



17487 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around Quasars

Cycle: 31, Proposal Category: GO

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:28.0	yes
02	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:29.0	yes
03	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:29.0	yes
04	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:30.0	yes
05	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:30.0	yes
06	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:31.0	yes
07	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:31.0	yes

Proposal 17487 (STScI Edit Number: 5, Created: Tuesday, April 2, 2024 at 11:00:56 AM Eastern Standard Time) - Overview

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
08	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:32.0	yes
09	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:32.0	yes
10	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:33.0	yes
11	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:33.0	yes
12	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:34.0	yes
13	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:34.0	yes
14	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:35.0	yes
15	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:36.0	yes
16	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:36.0	yes

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<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>
17	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:37.0	yes
18	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:37.0	yes
19	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:38.0	yes
20	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:38.0	yes
21	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:39.0	yes
22	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:40.0	yes
23	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:40.0	yes
24	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:41.0	yes
25	(1) SDSSRM-392 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:41.0	yes

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<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>
26	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:42.0	yes
27	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:42.0	yes
28	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:43.0	yes
29	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:43.0	yes
30	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:44.0	yes
31	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:45.0	yes
32	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:45.0	yes
33	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:46.0	yes
34	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:46.0	yes

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<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>
35	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:47.0	yes
36	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:48.0	yes
37	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:48.0	yes
38	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:49.0	yes
39	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:49.0	yes
40	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:50.0	yes
41	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:50.0	yes
42	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:51.0	yes
43	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:51.0	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>
44	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:52.0	yes
45	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:52.0	yes
46	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:53.0	yes
96	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:53.0	yes
47	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:54.0	yes
48	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:55.0	yes
49	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:55.0	yes
50	(2) SDSSRM-303 NONE	STIS STIS/CCD STIS/NUV-MAMA	1	02-Apr-2024 12:00:56.0	yes

51 Total Orbits Used

ABSTRACT

We propose a novel spectroscopic ultraviolet monitoring campaign that uses the STIS/MAMA G230L grating to map the broad-line gas and assess its role as a mass estimator across a wide range of ionization conditions in two luminous quasars. Recent studies of a more diverse sample of AGN

Proposal 17487 (STScI Edit Number: 5, Created: Tuesday, April 2, 2024 at 11:00:56 AM Eastern Standard Time) - Overview

have unveiled shortcomings in the fundamental framework for black-hole mass measurements. This experiment presents a new test of the reliability of black-hole mass measurements over cosmic time in two sources that are selected to be representative of a previously unexplored region of the broader AGN population, with higher luminosity, accretion rate, and significantly shorter optical H β lag compared to the existing AGN samples. Previous RM measurements of stratified UV/optical broad-line regions exist for only six well-studied, local, low-luminosity AGN. We propose to use HST/STIS to monitor the strong UV broad emission lines (Ly α and CIV), supported by contemporaneous spectroscopic monitoring from SDSS-V for the lower ionization and more distant optical broad emission lines. We analyze comprehensive light curve simulations using the proposed 3-day cadence, 75-day duration, and 1-orbit depth per epoch to demonstrate that our observations will successfully measure broad-line region sizes, map emission-line gas, and test the reliability of black-hole mass estimators for two luminous quasars that are representative of the bulk of black hole mass assembly over cosmic time.

OBSERVING DESCRIPTION

Observing Description Proposal 17487

The goal of this proposal is to obtain ultraviolet (UV) monitoring of the broad line region (BLR) of two luminous quasars that are selected to be representative of the broader AGN population, and obtain the reverberation mapping time delay (lag) of high-ionization, UV emission lines that are closer to the central source and compare with low-ionization, optical emission lines that are more distant from the central source. The wide range of ionization conditions covered by UV monitoring of strong BLR emission lines and connecting it to the optical lines can assess their role as a black hole mass estimator over cosmic time.

Coordinated monitoring: Groundbased spectroscopy and photometry:

Given that our primary science goal is to simultaneously monitor high-ionization, UV emission lines using HST and the low ionization emission lines using contemporaneous ground-based spectroscopic monitoring from SDSS-V, it is critically important that the HST observations occur during the January - June window when these quasars are observed with SDSS-V. Furthermore, to measure the reverberation time delay (lag), we need coordinated ground-based photometry to map the optical continuum bands (using LCOGT and Liverpool Telescope). While these targets are observable from the ground during the January - June window, we also need ground-based photometry to begin a few weeks ahead of the HST observations to track the continuum variation before the beginning of the HST observation. Therefore, the most suitable window for observing these targets is from February 1 until mid-June. However, an earlier start of the program between mid-January to mid-June could also be viable.

Program Cadence and Duration:

We request a 75-day duration for our program, where 25 orbits are dedicated to each target using an approximately 3-day cadence, totaling 50 orbits. We use the 11-year observed optical continuum and 7-year spectroscopic light curves from the SDSS-RM observations (Shen et al. 2023) to ensure the lag detection succeeds with the requested cadence and duration. Ideally, the observations should be made three days apart, although this can be relaxed to accommodate target visibility or time-critical observations. We emphasize that evenly spaced intervals are not required so long as the average of 3 days is maintained over the duration of the program. Based on the record of previous reverberation campaigns in Cycle 25 and 26, we expect a 3-day cadence with a jitter of ± 0.5 days to have marginal effects on detecting a reliable lag.

Impact of Data Losses:

During this program's duration, data losses due to instrument or spacecraft safing events or guide-star acquisition failure may occur. We expect that approximately 1-2 gaps that result in 5-6 days losses each have a limited effect on our lag detectability. Also, noisy gyros have led to an increase in guide star acquisition failures. We expect a current failure of 10%. However, suppose guide-star acquisition failures are more than 10% in the early stages of the program. In that case, we ask to add additional visits to the nominal end of the program to replace the unsuccessful visits.

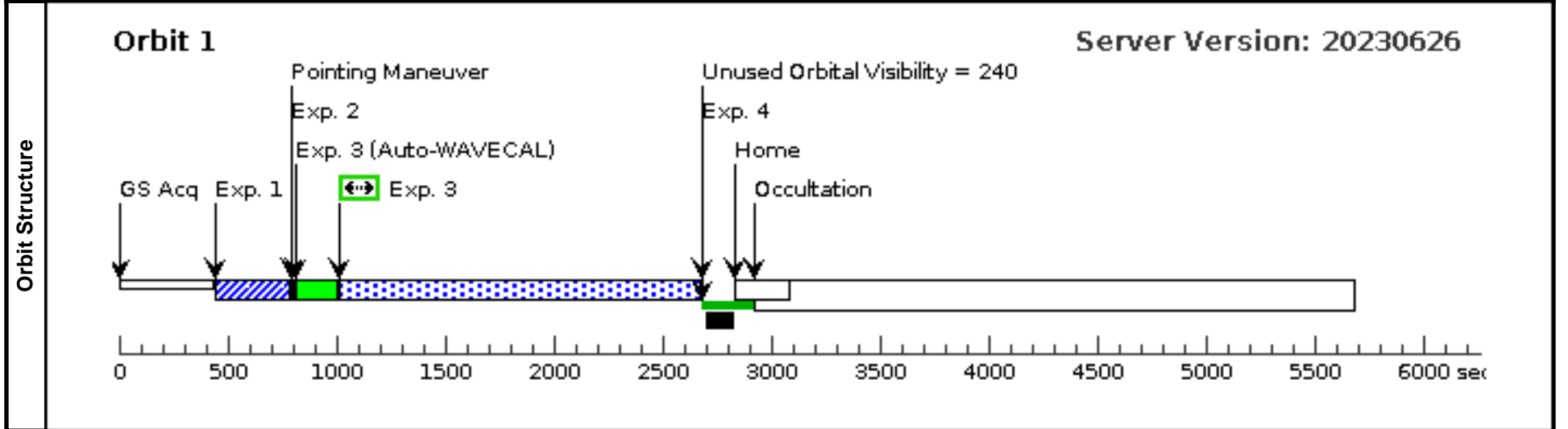
Proposal 17487 - Visit 01 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:56 GMT 2024

Visit	Proposal 17487, Visit 01, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.060:00:00 AND 2024.062:23:59:58				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1645 Secs (1645 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



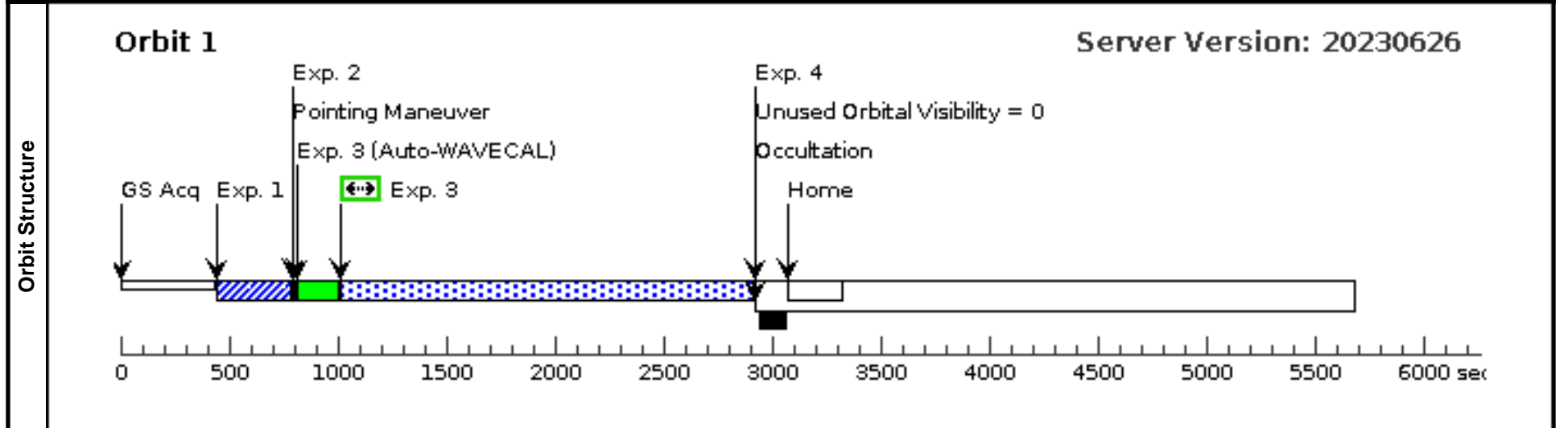
Proposal 17487 - Visit 02 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:56 GMT 2024

Visit	Proposal 17487, Visit 02, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.099:12:00:00 AND 14-JUN-2024:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

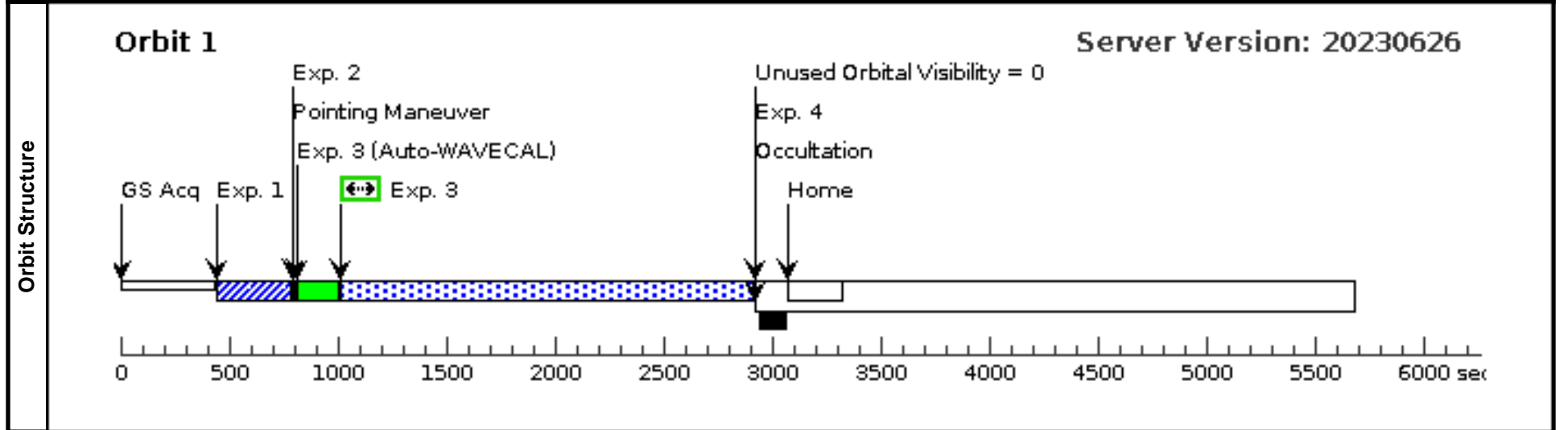
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



Visit	Proposal 17487, Visit 03, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.029:00:00:00 AND 2024.030:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



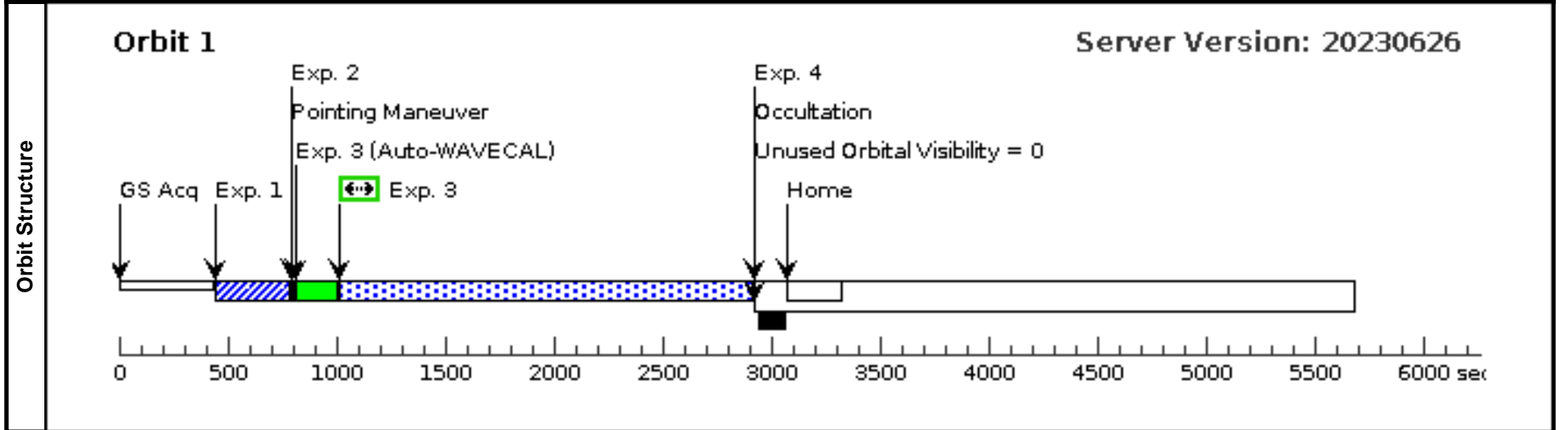
Proposal 17487 - Visit 04 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:56 GMT 2024

Visit	Proposal 17487, Visit 04, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.031:05:50 AND 2024.032:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



