



# 16665 - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the Topology of Cosmic Reionization

Cycle: 29, Proposal Category: GO

(Availability Mode: SUPPORTED)

## INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
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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) J0229M0808	WFC3/UVIS	3	07-Apr-2022 14:00:13.0	yes
02	(1) J0229M0808	WFC3/UVIS	3	07-Apr-2022 14:00:13.0	yes
03	(1) J0229M0808	WFC3/UVIS	3	07-Apr-2022 14:00:14.0	yes
04	(1) J0229M0808	WFC3/UVIS	2	07-Apr-2022 14:00:14.0	yes

Proposal 16665 (STScI Edit Number: 4, Created: Thursday, April 7, 2022 at 1:00:25 PM 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>
05	(2) J0244M5008	WFC3/UVIS	3	07-Apr-2022 14:00:15.0	yes
06	(2) J0244M5008	WFC3/UVIS	3	07-Apr-2022 14:00:15.0	yes
07	(2) J0244M5008	WFC3/UVIS	3	07-Apr-2022 14:00:16.0	yes
08	(2) J0244M5008	WFC3/UVIS	2	07-Apr-2022 14:00:16.0	yes
09	(3) J0430M1445	WFC3/UVIS	3	07-Apr-2022 14:00:16.0	yes
10	(3) J0430M1445	WFC3/UVIS	3	07-Apr-2022 14:00:17.0	yes
11	(3) J0430M1445	WFC3/UVIS	3	07-Apr-2022 14:00:17.0	yes
61	(3) J0430M1445	WFC3/UVIS	1	07-Apr-2022 14:00:18.0	yes
12	(3) J0430M1445	WFC3/UVIS	2	07-Apr-2022 14:00:18.0	yes
13	(4) J0910P1656	WFC3/UVIS	3	07-Apr-2022 14:00:19.0	yes
63	(4) J0910P1656	WFC3/UVIS	1	07-Apr-2022 14:00:19.0	yes
14	(4) J0910P1656	WFC3/UVIS	3	07-Apr-2022 14:00:19.0	yes
64	(4) J0910P1656	WFC3/UVIS	2	07-Apr-2022 14:00:20.0	yes
15	(4) J0910P1656	WFC3/UVIS	3	07-Apr-2022 14:00:20.0	yes
65	(4) J0910P1656	WFC3/UVIS	2	07-Apr-2022 14:00:20.0	yes
16	(4) J0910P1656	WFC3/UVIS	2	07-Apr-2022 14:00:21.0	yes
17	(5) J0923P0753	WFC3/UVIS	3	07-Apr-2022 14:00:21.0	yes
67	(5) J0923P0753	WFC3/UVIS	3	07-Apr-2022 14:00:22.0	yes
18	(5) J0923P0753	WFC3/UVIS	3	07-Apr-2022 14:00:22.0	yes
19	(5) J0923P0753	WFC3/UVIS	3	07-Apr-2022 14:00:23.0	yes
20	(5) J0923P0753	WFC3/UVIS	2	07-Apr-2022 14:00:23.0	yes
21	(6) J2002M3013	WFC3/UVIS	3	07-Apr-2022 14:00:23.0	yes
22	(6) J2002M3013	WFC3/UVIS	3	07-Apr-2022 14:00:24.0	yes
23	(6) J2002M3013	WFC3/UVIS	3	07-Apr-2022 14:00:24.0	yes
24	(6) J2002M3013	WFC3/UVIS	2	07-Apr-2022 14:00:25.0	yes

75 Total Orbits Used

## **ABSTRACT**

We propose to obtain deep WFC3/UVIS FQ937N narrow band imaging of a sample of six quasars at  $z \sim 6.7$  with extant high resolution ALMA sub-mm observations and deep optical-to-infrared spectra. These quasar fields will also be observed with deep JWST/NIRCam imaging in rest-frame UV (F115W and F200W) and optical (F356W) as well as slitless spectroscopy at 3-4  $\mu\text{m}$  to detect the H $\beta$ + $[\text{OIII}]$  lines of galaxies in the quasar fields. The proposed HST observations will detect the Lyman alpha emission in  $z \sim 6.7$  galaxies, and together with the JWST observations and deep optical dropout band imaging, will enable us to measure the distribution and the clustering of Lyman alpha emitters (LAEs) in the quasar vicinity and thus measure the dark matter halo mass of these earliest supermassive black holes (SMBHs). Compared with the distribution and clustering of more massive H $\beta$ + $[\text{OIII}]$  emitters in quasar vicinity, we will gain insights on how the strong quasar UV radiation affects the formation of galaxies at different masses. The HST narrow band observations will detect close companion galaxies and the extended Lyman alpha halos around the quasars to pinpoint whether the fast black hole growth are triggered by galaxy merger or cold stream accretion. The combination of the HST narrow band observations and JWST observations will also provide unparalleled measurements of the Lyman alpha emitting galaxy fraction and the distribution of the Lyman alpha line equivalent width and luminosity in the highly ionized quasar vicinity and constrain the reionization topology by comparing with such measurements in blank fields without strong ionization radiation from quasar and/or overdensity of galaxies.

## **OBSERVING DESCRIPTION**

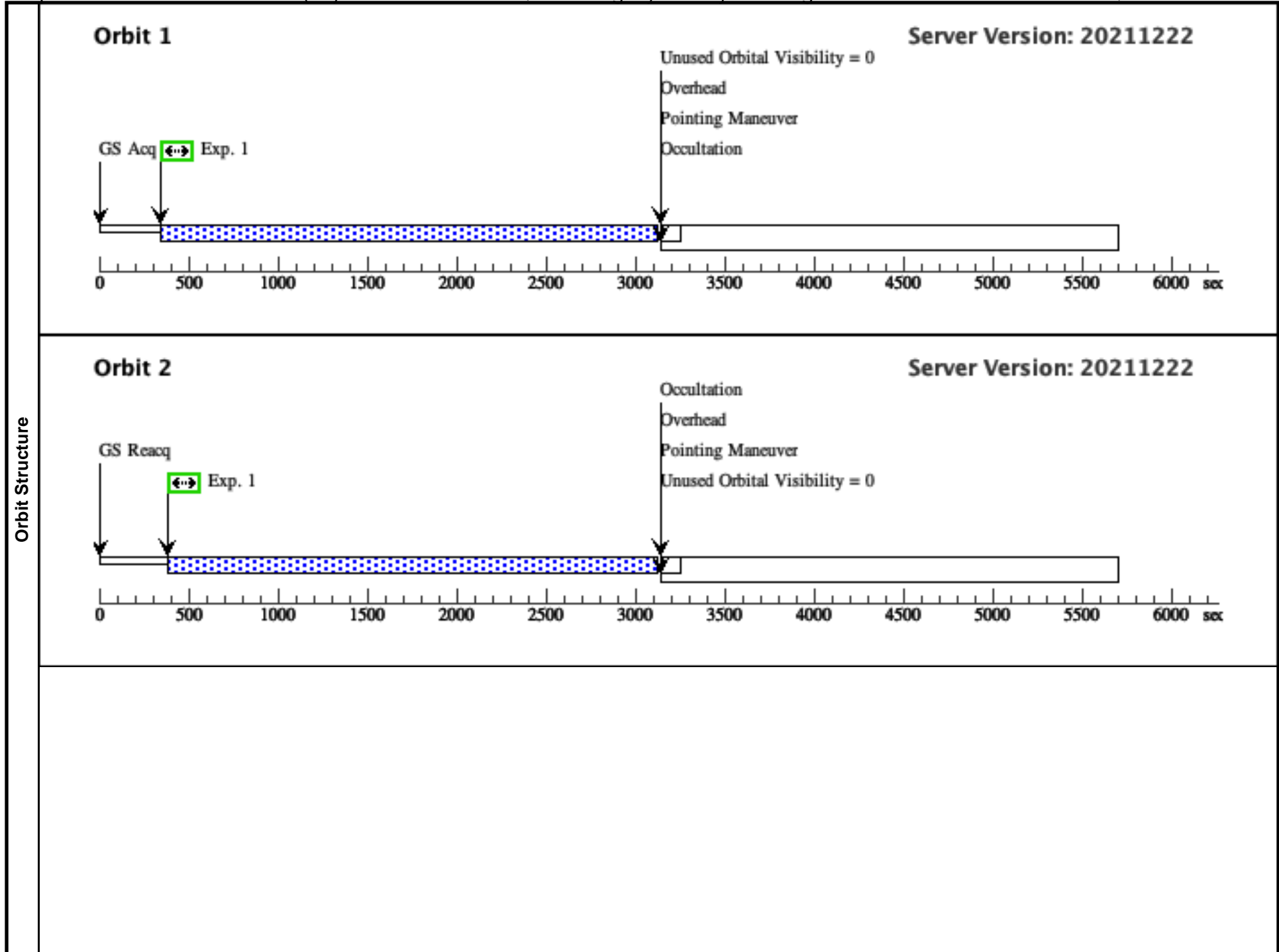
This program aims to obtain deep WFC3/UVIS-FQ937N narrow band imaging of six quasars at  $z \sim 6.7$ . The Lyman alpha emission line at  $z \sim 6.7$  falls into the center of this filter. The HST observations will be combined with the approved JWST program 2078 and planned deep ground-based dropout imaging which will enable a galaxy population census around quasars and also the characterization of extended Lyman alpha halo around quasars themselves.

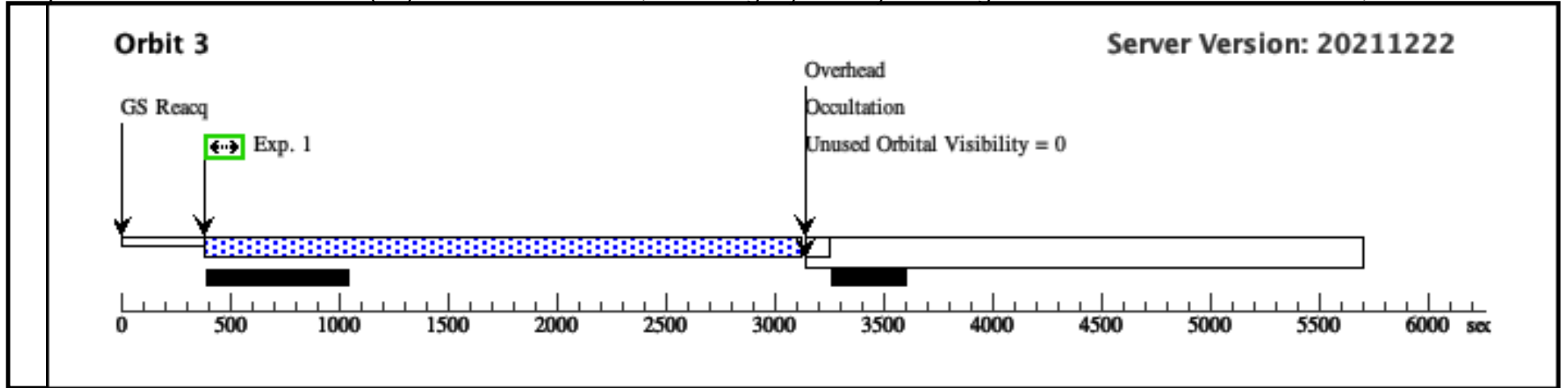
Each quasar is allocated 11 primary orbits. We split the 11-orbits observations into four visits (3 visits with 3 orbits and 1 visit with 2 orbits). The 3-orbits visits are designed with the UVIS-DITHER-LINE-3PT dither pattern and the 2-orbits visit is designed with the VUIS-DITHER-LINE dither pattern. To improve the PSF sampling and hot pixel rejection, we choose different pattern orientations. The narrow band observations are orbit-long exposures. In order to reduce the missing flux caused by the CTE issue, we add post-flash with 15 electrons which will ensure the total background counts to be  $>20$  electrons.

Proposal 16665 - J0229M0808 (01) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:25 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J0229M0808 (01), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0229M0808 (01))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(1)	J0229M0808	RA: 02 29 35.2460 (37.3968583d) Dec: -08 08 22.98 (-8.13972d) Equinox: J2000		V=(?) 26, z=6.7249	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(1) J0229M0808	(1) J0229M0808	WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12		Pattern 1, Exps 1-1 i n J0229M0808 (01) ( 1)	2745 Secs (8244 Secs)	
									[=>2754.0 Secs (Pattern 1)]	[1]
									[=>2745.0 Secs (Pattern 2)]	[2]
								[=>2745.0 Secs (Pattern 3)]	[3]	

