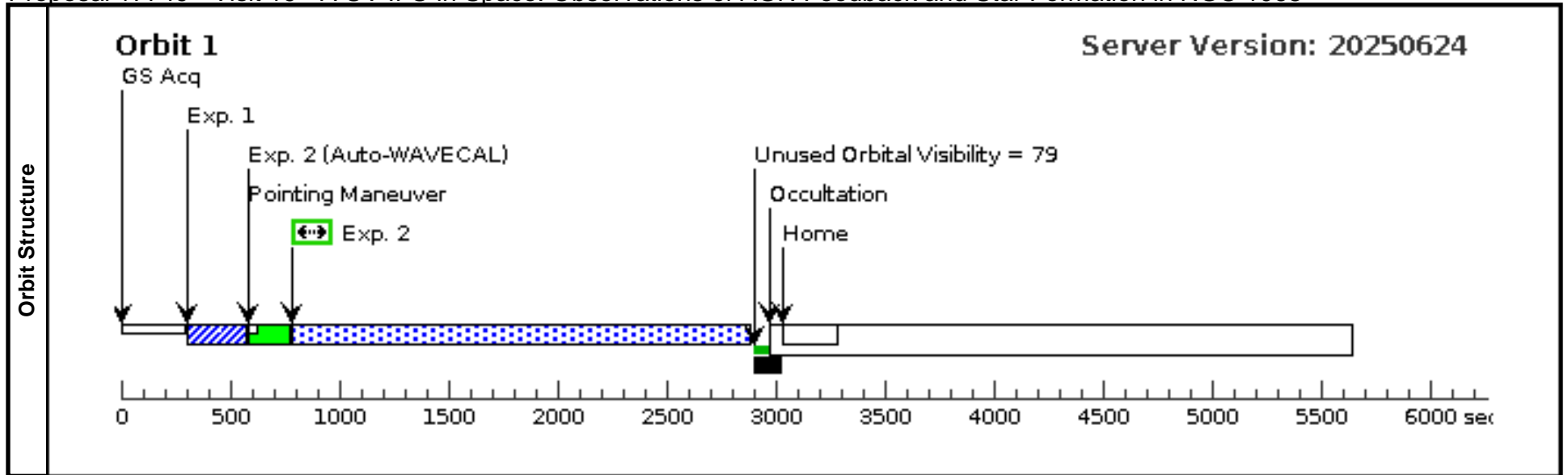




Proposal 17749 - Visit 19 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:36 GMT 2025

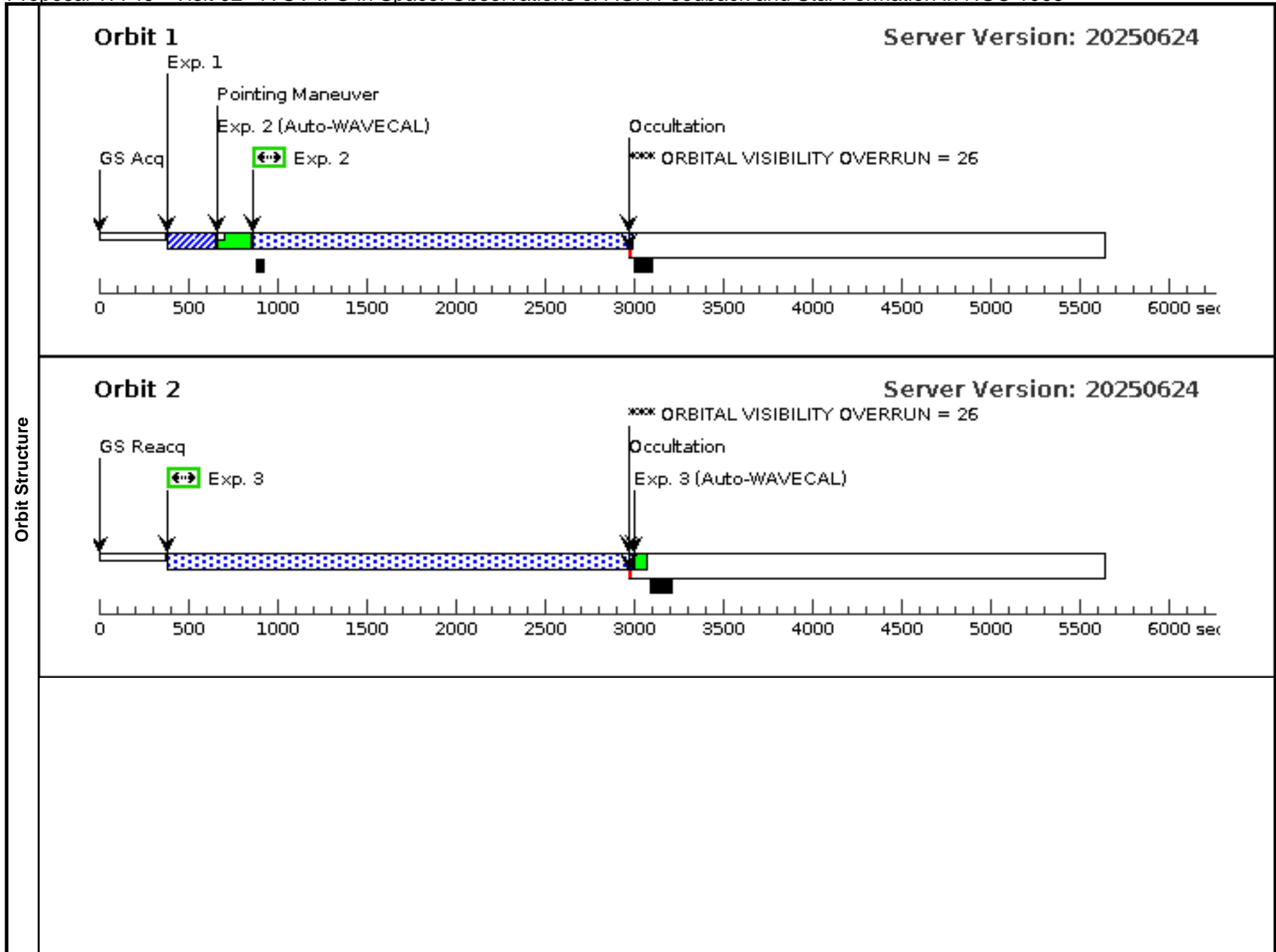
Visit	Proposal 17749, Visit 19, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: ORIENT 267D TO 267 D																																																											
	Diagnosics (Visit 19) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE																																																											
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>(1)</td> <td>BD-00-413</td> <td>RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000</td> <td>Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000</td> <td>V=10.7</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO </td> </tr> <tr> <td>(2)</td> <td>NGC1068-SLIT-START</td> <td>Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec</td> <td></td> <td>V=8.87</td> <td>Offset Position (NGC1068-SLIT-START)</td> </tr> <tr> <td colspan="6"> <i>Comments:</i> Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO						(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)	<i>Comments:</i> Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES																									
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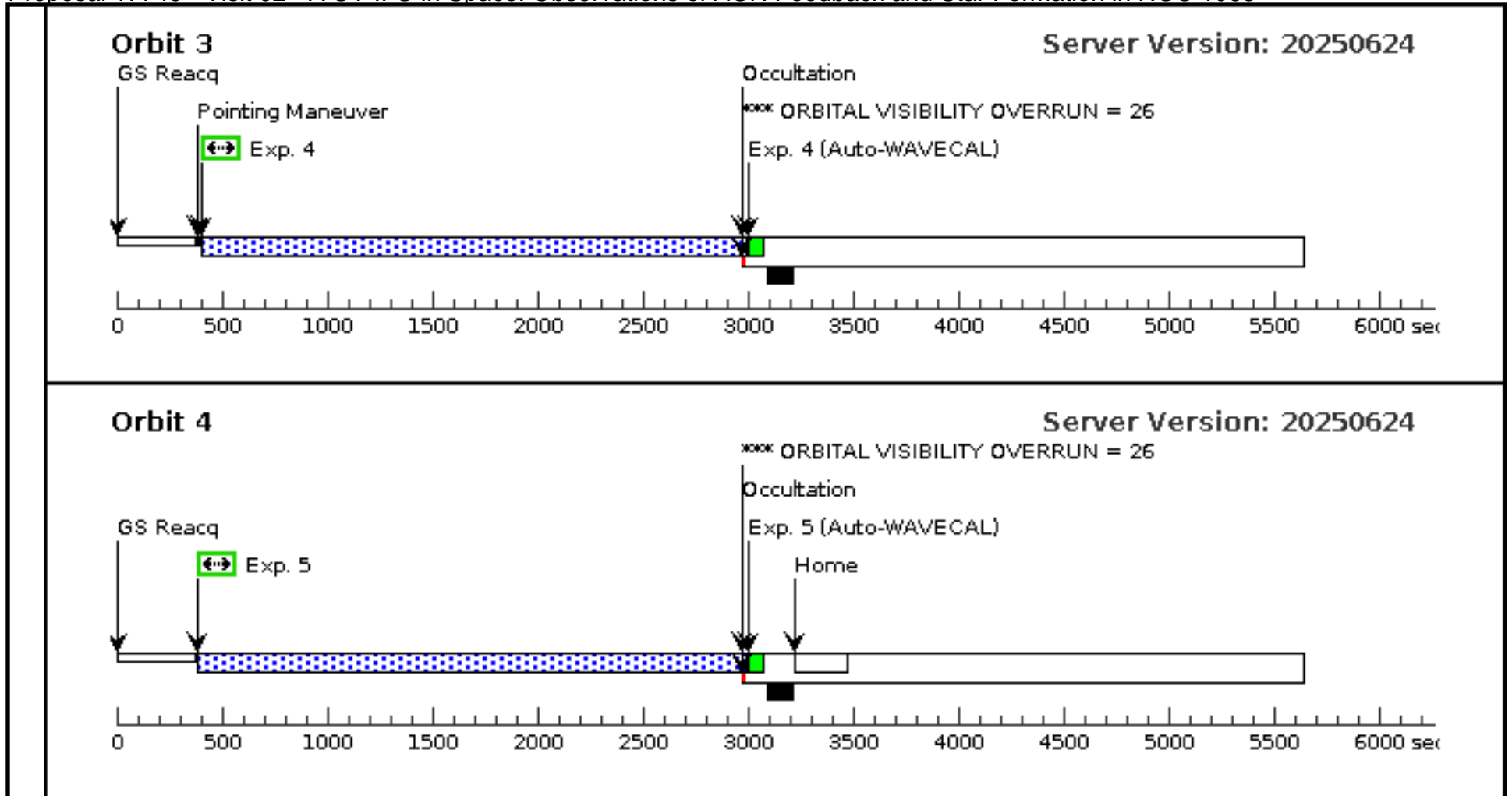


Proposal 17749 - Visit 02 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:36 GMT 2025

Visit	Proposal 17749, Visit 02, completed Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01																																							
	(Visit 02) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 02) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 02) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 02) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 02) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 02) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 02) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 02) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE																																							
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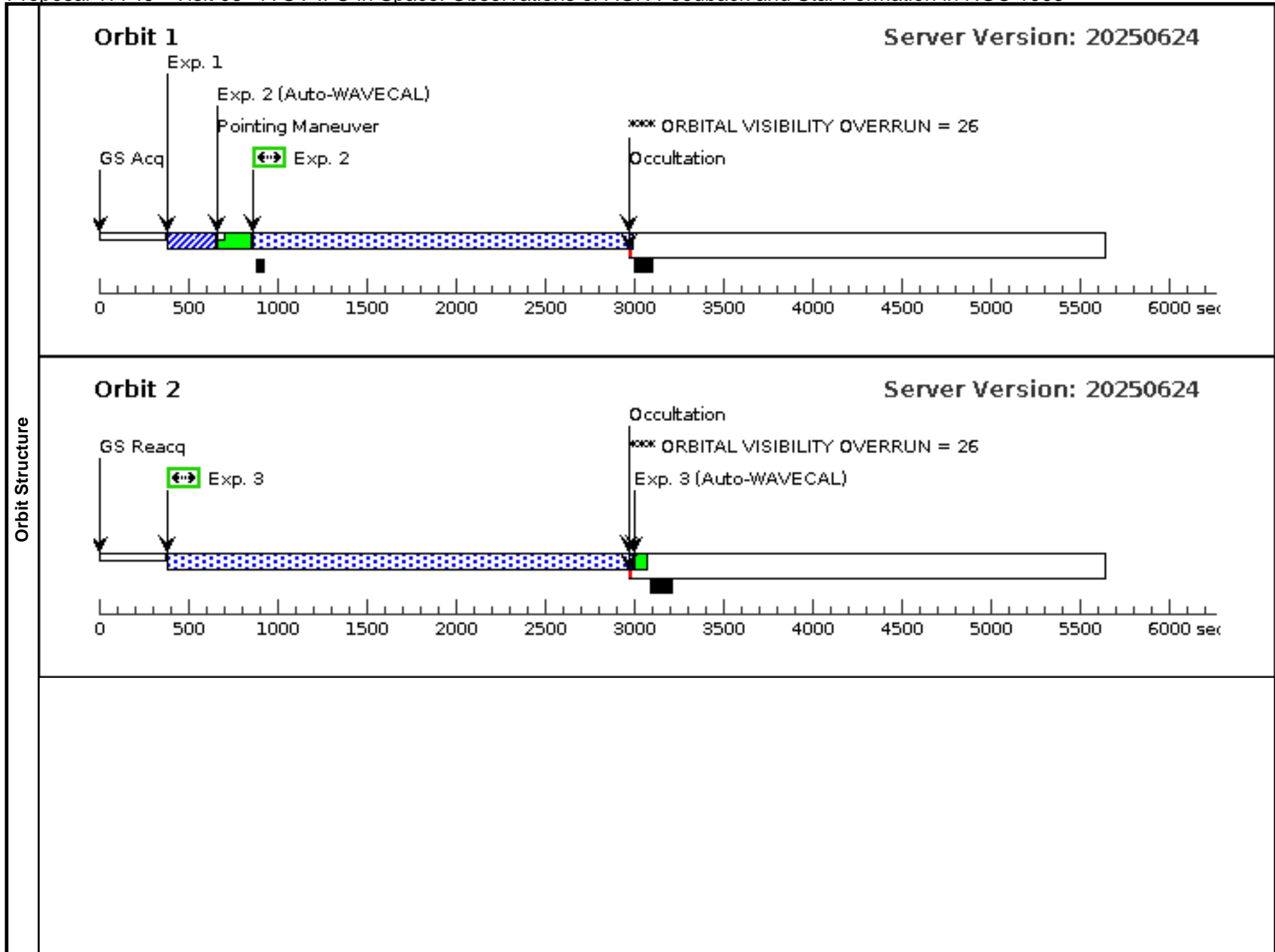


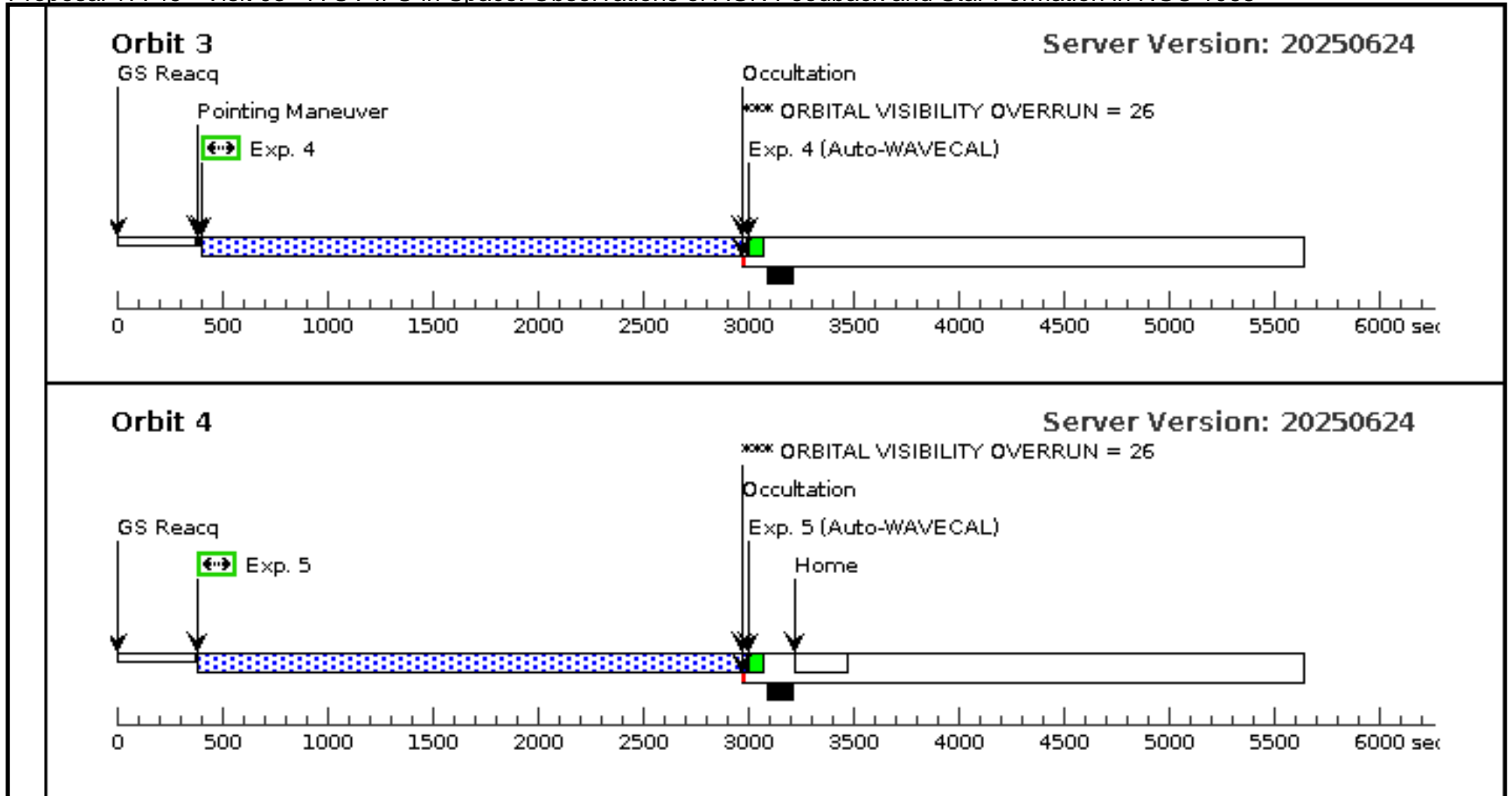


Proposal 17749 - Visit 03 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:36 GMT 2025