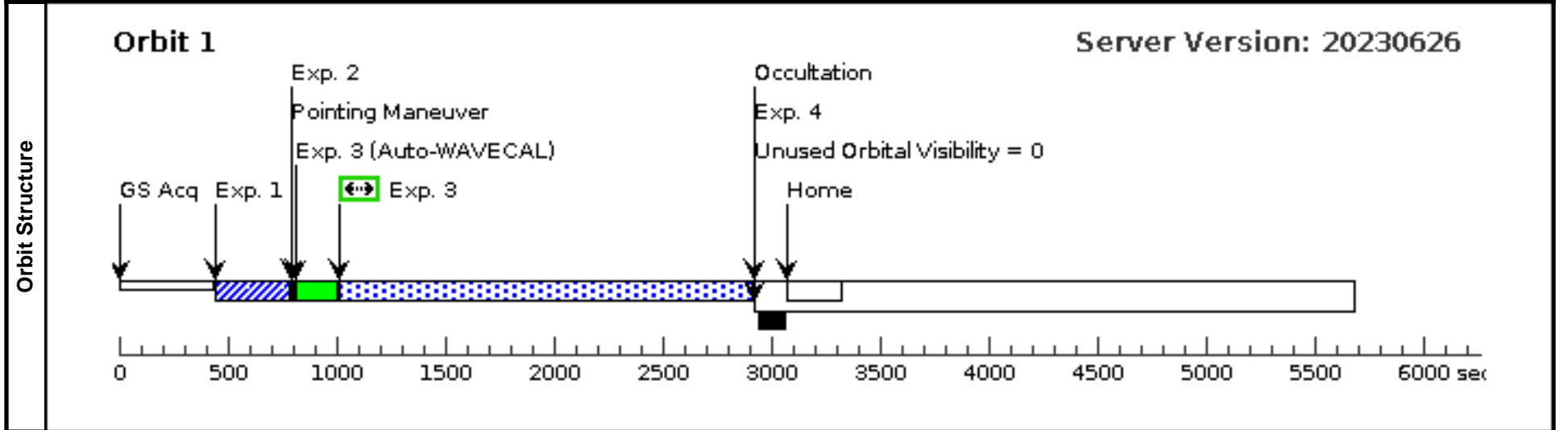
Proposal 17487 - Visit 05 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:56 GMT 2024

Visit	Proposal 17487, Visit 05, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.034:05:50 AND 2024.035:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



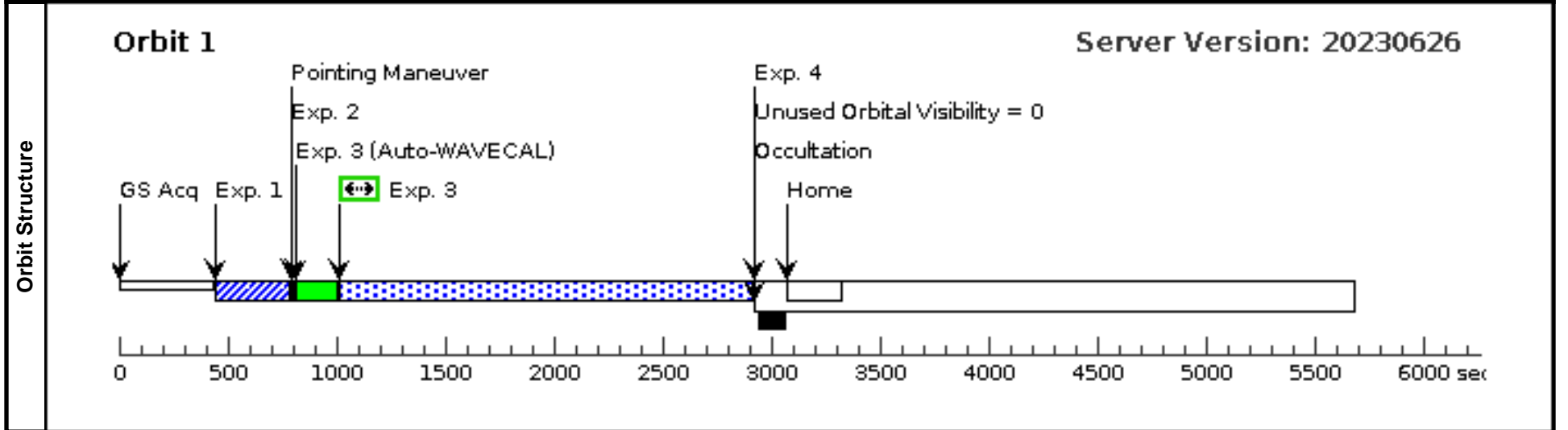
Proposal 17487 - Visit 06 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:56 GMT 2024

Visit	Proposal 17487, Visit 06, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.037:05:50 AND 2024.038:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



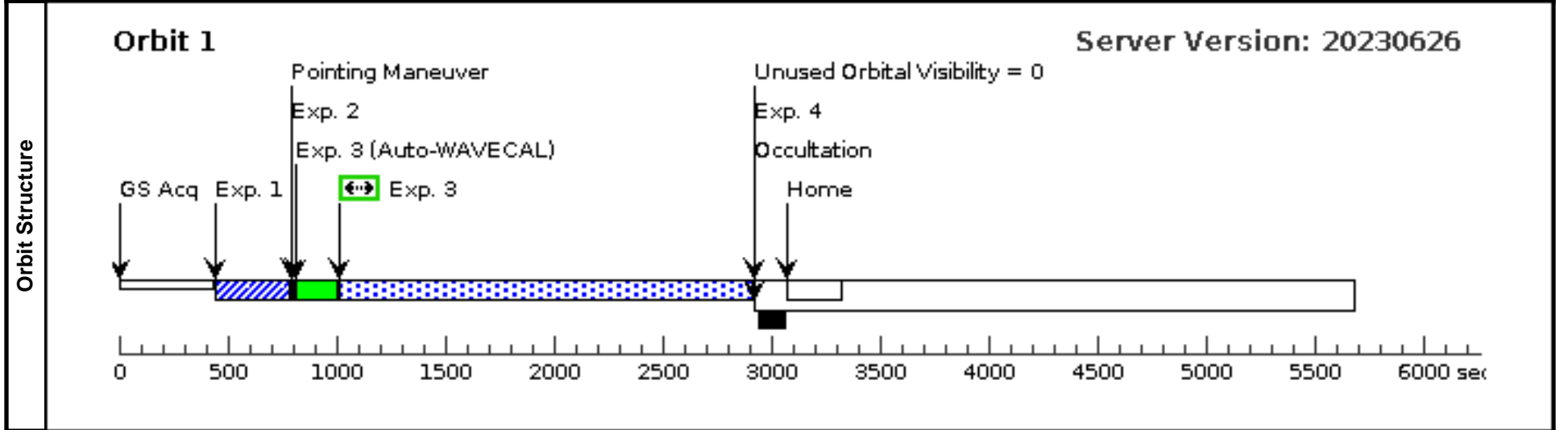
Proposal 17487 - Visit 07 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:56 GMT 2024

Visit	Proposal 17487, Visit 07, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.040:05:50 AND 2024.041:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO					

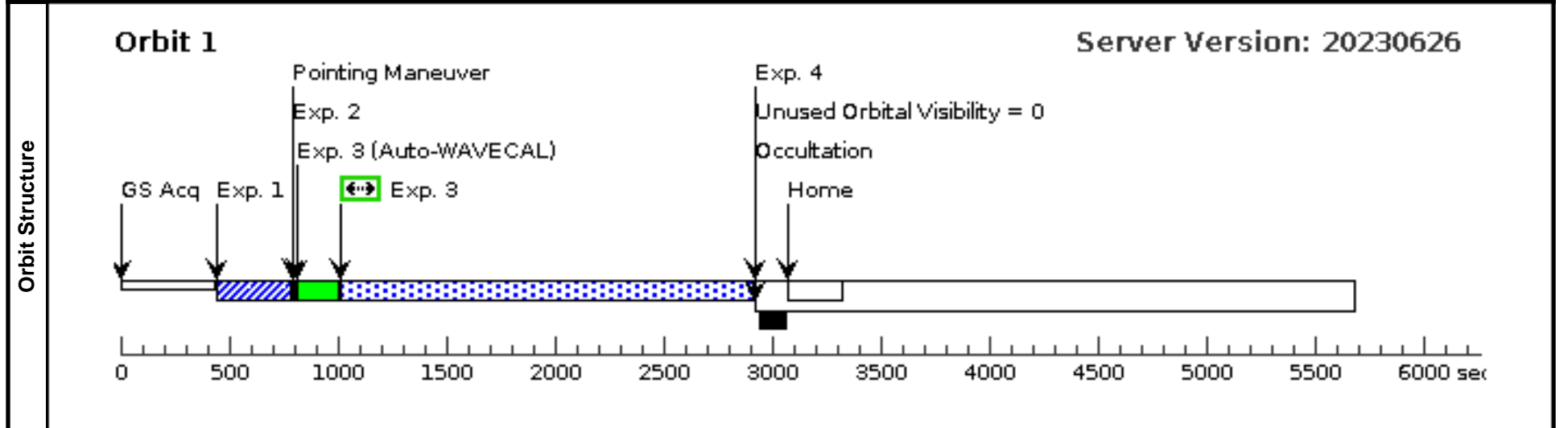
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



Visit	Proposal 17487, Visit 08, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.043:05:50 AND 2024.044:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

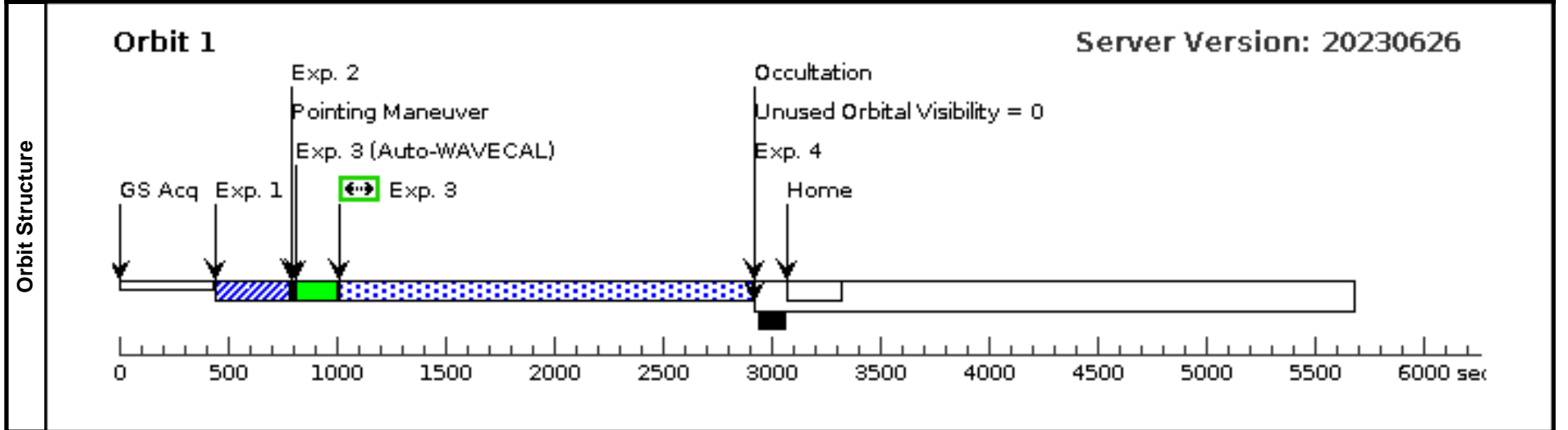
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



Visit	Proposal 17487, Visit 09, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.046:05:50 AND 2024.047:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR					23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL				[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL				[==>]	[1]



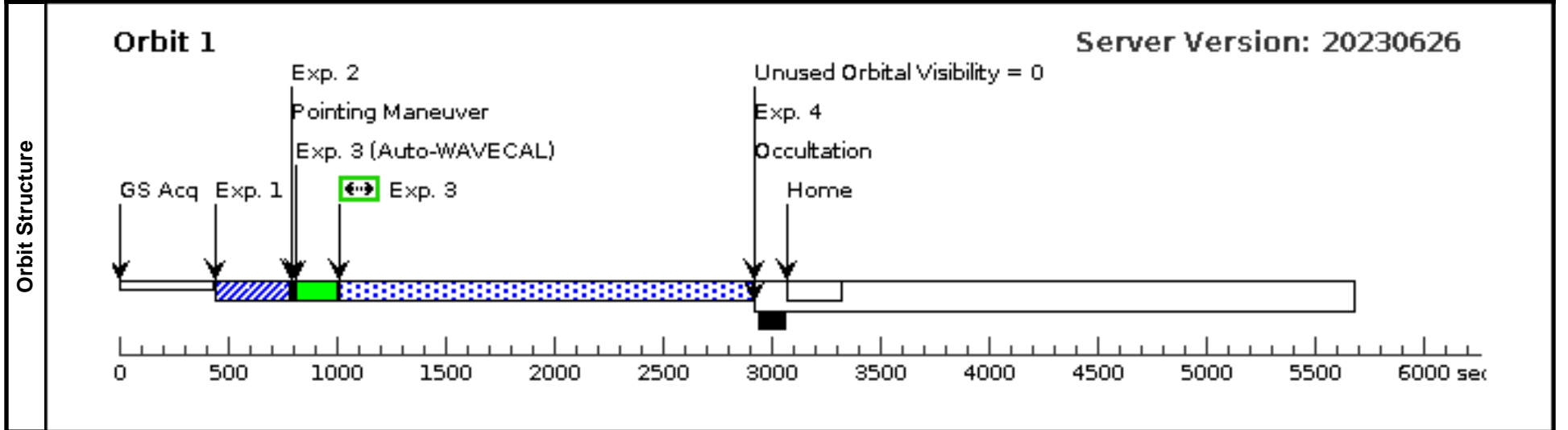
Proposal 17487 - Visit 10 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:56 GMT 2024

Visit	Proposal 17487, Visit 10, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.049:05:50 AND 2024.050:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



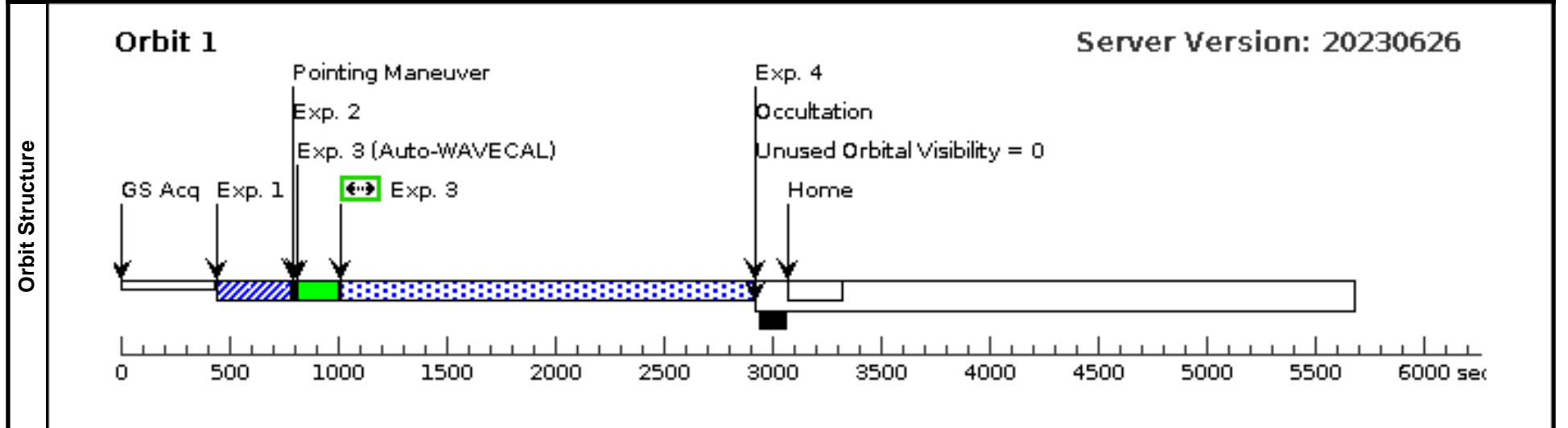
Proposal 17487 - Visit 11 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:56 GMT 2024