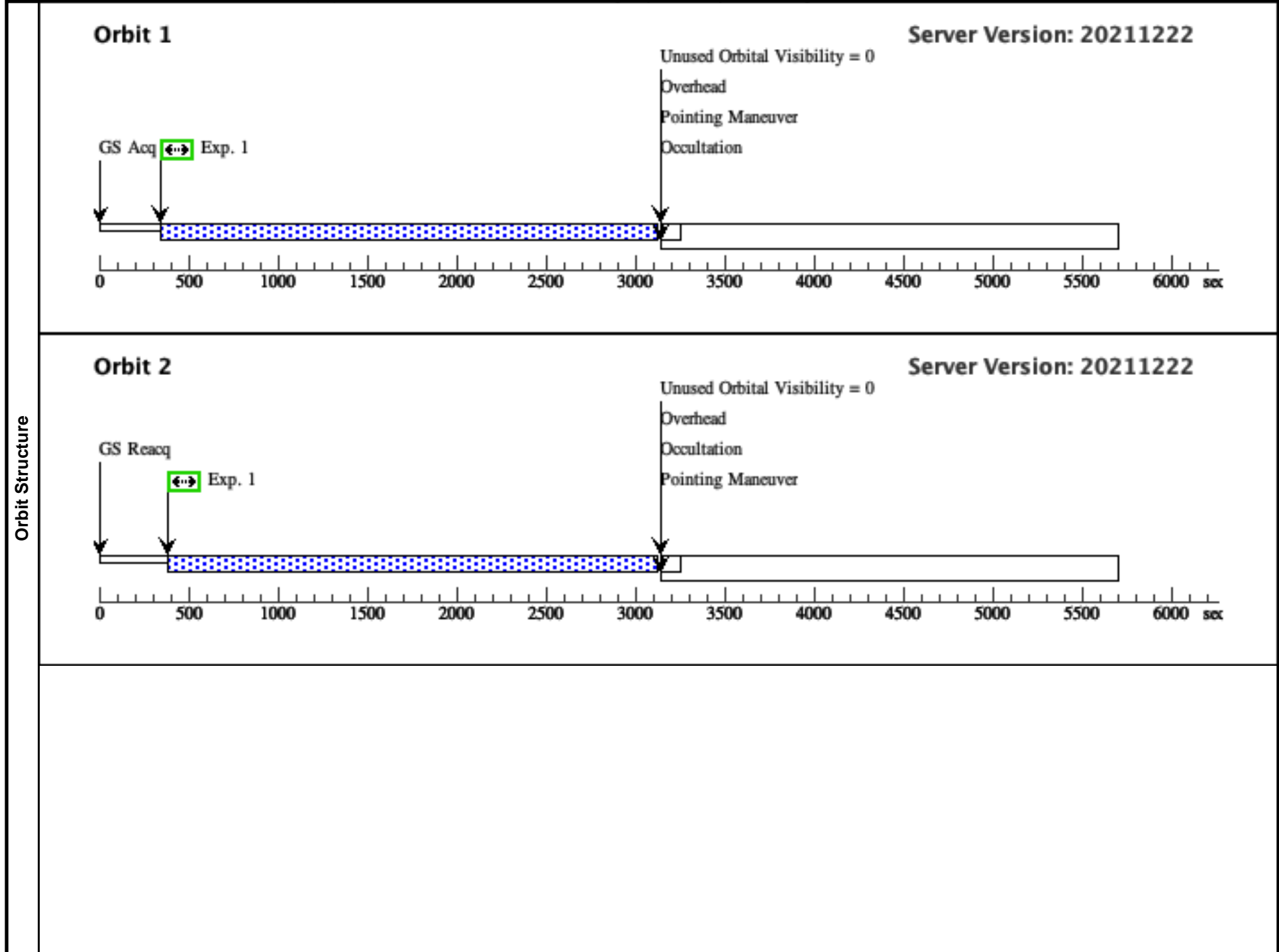


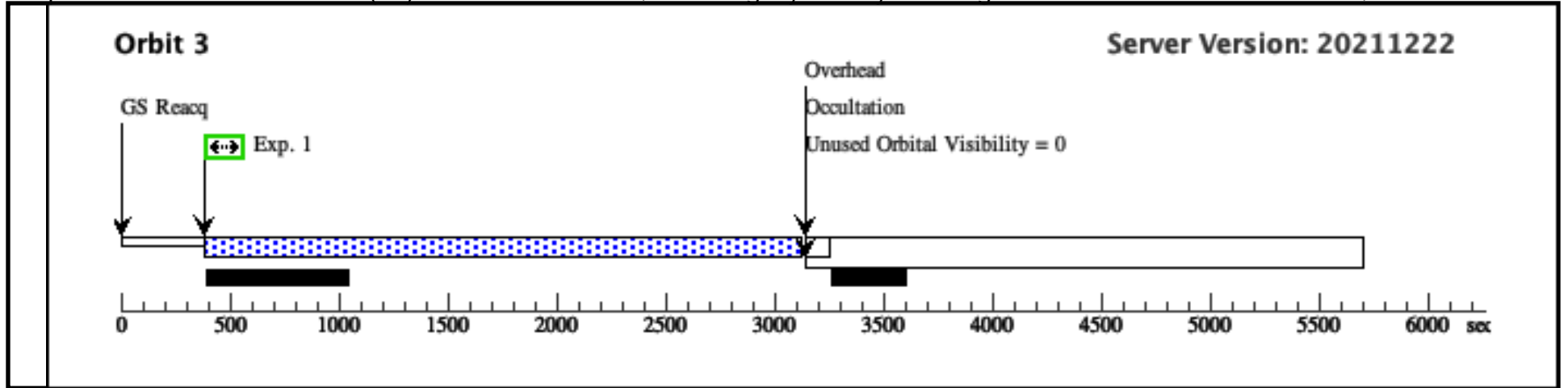


Proposal 16665 - J0229M0808 (02) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:25 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J0229M0808 (02), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 01									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0229M0808 (02))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(1)	J0229M0808	RA: 02 29 35.2460 (37.3968583d) Dec: -08 08 22.98 (-8.13972d) Equinox: J2000		V=(?) 26, z=6.7249	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(1) J0229M0808		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.8,0.8	Pattern 1, Exps 1-1 i n J0229M0808 (02) ( 1)	2745 Secs (8244 Secs)	
									[==>2754.0 Secs (Pattern 1)]	[1]
									[==>2745.0 Secs (Pattern 2)]	[2]
								[==>2745.0 Secs (Pattern 3)]	[3]	

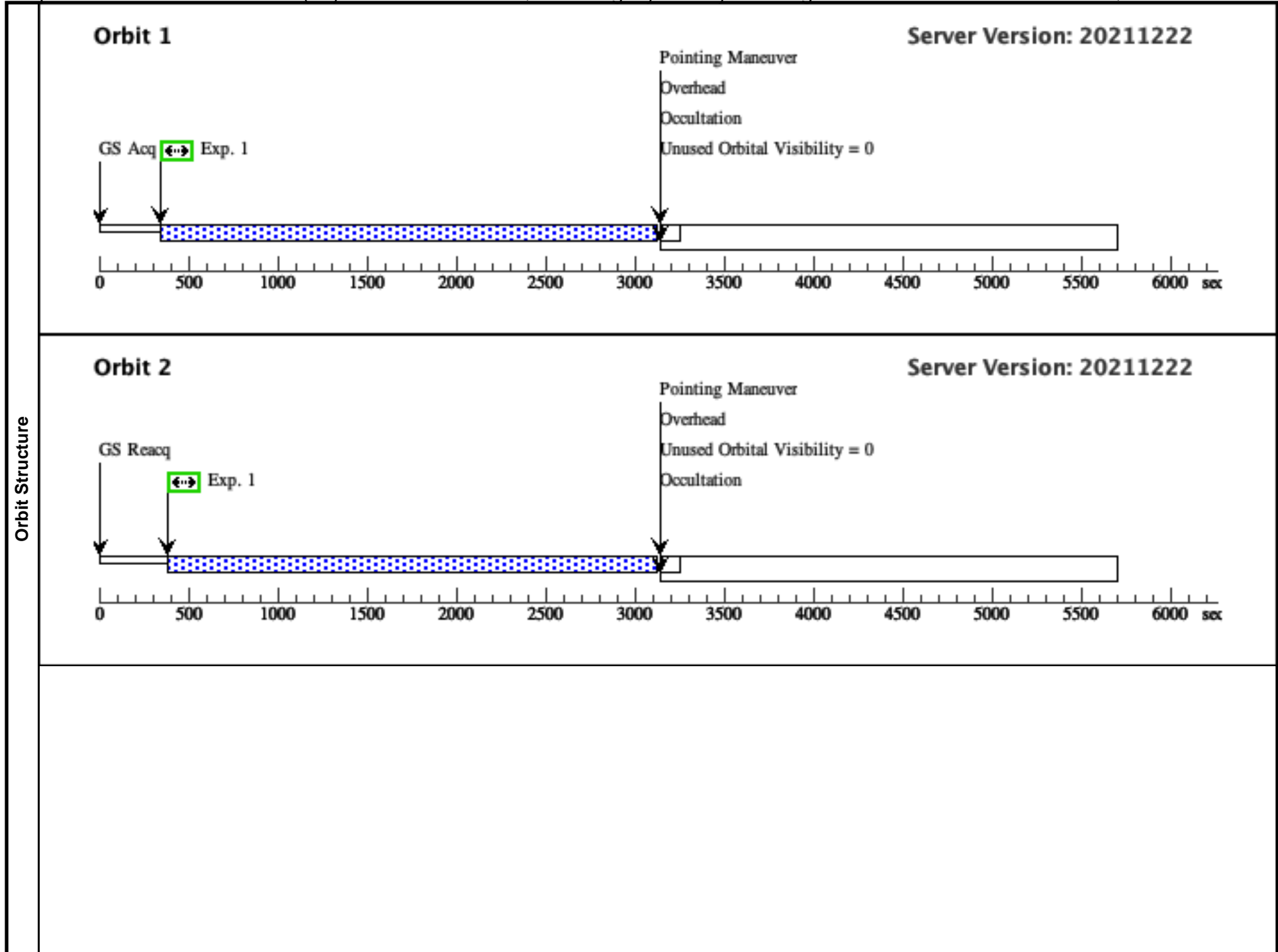


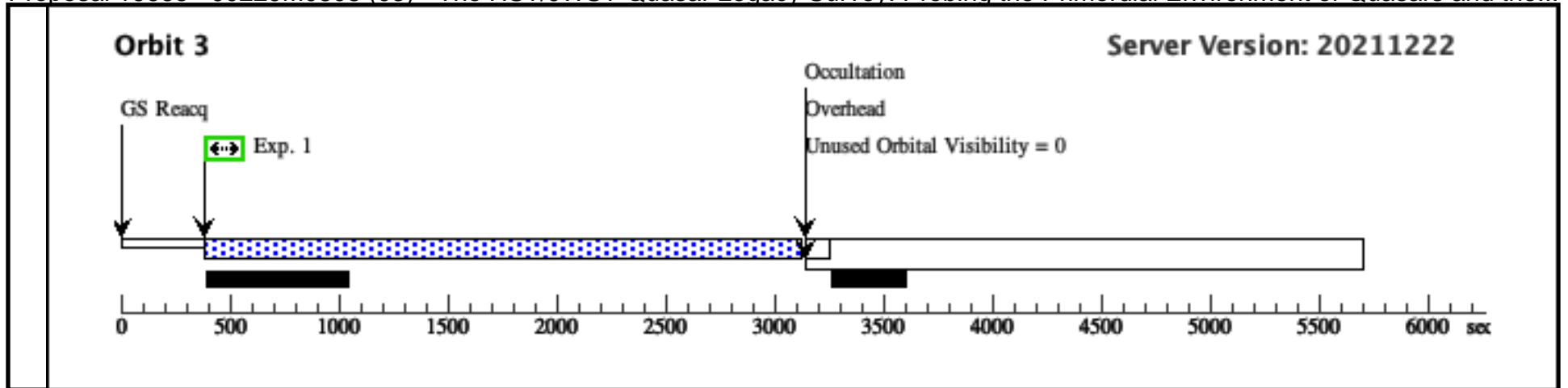


Proposal 16665 - J0229M0808 (03) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:25 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J0229M0808 (03), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 01									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0229M0808 (03))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>			<b>Exposures</b>				
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)			
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(1)	J0229M0808	RA: 02 29 35.2460 (37.3968583d) Dec: -08 08 22.98 (-8.13972d) Equinox: J2000		V=(?) 26, z=6.7249	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(1) J0229M0808		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG -0.8,-0.8	Pattern 1, Exps 1-1 in J0229M0808 (03) (1)	2745 Secs (8244 Secs)	
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									[=>2745.0 Secs (Pattern 2)]	[2]
								[=>2745.0 Secs (Pattern 3)]	[3]	

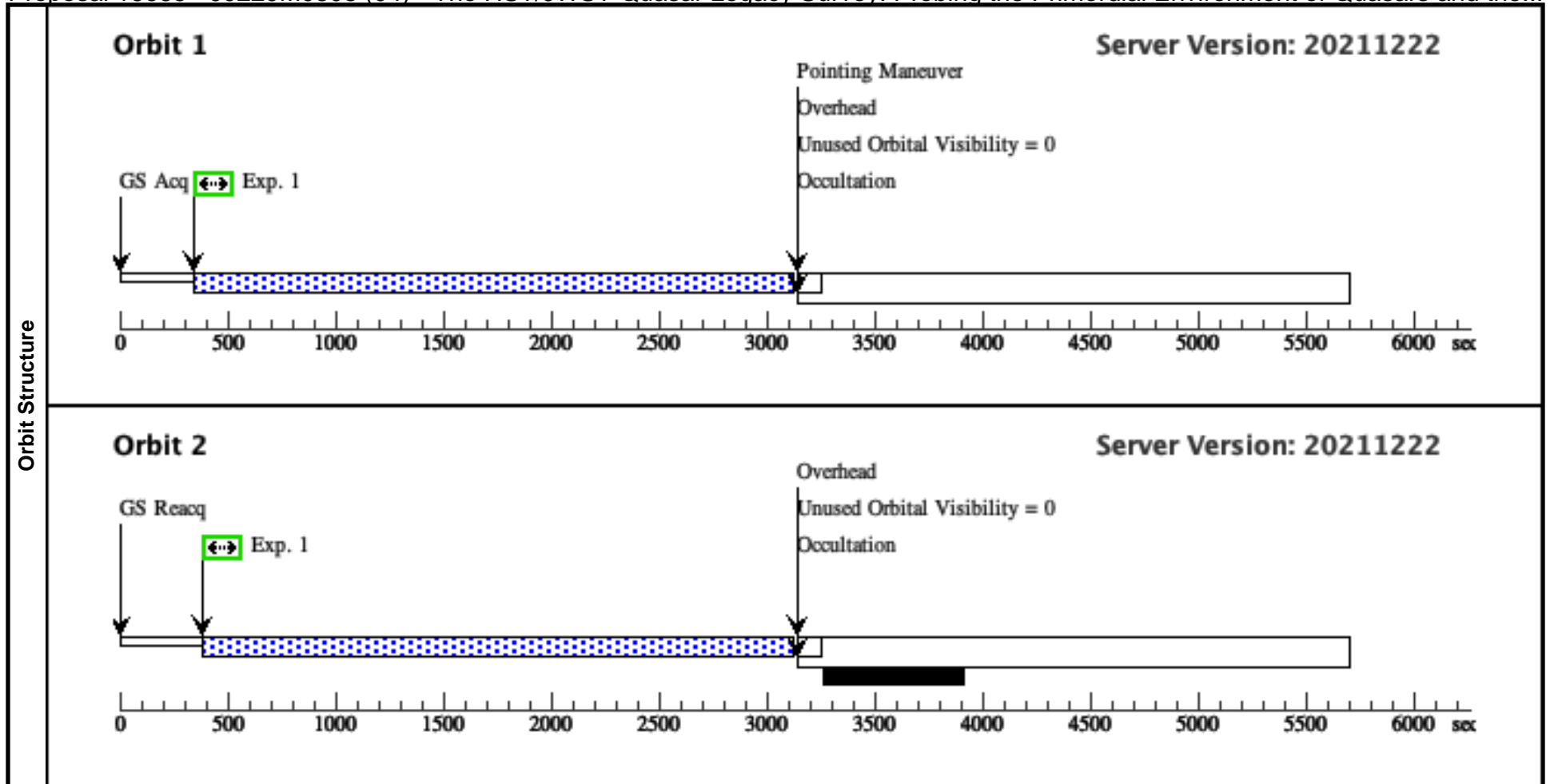




Proposal 16665 - J0229M0808 (04) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:26 GMT 2022