Visit	Proposal 17749, Visit 03, failed Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01																																																																					
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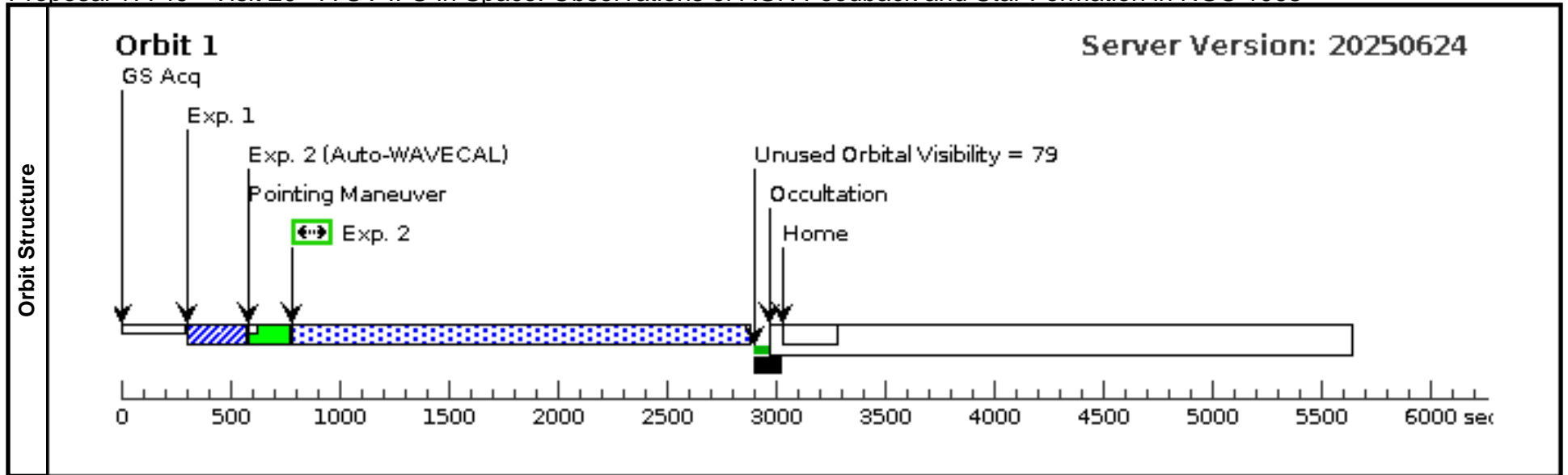




Proposal 17749 - Visit 20 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:36 GMT 2025

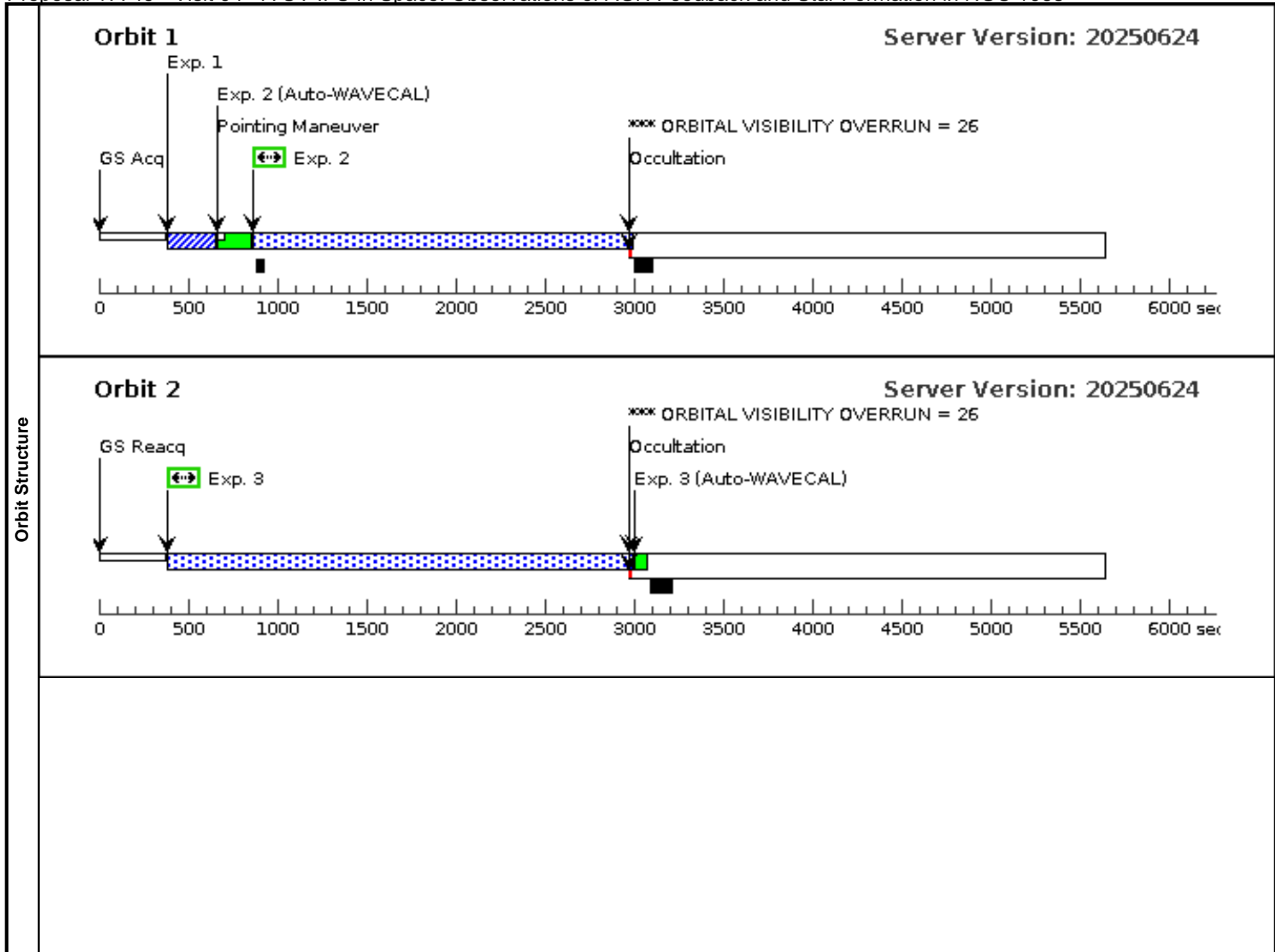
Visit	Proposal 17749, Visit 20, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01																																																											
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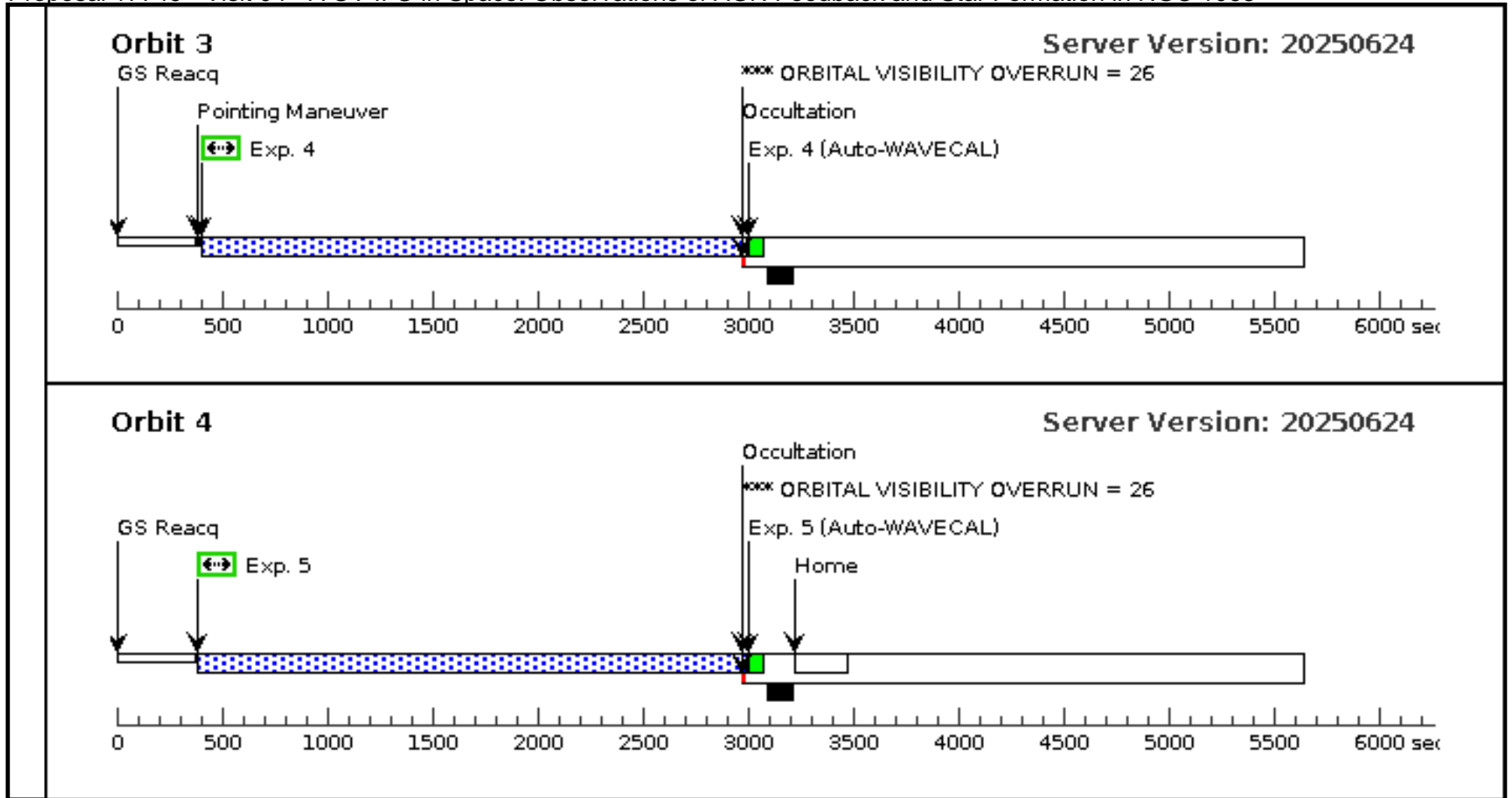


Proposal 17749 - Visit 04 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

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	(Visit 04) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 04) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 04) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 04) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 04) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 04) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 04) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 04) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE																																																																					
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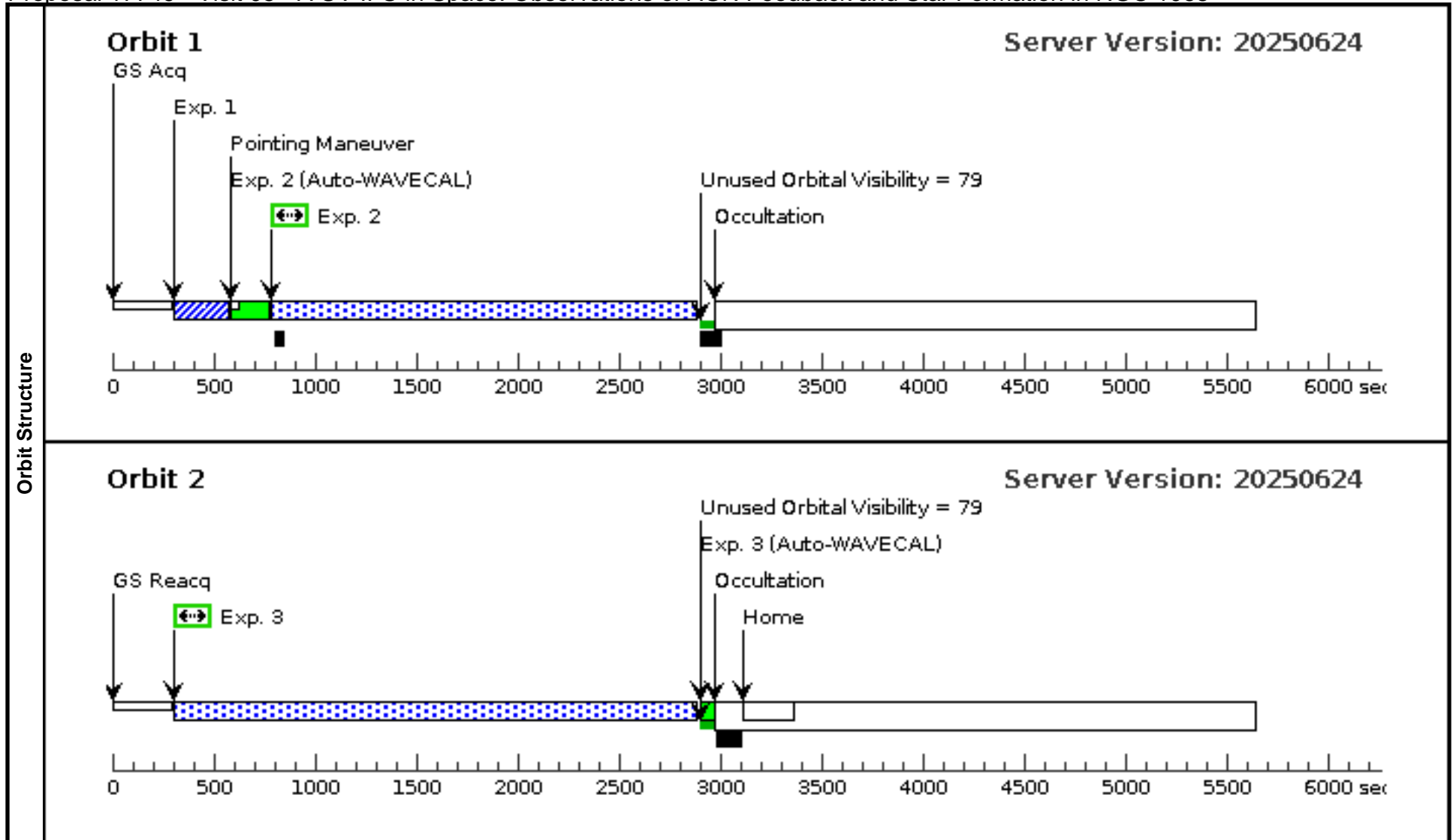




Proposal 17749 - Visit 05 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

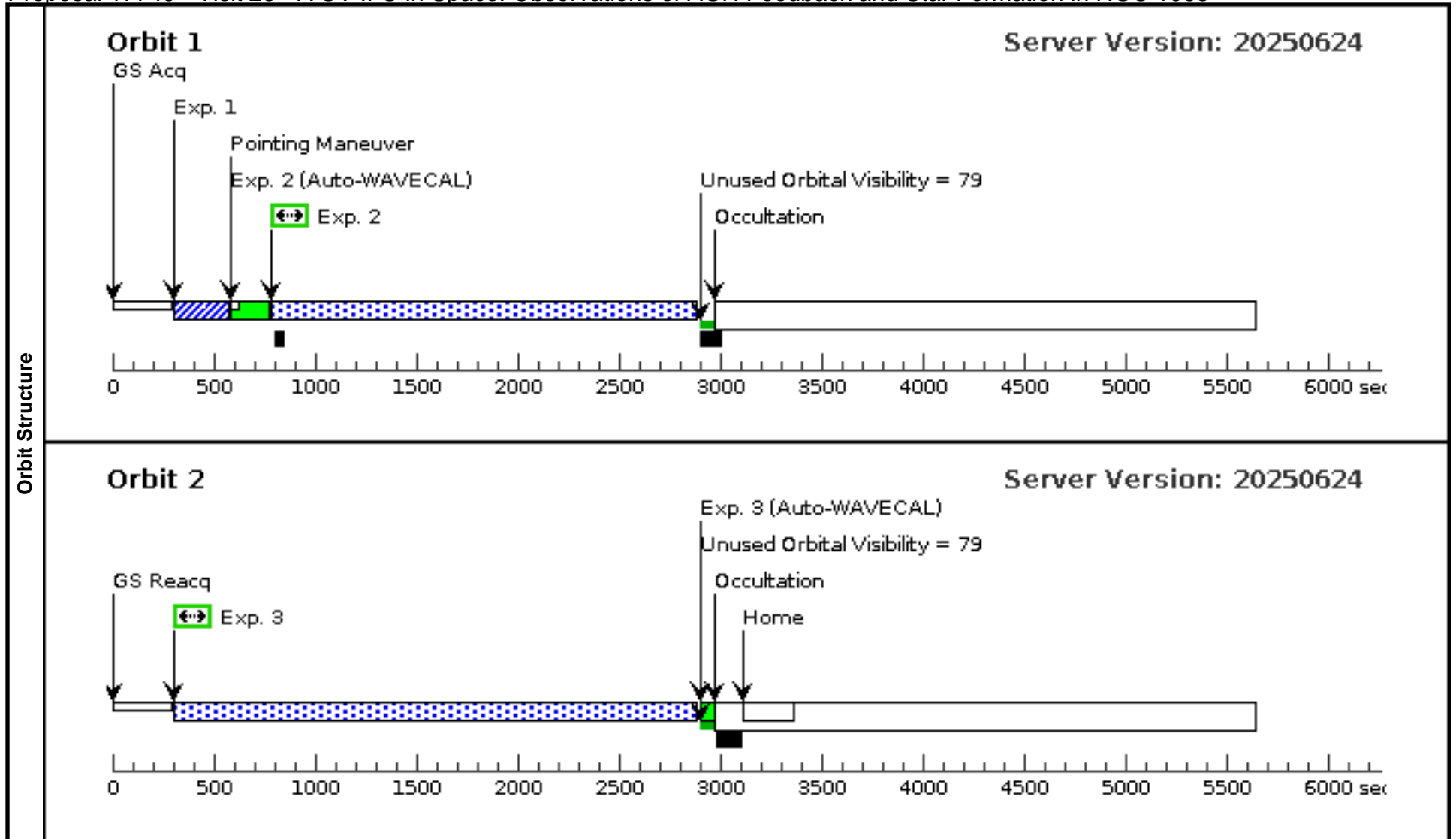
Visit	Proposal 17749, Visit 05, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 05) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 05) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB1O3		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 9 - EX POSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 1.8,null		2113 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 9 - EX POSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 1.8,null		2557 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 23 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

Visit	Proposal 17749, Visit 23, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 23) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 23) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 10 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 2.0,null		2557 Secs (2087 Secs) [==>2087 Secs]	[1]
	3	SLIT 10 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 2.0,null		2113 Secs (2571 Secs) [==>2571 Secs]	[2]