Visit	Proposal 17487, Visit 11, completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS Special Requirements: SCHED 100%; BETWEEN 2024.052:05:50 AND 2024.053:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
		(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

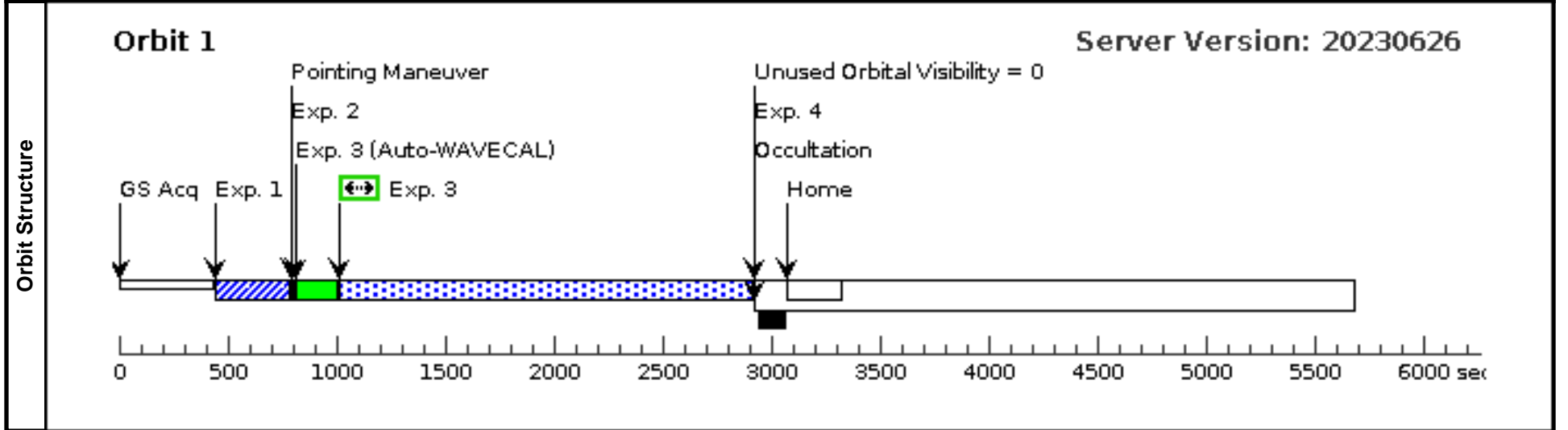
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
		1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



Visit	Proposal 17487, Visit 12, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.055:05:50 AND 2024.056:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

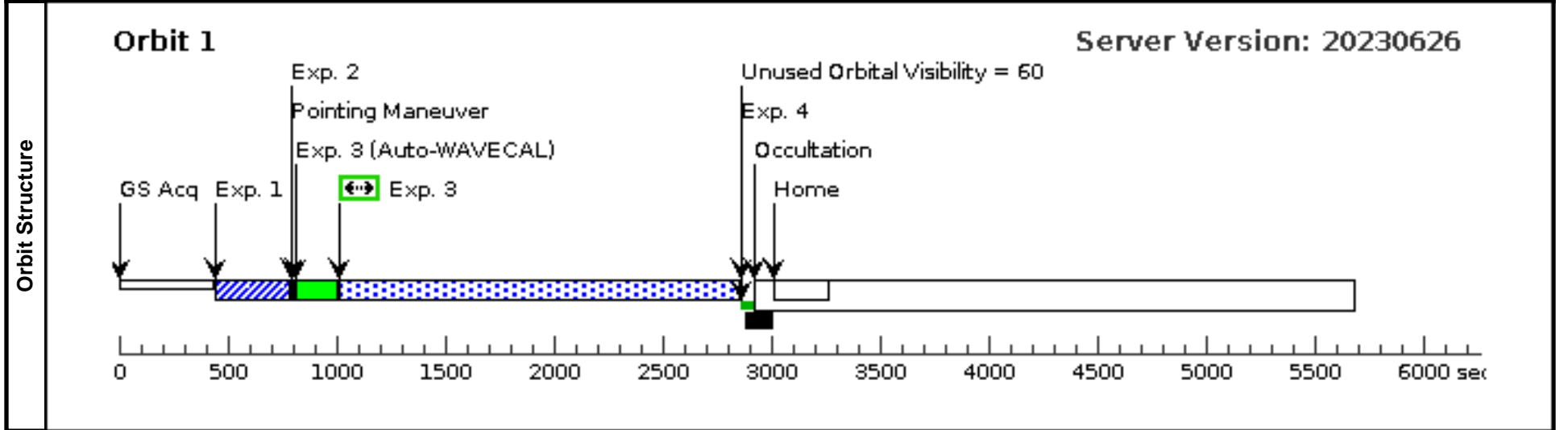
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR					23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]	
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]	
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]	



Visit	Proposal 17487, Visit 13, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.058:05:50 AND 2024.059:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

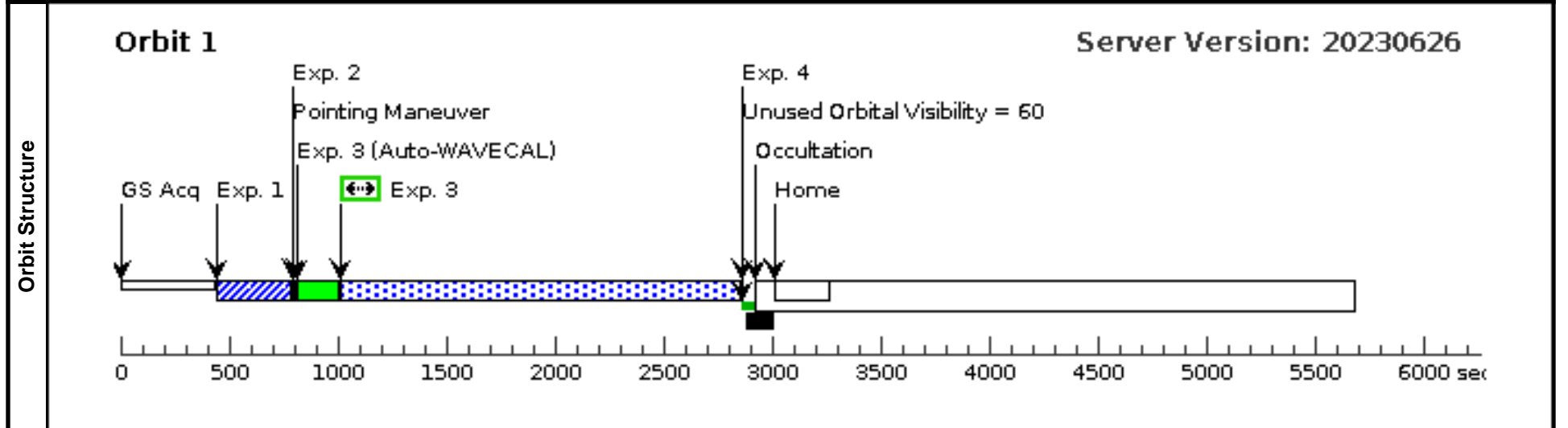
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR					23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]	
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1825 Secs (1825 Secs) [==>]	[1]	
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]	



Visit	Proposal 17487, Visit 14, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.064:00:00 AND 2024.066:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1825 Secs (1825 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



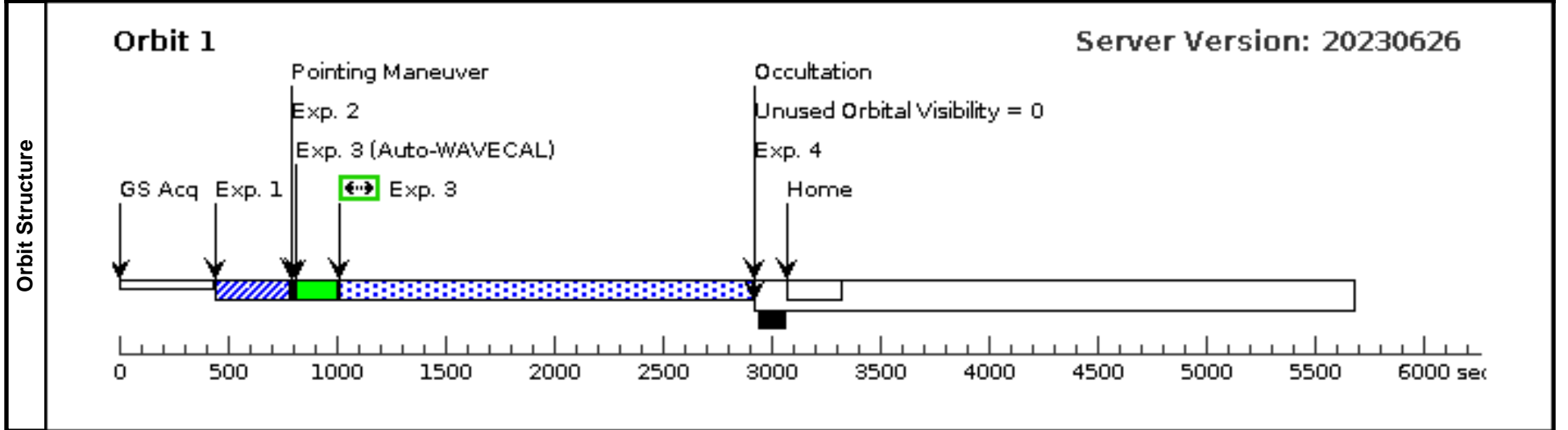
Proposal 17487 - Visit 15 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 15, completed Diagnostic Status: No Diagnostics Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS Special Requirements: SCHED 100%; BETWEEN 2024.067:05:50 AND 2024.068:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

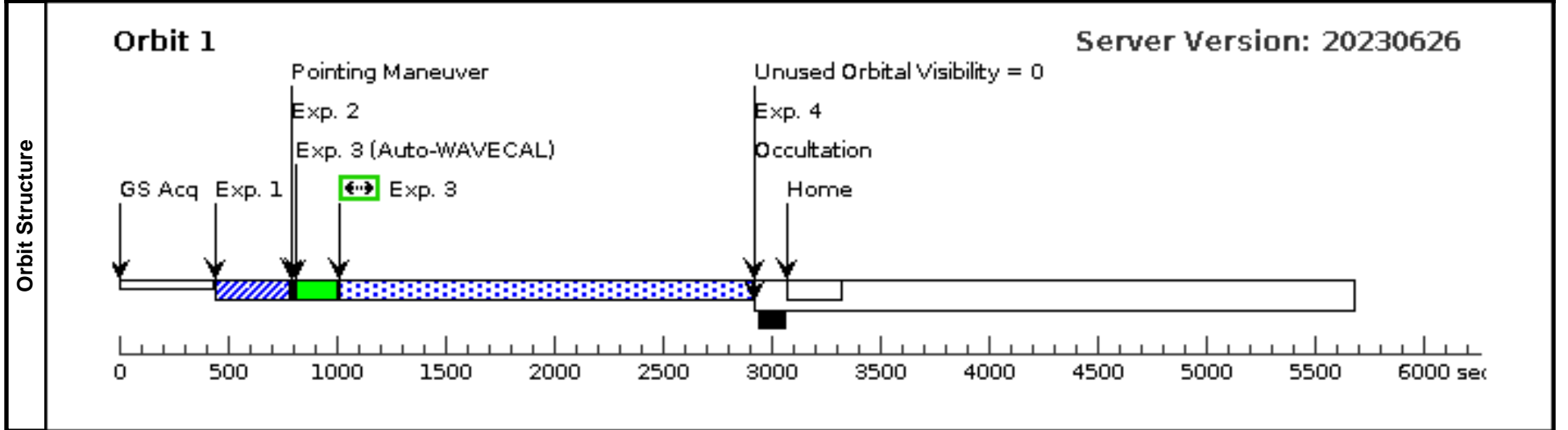
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



Visit	Proposal 17487, Visit 16, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.070:05:50 AND 2024.071:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



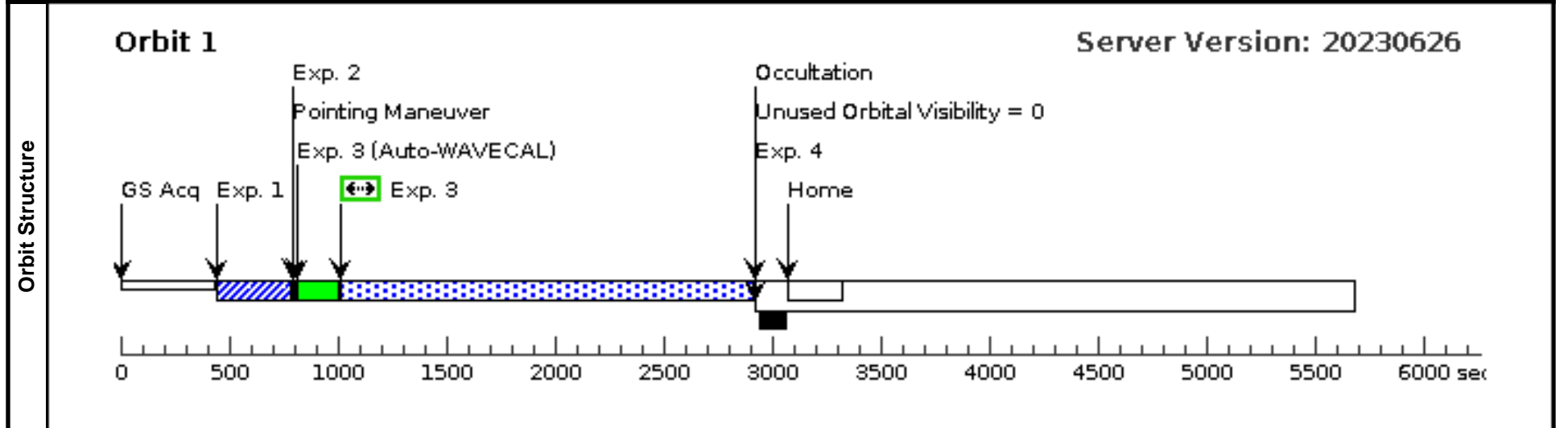
Proposal 17487 - Visit 17 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 17, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.073:05:50 AND 2024.074:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