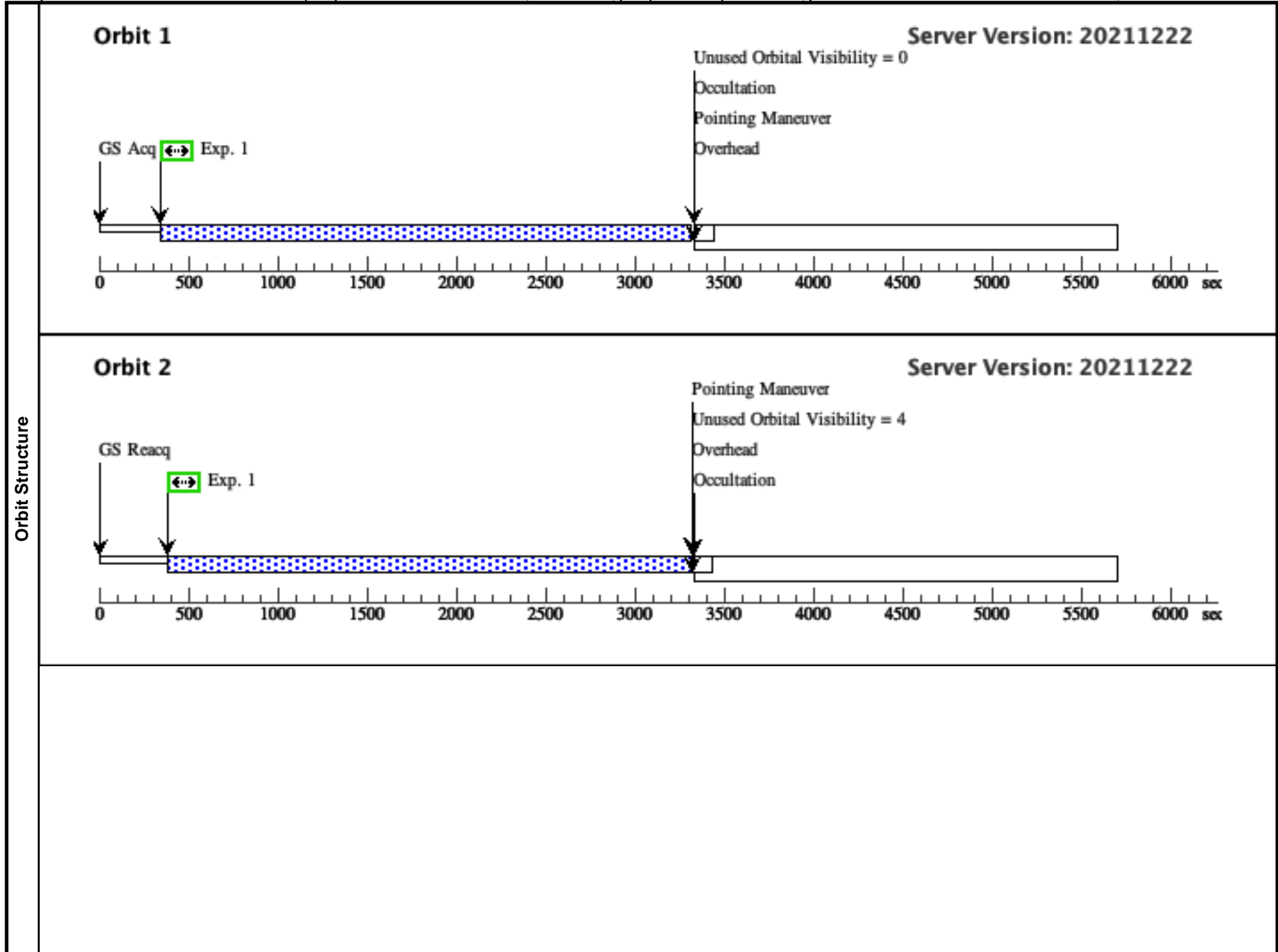
<b>Visit</b>	Proposal 16665, J0229M0808 (04), completed <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 01									
	(Exposure 1 (Pattern 2, Exps 1-1 in J0229M0808 (04))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(1)	J0229M0808	RA: 02 29 35.2460 (37.3968583d) Dec: -08 08 22.98 (-8.13972d) Equinox: J2000		V=(?) 26, z=6.7249	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(1) J0229M0808		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.4,0.4	Pattern 2, Exps 1-1 i n J0229M0808 (04) (2)	2745 Secs (5499 Secs)	
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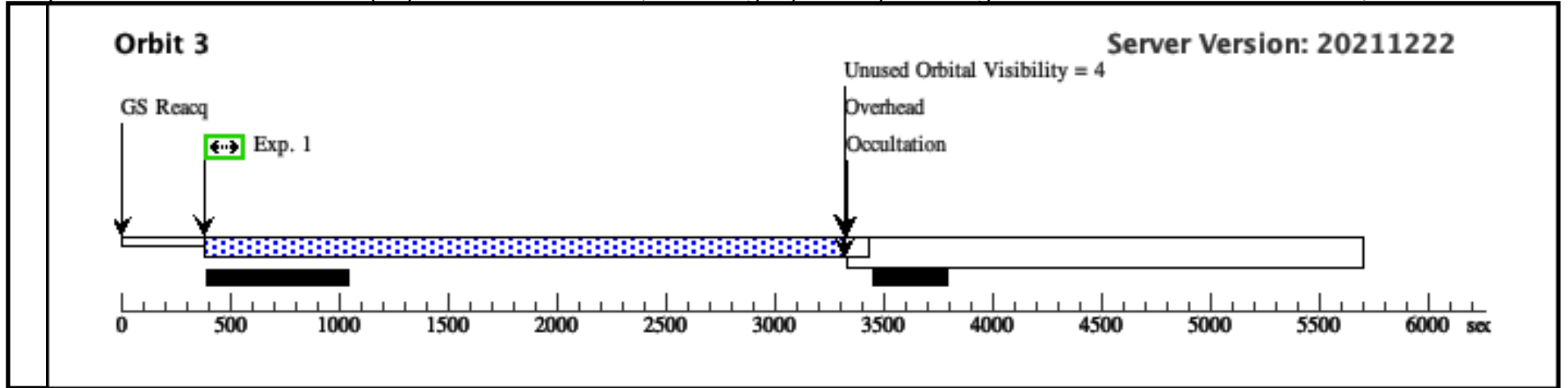


Proposal 16665 - J0244M5008 (05) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:26 GMT 2022

<b>Visit</b>	Proposal 16665, J0244M5008 (05), completed <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
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<b>Diagnosics</b>										
<b>Patterns</b>	#	<b>Primary Pattern</b>	<b>Secondary Pattern</b>		<b>Exposures</b>					
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1)					
<b>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(2)	J0244M5008	RA: 02 44 1.0200 (41.0042500d) Dec: -50 08 53.70 (-50.14825d) Equinox: J2000		V=(?) 26, z=6.7306	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(2) J0244M5008		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12		Pattern 1, Exps 1-1 in J0244M5008 (05) (1)	2745 Secs (8800 Secs)	
									[=>2942.0 Secs (Pattern 1)]	[1]
									[=>2929.0 Secs (Pattern 2)]	[2]
								[=>2929.0 Secs (Pattern 3)]	[3]	

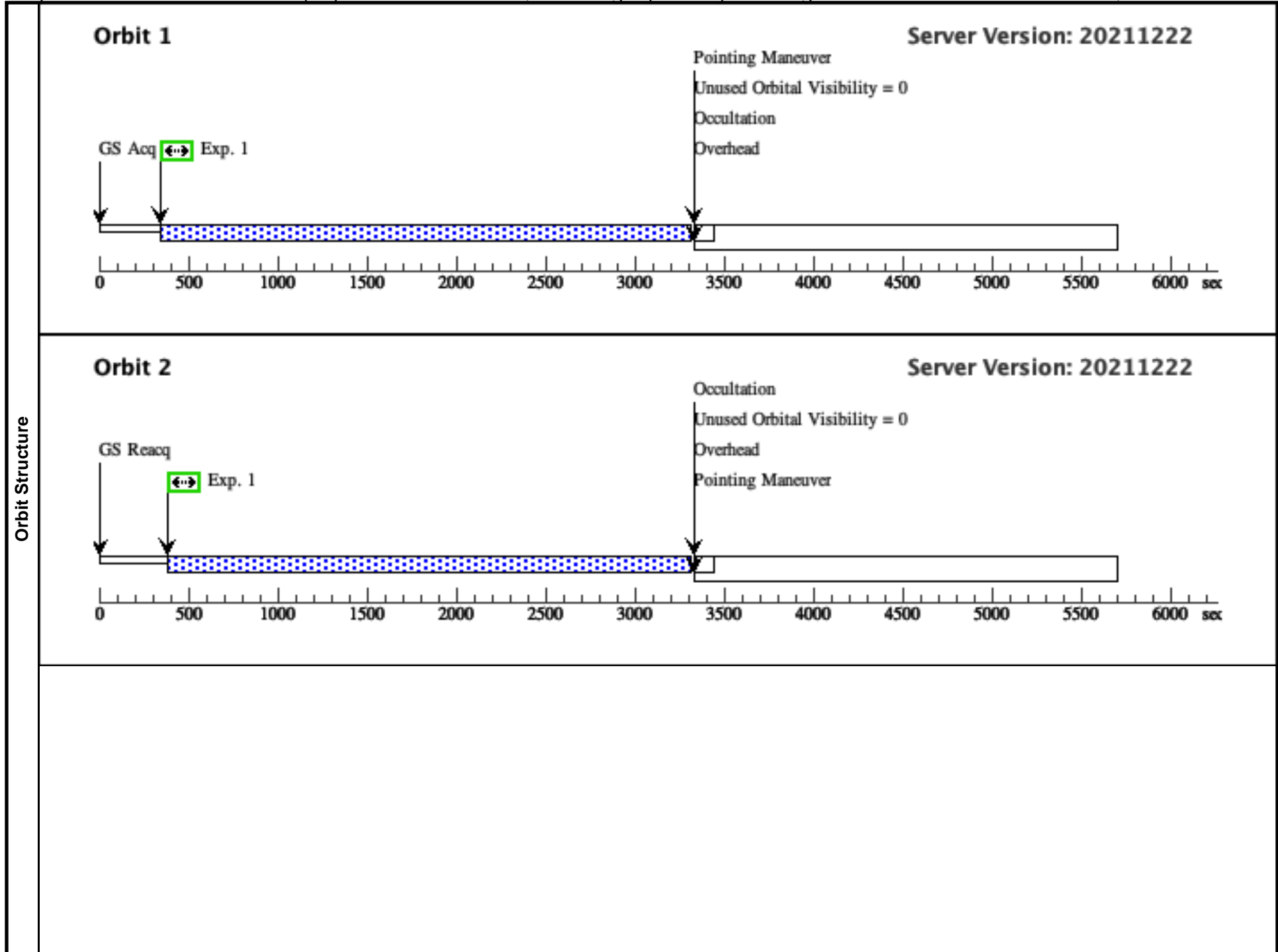


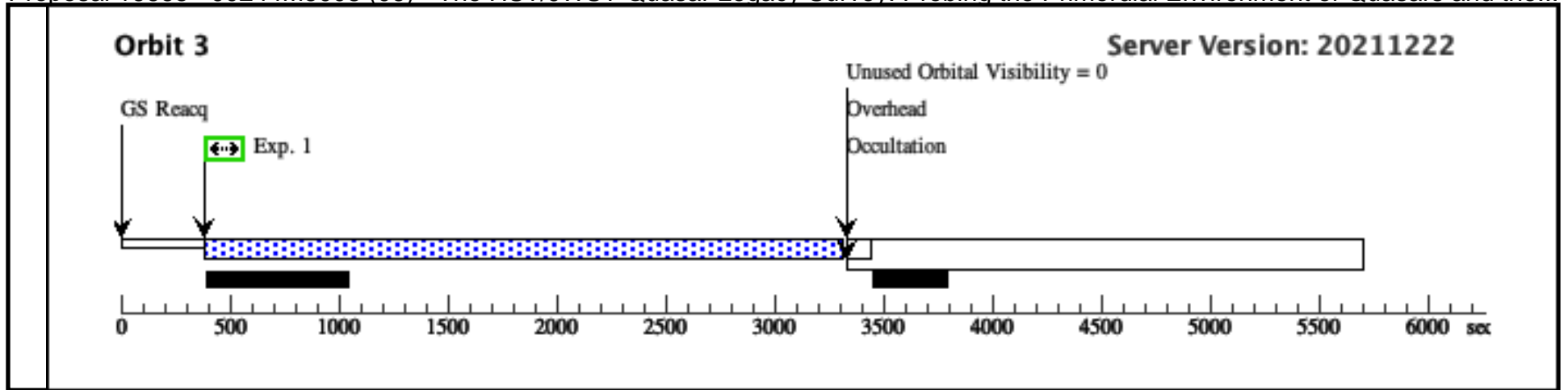


Proposal 16665 - J0244M5008 (06) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:26 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J0244M5008 (06), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05									
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<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>			<b>Exposures</b>				
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)				
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(2)	J0244M5008	RA: 02 44 1.0200 (41.0042500d) Dec: -50 08 53.70 (-50.14825d) Equinox: J2000		V=(?) 26, z=6.7306	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(2) J0244M5008		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.8,0.8	Pattern 1, Exps 1-1 i n J0244M5008 (06) (1)	2745 Secs (8808 Secs)	
									[==>2942.0 Secs (Pattern 1)]	[1]
									[==>2933.0 Secs (Pattern 2)]	[2]
								[==>2933.0 Secs (Pattern 3)]	[3]	