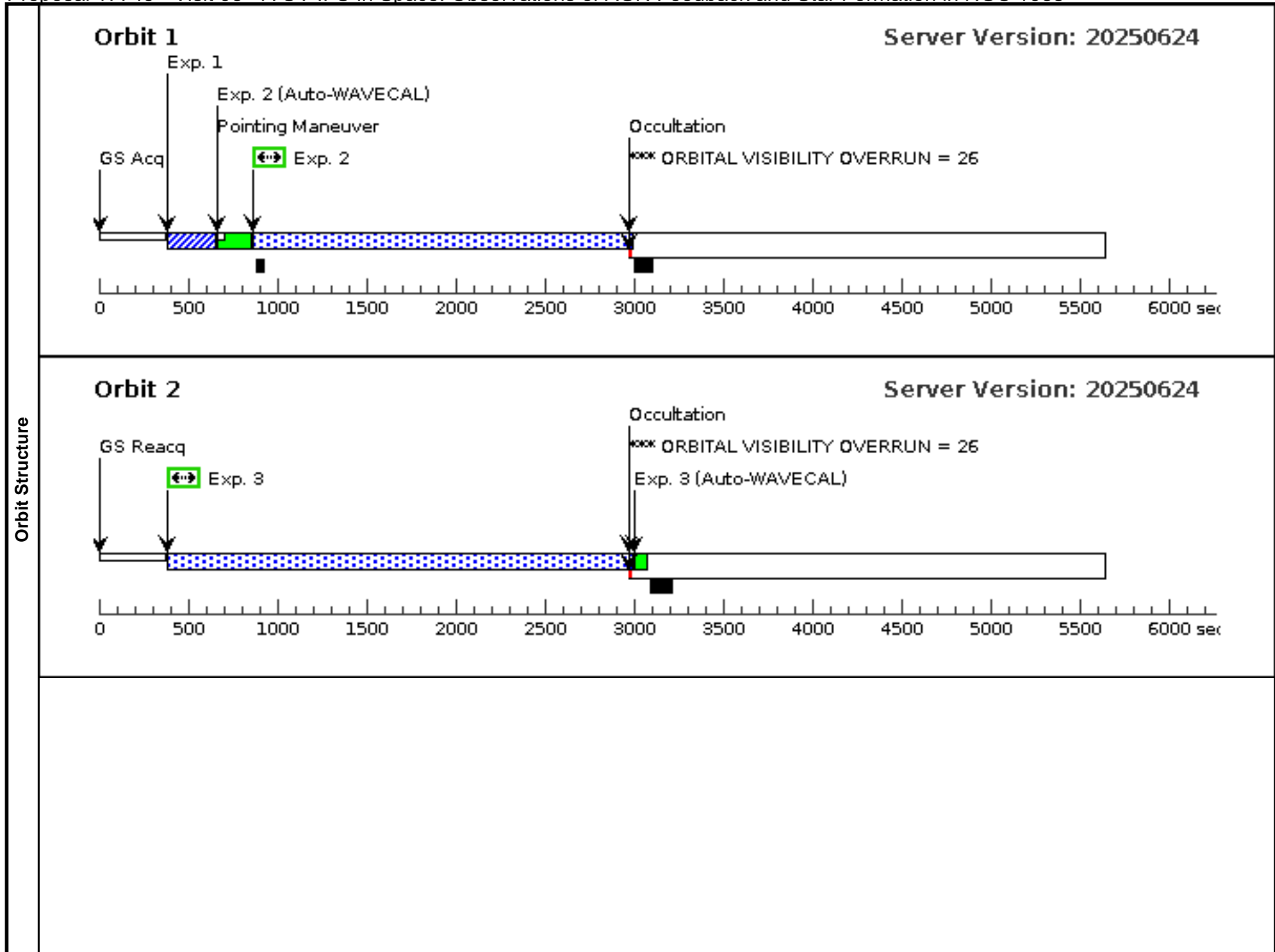
Proposal 17749 - Visit 06 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

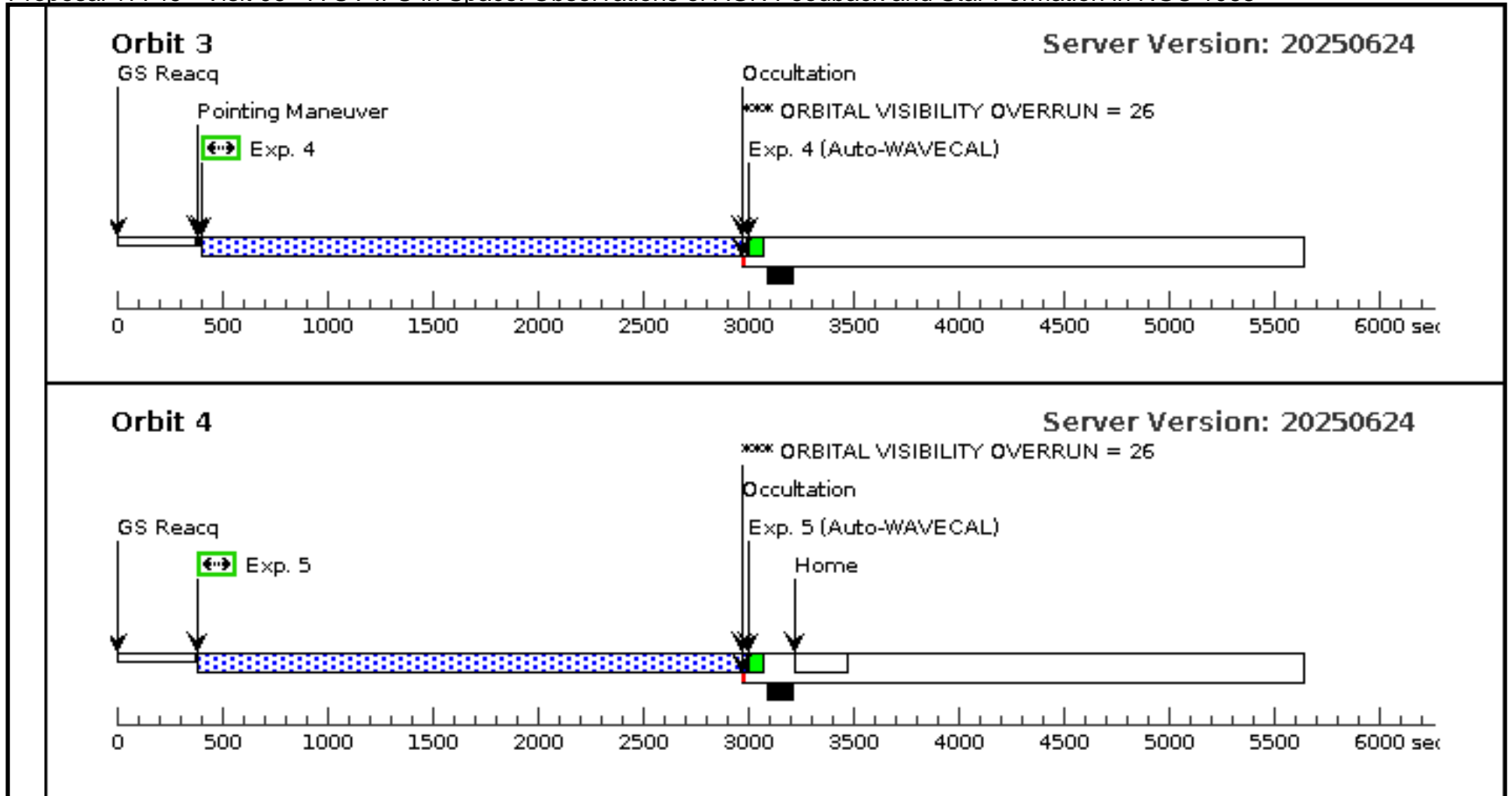
Mon Sep 29 18:00:37 GMT 2025

Visit	<p>Proposal 17749, Visit 06, completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD, STIS/FUV-MAMA</p> <p>Special Requirements: SAME ORIENT AS 01</p>					
	Diagnostics	(Visit 06) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
(Visit 06) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
(Visit 06) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
(Visit 06) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
(Visit 06) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE						
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(Visit 06) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p><i>Category=STAR</i> <i>Description=[G V-IV]</i> <i>Extended=NO</i></p>					
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)	
<p><i>Comments:</i> <i>Category=GALAXY</i> <i>Description=[NLR, NUCLEUS, SEYFERT]</i> <i>Extended=YES</i></p>						

Proposal 17749 - Visit 06 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR			GS ACQ SCENARI O BASE103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 11 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 2.2,null		2113 Secs (2113 Secs) [==>]	[1]
	3	SLIT 11 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 2.2,null		2557 Secs (2597 Secs) [==>2597.0 Secs]	[2]
	4	SLIT 12 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 2.4,null		2557 Secs (2577 Secs) [==>2577.0 Secs]	[3]
	5	SLIT 12 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 2.4,null		2113 Secs (2597 Secs) [==>2597.0 Secs]	[4]

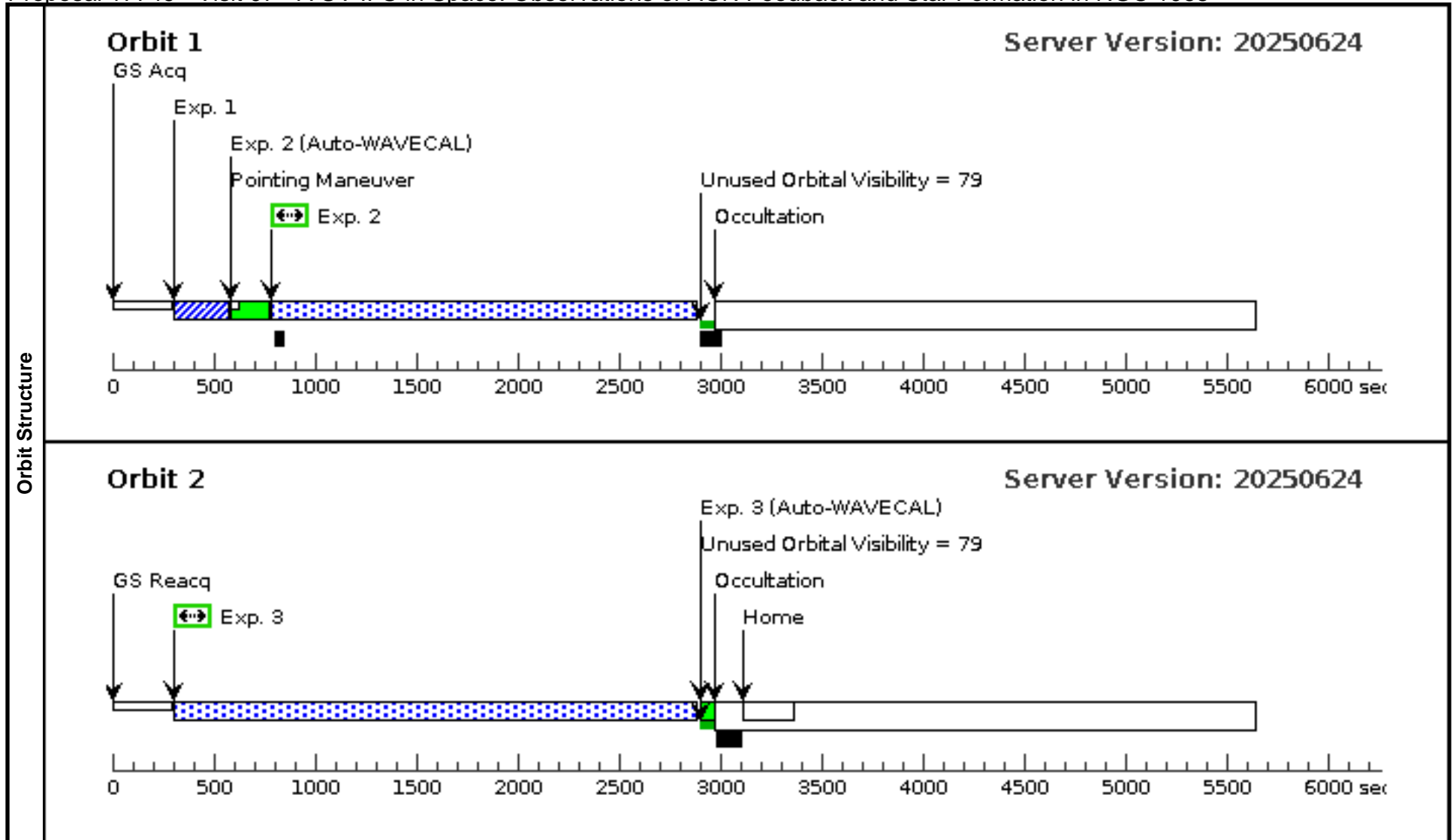




Proposal 17749 - Visit 07 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

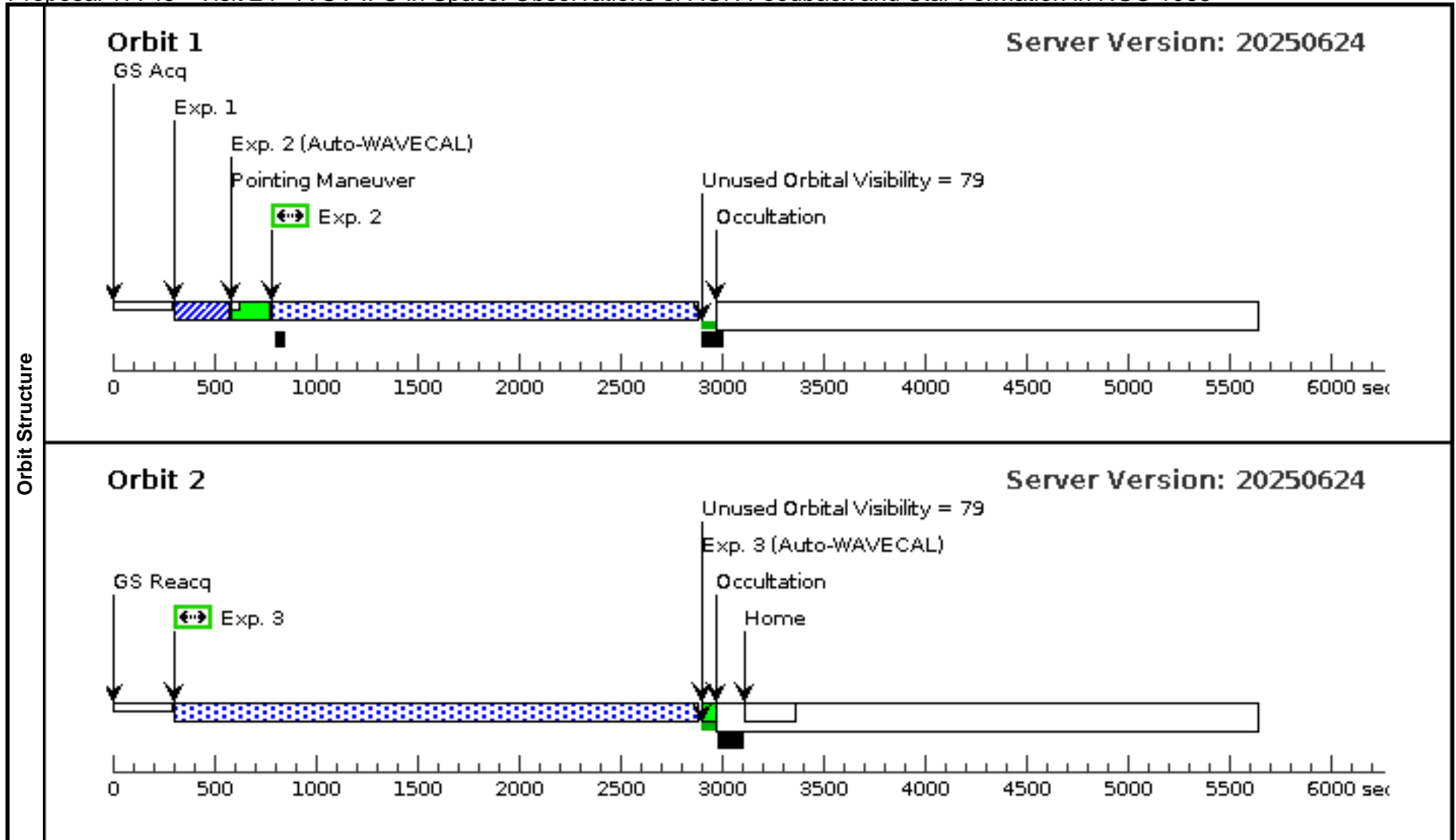
Visit	Proposal 17749, Visit 07, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 07) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 07) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 13 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 2.6,null		2113 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 13 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 2.6,null		2557 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 24 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

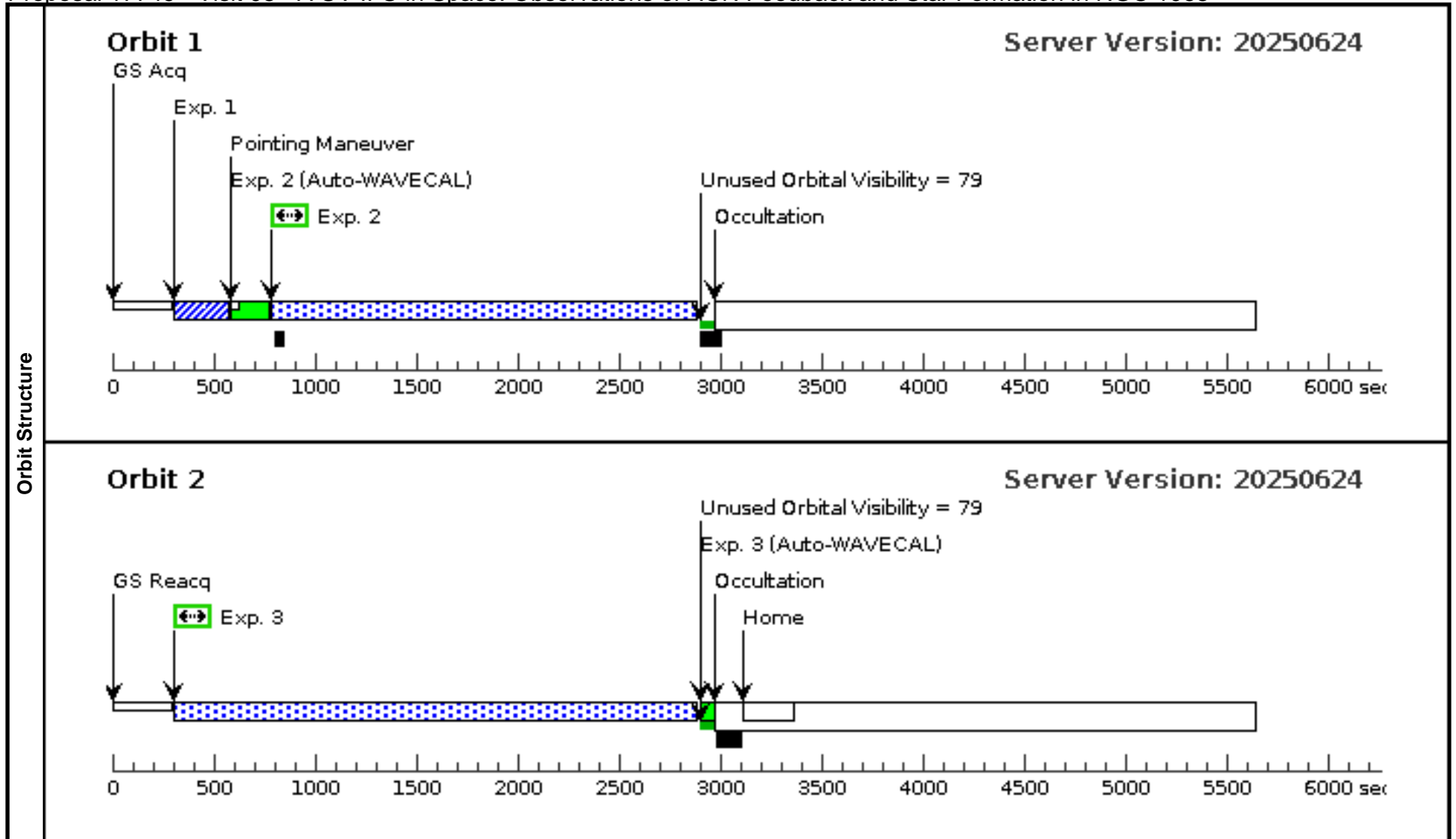
Visit	Proposal 17749, Visit 24, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 24) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 24) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 14 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 2.8,null		2557 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 14 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 2.8,null		2113 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 08 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