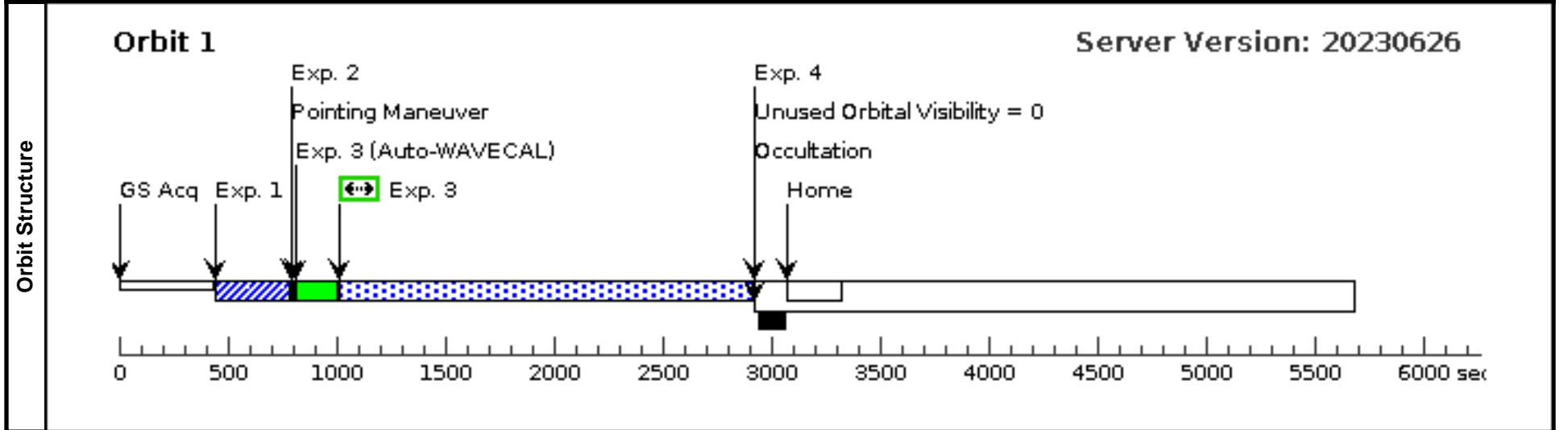
Proposal 17487 - Visit 18 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 18, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.076:05:50 AND 2024.077:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



Proposal 17487 - Visit 19 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

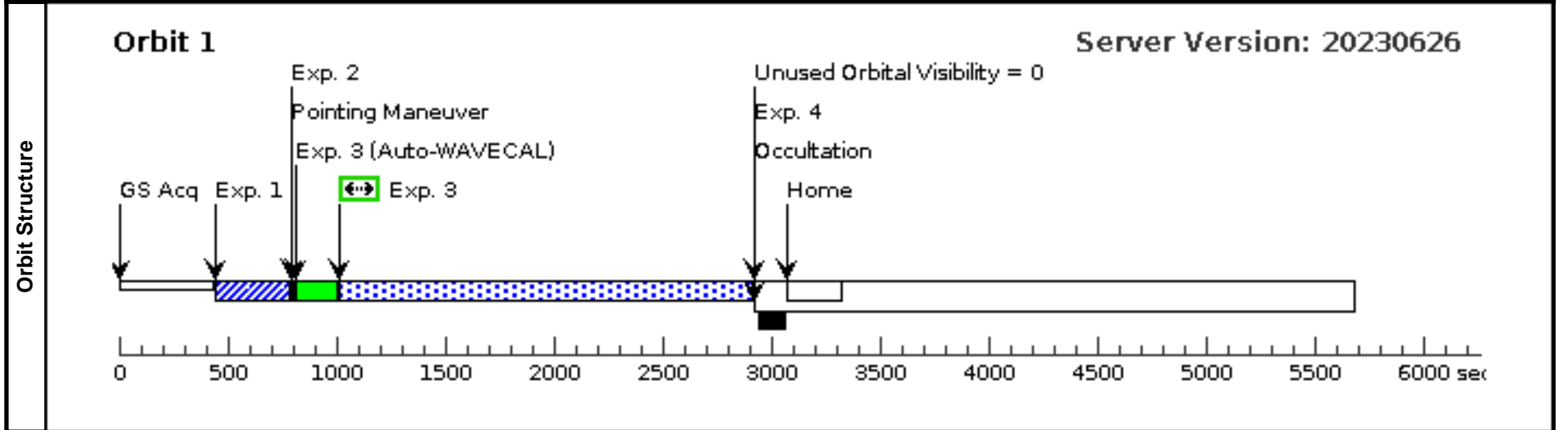
Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 19, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.079:05:50 AND 2024.080:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[QSO]
Extended=NO

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR					23 Secs (23 Secs)	
										[==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1885 Secs (1885 Secs)	
									[==>]	[1]	
4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]	



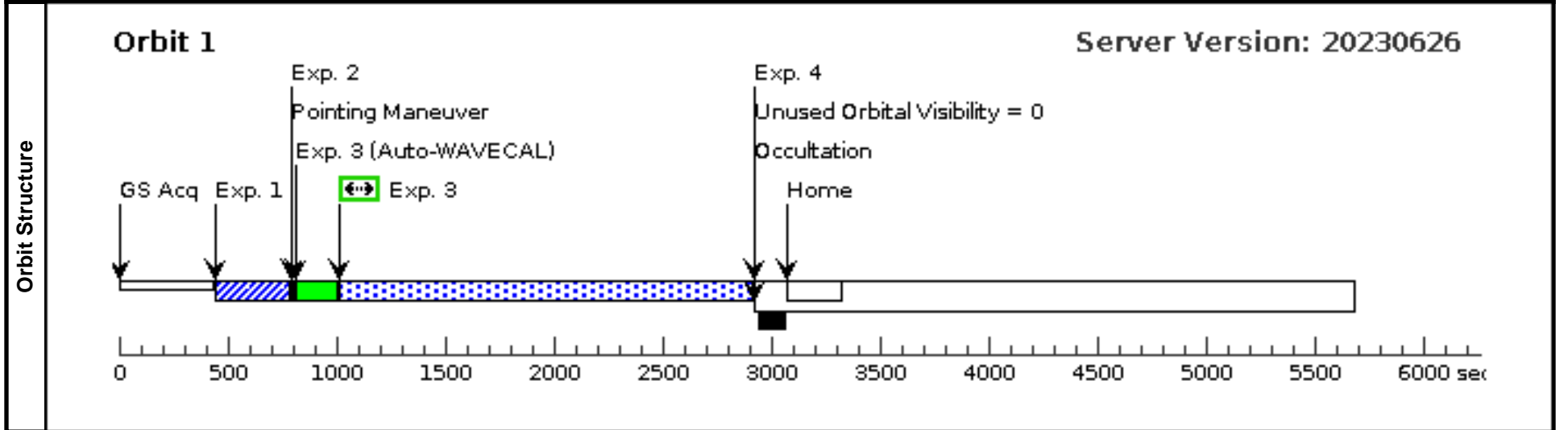
Proposal 17487 - Visit 20 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 20, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.082:05:50 AND 2024.083:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



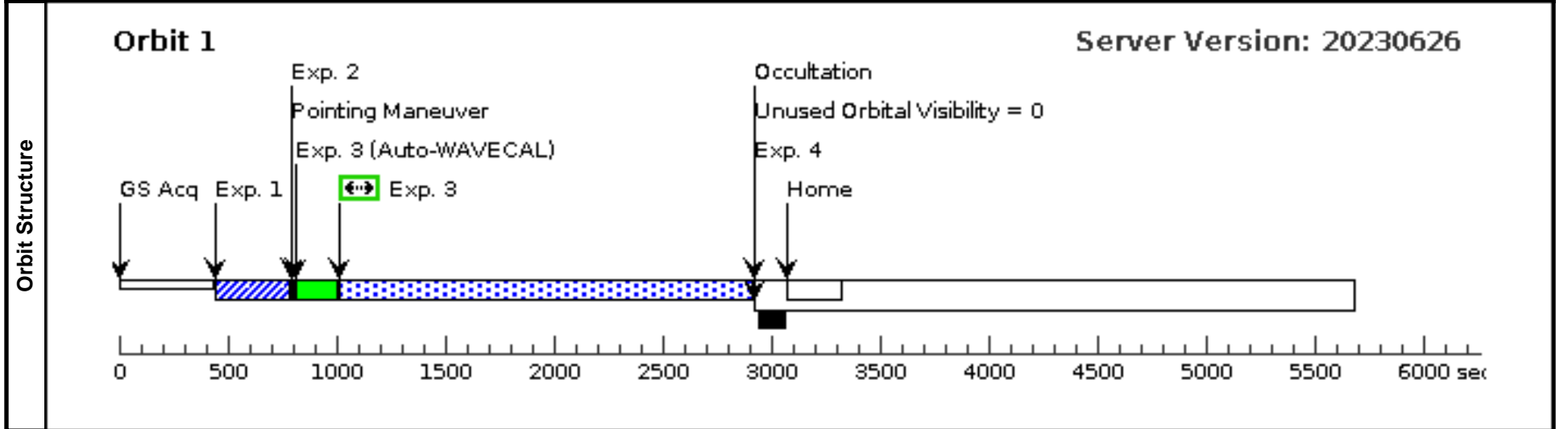
Proposal 17487 - Visit 21 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 21, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.085:05:50 AND 2024.086:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



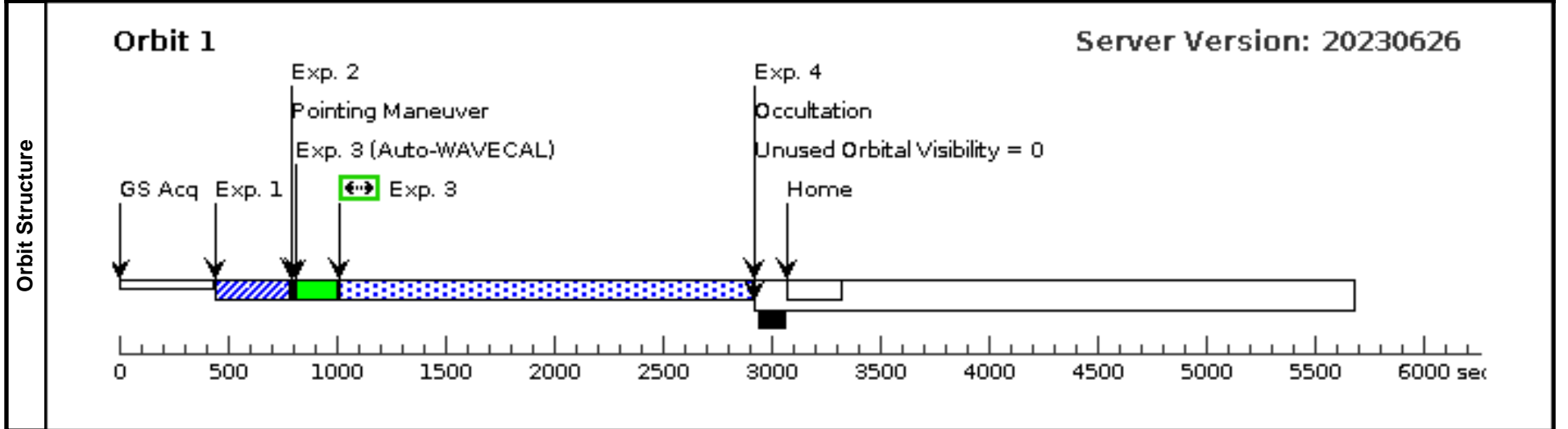
Proposal 17487 - Visit 22 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 22, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.088:05:50 AND 2024.089:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



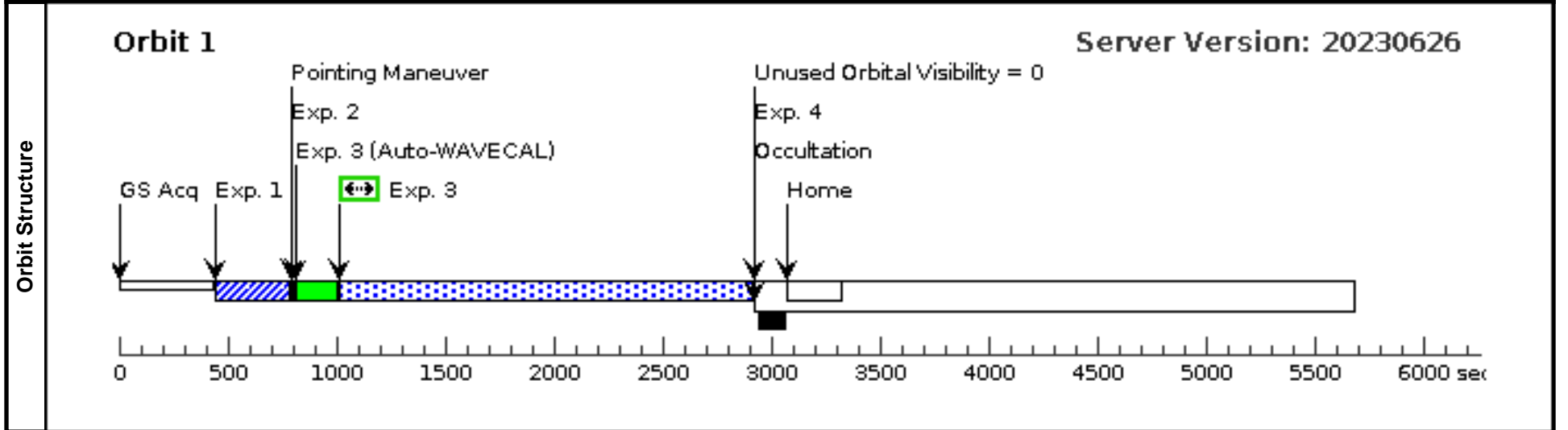
Proposal 17487 - Visit 23 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 23, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.091:05:50 AND 2024.092:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

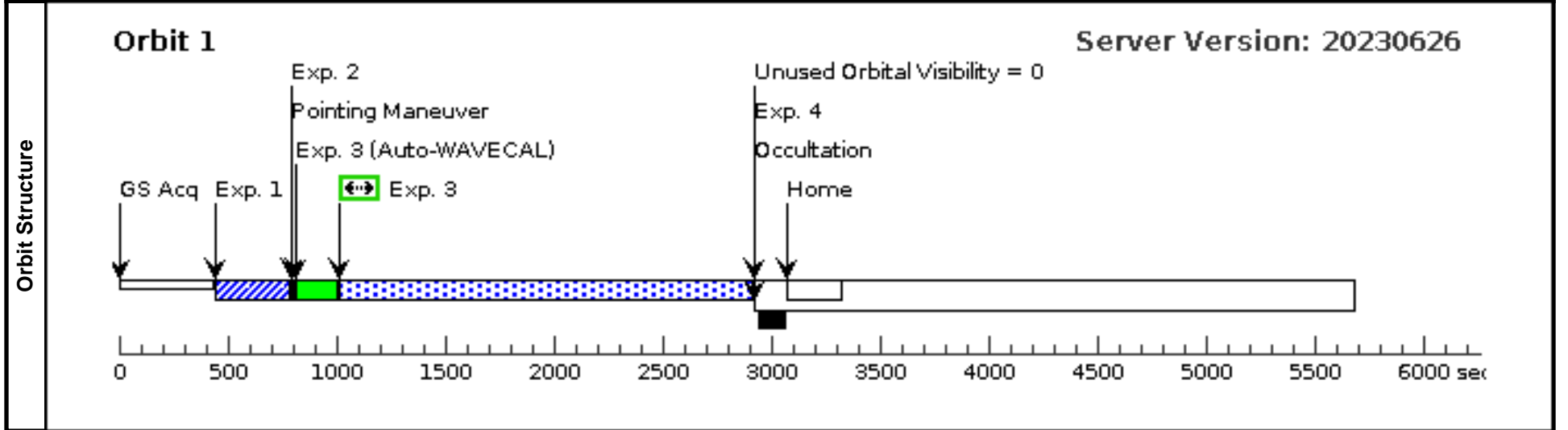
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR					23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]	
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]	
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]	



Visit	Proposal 17487, Visit 24, scheduled				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.094:05:50 AND 2024.095:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