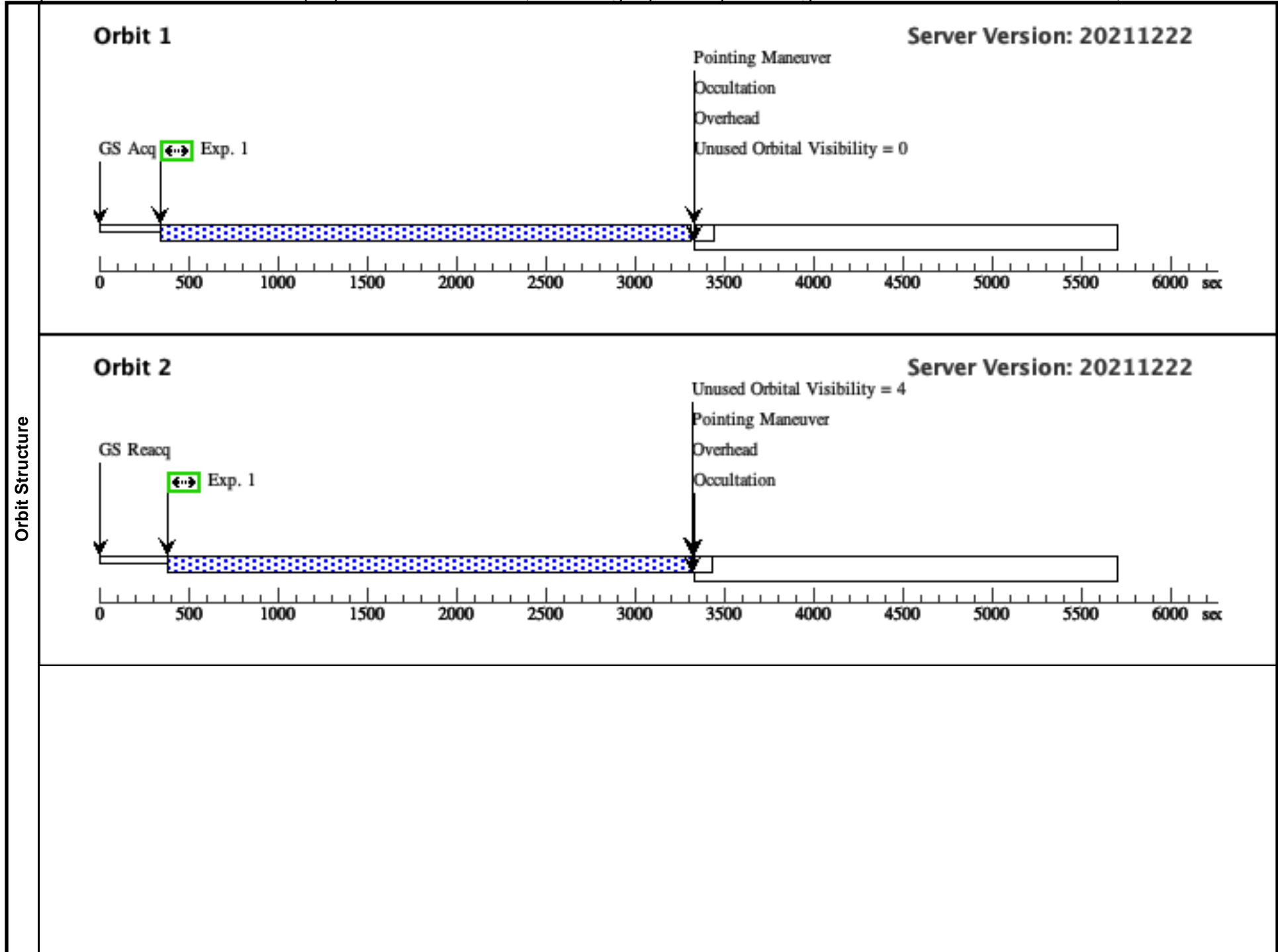


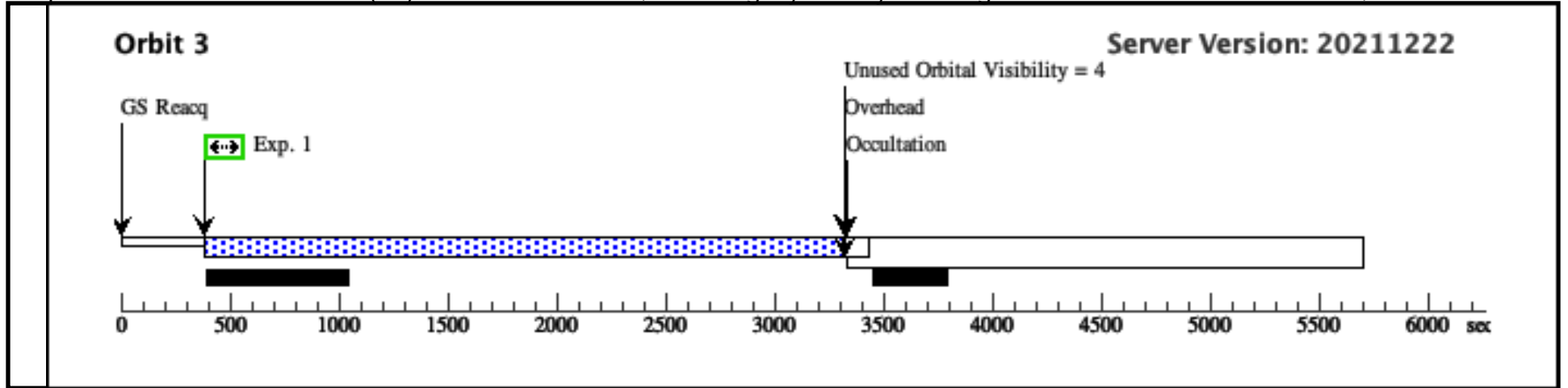


Proposal 16665 - J0244M5008 (07) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:26 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J0244M5008 (07), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0244M5008 (07))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)				
<b>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(2)	J0244M5008	RA: 02 44 1.0200 (41.0042500d) Dec: -50 08 53.70 (-50.14825d) Equinox: J2000		V=(?) 26, z=6.7306	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(2) J0244M5008		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG -0.8,-0.8	Pattern 1, Exps 1-1 in J0244M5008 (07) (1)	2745 Secs (8800 Secs)	
									[=>2942.0 Secs (Pattern 1)]	[1]
									[=>2929.0 Secs (Pattern 2)]	[2]
								[=>2929.0 Secs (Pattern 3)]	[3]	

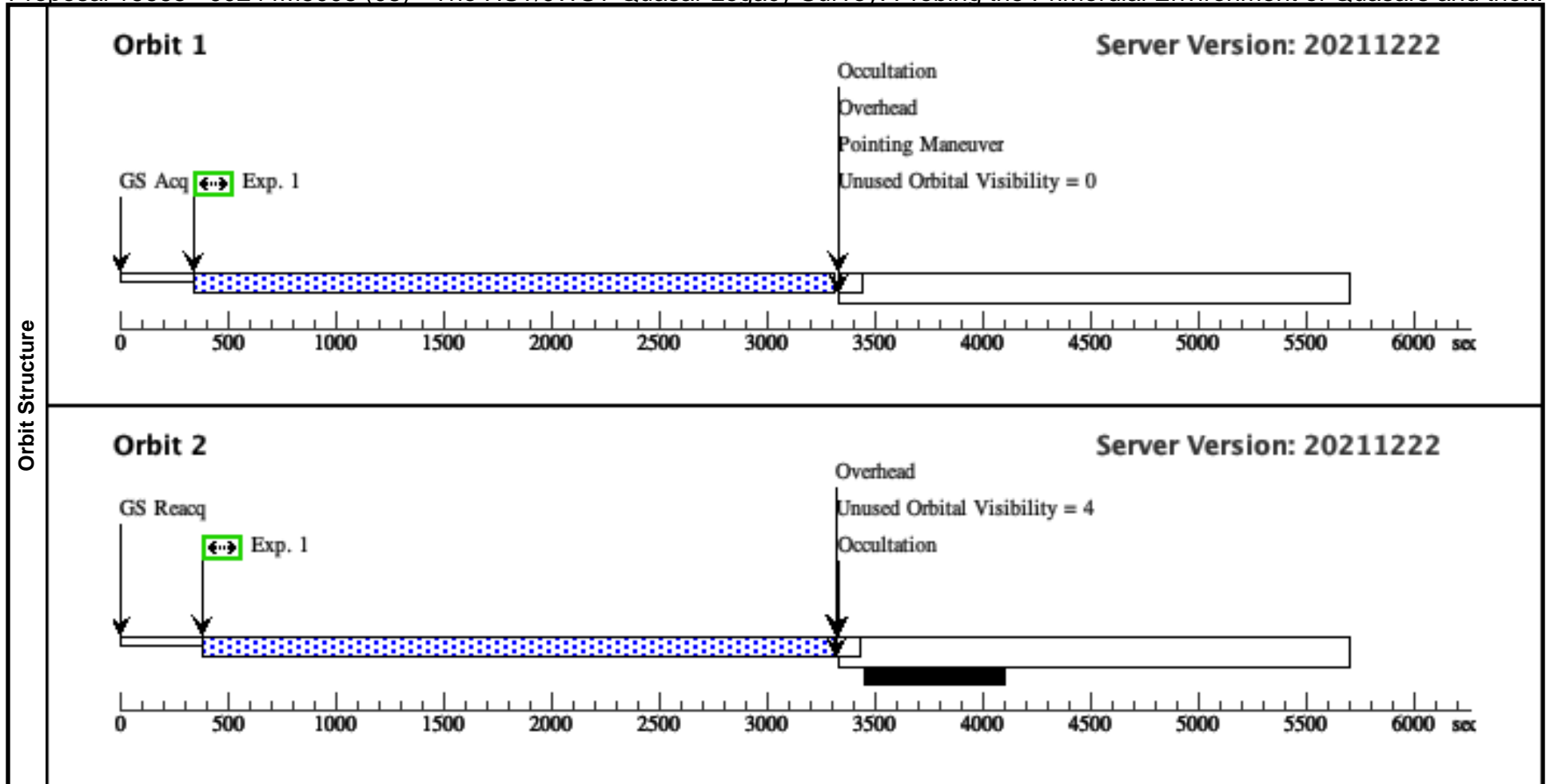




Proposal 16665 - J0244M5008 (08) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:26 GMT 2022

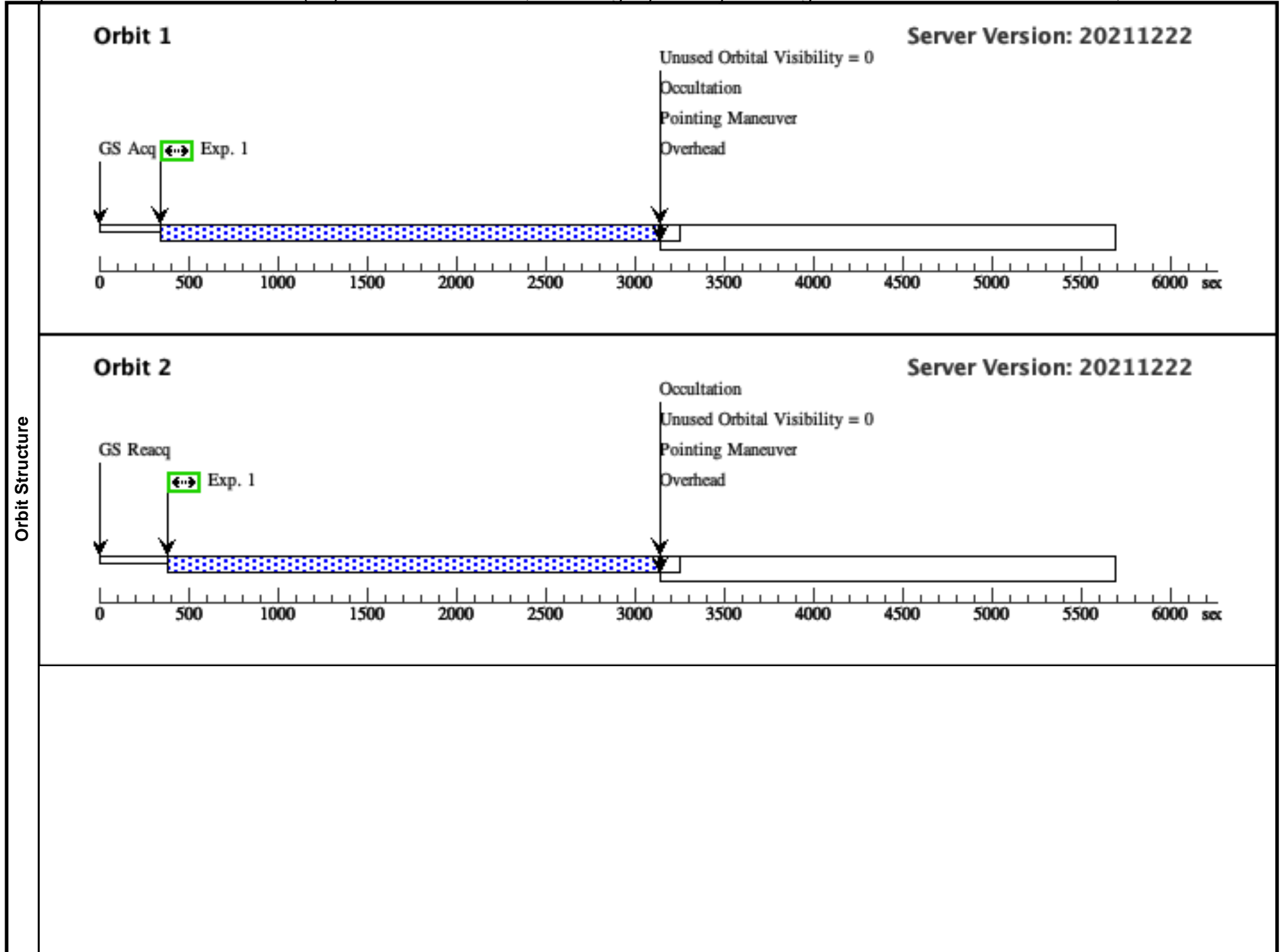
<b>Visit</b>	Proposal 16665, J0244M5008 (08), completed <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 05									
	(Exposure 1 (Pattern 2, Exps 1-1 in J0244M5008 (08))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	#	<b>Primary Pattern</b>	<b>Secondary Pattern</b>		<b>Exposures</b>					
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false			(1)					
<b>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(2)	J0244M5008	RA: 02 44 1.0200 (41.0042500d) Dec: -50 08 53.70 (-50.14825d) Equinox: J2000		V=(?) 26, z=6.7306	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(2) J0244M5008		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.4,0.4	Pattern 2, Exps 1-1 in J0244M5008 (08) (2)	2745 Secs (5871 Secs)	
									[==>2942.0 Secs (Pattern 1)]	[1]
									[==>2929.0 Secs (Pattern 2)]	[2]