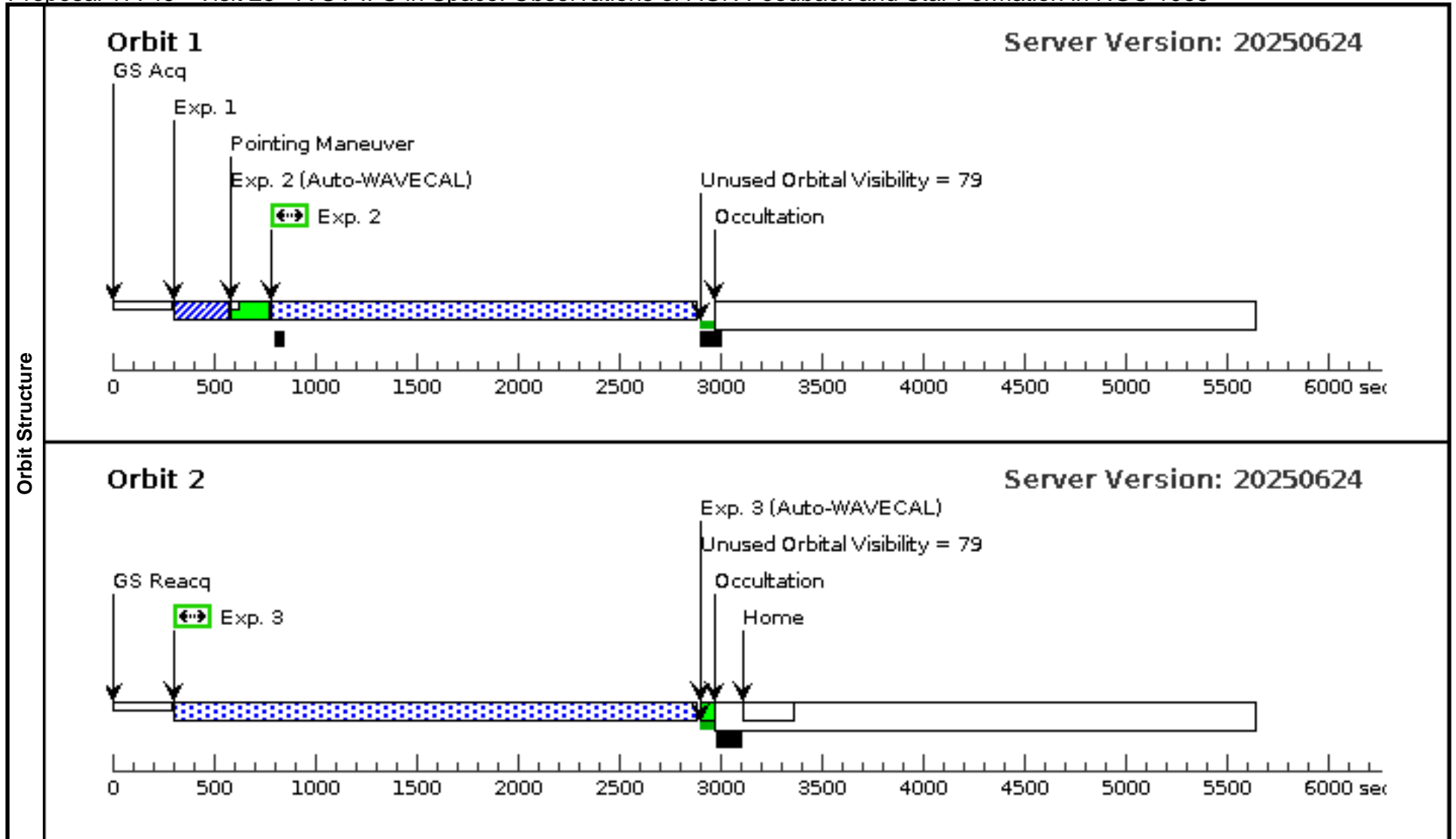
Visit	Proposal 17749, Visit 08, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 08) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 08) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 15 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 3.0,null		2113 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 15 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 3.0,null		2557 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 25 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

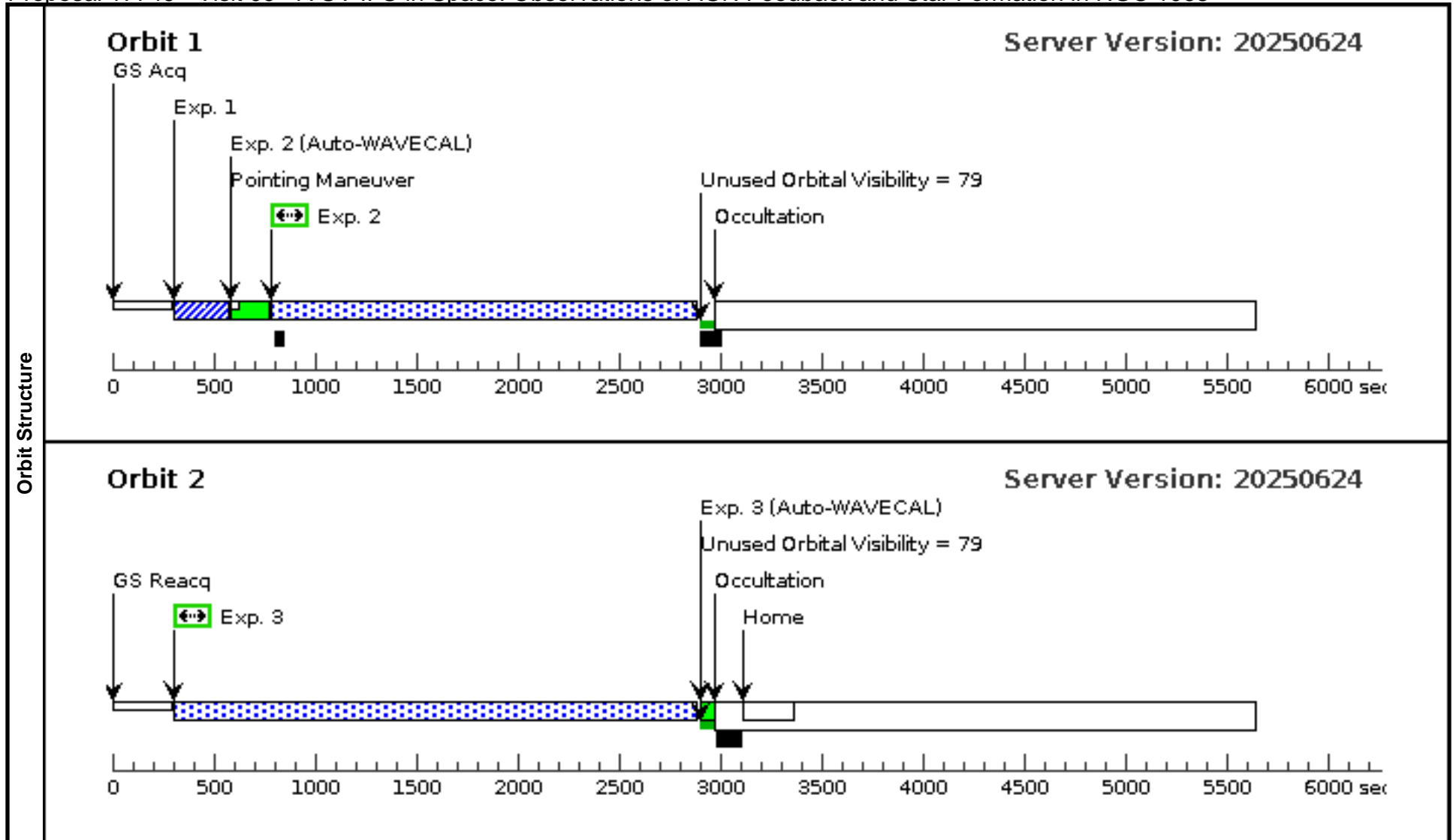
Visit	Proposal 17749, Visit 25, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 25) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 25) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 16 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 3.2,null		2557 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 16 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 3.2,null		2113 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 09 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

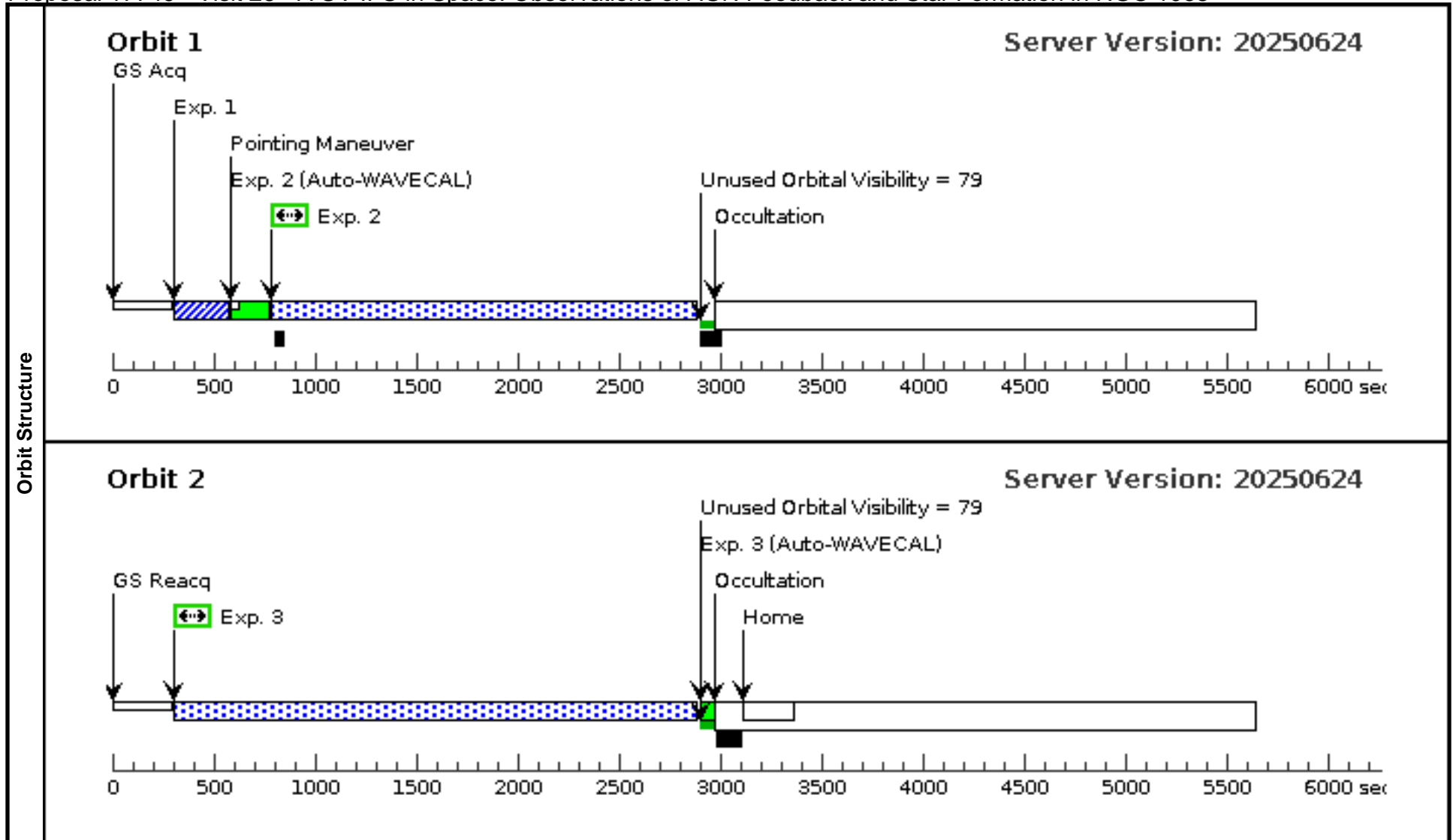
Visit	Proposal 17749, Visit 09, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 09) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 09) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 17 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 3.4,null		2113 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 17 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 3.4,null		2557 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 26 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

Visit	Proposal 17749, Visit 26, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 26) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 26) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 18 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 3.6,null		2557 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 18 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 3.6,null		2113 Secs (2571 Secs) [==>2571.0 Secs]	[2]



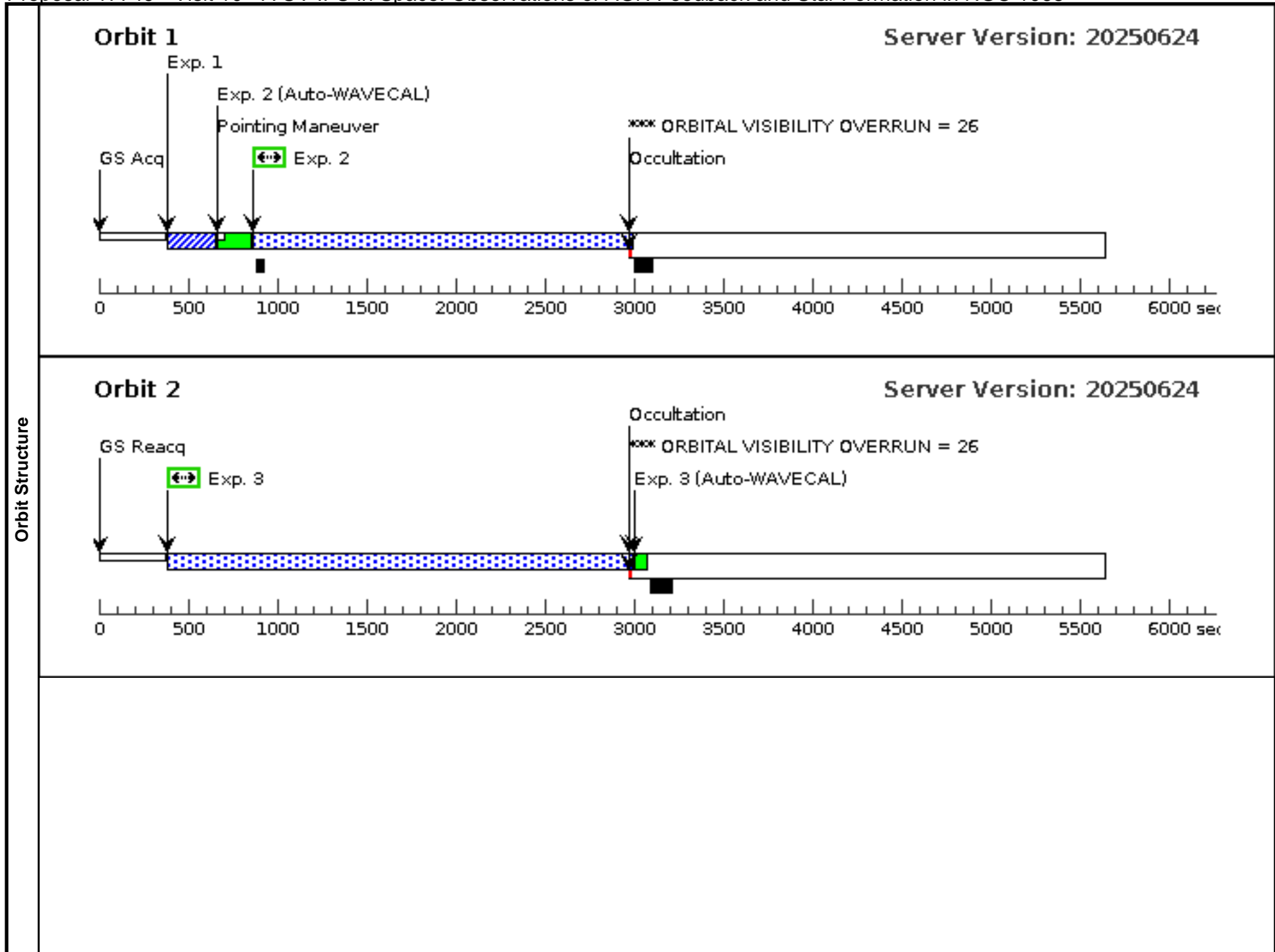
Proposal 17749 - Visit 10 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