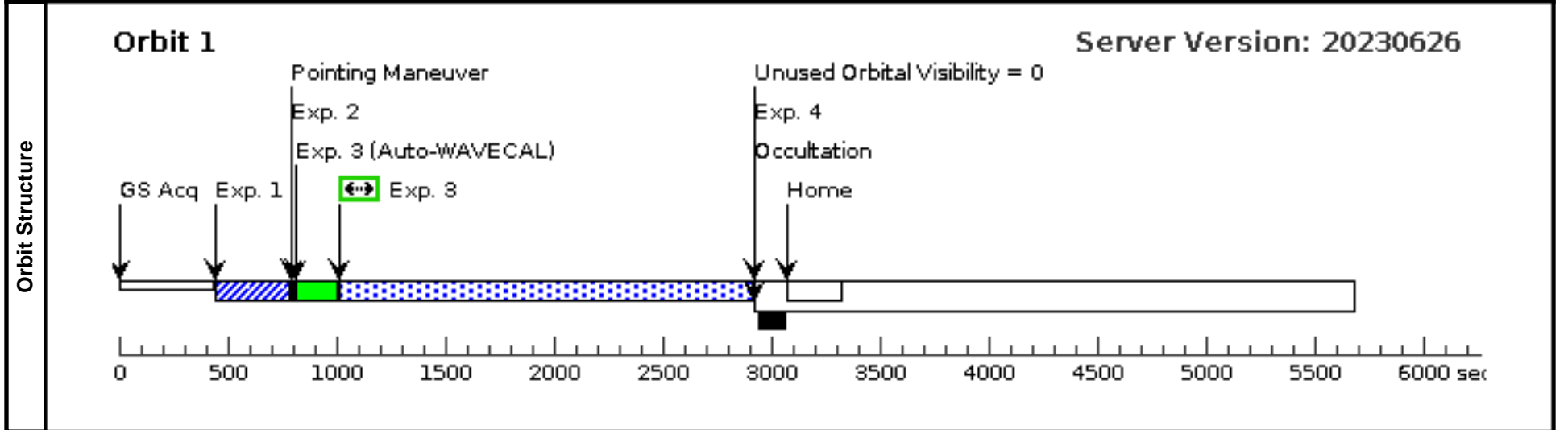
Proposal 17487 - Visit 25 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 25, scheduled				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.097:05:50 AND 2024.098:06:20				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSRM-392	RA: 14 21 12.2931 (215.3012212d) Dec: +52 41 47.25 (52.69646d) Equinox: J2000	Redshift: 0.843	V=20.44 i=20.44	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97823)	(1) SDSSRM-392	STIS/CCD, ACQ, 50CCD	MIRROR				23 Secs (23 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97025)	(1) SDSSRM-392	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1885 Secs (1885 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



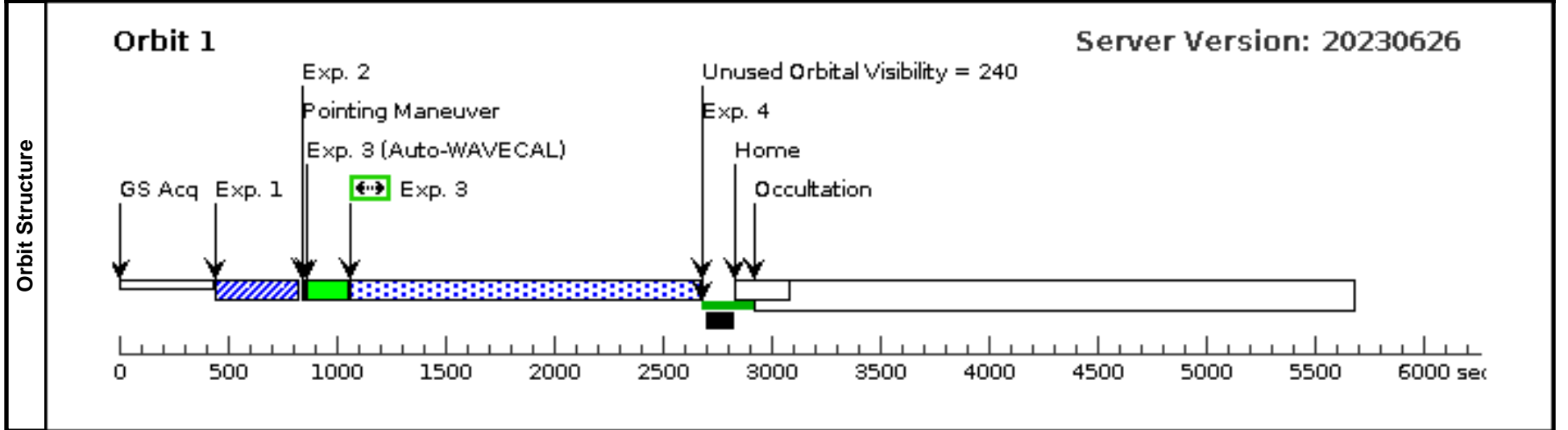
Proposal 17487 - Visit 26 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 26, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.060:00:00:00 AND 2024.062:23:59:58				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

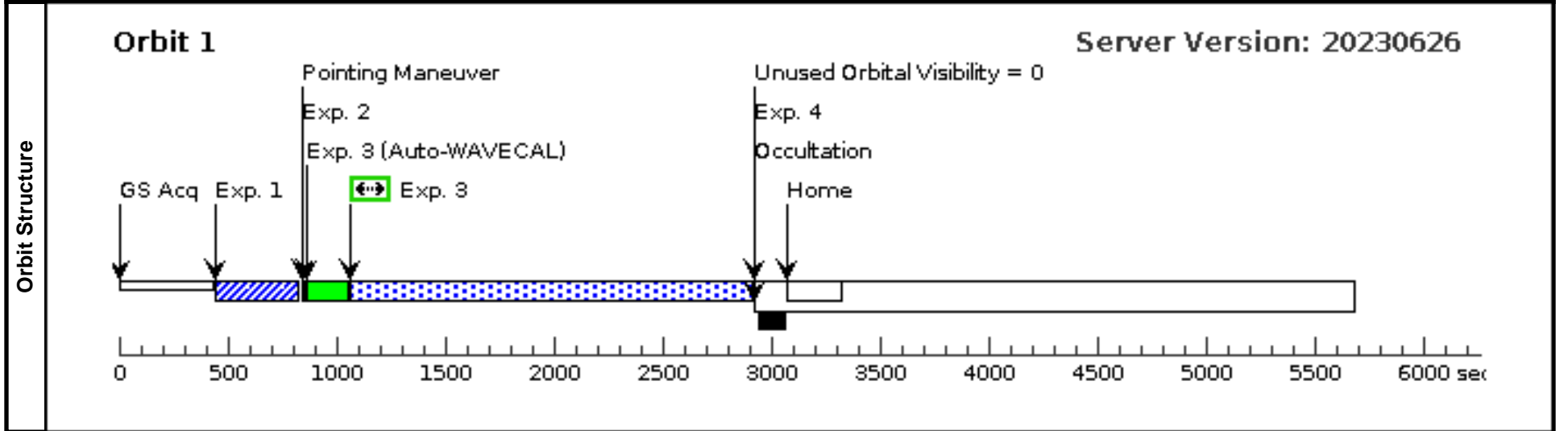
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]	
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1597 Secs (1597 Secs) [==>]	[1]	
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]	



Visit	Proposal 17487, Visit 27, scheduling				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.099:12:00:00 AND 14-JUN-2024:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR				35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



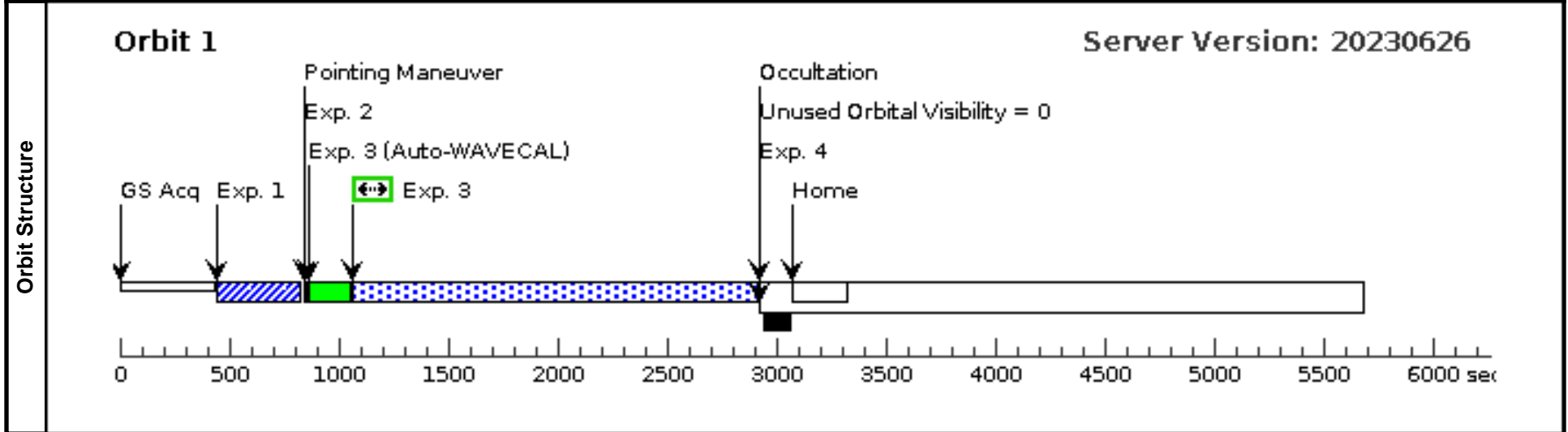
Proposal 17487 - Visit 28 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 28, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.029:00:00 AND 2024.030:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



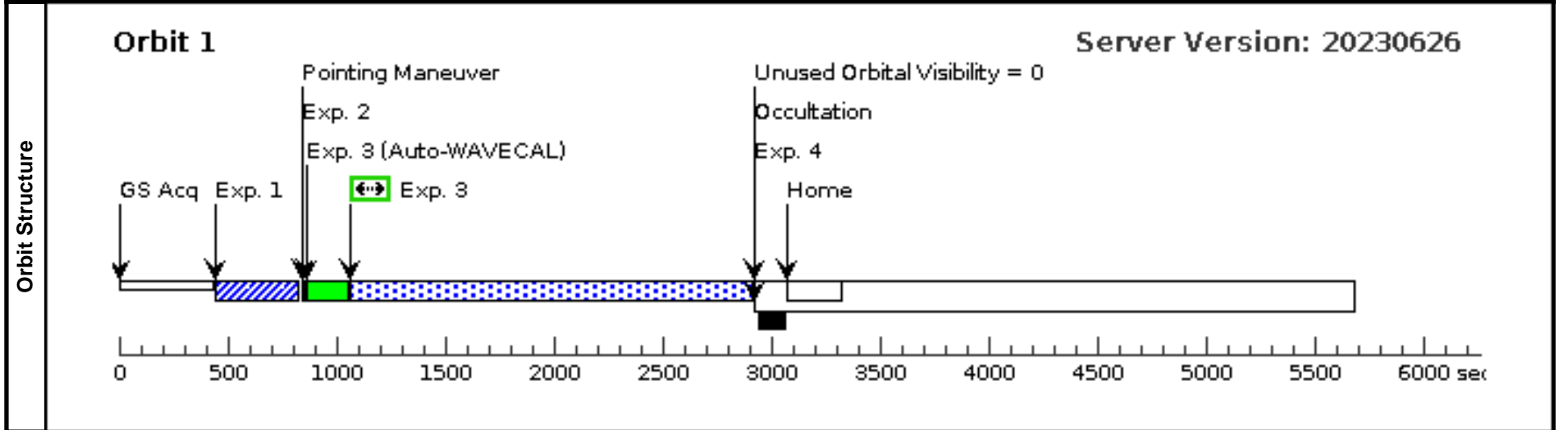
Proposal 17487 - Visit 29 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 29, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 15-JAN-2024:00:00:00 AND 14-JUN-2024:00:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



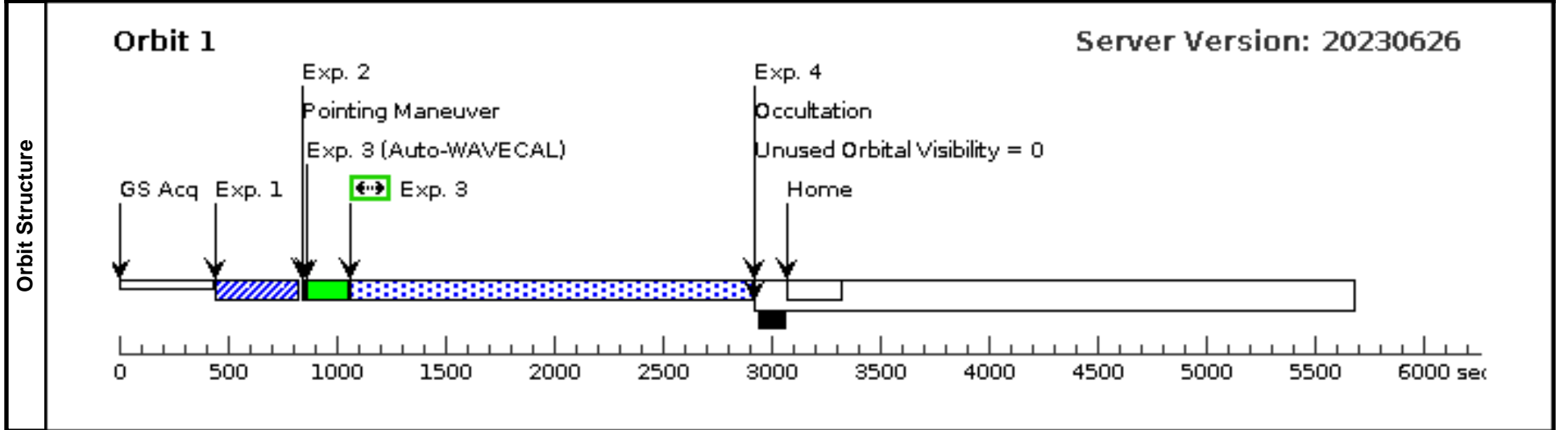
Proposal 17487 - Visit 30 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 30, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.034:07:25 AND 2024.035:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL				[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL				[==>]	[1]



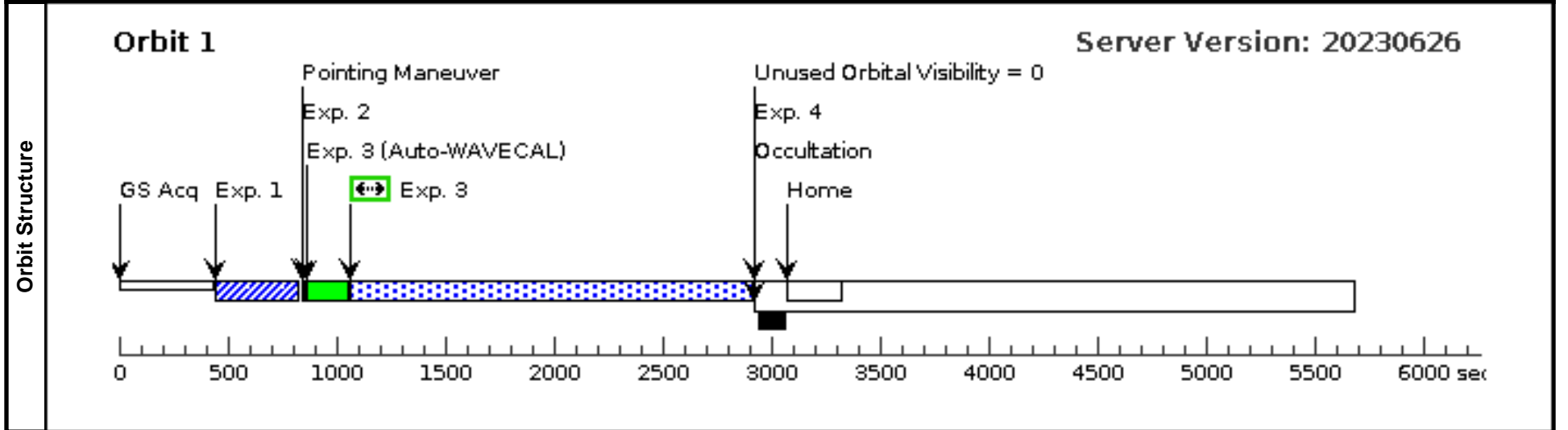
Proposal 17487 - Visit 31 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 31, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.037:07:25 AND 2024.038:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