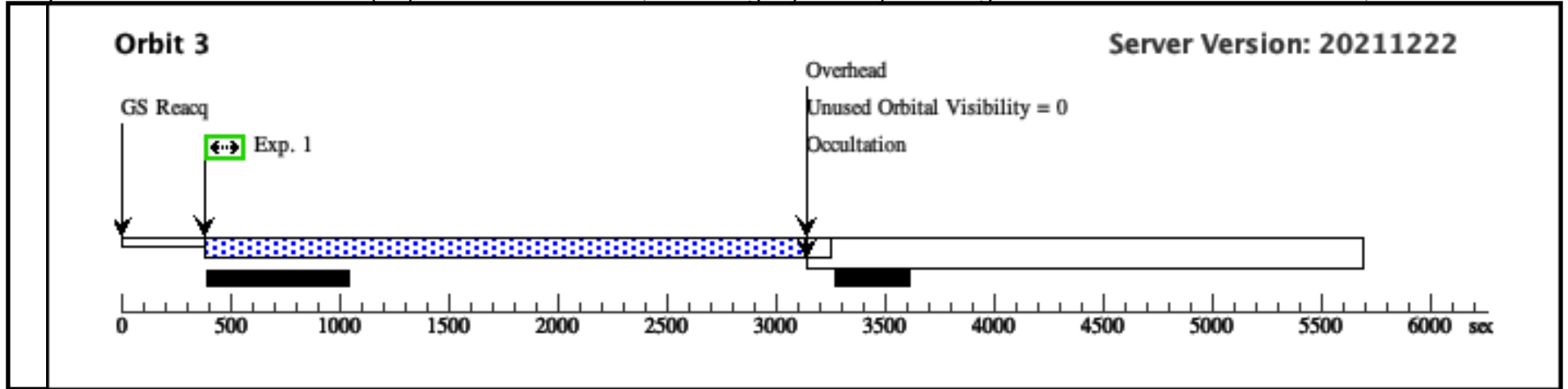


Proposal 16665 - J0430M1445 (09) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:26 GMT 2022

<b>Visit</b>	Proposal 16665, J0430M1445 (09), completed <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0430M1445 (09))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(3)	J0430M1445	RA: 04 30 43.6600 (67.6819167d) Dec: -14 45 41.21 (-14.76145d) Equinox: J2000		V=(?) 26, z=6.7142	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(3) J0430M1445		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12		Pattern 1, Exps 1-1 i n J0430M1445 (09) ( 1)	2745 Secs (8256 Secs)	
									[=>2758.0 Secs (Pattern 1)]	[1]
									[=>2749.0 Secs (Pattern 2)]	[2]
								[=>2749.0 Secs (Pattern 3)]	[3]	

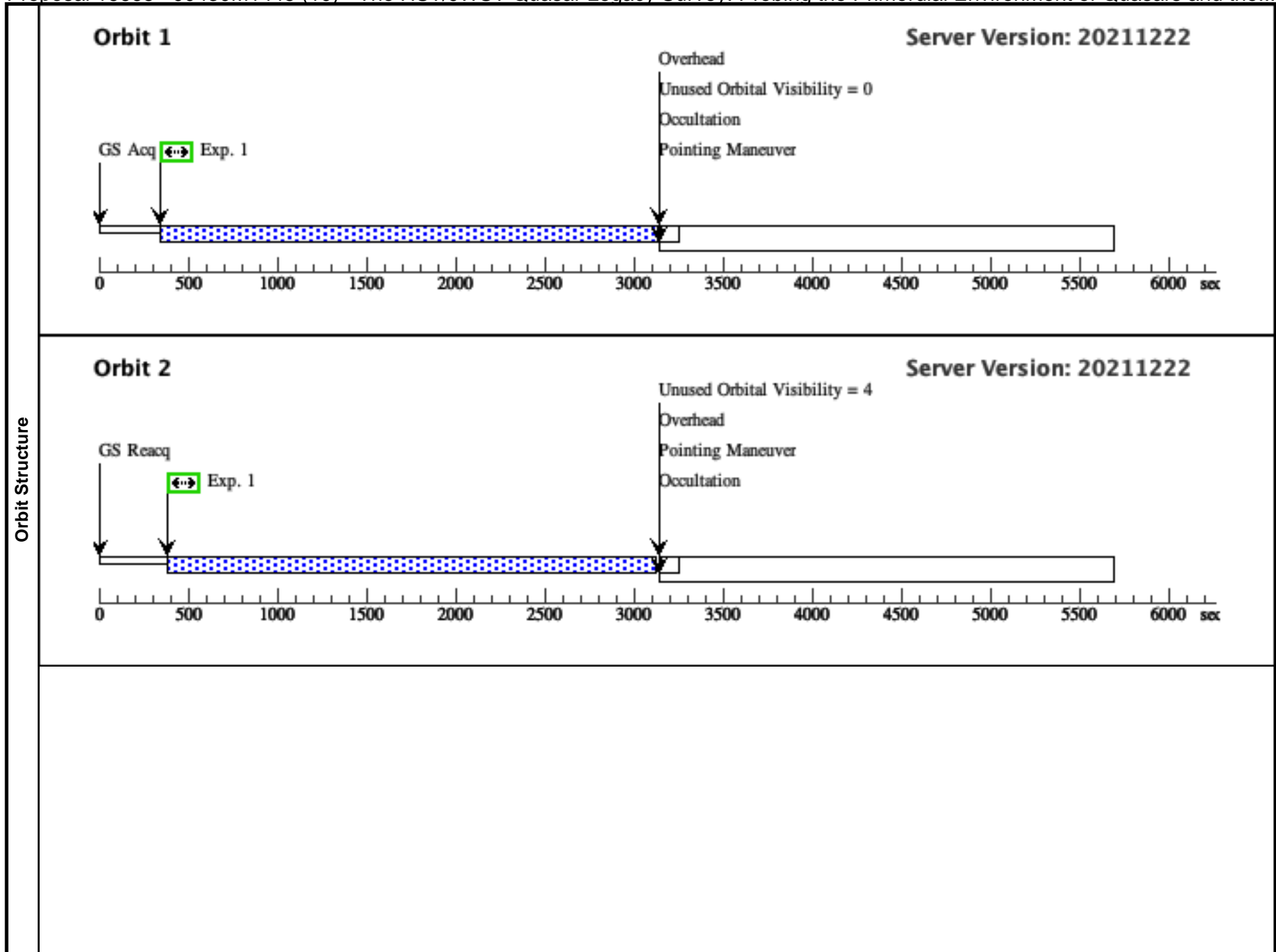


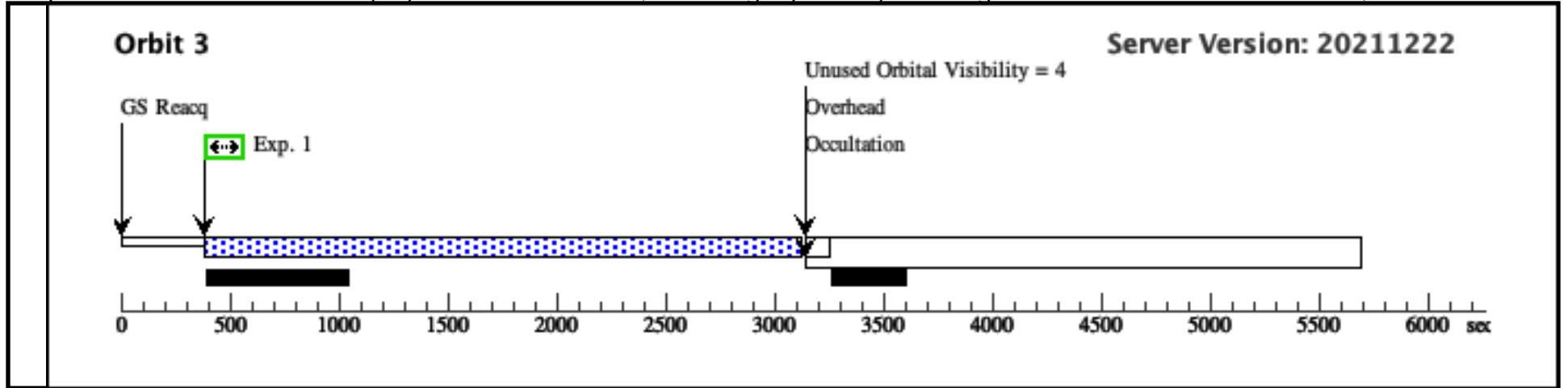


Proposal 16665 - J0430M1445 (10) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:26 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J0430M1445 (10), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 09									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0430M1445 (10))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(3)	J0430M1445	RA: 04 30 43.6600 (67.6819167d) Dec: -14 45 41.21 (-14.76145d) Equinox: J2000		V=(?) 26, z=6.7142	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(3) J0430M1445		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.8,0.8	Pattern 1, Exps 1-1 in J0430M1445 (10) (1)	2745 Secs (8248 Secs)	
									[=>2758.0 Secs (Pattern 1)]	[1]
									[=>(Pattern 2)]	[2]
								[=>(Pattern 3)]	[3]	