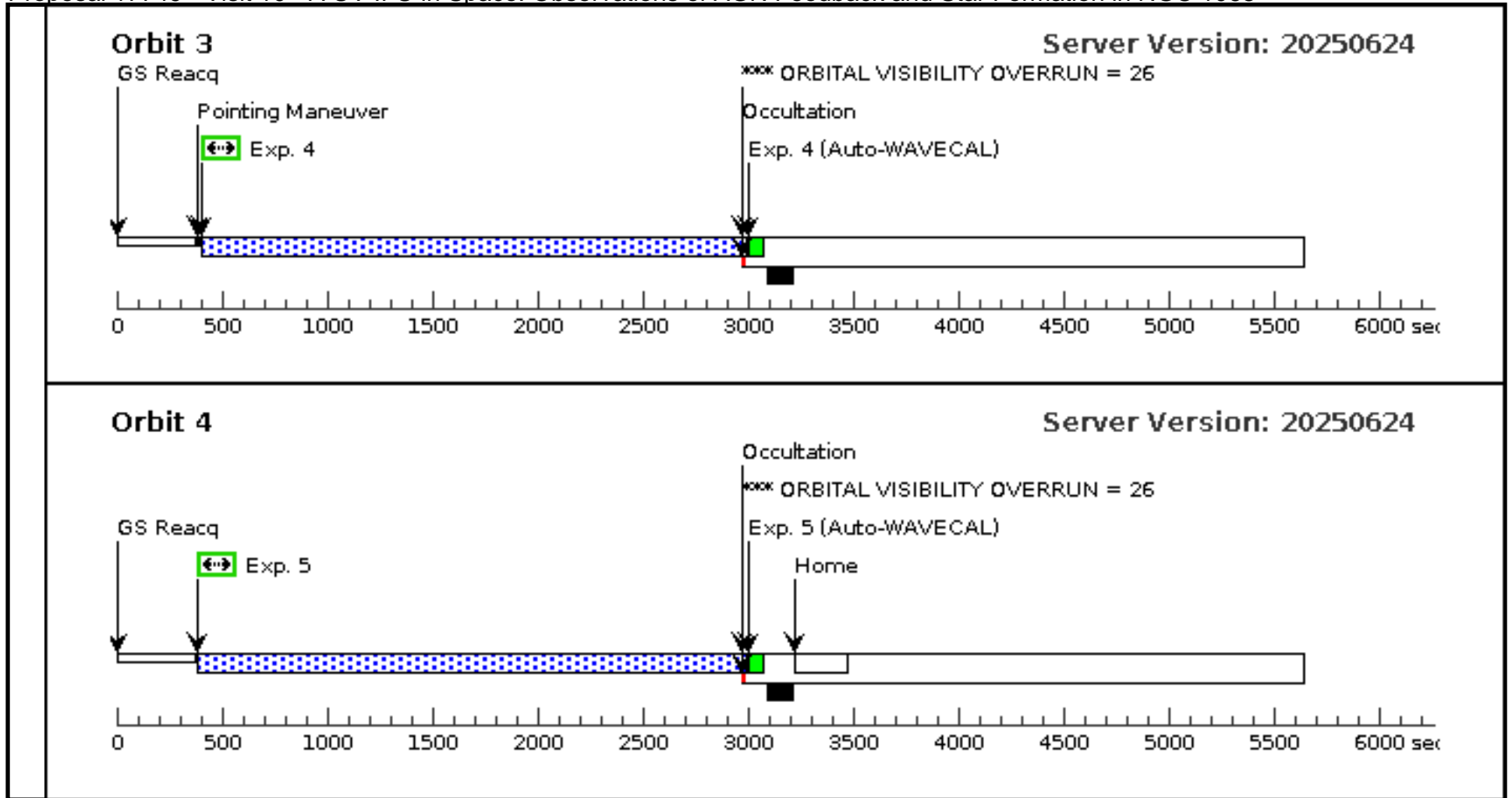
Mon Sep 29 18:00:37 GMT 2025

Visit	<p>Proposal 17749, Visit 10, completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD, STIS/FUV-MAMA</p> <p>Special Requirements: SAME ORIENT AS 01</p>																																			
	Diagnostics	<p>(Visit 10) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 10) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 10) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 10) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 10) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p> <p>(Visit 10) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p> <p>(Visit 10) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p> <p>(Visit 10) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p>																																		
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>(1)</td> <td>BD-00-413</td> <td>RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000</td> <td>Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000</td> <td>V=10.7</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p><i>Category=STAR</i> <i>Description=[G V-IV]</i> <i>Extended=NO</i></p> </td> </tr> <tr> <td>(2)</td> <td>NGC1068-SLIT-START</td> <td>Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec</td> <td></td> <td>V=8.87</td> <td>Offset Position (NGC1068-SLIT-START)</td> </tr> <tr> <td colspan="6"> <p><i>Comments:</i> <i>Category=GALAXY</i> <i>Description=[NLR, NUCLEUS, SEYFERT]</i> <i>Extended=YES</i></p> </td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p><i>Category=STAR</i> <i>Description=[G V-IV]</i> <i>Extended=NO</i></p>						(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)	<p><i>Comments:</i> <i>Category=GALAXY</i> <i>Description=[NLR, NUCLEUS, SEYFERT]</i> <i>Extended=YES</i></p>					
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Proposal 17749 - Visit 10 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR			GS ACQ SCENARI O BASE103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 19 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 10.4,null		2113 Secs (2113 Secs) [==>]	[1]
	3	SLIT 19 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 10.4,null		2557 Secs (2597 Secs) [==>2597.0 Secs]	[2]
	4	SLIT 20 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 10.6,null		2557 Secs (2577 Secs) [==>2577.0 Secs]	[3]
	5	SLIT 20 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 10.6,null		2113 Secs (2597 Secs) [==>2597.0 Secs]	[4]





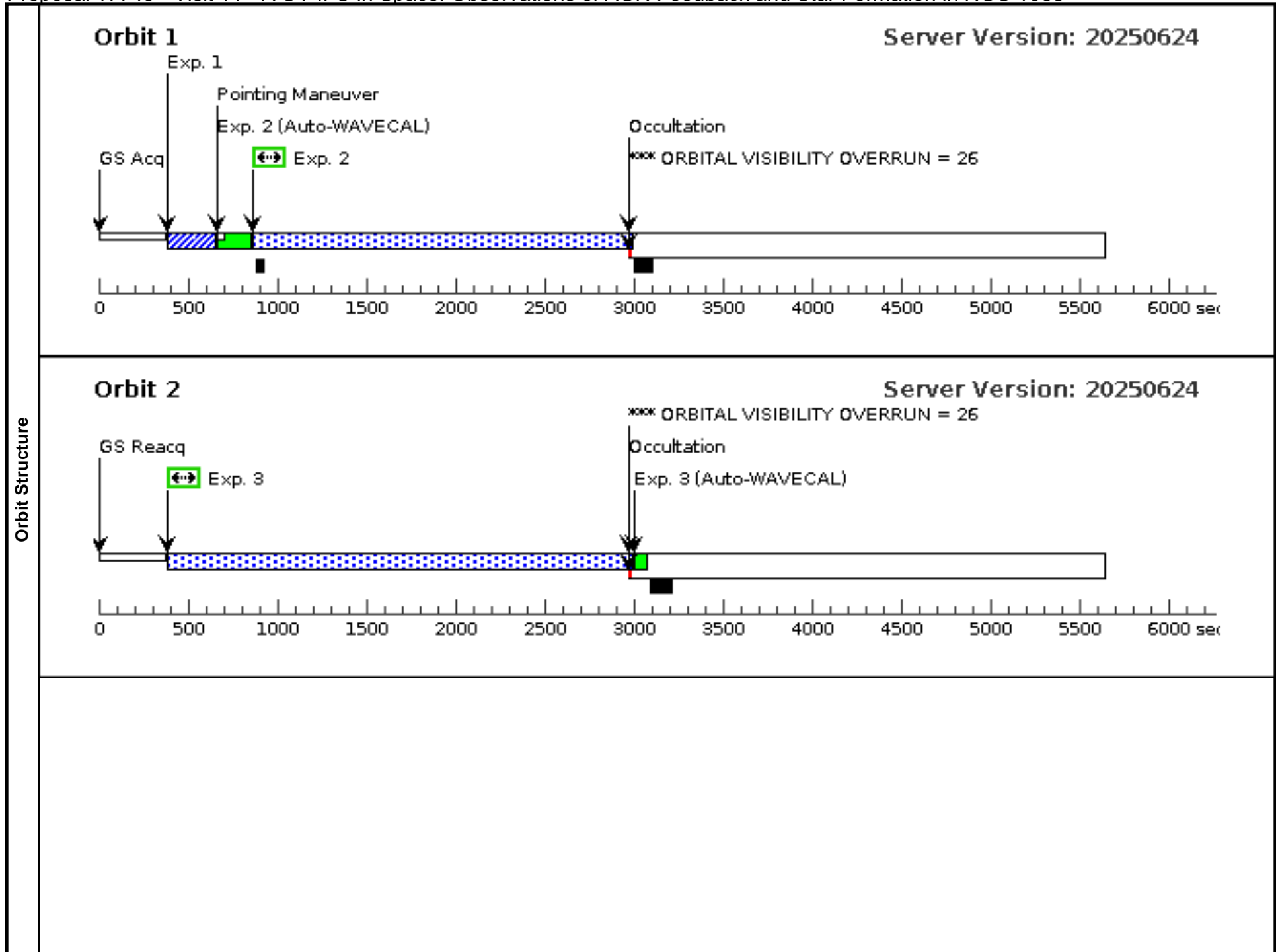
Proposal 17749 - Visit 11 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

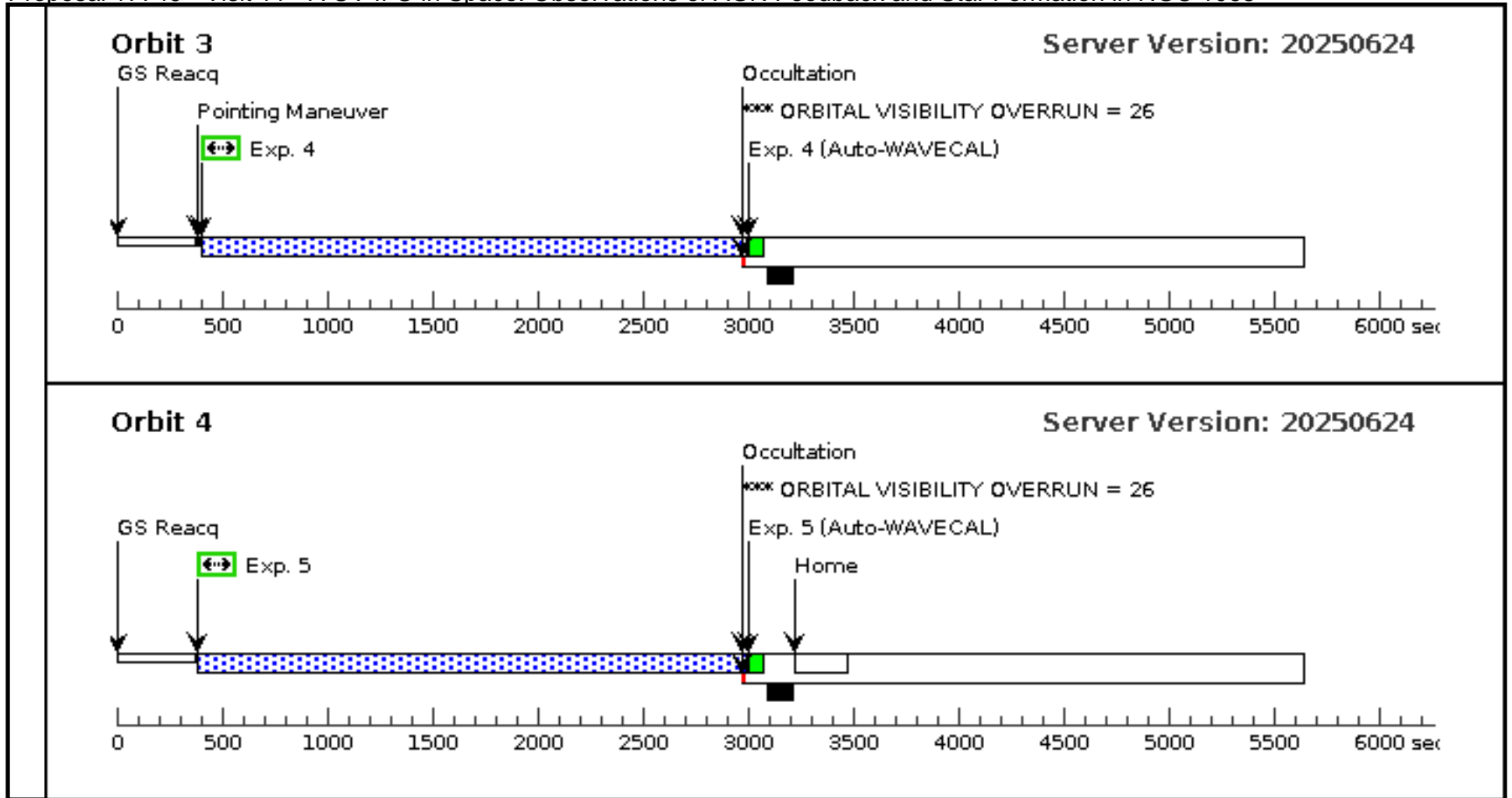
Mon Sep 29 18:00:37 GMT 2025

Visit	<p>Proposal 17749, Visit 11, completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD, STIS/FUV-MAMA</p> <p>Special Requirements: SAME ORIENT AS 01</p>																																		
	<p>(Visit 11) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 11) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 11) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 11) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 11) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p> <p>(Visit 11) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p> <p>(Visit 11) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p> <p>(Visit 11) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p>																																		
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Proposal 17749 - Visit 11 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR			GS ACQ SCENARI O BASE103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 21 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 10.8,null		2113 Secs (2113 Secs) [==>]	[1]
	3	SLIT 21 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 10.8,null		2557 Secs (2597 Secs) [==>2597.0 Secs]	[2]
	4	SLIT 22 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 11.0,null		2557 Secs (2577 Secs) [==>2577.0 Secs]	[3]
	5	SLIT 22 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 11.0,null		2113 Secs (2597 Secs) [==>2597.0 Secs]	[4]

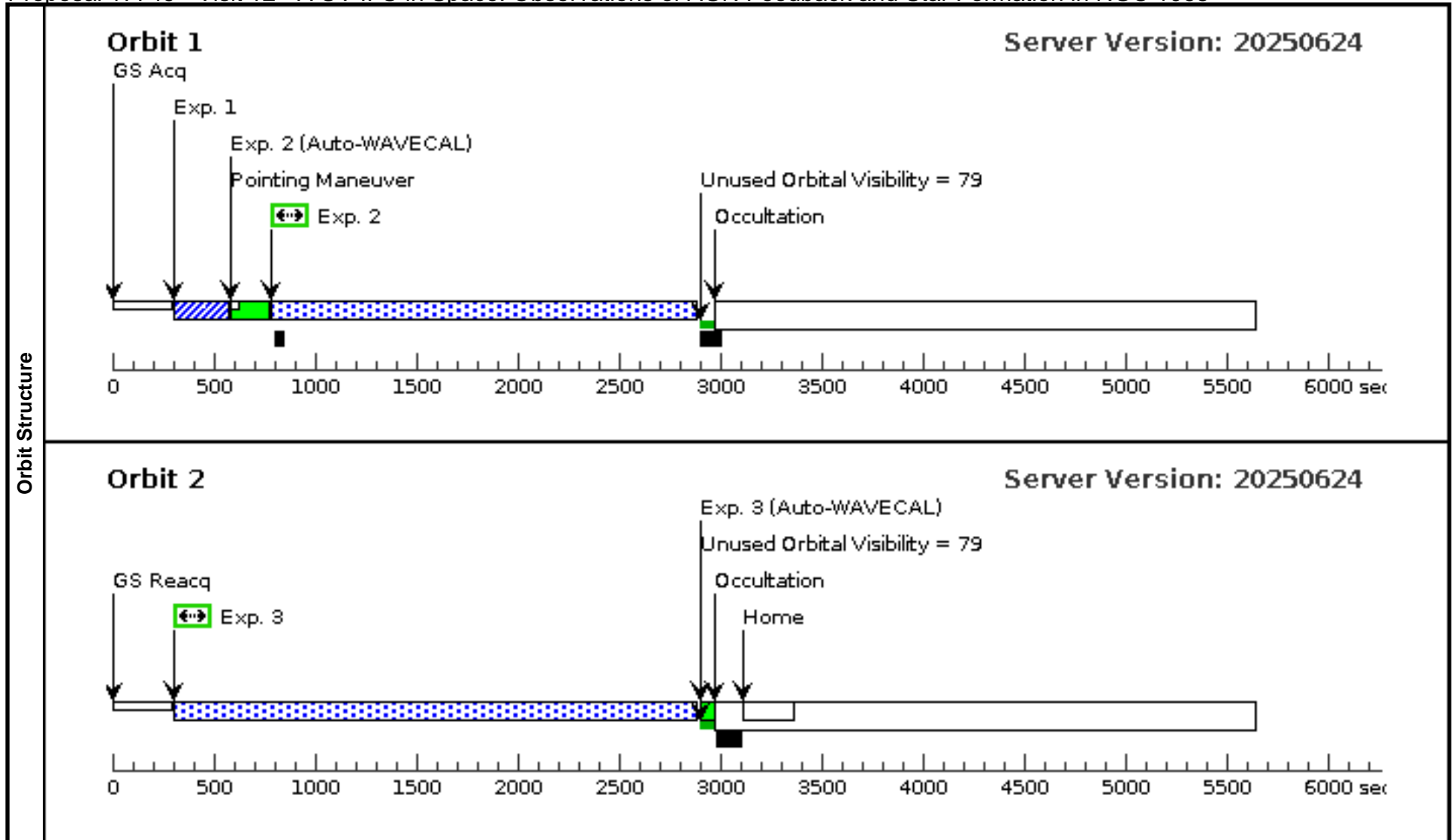




Proposal 17749 - Visit 12 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

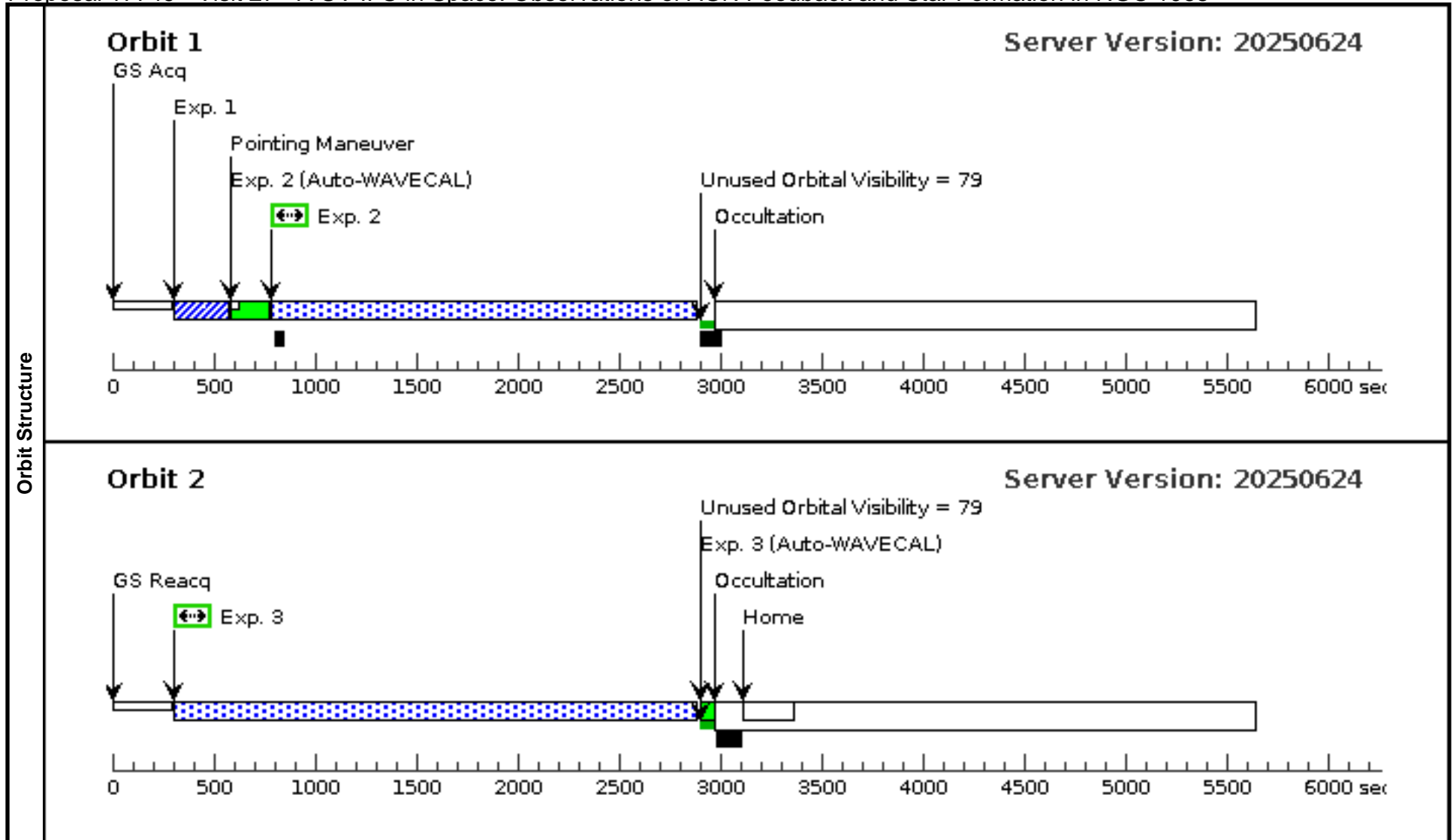
Visit	Proposal 17749, Visit 12, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 12) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 12) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000		V=10.7	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec			V=8.87	Offset Position (NGC1068-SLIT-START)				
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 23 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 11.2,null		2113 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 23 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 11.2,null		2557 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 27 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