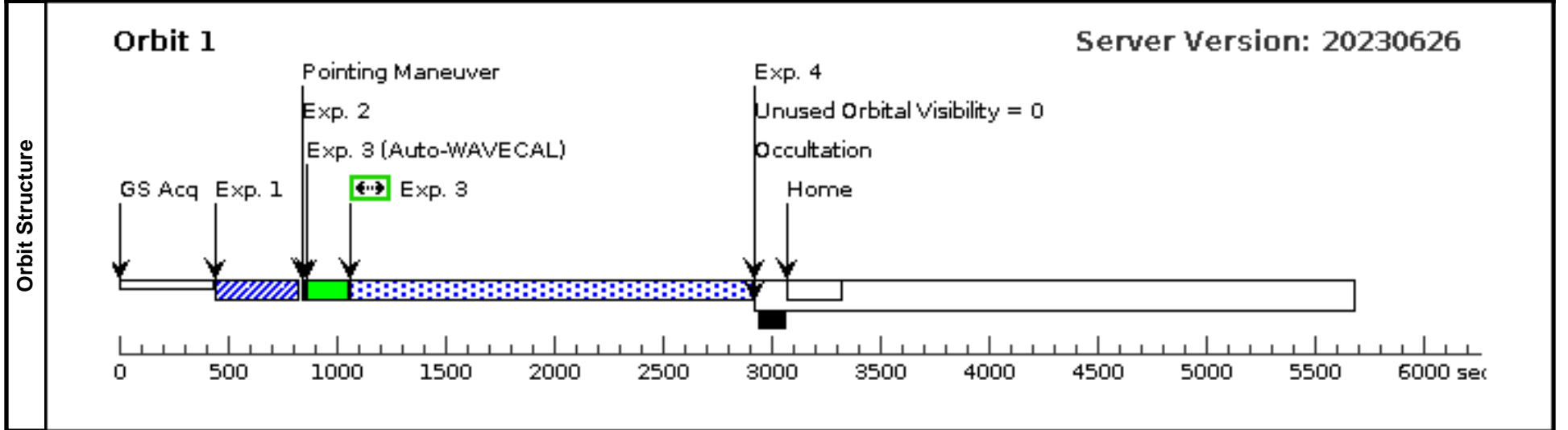
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



Visit	Proposal 17487, Visit 32, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.040:07:25 AND 2024.041:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

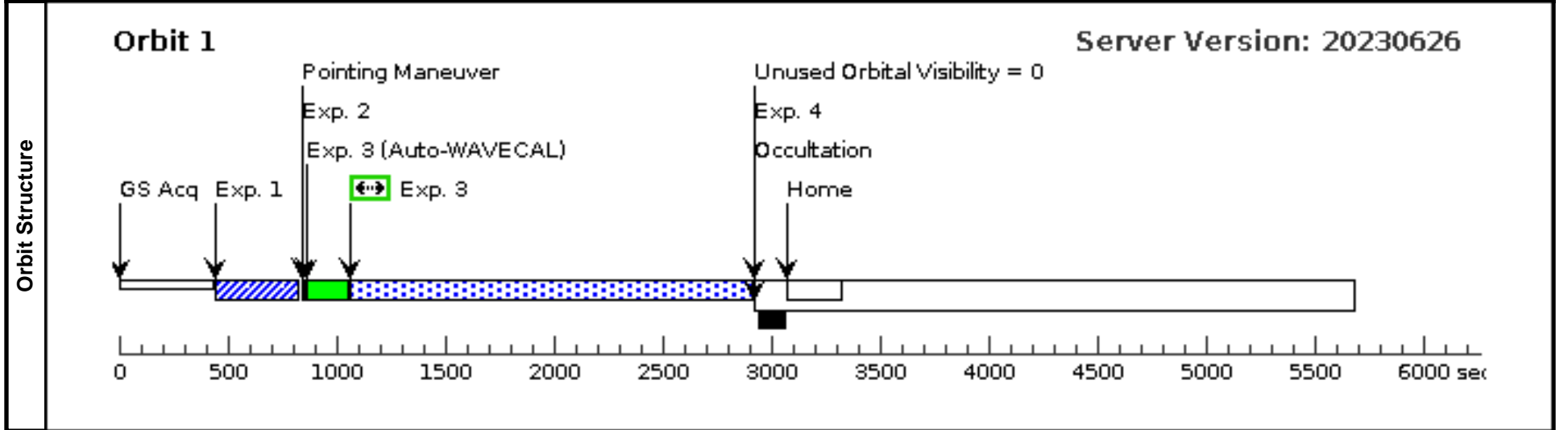
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



Visit	Proposal 17487, Visit 33, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.043:07:25 AND 2024.044:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

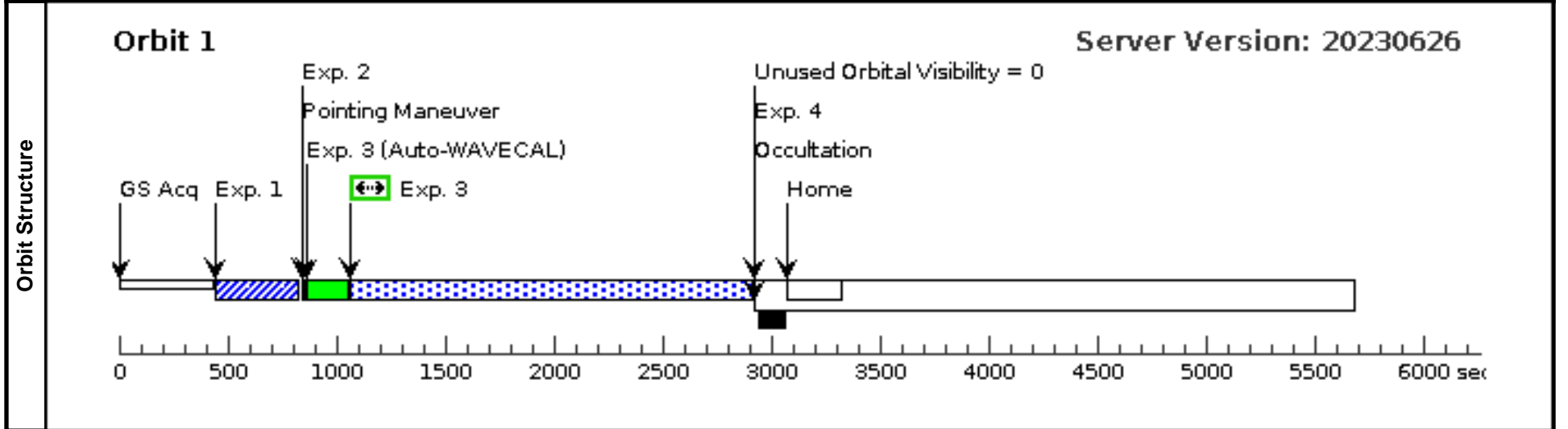
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



Visit	Proposal 17487, Visit 34, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.046:07:25 AND 2024.047:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



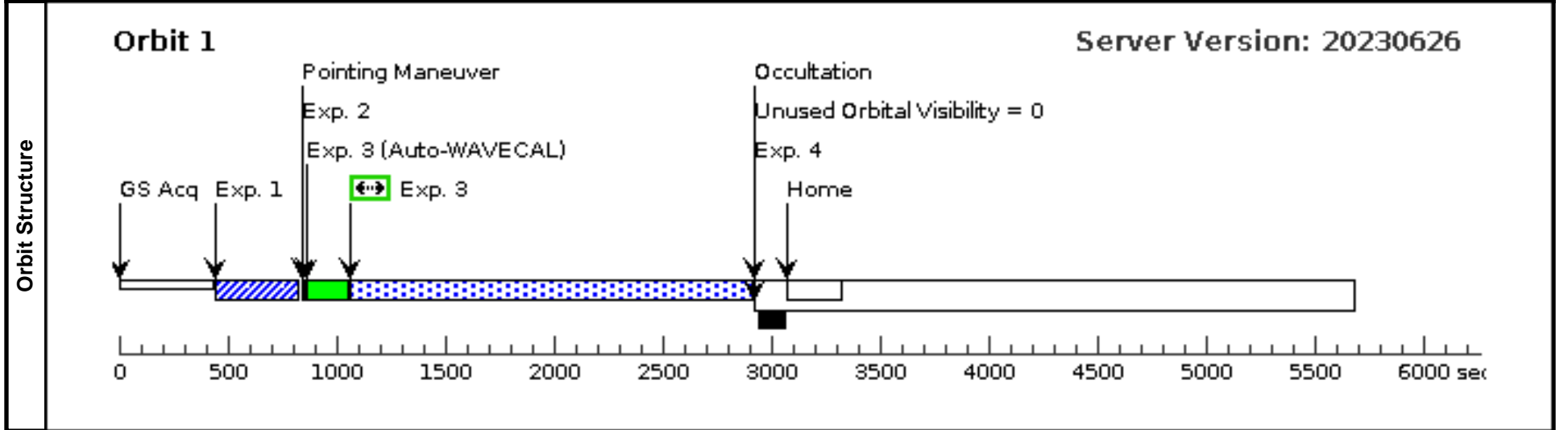
Proposal 17487 - Visit 35 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 35, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.049:07:25 AND 2024.050:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR				35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



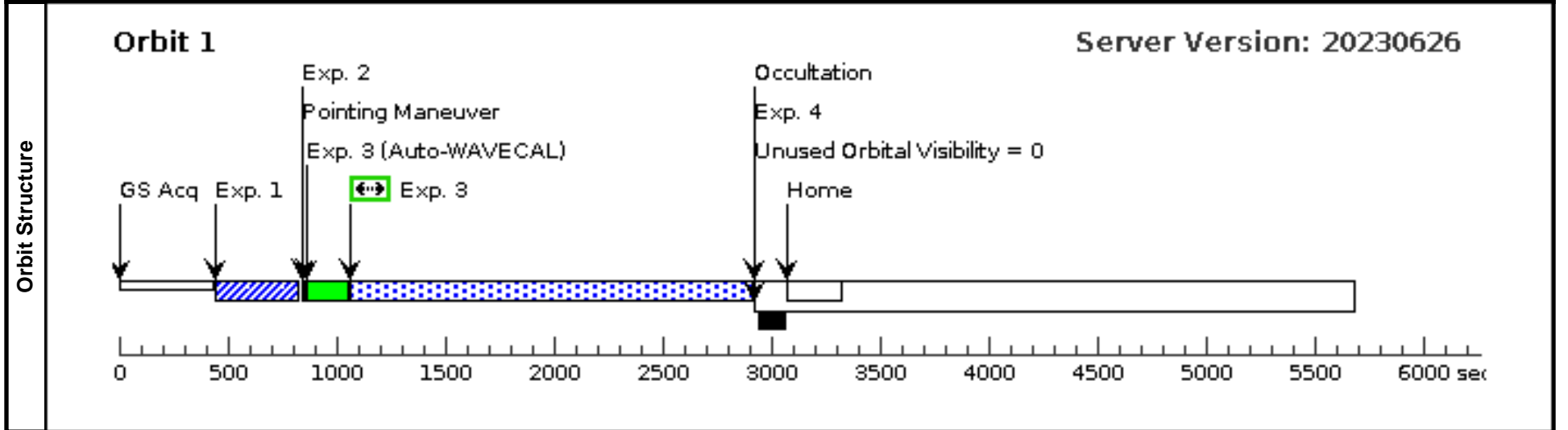
Proposal 17487 - Visit 36 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 36, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.052:07:25 AND 2024.053:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]	
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1837 Secs (1837 Secs) [==>]	[1]	
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]	



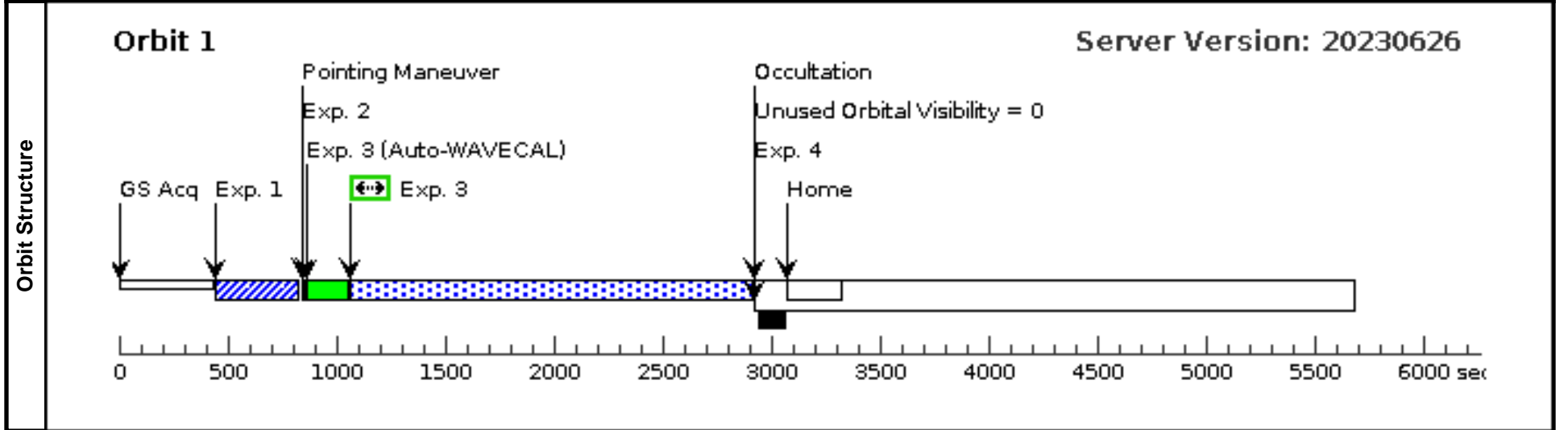
Proposal 17487 - Visit 37 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 37, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.055:07:25 AND 2024.056:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