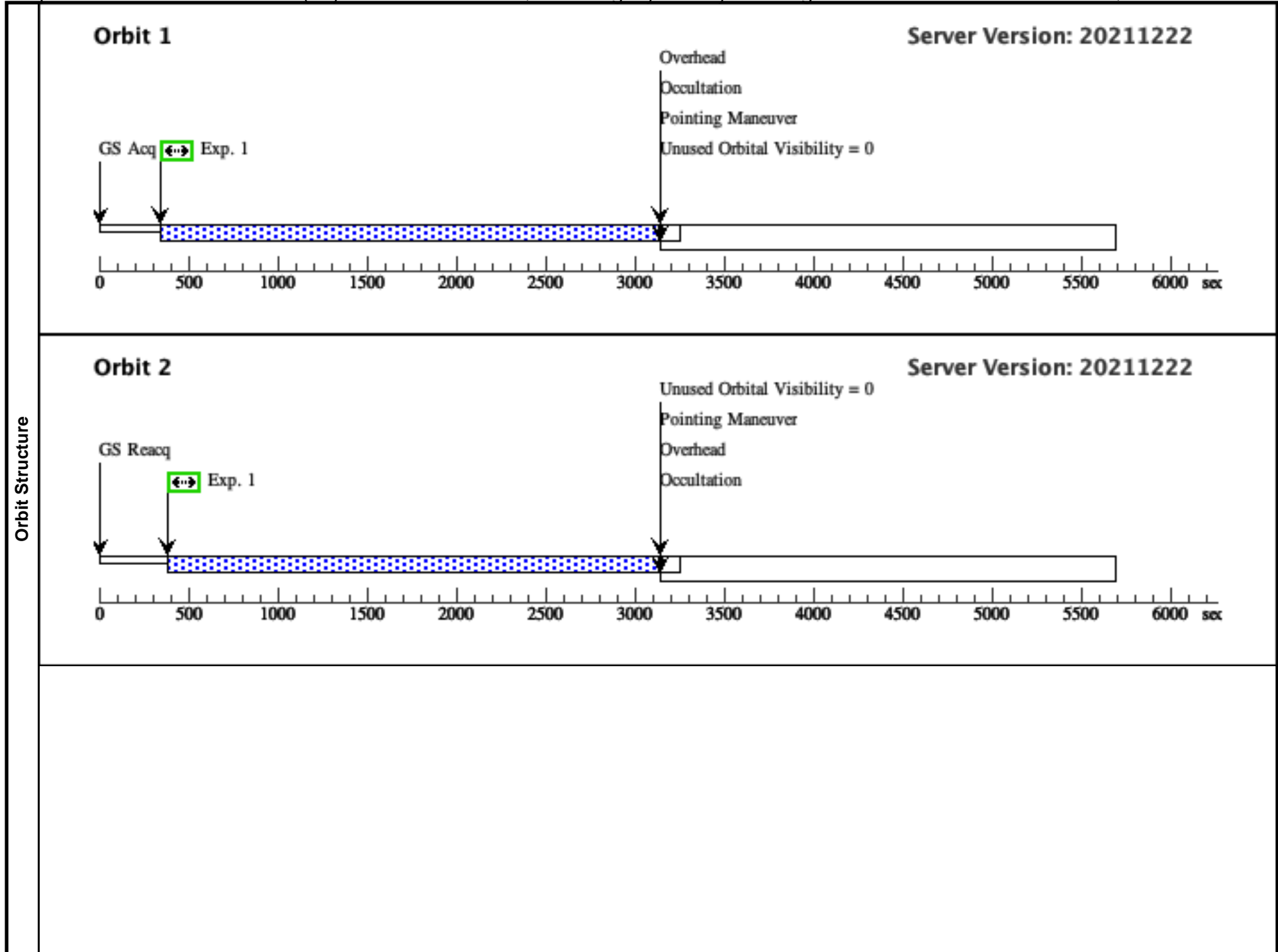


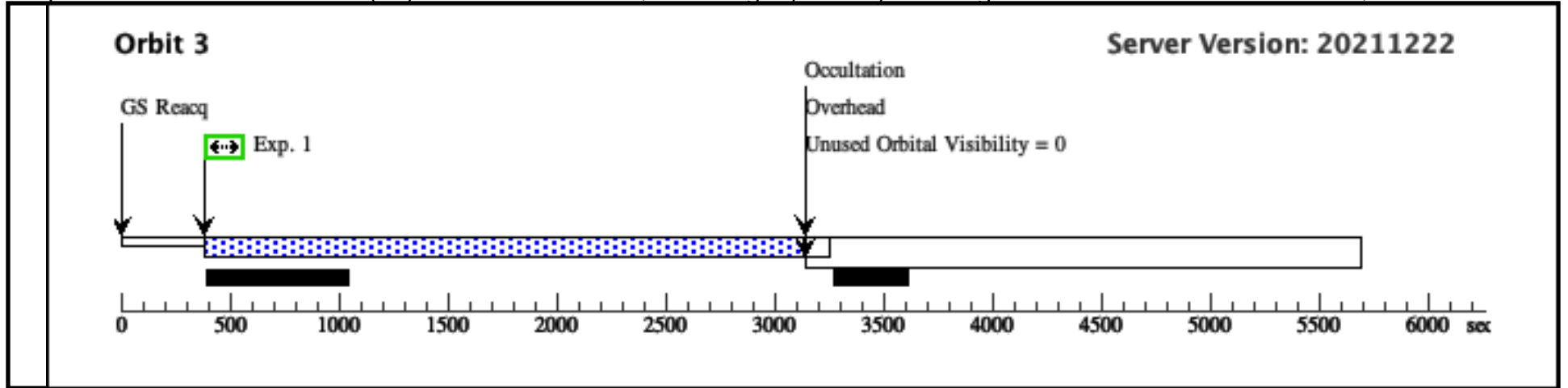


Proposal 16665 - J0430M1445 (11) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:26 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J0430M1445 (11), failed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 09									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0430M1445 (11))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>			<b>Exposures</b>				
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)				
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(3)	J0430M1445	RA: 04 30 43.6600 (67.6819167d) Dec: -14 45 41.21 (-14.76145d) Equinox: J2000		V=(?) 26, z=6.7142	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(3) J0430M1445		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG -0.8,-0.8	Pattern 1, Exps 1-1 in J0430M1445 (11) (1)	2745 Secs (8256 Secs)	
									[=>2758.0 Secs (Pattern 1)]	[1]
									[=>2749.0 Secs (Pattern 2)]	[2]
								[=>2749.0 Secs (Pattern 3)]	[3]	



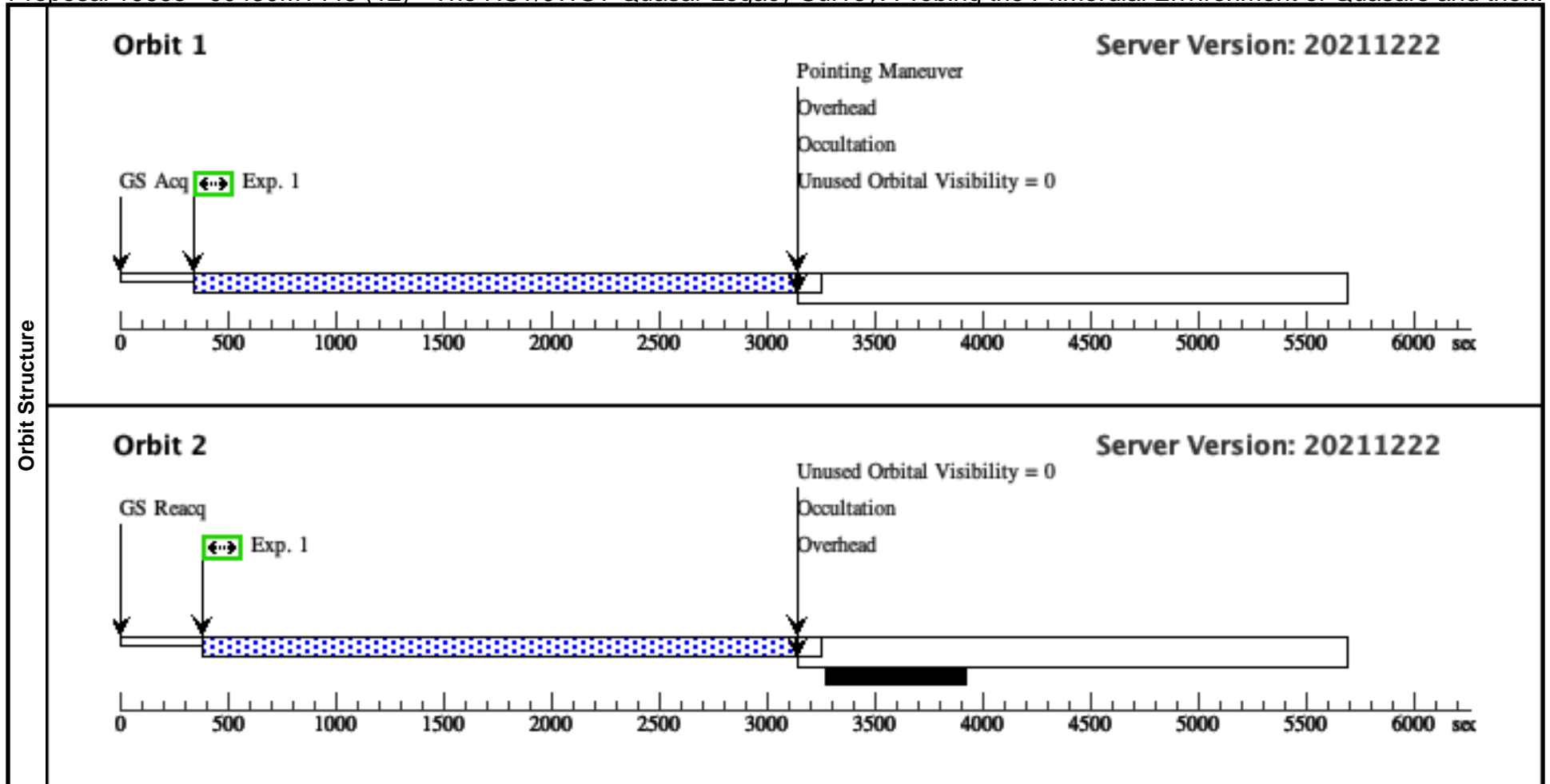


<b>Visit</b>	Proposal 16665, J0430M1445 (61), scheduling <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 11 <i>Comments: repeat first orbit of visit 11</i>									
	(Exposure 1 (J0430M1445 (61))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.									
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	J0430M1445	RA: 04 30 43.6600 (67.6819167d) Dec: -14 45 41.21 (-14.76145d) Equinox: J2000		V=(?) 26, z=6.7142	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1		(3) J0430M1445	WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG -0.8,-0.8		2745 Secs (2758 Secs) [=>2758.0 Secs ]	[1]
<b>Orbit Structure</b>	<b>Orbit 1</b>									

Proposal 16665 - J0430M1445 (12) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

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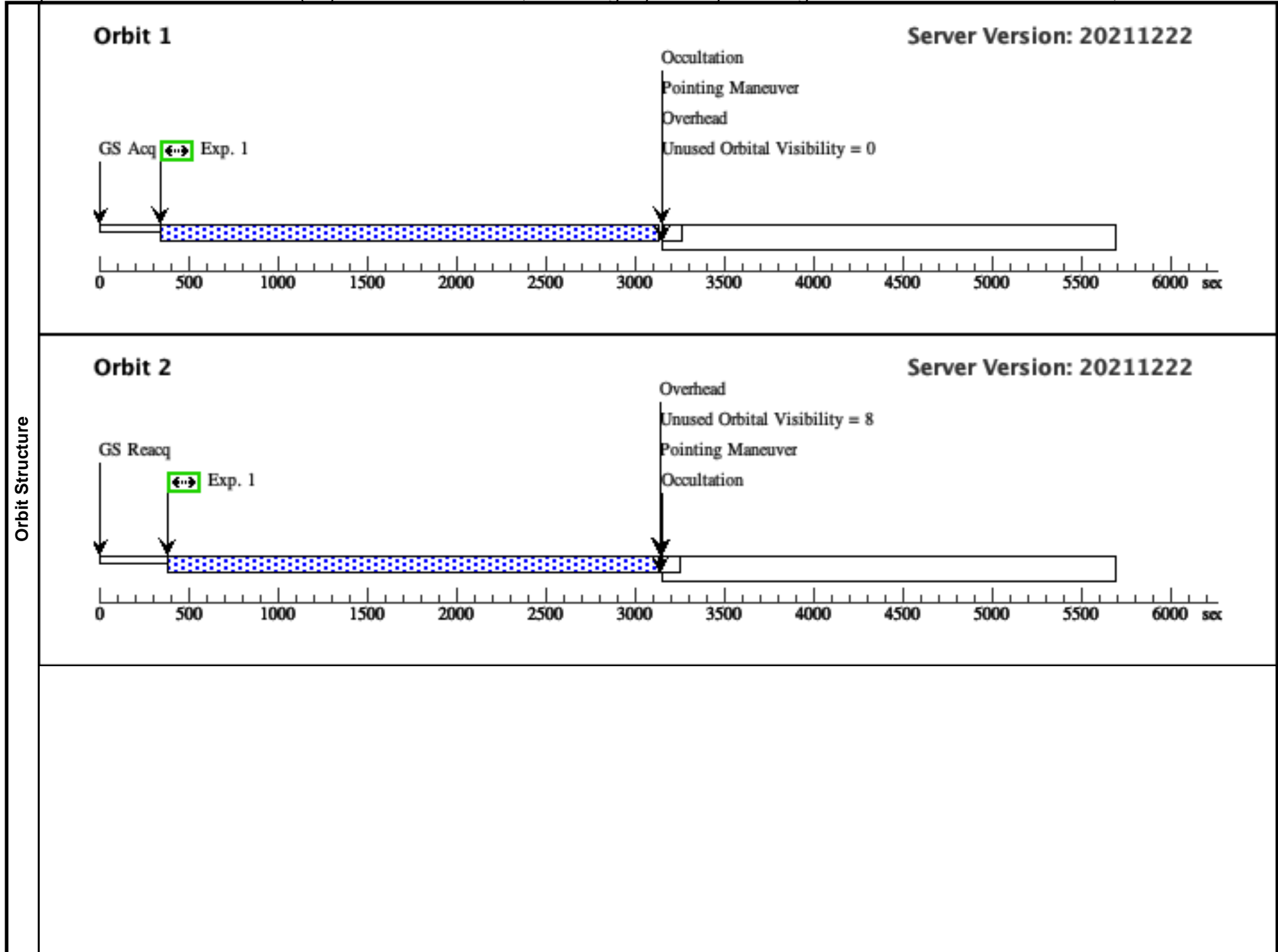
<b>Visit</b>	<b>Proposal 16665, J0430M1445 (12), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 09									
	(Exposure 1 (Pattern 2, Exps 1-1 in J0430M1445 (12))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(3)	J0430M1445	RA: 04 30 43.6600 (67.6819167d) Dec: -14 45 41.21 (-14.76145d) Equinox: J2000		V=(?) 26, z=6.7142	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(3) J0430M1445		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.4,0.4	Pattern 2, Exps 1-1 in J0430M1445 (12) (2)	2745 Secs (5507 Secs)	
									[==>2758.0 Secs (Pattern 1)]	[1]
								[==>2749.0 Secs (Pattern 2)]	[2]	

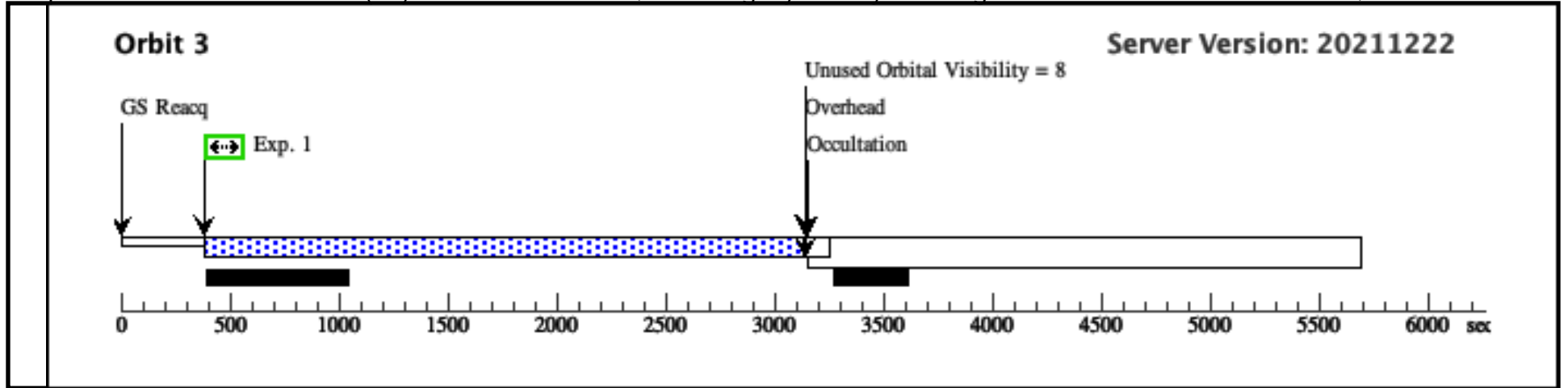


Proposal 16665 - J0910P1656 (13) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the ...