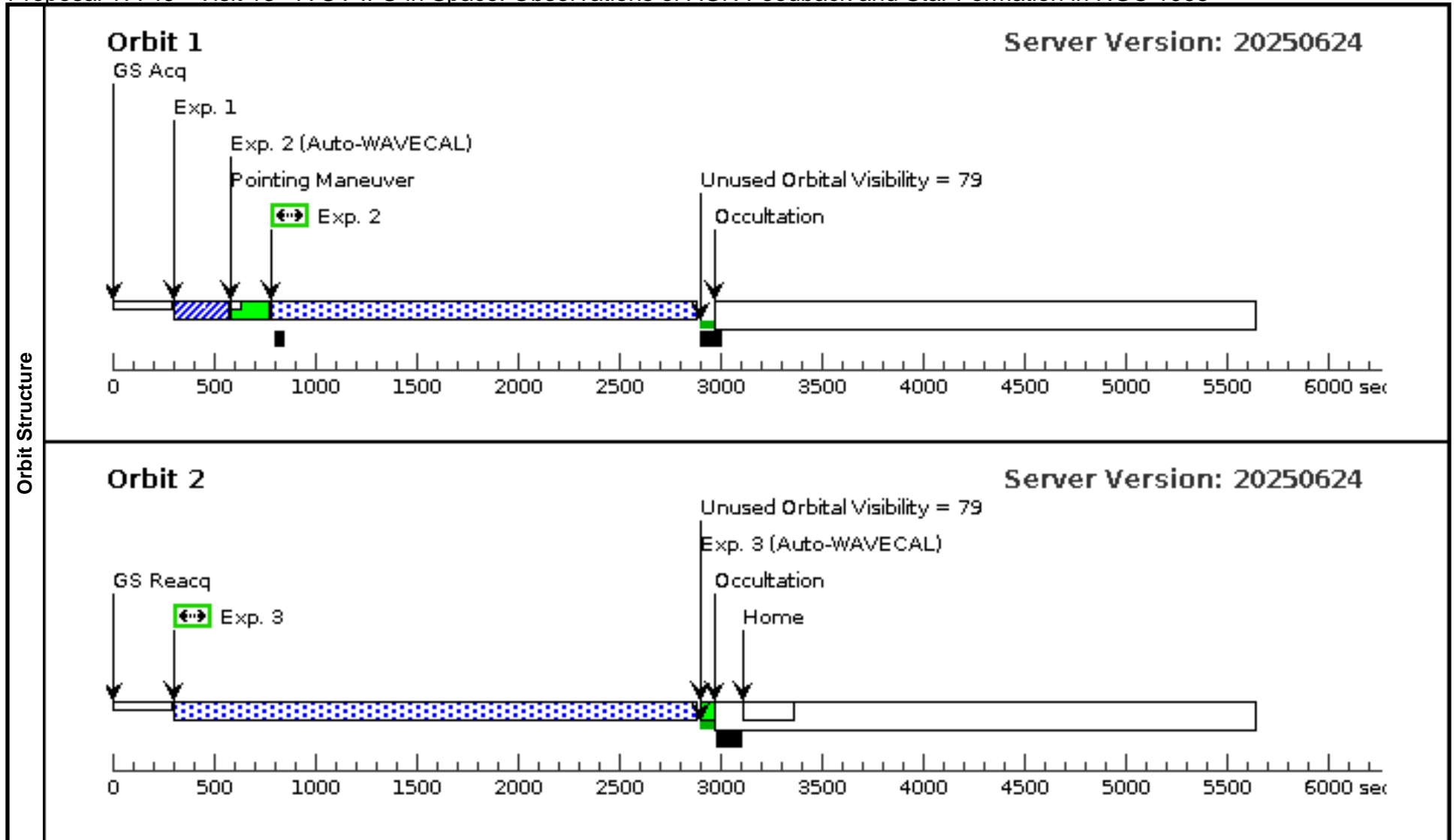
Visit	Proposal 17749, Visit 27, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 27) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 27) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 24 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 11.4,null		2557 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 24 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 11.4,null		2113 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 13 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

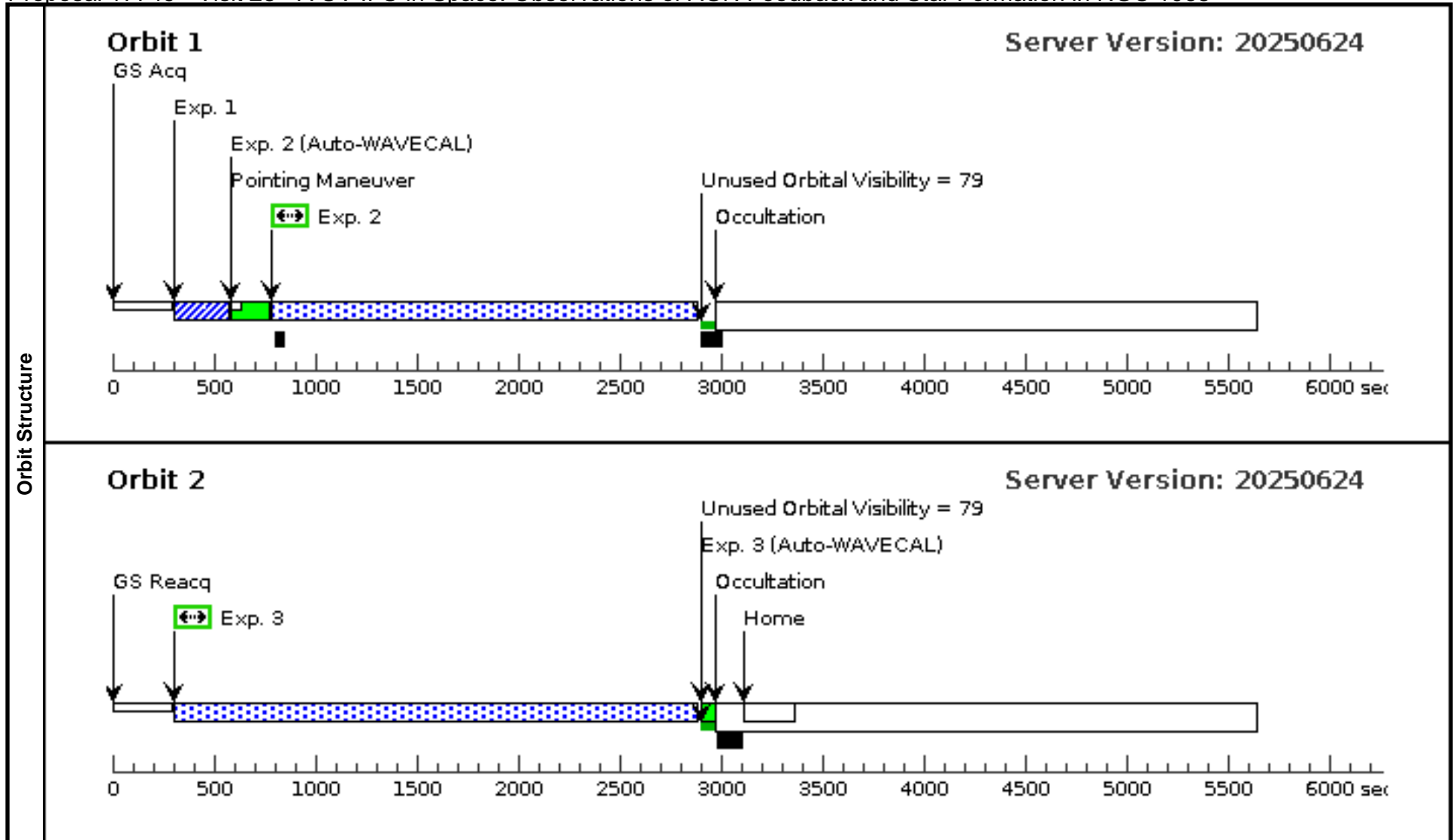
Visit	Proposal 17749, Visit 13, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 13) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 13) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000		V=10.7	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec			V=8.87	Offset Position (NGC1068-SLIT-START)				
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 25 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 11.6,null		2113 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 25 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 11.6,null		2557 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 28 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

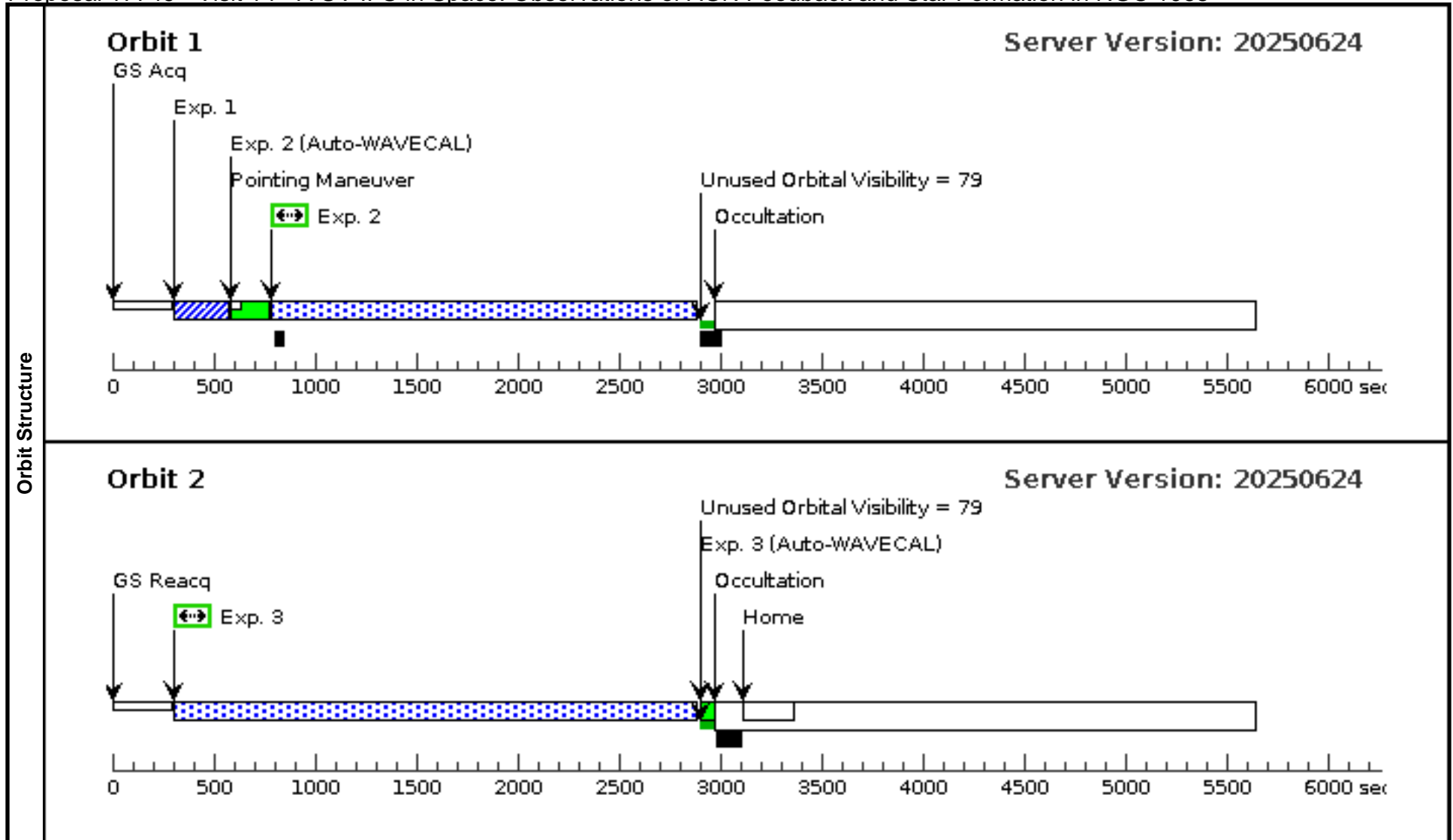
Visit	Proposal 17749, Visit 28, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 28) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 28) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 26 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 11.8,null		2557 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 26 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 11.8,null		2113 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 14 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

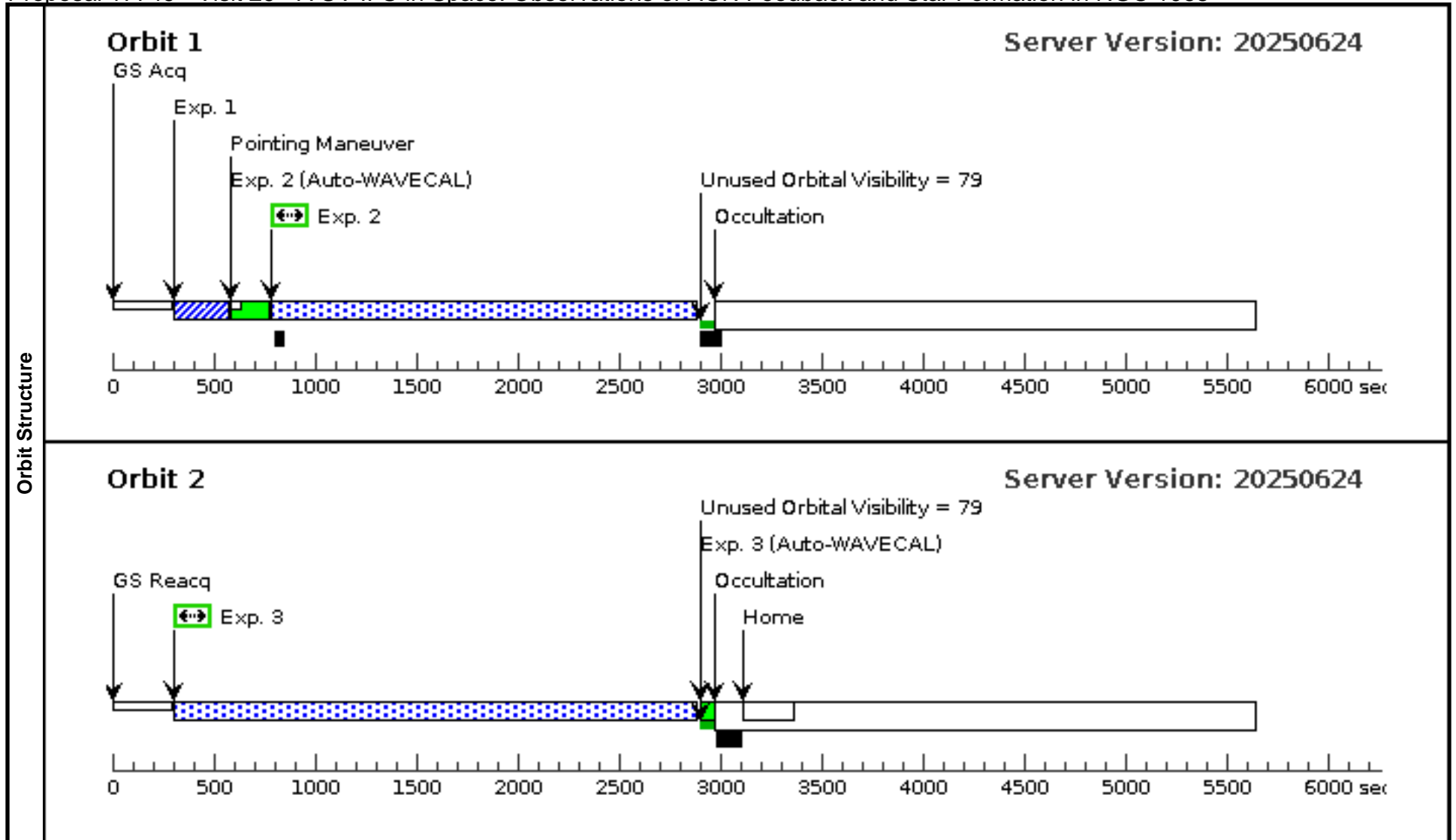
Visit	Proposal 17749, Visit 14, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 14) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 14) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes	Miscellaneous			
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000		V=10.7	Reference Frame: ICRS			
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec			V=8.87	Offset Position (NGC1068-SLIT-START)				
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 27 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 12.0,null		2113 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 27 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 12.0,null		2557 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 29 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

Visit	Proposal 17749, Visit 29, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 29) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 29) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 28 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 12.2,null		2557 Secs (2087 Secs) [==>2087.0 Secs]	[1]
	3	SLIT 28 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 12.2,null		2113 Secs (2571 Secs) [==>2571.0 Secs]	[2]



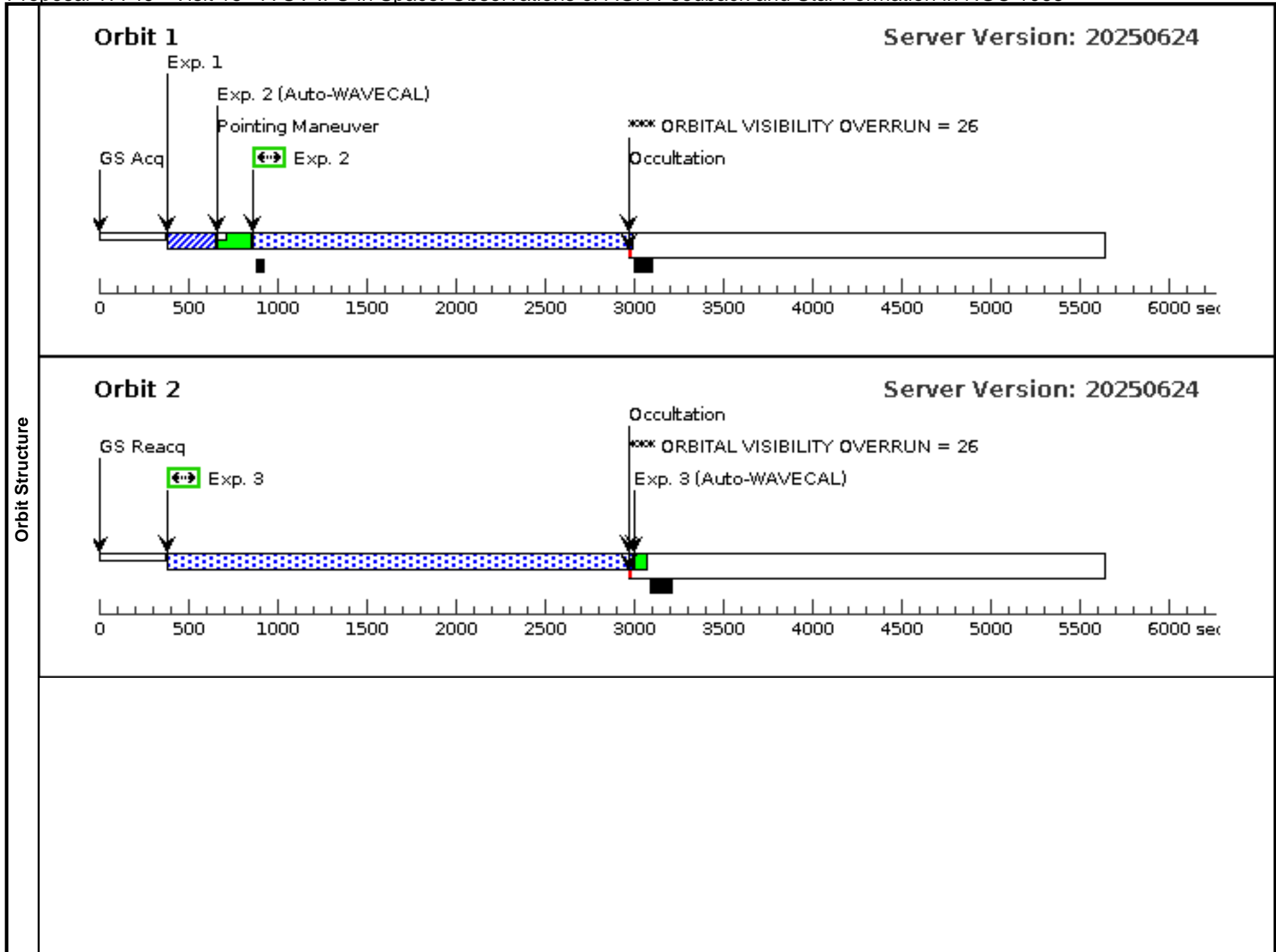
Proposal 17749 - Visit 15 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