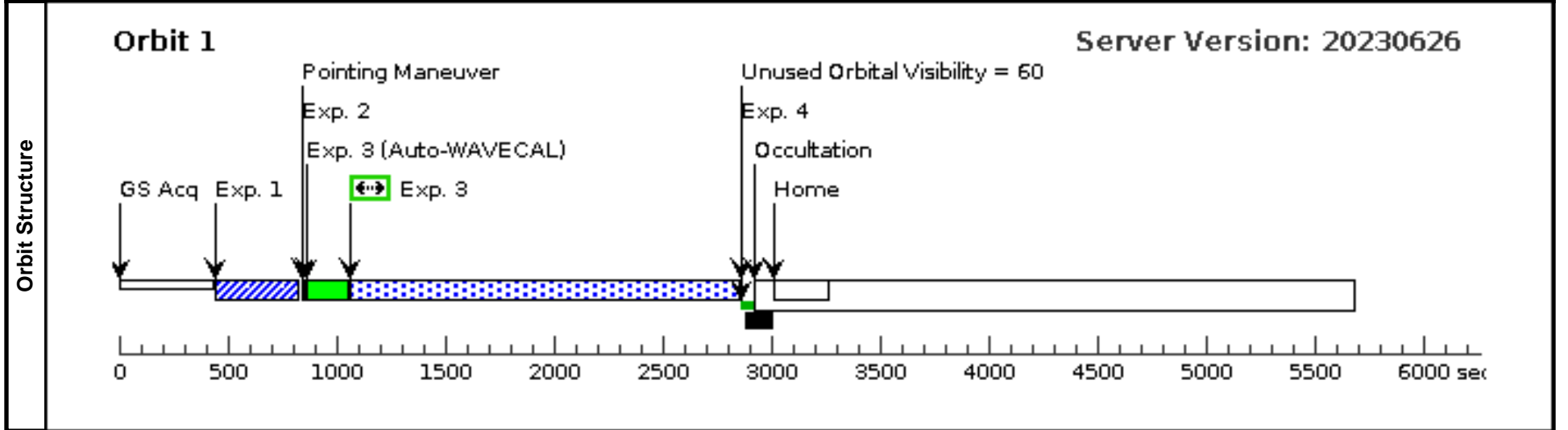
Proposal 17487 - Visit 38 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 38, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.058:07:25 AND 2024.059:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

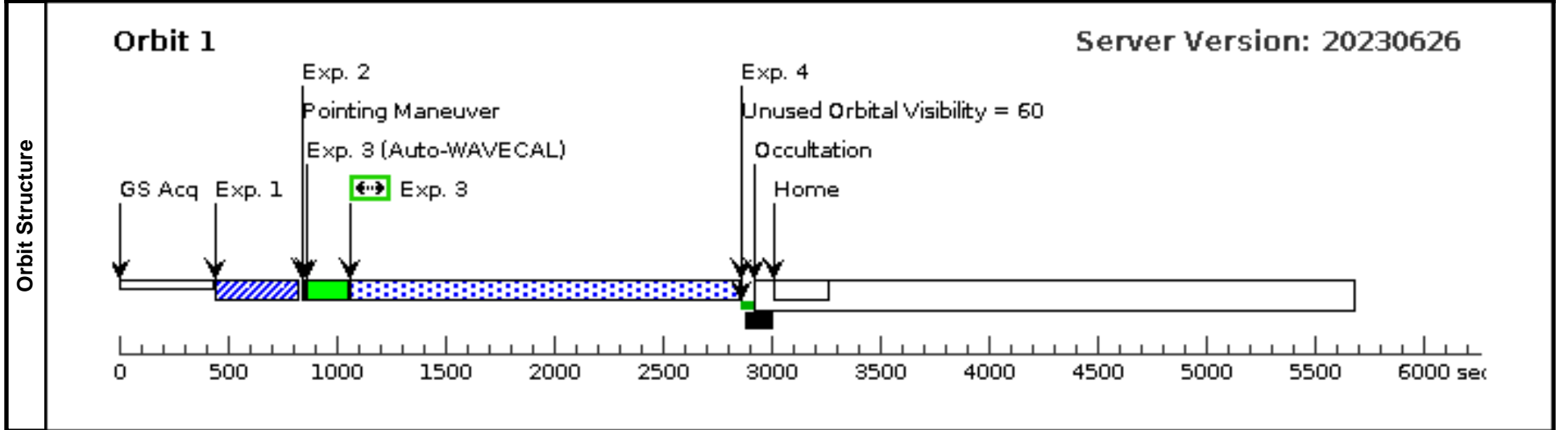
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1777 Secs (1777 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



Visit	Proposal 17487, Visit 39, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.064:00:00 AND 2024.066:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1777 Secs (1777 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



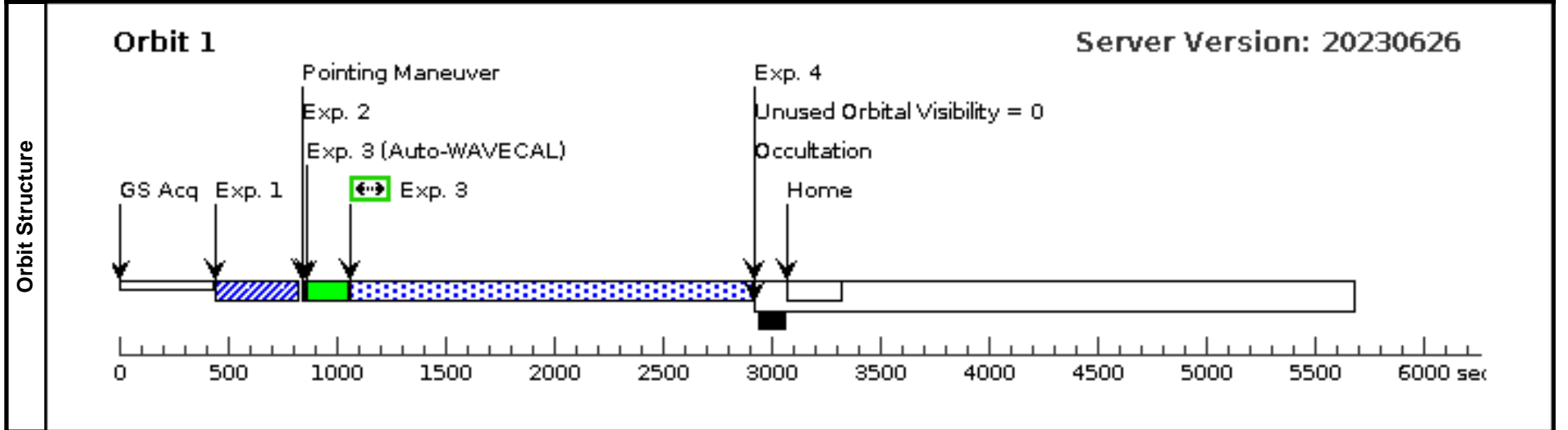
Proposal 17487 - Visit 40 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 40, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.067:07:25 AND 2024.068:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



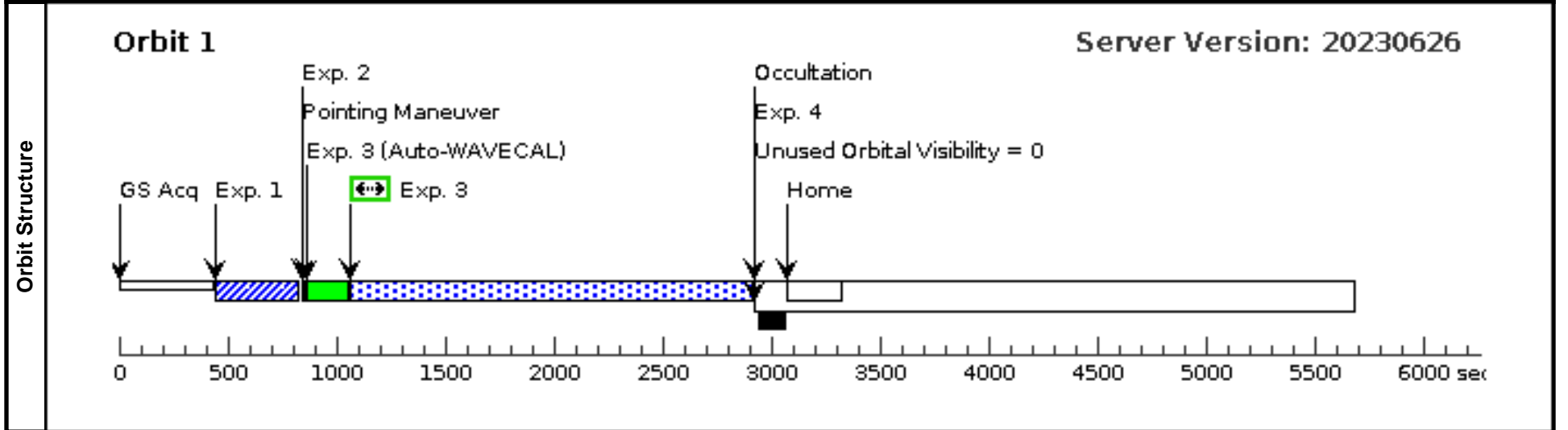
Proposal 17487 - Visit 41 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 41, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.070:07:25 AND 2024.071:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]	
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1837 Secs (1837 Secs) [==>]	[1]	
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]	



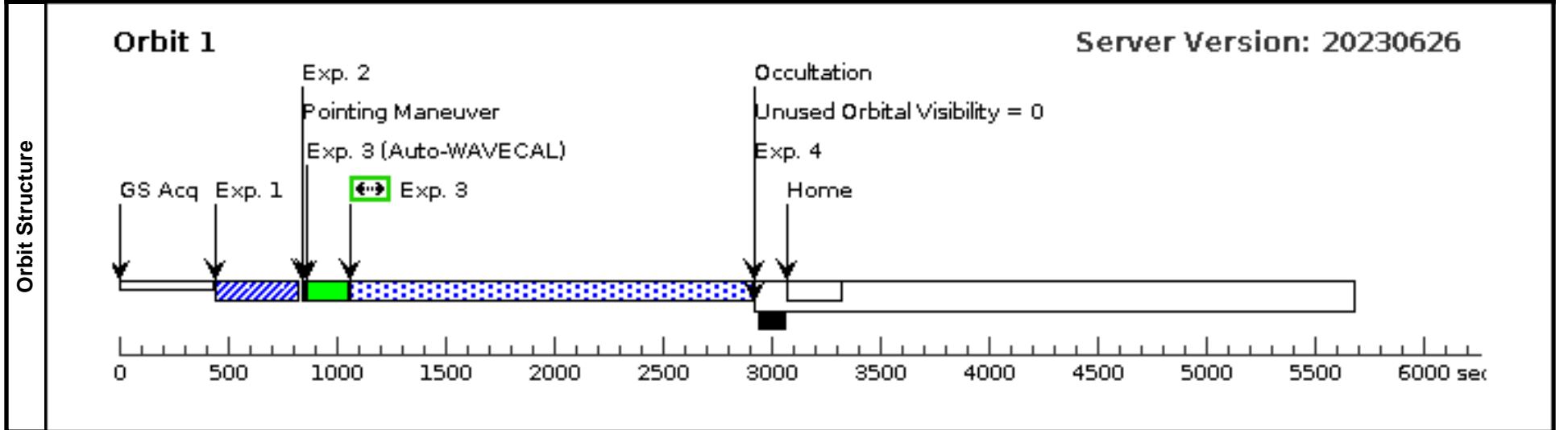
Proposal 17487 - Visit 42 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 42, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.073:07:25 AND 2024.074:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL				[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL				[==>]	[1]



Proposal 17487 - Visit 43 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

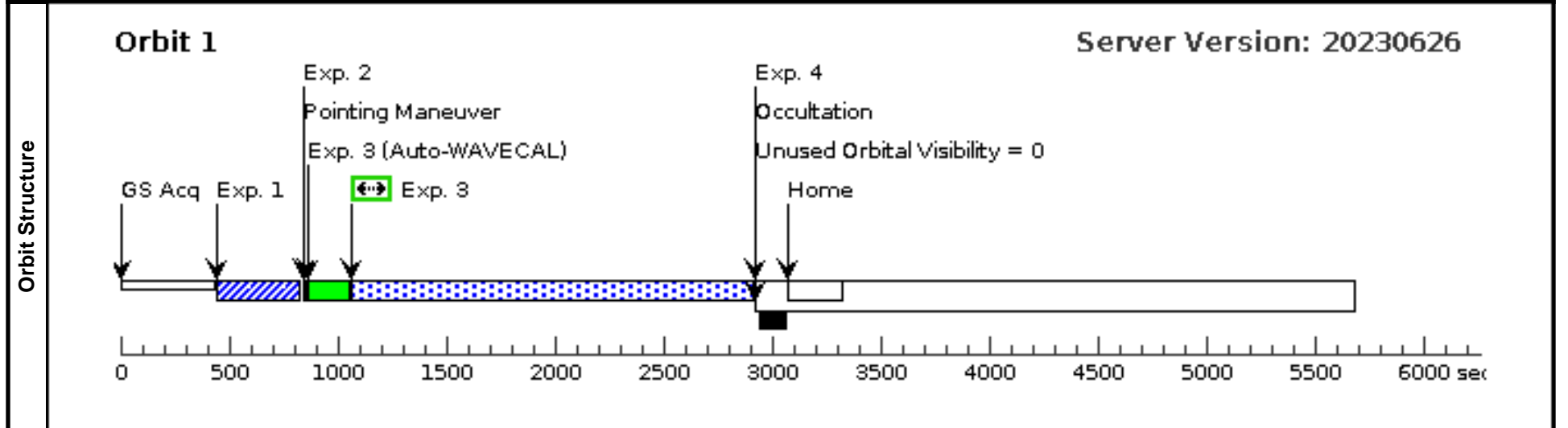
Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 43, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.076:07:25 AND 2024.077:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[QSO]
Extended=NO

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



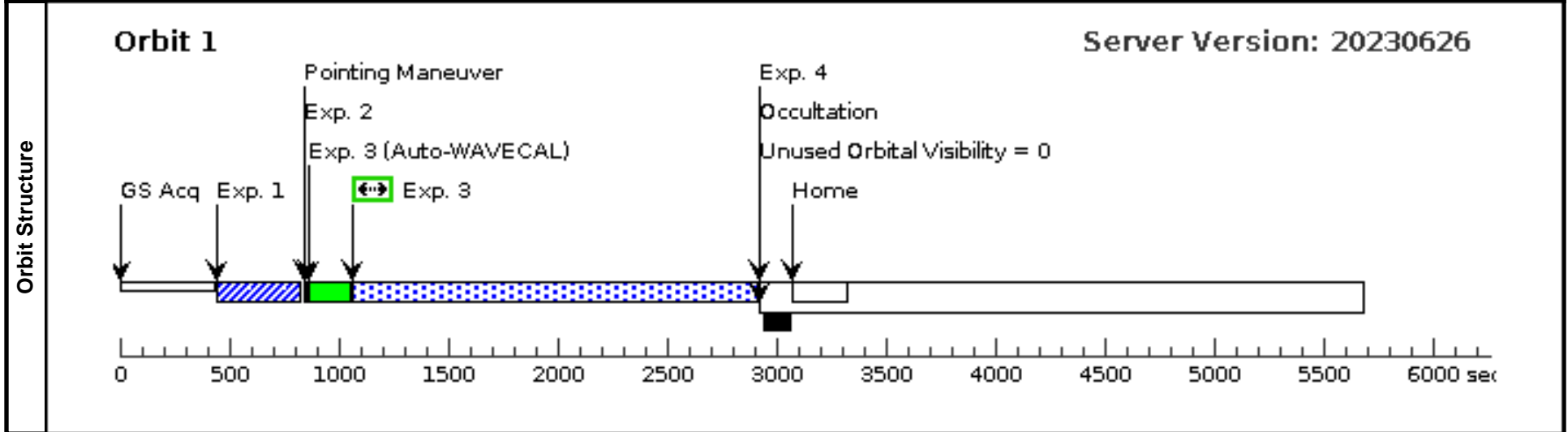
Proposal 17487 - Visit 44 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 44, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.079:07:25 AND 2024.080:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL				[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL				[==>]	[1]