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<b>Visit</b>	<b>Proposal 16665, J0910P1656 (13), failed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0910P1656 (13))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(4)	J0910P1656	RA: 09 10 13.6510 (137.5568792d) Dec: +16 56 30.18 (16.94172d) Equinox: J2000		V=(?) 26, z=6.7289	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(4) J0910P1656		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12		Pattern 1, Exps 1-1 i n J0910P1656 (13) ( 1)	2745 Secs (8261 Secs)	
									[=>2765.0 Secs (Pattern 1)]	[1]
									[=>2748.0 Secs (Pattern 2)]	[2]
								[=>2748.0 Secs (Pattern 3)]	[3]	



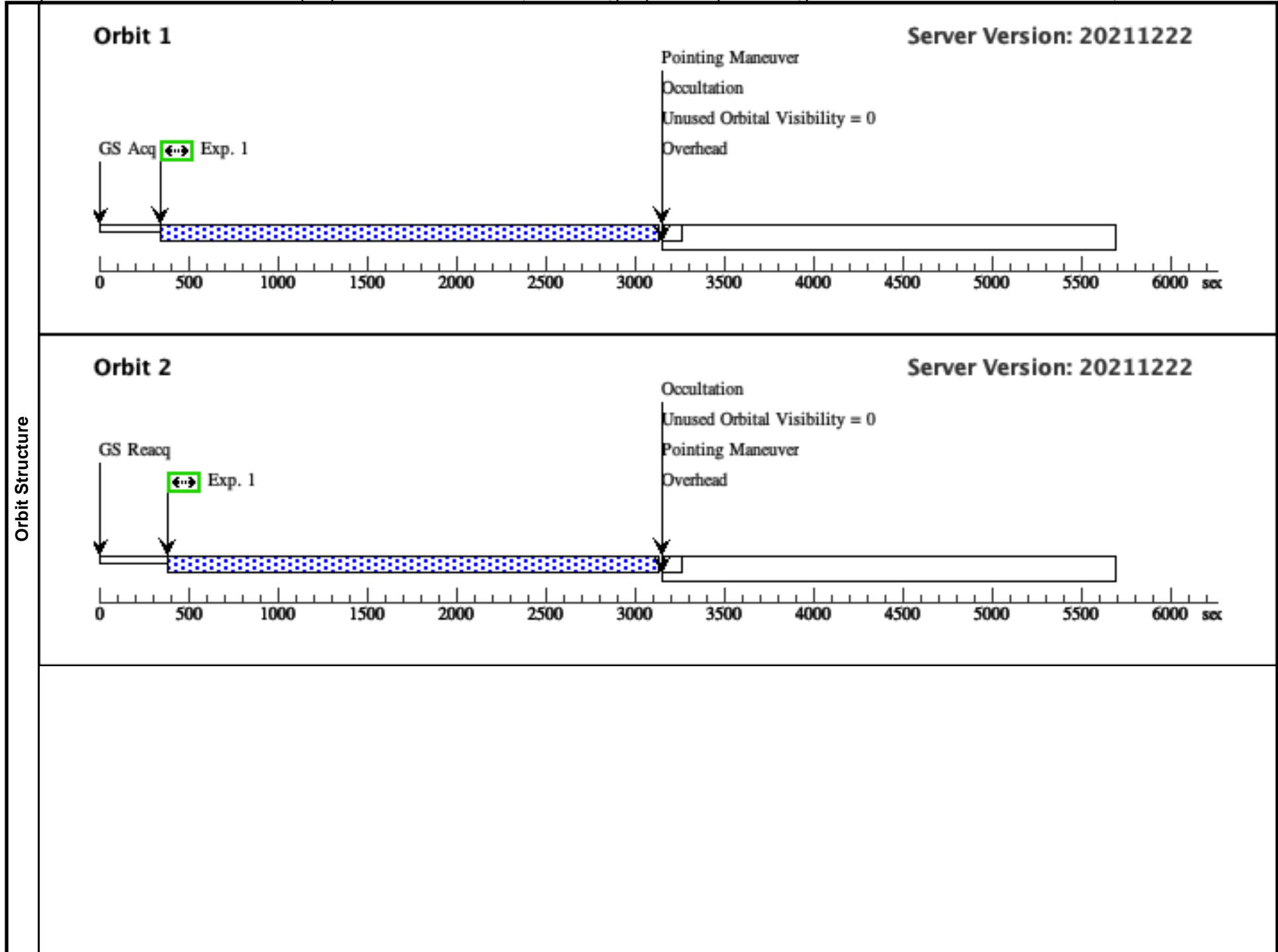


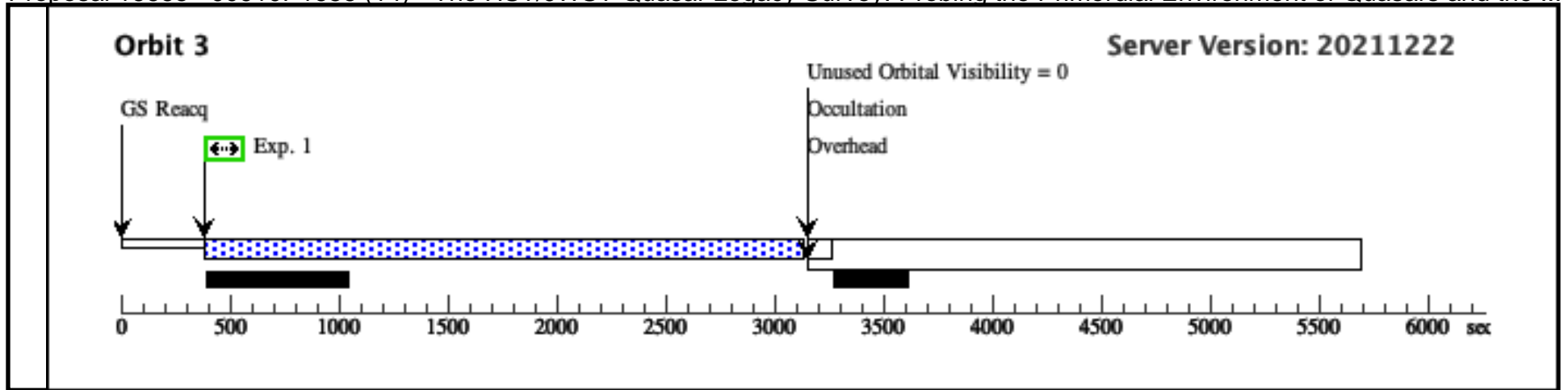
<b>Visit</b>	Proposal 16665, J0910P1656 (63), implementation Diagnostic Status: No Diagnostics Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 13 Comments: repeat first orbit of visit 13									
	<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
(4)		J0910P1656	RA: 09 10 13.6510 (137.5568792d) Dec: +16 56 30.18 (16.94172d) Equinox: J2000		V=(?) 26, z=6.7289	Reference Frame: ICRS				
<b>Exposures</b>	#	Label	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(4) J0910P1656	(4) J0910P1656	WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12			2745 Secs (2765 Secs) [==>2765.0 Secs ]	[1]
<b>Orbit Structure</b>	Orbit 1 <span style="float: right;">Server Version: 20211222</span>									
	<p>Unused Orbital Visibility = 0</p> <p>Occultation Overhead</p> <p>GS Acq → Exp. 1</p> <p>0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec</p>									

Proposal 16665 - J0910P1656 (14) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the ...

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<b>Visit</b>	<b>Proposal 16665, J0910P1656 (14), failed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 13									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0910P1656 (14))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(4)	J0910P1656	RA: 09 10 13.6510 (137.5568792d) Dec: +16 56 30.18 (16.94172d) Equinox: J2000		V=(?) 26, z=6.7289	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(4) J0910P1656		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.8,0.8	Pattern 1, Exps 1-1 in J0910P1656 (14) (1)	2745 Secs (8277 Secs)	
									[=>2765.0 Secs (Pattern 1)]	[1]
									[=>2756.0 Secs (Pattern 2)]	[2]
								[=>2756.0 Secs (Pattern 3)]	[3]	

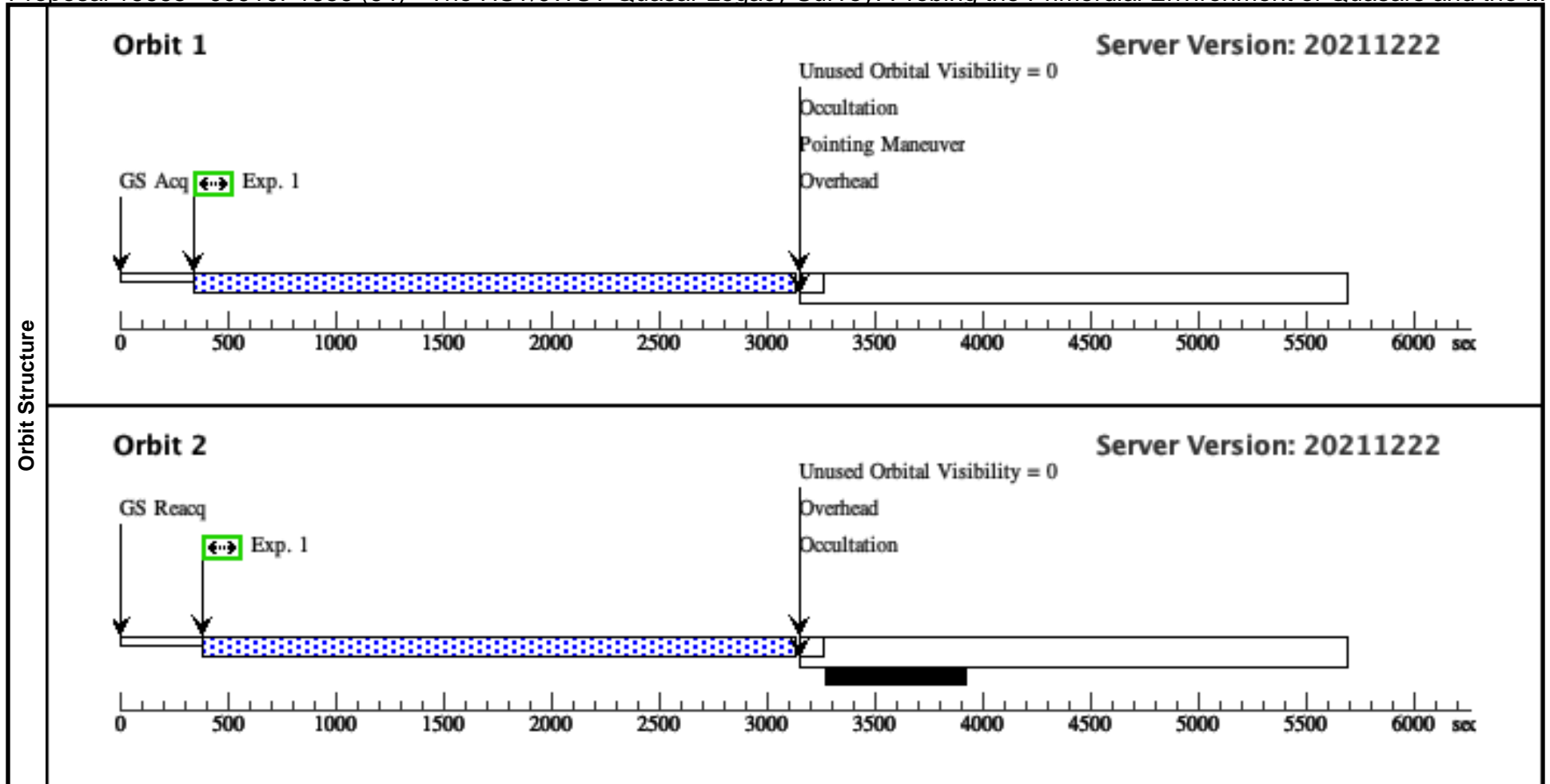




Proposal 16665 - J0910P1656 (64) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the ...