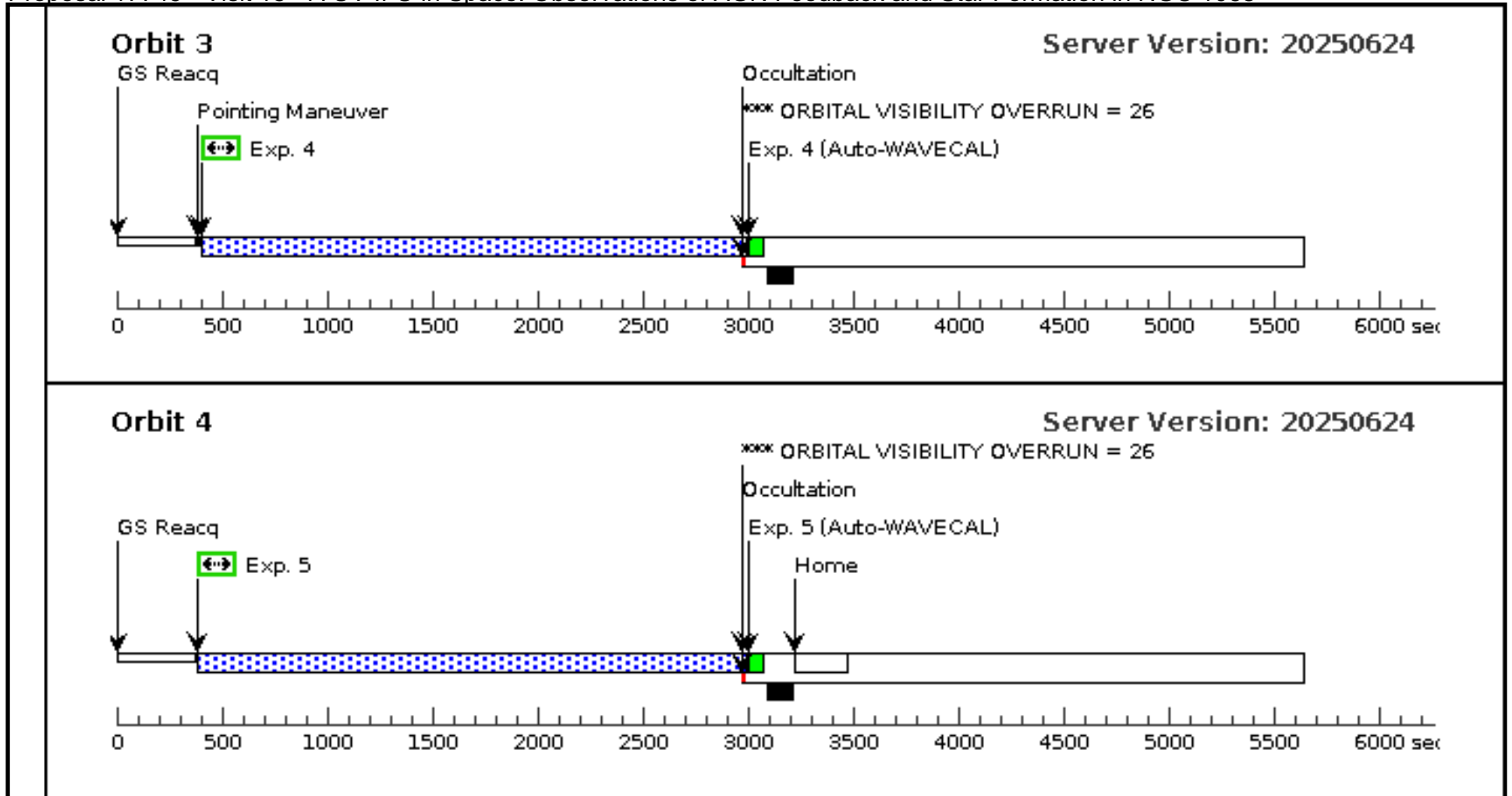
Mon Sep 29 18:00:37 GMT 2025

Visit	<p>Proposal 17749, Visit 15, completed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD, STIS/FUV-MAMA</p> <p>Special Requirements: SAME ORIENT AS 01</p>																																			
	Diagnostics	<p>(Visit 15) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 15) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 15) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 15) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN</p> <p>(Visit 15) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p> <p>(Visit 15) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p> <p>(Visit 15) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p> <p>(Visit 15) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE</p>																																		
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>(1)</td> <td>BD-00-413</td> <td>RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000</td> <td>Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000</td> <td>V=10.7</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p><i>Category=STAR</i> <i>Description=[G V-IV]</i> <i>Extended=NO</i></p> </td> </tr> <tr> <td>(2)</td> <td>NGC1068-SLIT-START</td> <td>Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec</td> <td></td> <td>V=8.87</td> <td>Offset Position (NGC1068-SLIT-START)</td> </tr> <tr> <td colspan="6"> <p><i>Comments:</i> <i>Category=GALAXY</i> <i>Description=[NLR, NUCLEUS, SEYFERT]</i> <i>Extended=YES</i></p> </td> </tr> </tbody> </table>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p><i>Category=STAR</i> <i>Description=[G V-IV]</i> <i>Extended=NO</i></p>						(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)	<p><i>Comments:</i> <i>Category=GALAXY</i> <i>Description=[NLR, NUCLEUS, SEYFERT]</i> <i>Extended=YES</i></p>					
		#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																													
(1)		BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS																														
<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p><i>Category=STAR</i> <i>Description=[G V-IV]</i> <i>Extended=NO</i></p>																																				
(2)		NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)																														
<p><i>Comments:</i> <i>Category=GALAXY</i> <i>Description=[NLR, NUCLEUS, SEYFERT]</i> <i>Extended=YES</i></p>																																				

Proposal 17749 - Visit 15 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR			GS ACQ SCENARI O BASE103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 29 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 12.4,null		2113 Secs (2113 Secs) [==>]	[1]
	3	SLIT 29 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 12.4,null		2557 Secs (2597 Secs) [==>2597.0 Secs]	[2]
	4	SLIT 30 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 12.6,null		2557 Secs (2577 Secs) [==>2577.0 Secs]	[3]
	5	SLIT 30 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A			POS TARG 12.6,null		2113 Secs (2597 Secs) [==>2597.0 Secs]	[4]





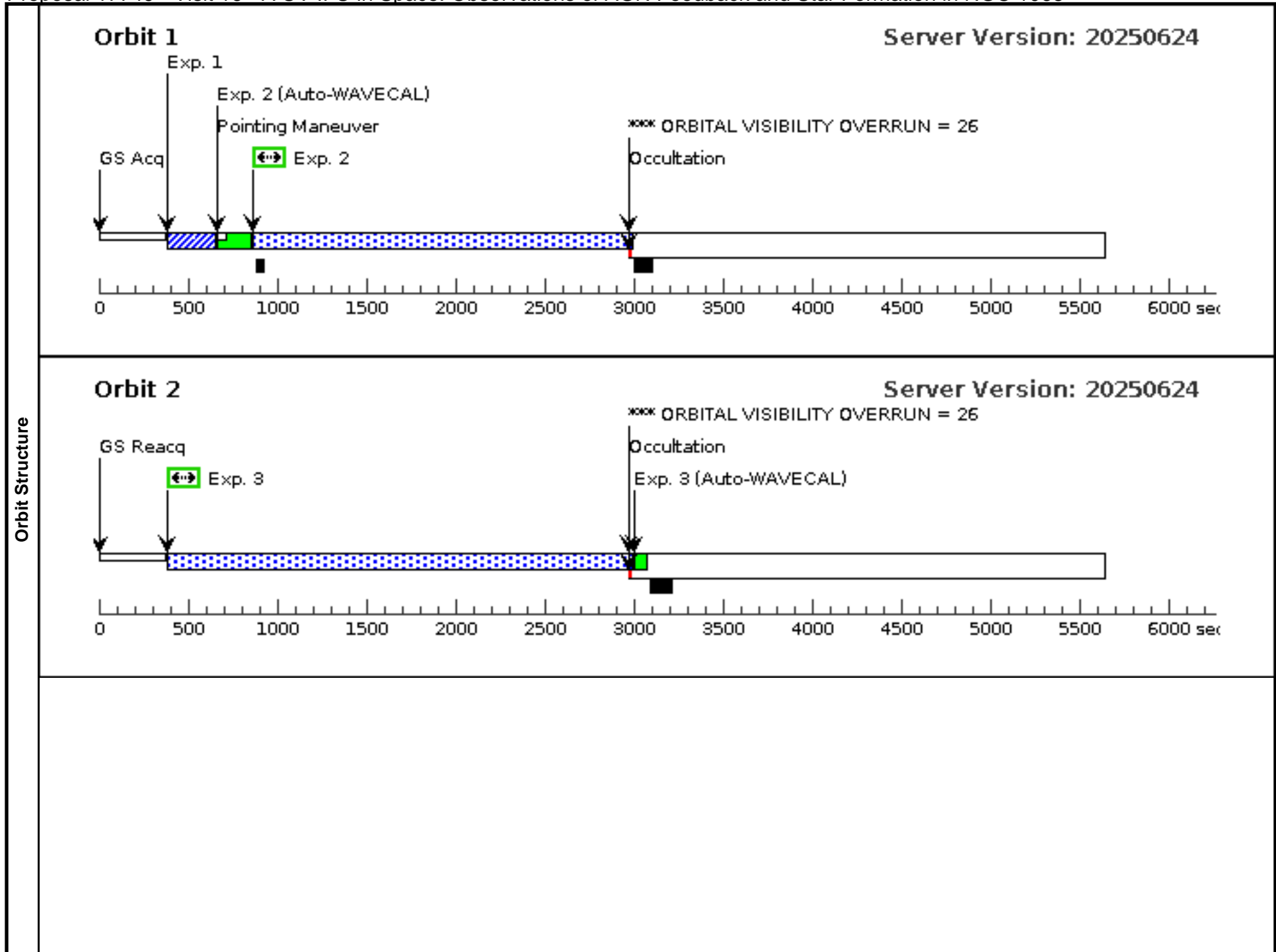
Proposal 17749 - Visit 16 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

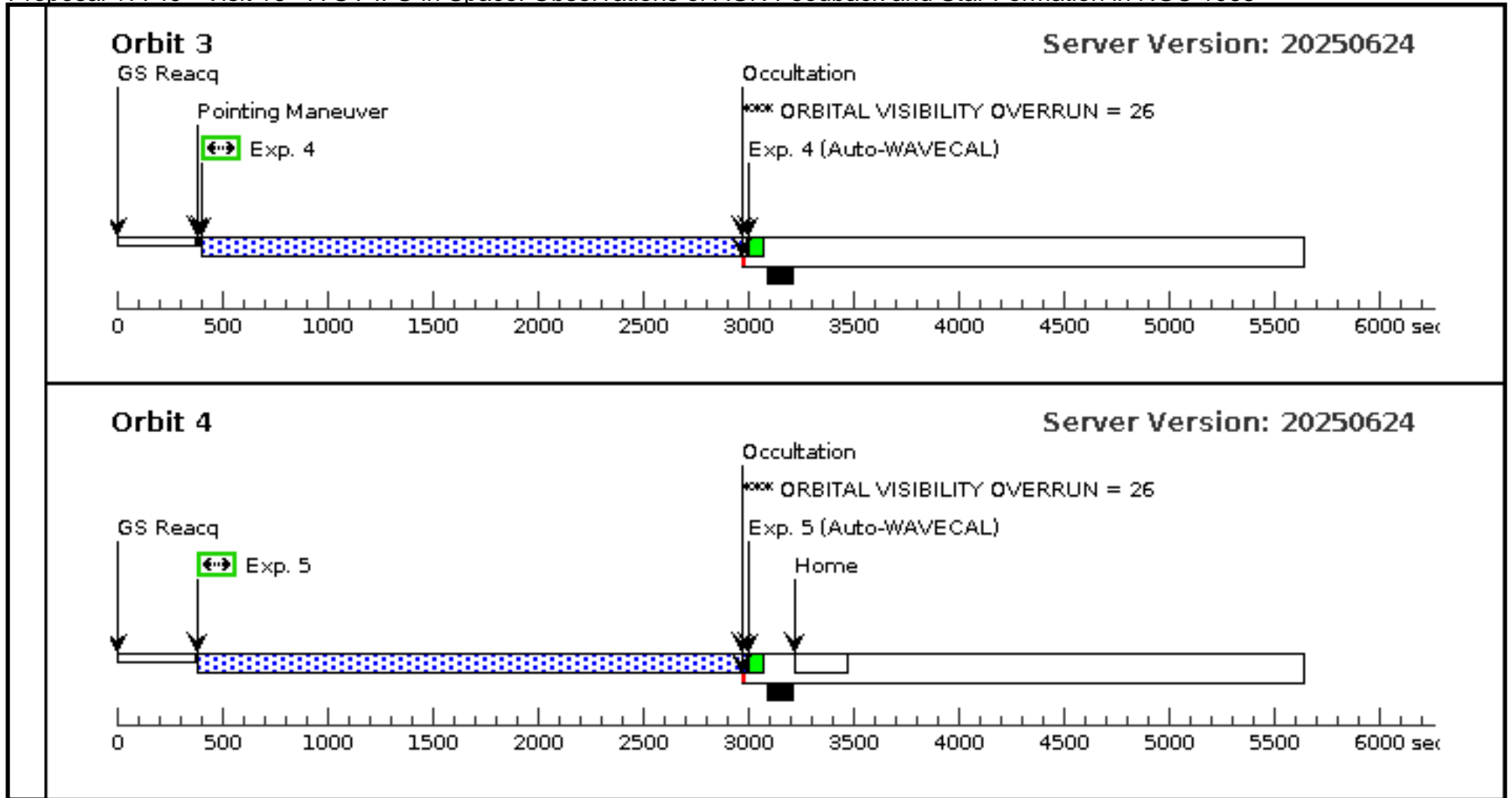
Mon Sep 29 18:00:37 GMT 2025

Visit	<p>Proposal 17749, Visit 16, failed</p> <p>Diagnostic Status: Warning</p> <p>Scientific Instruments: STIS/CCD, STIS/FUV-MAMA</p> <p>Special Requirements: SAME ORIENT AS 01</p>					
	Diagnostics	(Visit 16) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
(Visit 16) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
(Visit 16) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
(Visit 16) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN						
(Visit 16) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE						
(Visit 16) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE						
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Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS
	<p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i></p> <p><i>SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.</i></p> <p><i>Category=STAR</i> <i>Description=[G V-IV]</i> <i>Extended=NO</i></p>					
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)	
<p><i>Comments:</i> <i>Category=GALAXY</i> <i>Description=[NLR, NUCLEUS, SEYFERT]</i> <i>Extended=YES</i></p>						

Proposal 17749 - Visit 16 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
Exposures	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O BASE103		3 Secs (3 Secs)	[==>]	[1]
	2	SLIT 31 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 12.8,null		2113 Secs (2113 Secs)	[==>]	[1]
	3	SLIT 31 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 12.8,null		2557 Secs (2597 Secs)	[==>2597.0 Secs]	[2]
	4	SLIT 32 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 13.0,null		2557 Secs (2577 Secs)	[==>2577.0 Secs]	[3]
	5	SLIT 32 - E XPOSURE 2 (sp.1931062)	(2) NGC1068-SLIT- START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 13.0,null		2113 Secs (2597 Secs)	[==>2597.0 Secs]	[4]