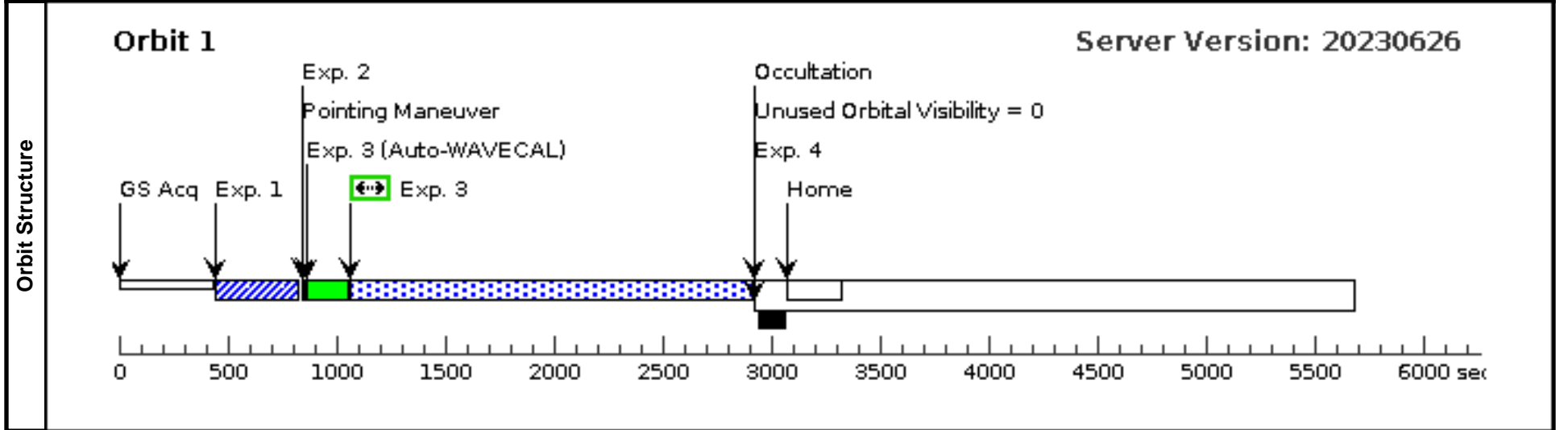
Proposal 17487 - Visit 45 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas arou...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 45, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.082:07:25 AND 2024.083:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]	
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1837 Secs (1837 Secs) [==>]	[1]	
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]	



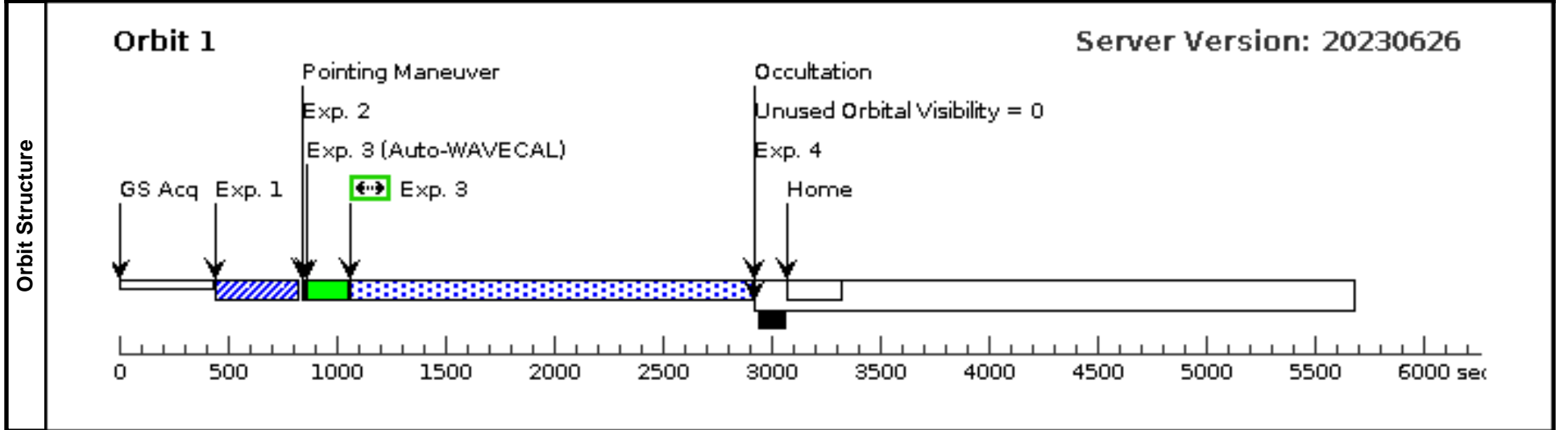
Proposal 17487 - Visit 46 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 46, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.085:07:25 AND 2024.086:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



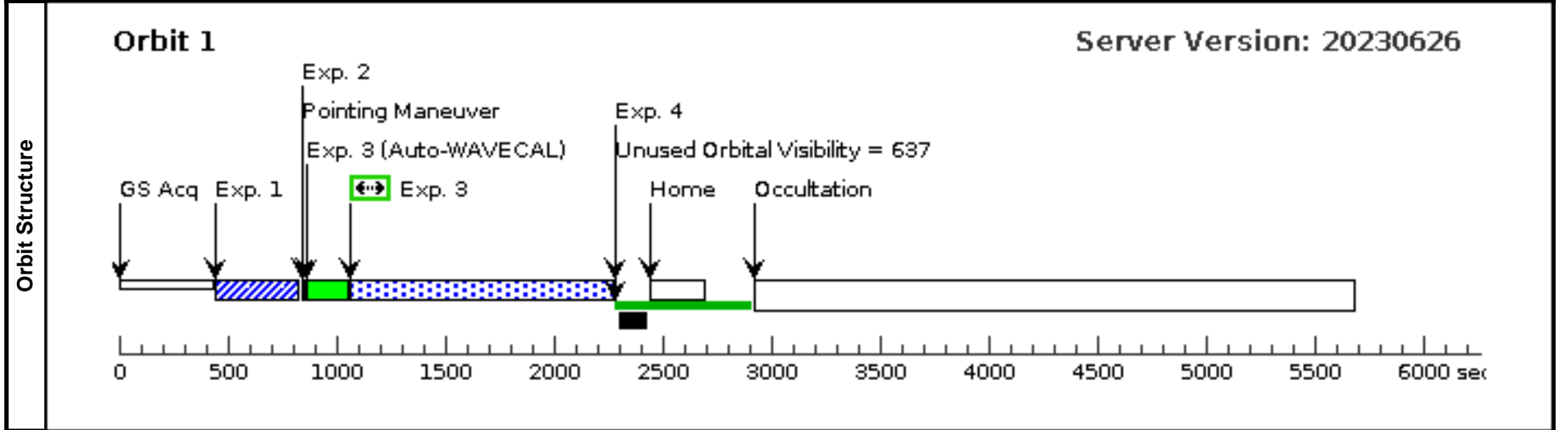
Proposal 17487 - Visit 96 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 96, implementation				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
	<i>Comments:</i>					
	<i>Category=GALAXY</i>					
	<i>Description=[QSO]</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	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR				35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1200 Secs (1200 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



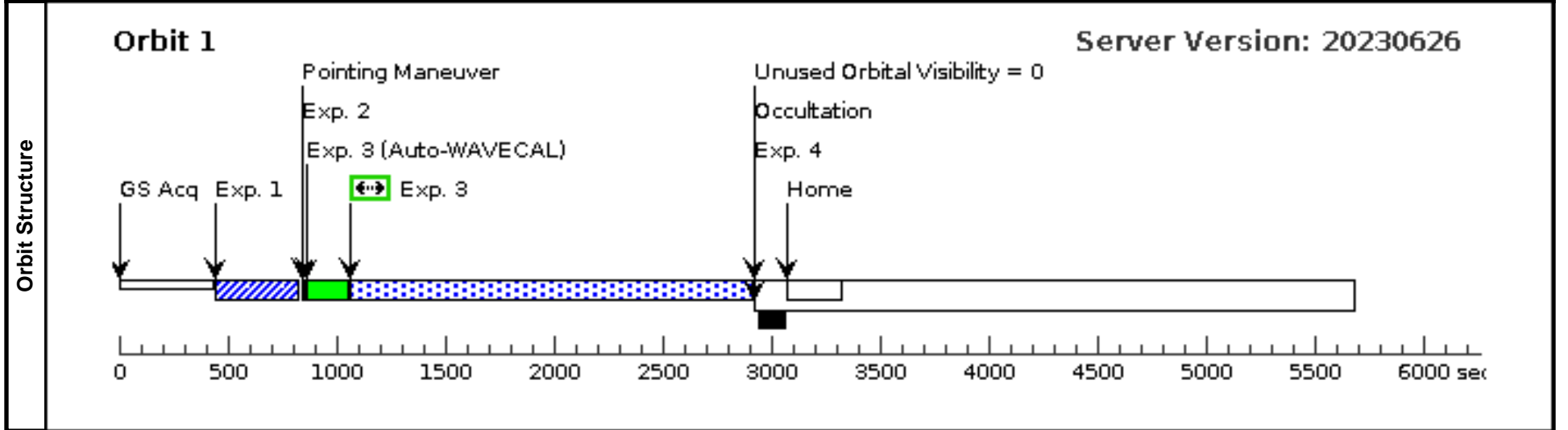
Proposal 17487 - Visit 47 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 47, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.088:07:25 AND 2024.089:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=GALAXY Description=[QSO] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR				35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A				1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



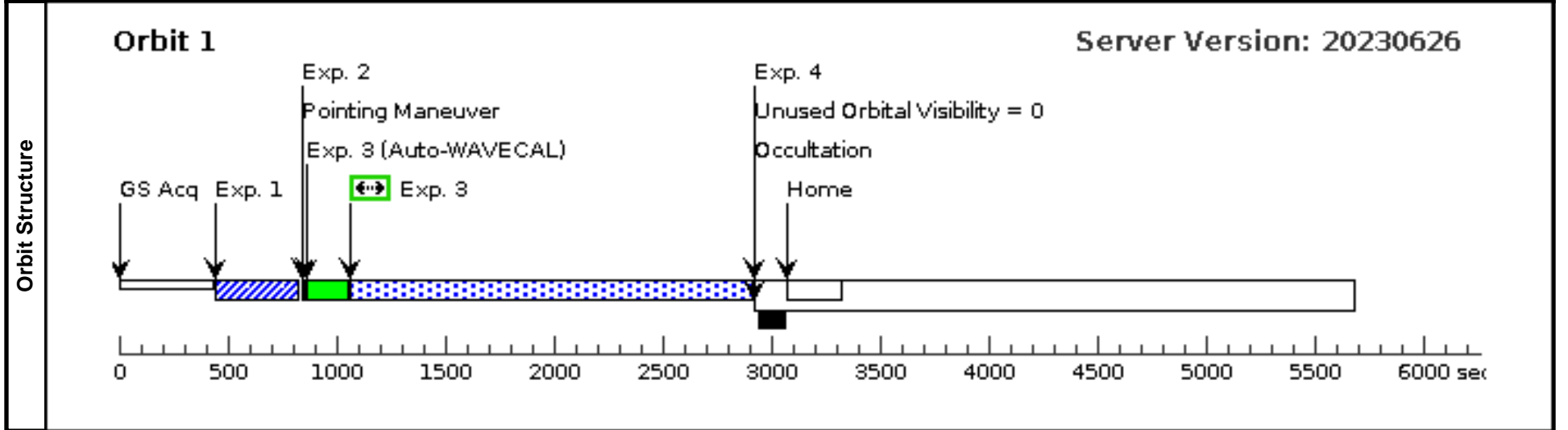
Proposal 17487 - Visit 48 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 48, completed				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.091:07:25 AND 2024.092:00:00				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



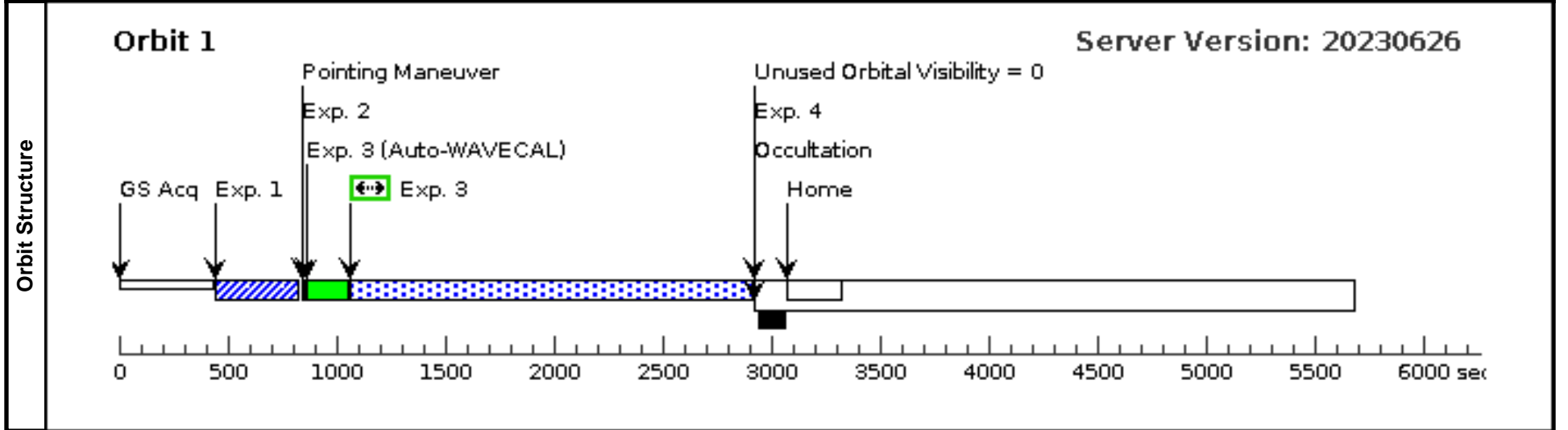
Proposal 17487 - Visit 49 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 49, scheduled				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.094:07:25 AND 2024.095:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS
<i>Comments:</i> Category=GALAXY Description=[QSO] Extended=NO						

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF			SETOFFSET=ZERO ; GRATING1=ALL			[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF			SETOFFSET=REST ORE; GRATING1=ALL			[==>]	[1]



Proposal 17487 - Visit 50 - A Fundamental Test of Black Hole Masses: Ultraviolet Echo Mapping the Multi-Scale Broad Line Gas around...

Tue Apr 02 16:00:57 GMT 2024

Visit	Proposal 17487, Visit 50, scheduled				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: STIS/NUV-MAMA, STIS/CCD, STIS				
	Special Requirements: SCHED 100%; BETWEEN 2024.097:07:25 AND 2024.098:07:50				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSRM-303	RA: 14 18 30.2046 (214.6258525d) Dec: +52 22 12.46 (52.37013d) Equinox: J2000	Redshift: 0.821	V=20.88 i=20.88	Reference Frame: ICRS

Comments:
Category=GALAXY
Description=[QSO]
Extended=NO

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	Targ Acq (STIS.im.18 97827)	(2) SDSSRM-303	STIS/CCD, ACQ, 50CCD	MIRROR					35 Secs (35 Secs) [==>]	[1]
	2	MSMOFF	NONE	STIS, MSMOFF		SETOFFSET=ZERO ; GRATING1=ALL				[==>]	[1]
	3	Science (STIS.sp.18 97325)	(2) SDSSRM-303	STIS/NUV-MAMA, ACCUM, 52X0.2	G230L 2376 A					1837 Secs (1837 Secs) [==>]	[1]
	4	MSMOFF R estore	NONE	STIS, MSMOFF		SETOFFSET=REST ORE; GRATING1=ALL				[==>]	[1]