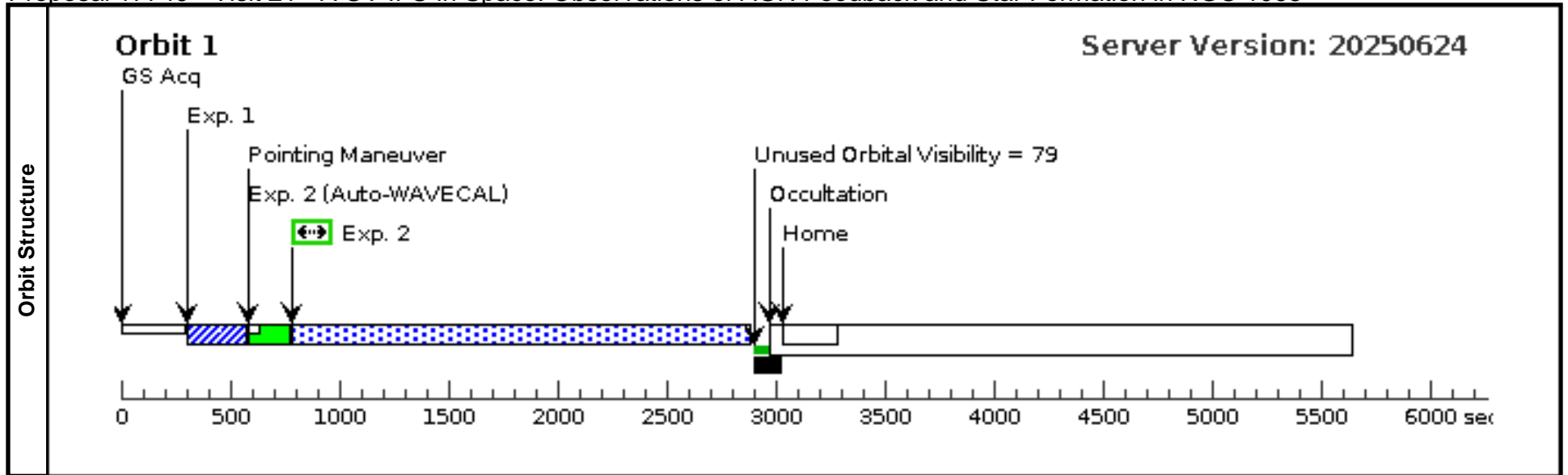




Proposal 17749 - Visit 21 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

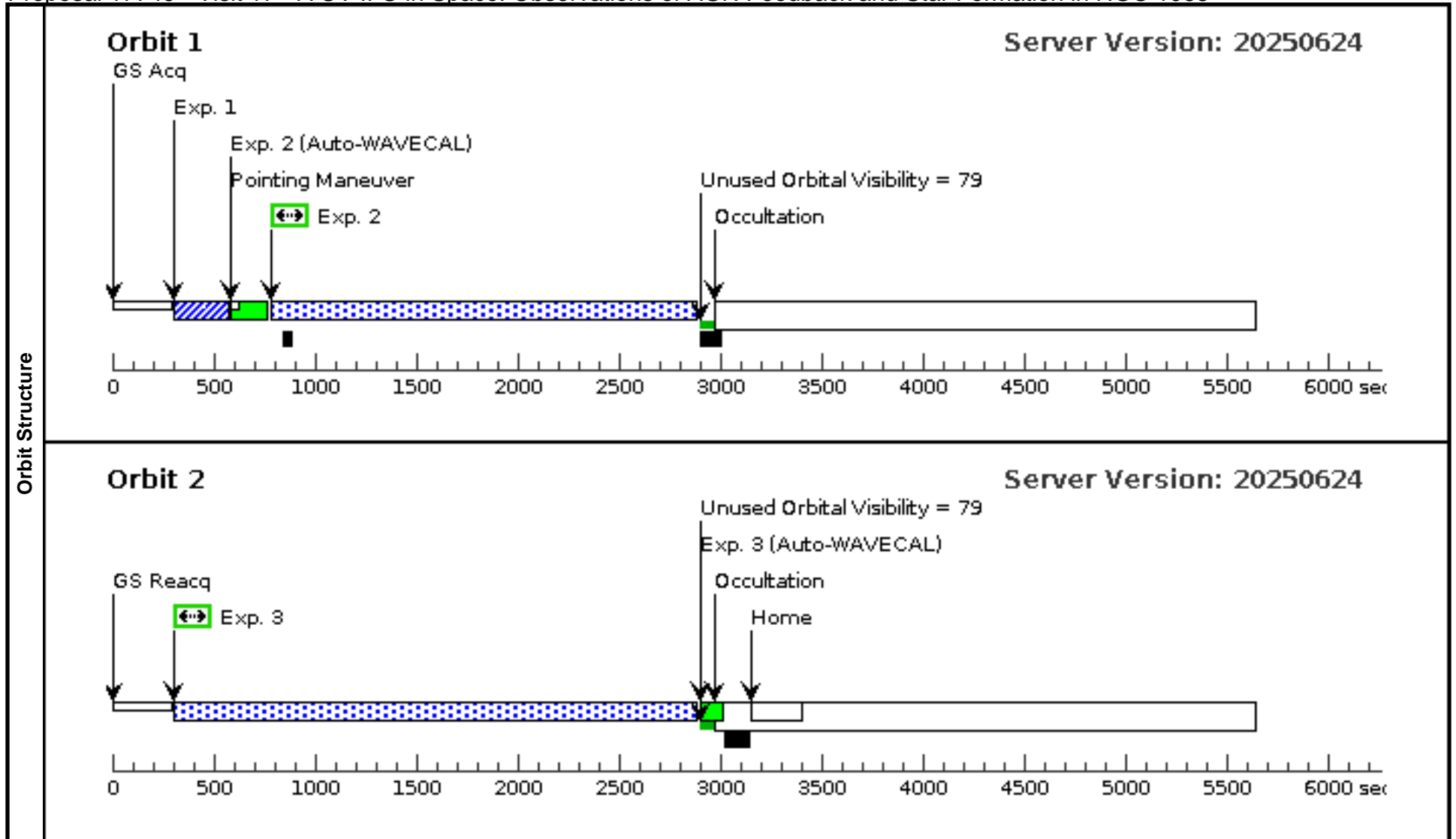
Visit	Proposal 17749, Visit 21, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01																																																											
	Diagnosics (Visit 21) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE																																																											
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>(1)</td> <td>BD-00-413</td> <td>RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000</td> <td>Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000</td> <td>V=10.7</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO </td> </tr> <tr> <td>(2)</td> <td>NGC1068-SLIT-START</td> <td>Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec</td> <td></td> <td>V=8.87</td> <td>Offset Position (NGC1068-SLIT-START)</td> </tr> <tr> <td colspan="6"> <i>Comments:</i> Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO						(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)	<i>Comments:</i> Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES																									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																																																						
(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS																																																							
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<i>Comments:</i> Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES																																																												
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>TA (ta.1931061)</td> <td>(1) BD-00-413</td> <td>STIS/CCD, ACQ, F28X500II</td> <td>MIRROR</td> <td></td> <td>GS ACQ SCENARI O ONEB1O3</td> <td></td> <td>3 Secs (3 Secs)</td> <td></td> </tr> <tr> <td colspan="8"></td> <td>[==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>SLIT 31 - E XPOSURE 1 (sp.1931062)</td> <td>(2) NGC1068-SLIT-START</td> <td>STIS/FUV-MAMA, ACCUM, 52X0.2</td> <td>G140L 1425 A</td> <td></td> <td>POS TARG 12.8,null</td> <td></td> <td>2113 Secs (2087 Secs)</td> <td></td> </tr> <tr> <td colspan="8"></td> <td>[==>2087.0 Secs]</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	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB1O3		3 Secs (3 Secs)										[==>]	[1]	2	SLIT 31 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 12.8,null		2113 Secs (2087 Secs)										[==>2087.0 Secs]	[1]
	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																																		
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB1O3		3 Secs (3 Secs)																																																			
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2	SLIT 31 - E XPOSURE 1 (sp.1931062)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X0.2	G140L 1425 A		POS TARG 12.8,null		2113 Secs (2087 Secs)																																																				
								[==>2087.0 Secs]	[1]																																																			



Proposal 17749 - Visit 17 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

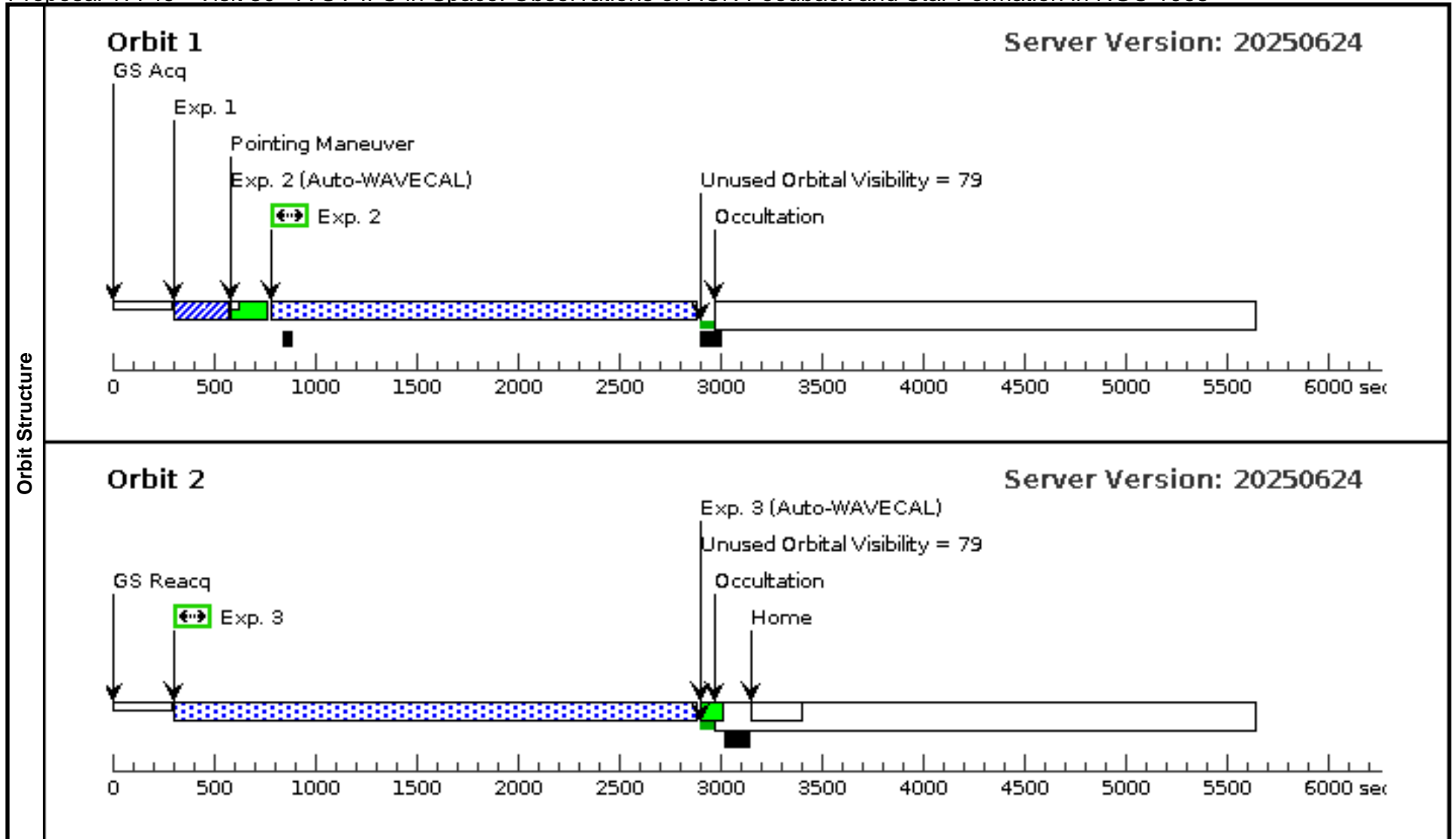
Visit	Proposal 17749, Visit 17, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 17) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 17) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
<i>Comments:</i> Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 33 - E XPOSURE 1 (sp.1931067)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A		POS TARG 4.9,null		2113 Secs (2049 Secs) [==>2049.0 Secs]	[1]
	3	SLIT 33 - E XPOSURE 2 (sp.1931067)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A		POS TARG 4.9,null		2557 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 30 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

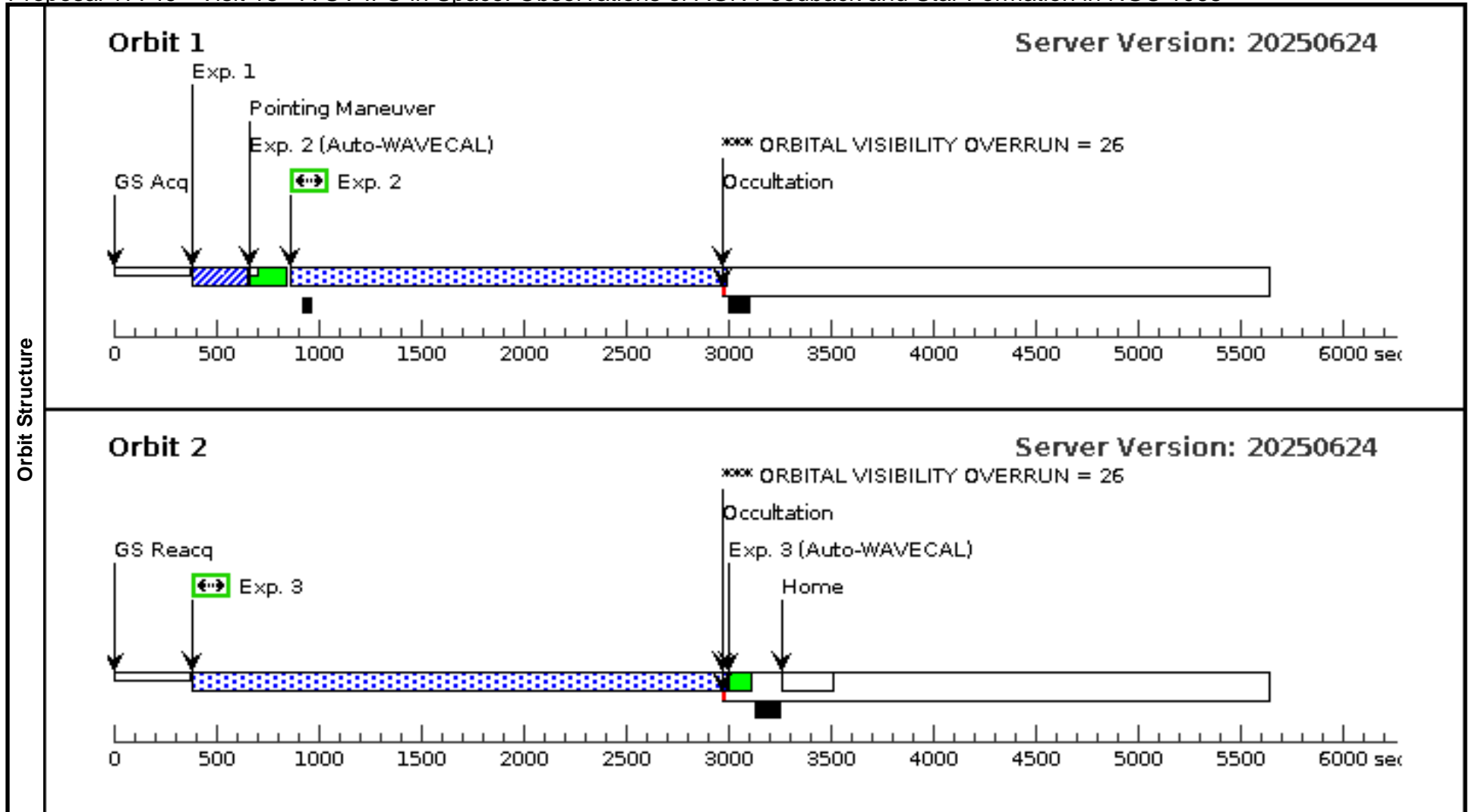
Visit	Proposal 17749, Visit 30, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01									
	(Visit 30) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 30) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE									
Diagnostics										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS				
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO										
(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)					
Comments: Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O ONEB103		3 Secs (3 Secs) [==>]	[1]
	2	SLIT 34 - E XPOSURE 1 (sp.1931067)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A		POS TARG 7.0,null		2557 Secs (2049 Secs) [==>2049 Secs]	[1]
	3	SLIT 34 - E XPOSURE 2 (sp.1931067)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A		POS TARG 7.0,null		2113 Secs (2571 Secs) [==>2571.0 Secs]	[2]



Proposal 17749 - Visit 18 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

Visit	Proposal 17749, Visit 18, failed Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01																																																	
	Diagnostics	(Visit 18) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 18) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (Visit 18) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE (Visit 18) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE																																																
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>(1)</td> <td>BD-00-413</td> <td>RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000</td> <td>Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000</td> <td>V=10.7</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO </td> </tr> <tr> <td>(2)</td> <td>NGC1068-SLIT-START</td> <td>Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec</td> <td></td> <td>V=8.87</td> <td>Offset Position (NGC1068-SLIT-START)</td> </tr> <tr> <td colspan="6"> <i>Comments:</i> Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM. Category=STAR Description=[G V-IV] Extended=NO						(2)	NGC1068-SLIT-START	Offset from BD-00-413 RA Offset: -0.0208 Degrees Dec Offset: 38.1 Arcsec		V=8.87	Offset Position (NGC1068-SLIT-START)	<i>Comments:</i> Category=GALAXY Description=[NLR, NUCLEUS, SEYFERT] Extended=YES														
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(1)	BD-00-413	RA: 02 42 46.0002 (40.6916675d) Dec: -00 01 23.53 (-.02320d) Equinox: J2000	Proper Motion RA: -10.633 mas/yr Proper Motion Dec: -11.611000059019716 mas/yr Parallax: 0.0036876" Epoch of Position: 2000	V=10.7	Reference Frame: ICRS																																													
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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>TA (ta.1931061)</td> <td>(1) BD-00-413</td> <td>STIS/CCD, ACQ, F28X500II</td> <td>MIRROR</td> <td></td> <td>GS ACQ SCENARI O BASE103</td> <td></td> <td>3 Secs (3 Secs) [==>]</td> <td>[1]</td> </tr> <tr> <td>2</td> <td>SLIT 35 - E XPOSURE 1 (sp.1931067)</td> <td>(2) NGC1068-SLIT-START</td> <td>STIS/FUV-MAMA, ACCUM, 52X2</td> <td>G140L 1425 A</td> <td></td> <td>POS TARG 9.1,null</td> <td></td> <td>2113 Secs (2075 Secs) [==>2075.0 Secs]</td> <td>[1]</td> </tr> <tr> <td>3</td> <td>SLIT 35 - E XPOSURE 2 (sp.1931067)</td> <td>(2) NGC1068-SLIT-START</td> <td>STIS/FUV-MAMA, ACCUM, 52X2</td> <td>G140L 1425 A</td> <td></td> <td>POS TARG 9.1,null</td> <td></td> <td>2557 Secs (2597 Secs) [==>2597.0 Secs]</td> <td>[2]</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	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O BASE103		3 Secs (3 Secs) [==>]	[1]	2	SLIT 35 - E XPOSURE 1 (sp.1931067)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A		POS TARG 9.1,null		2113 Secs (2075 Secs) [==>2075.0 Secs]	[1]	3	SLIT 35 - E XPOSURE 2 (sp.1931067)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A		POS TARG 9.1,null		2557 Secs (2597 Secs) [==>2597.0 Secs]	[2]
	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																																								
	1	TA (ta.1931061)	(1) BD-00-413	STIS/CCD, ACQ, F28X500II	MIRROR		GS ACQ SCENARI O BASE103		3 Secs (3 Secs) [==>]	[1]																																								
	2	SLIT 35 - E XPOSURE 1 (sp.1931067)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A		POS TARG 9.1,null		2113 Secs (2075 Secs) [==>2075.0 Secs]	[1]																																								
3	SLIT 35 - E XPOSURE 2 (sp.1931067)	(2) NGC1068-SLIT-START	STIS/FUV-MAMA, ACCUM, 52X2	G140L 1425 A		POS TARG 9.1,null		2557 Secs (2597 Secs) [==>2597.0 Secs]	[2]																																									



Proposal 17749 - Visit 22 - A UV IFU in Space: Observations of AGN Feedback and Star Formation in NGC 1068

Mon Sep 29 18:00:37 GMT 2025

Visit	Proposal 17749, Visit 22, implementation Diagnostic Status: Warning Scientific Instruments: STIS/CCD, STIS/FUV-MAMA Special Requirements: SAME ORIENT AS 01																																																											
	Diagnosics (Visit 22) Warning (Orbit Planner): POS TARG OUTSIDE OF APERTURE																																																											
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