Thu Apr 07 18:00:26 GMT 2022

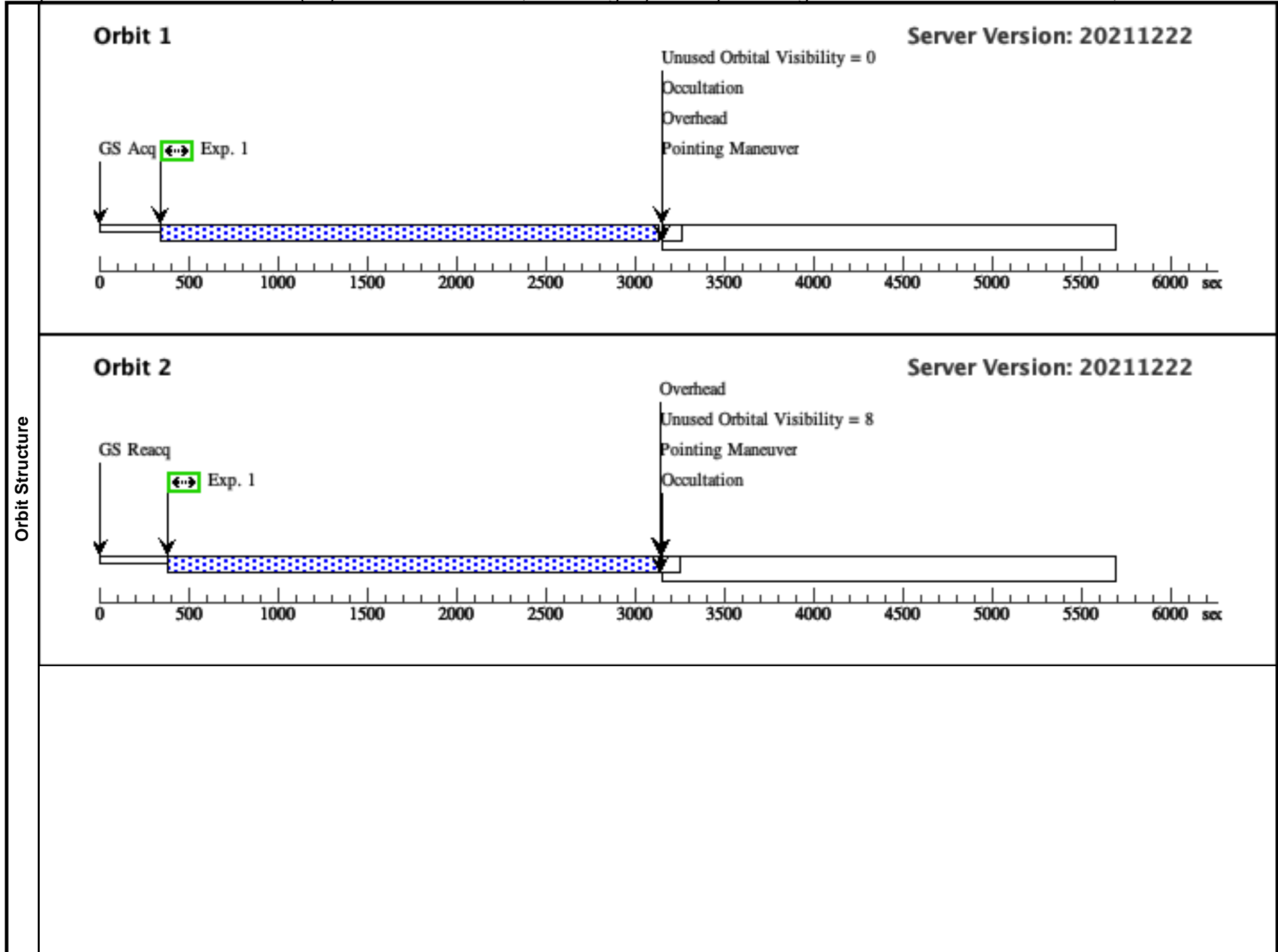
<b>Visit</b>	<b>Proposal 16665, J0910P1656 (64), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 13									
	(Exposure 1 (Pattern 2, Exps 1-1 in J0910P1656 (64))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(4)	J0910P1656	RA: 09 10 13.6510 (137.5568792d) Dec: +16 56 30.18 (16.94172d) Equinox: J2000		V=(?) 26, z=6.7289	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(4) J0910P1656		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.8,0.8	Pattern 2, Exps 1-1 in J0910P1656 (64) (2)	2745 Secs (5521 Secs)	
									[=>2765.0 Secs (Pattern 1)]	[1]
								[=>2756.0 Secs (Pattern 2)]	[2]	

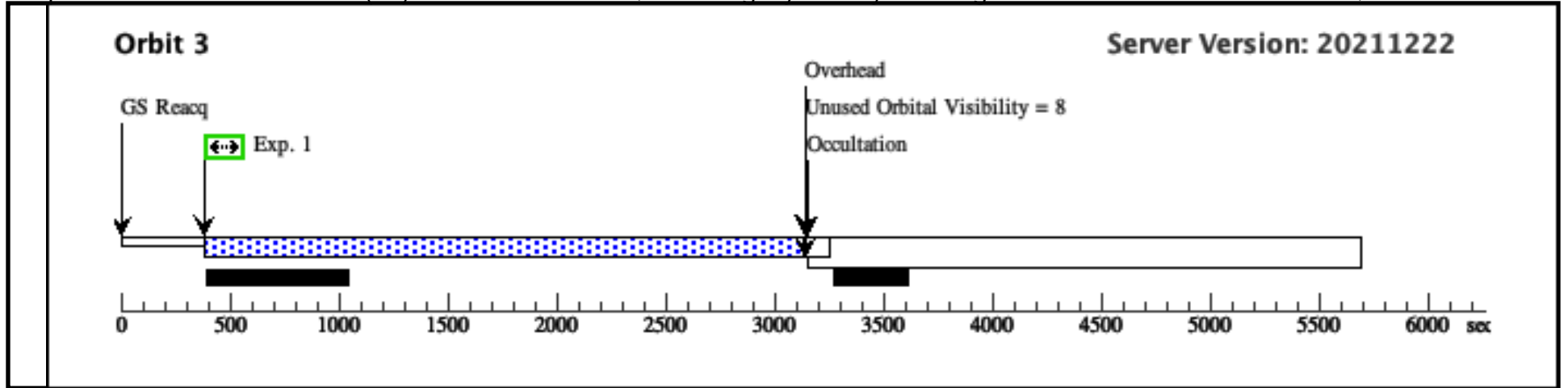


Proposal 16665 - J0910P1656 (15) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the ...

Thu Apr 07 18:00:26 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J0910P1656 (15), failed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 13									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0910P1656 (15))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=	Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)					
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(4)	J0910P1656	RA: 09 10 13.6510 (137.5568792d) Dec: +16 56 30.18 (16.94172d) Equinox: J2000		V=(?) 26, z=6.7289	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(4) J0910P1656		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG -0.8,-0.8	Pattern 1, Exps 1-1 i n J0910P1656 (15) ( 1)	2745 Secs (8261 Secs)	
									[=>2765.0 Secs (Pattern 1)]	[1]
									[=>2748.0 Secs (Pattern 2)]	[2]
								[=>2748.0 Secs (Pattern 3)]	[3]	

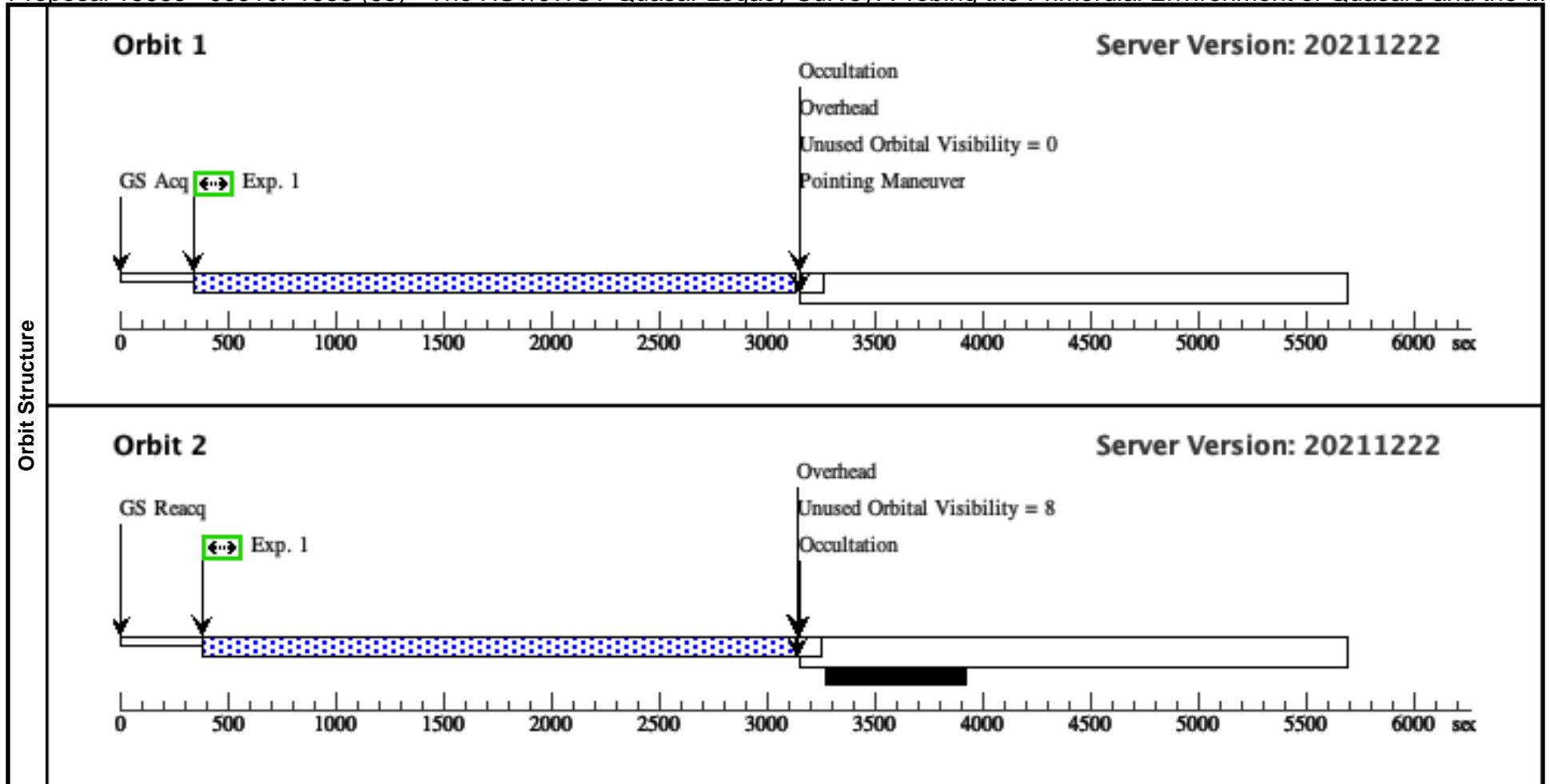




Proposal 16665 - J0910P1656 (65) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the ...

Thu Apr 07 18:00:26 GMT 2022

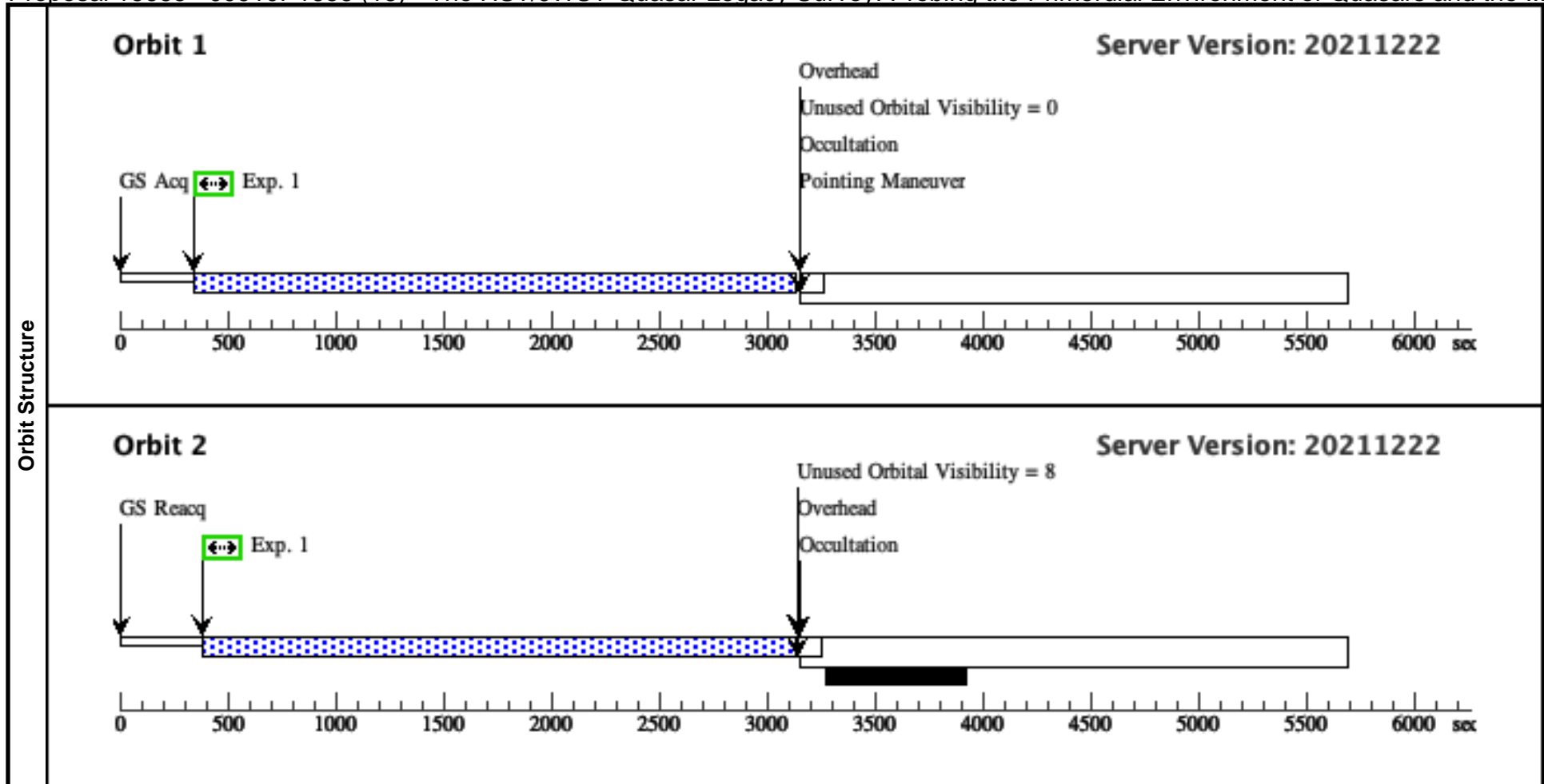
<b>Visit</b>	<b>Proposal 16665, J0910P1656 (65), implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 13									
	(Exposure 1 (Pattern 2, Exps 1-1 in J0910P1656 (65))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(4)	J0910P1656	RA: 09 10 13.6510 (137.5568792d) Dec: +16 56 30.18 (16.94172d) Equinox: J2000		V=(?) 26, z=6.7289	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(4) J0910P1656		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG -0.8,-0.8 ; GS ACQ SCENARI O BASE1B3	Pattern 2, Exps 1-1 in J0910P1656 (65) (2)	2745 Secs (5513 Secs) [==>2765.0 Secs (Pattern 1)] [==>2748.0 Secs (Pattern 2)]	[1] [2]



Proposal 16665 - J0910P1656 (16) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the ...

Thu Apr 07 18:00:26 GMT 2022

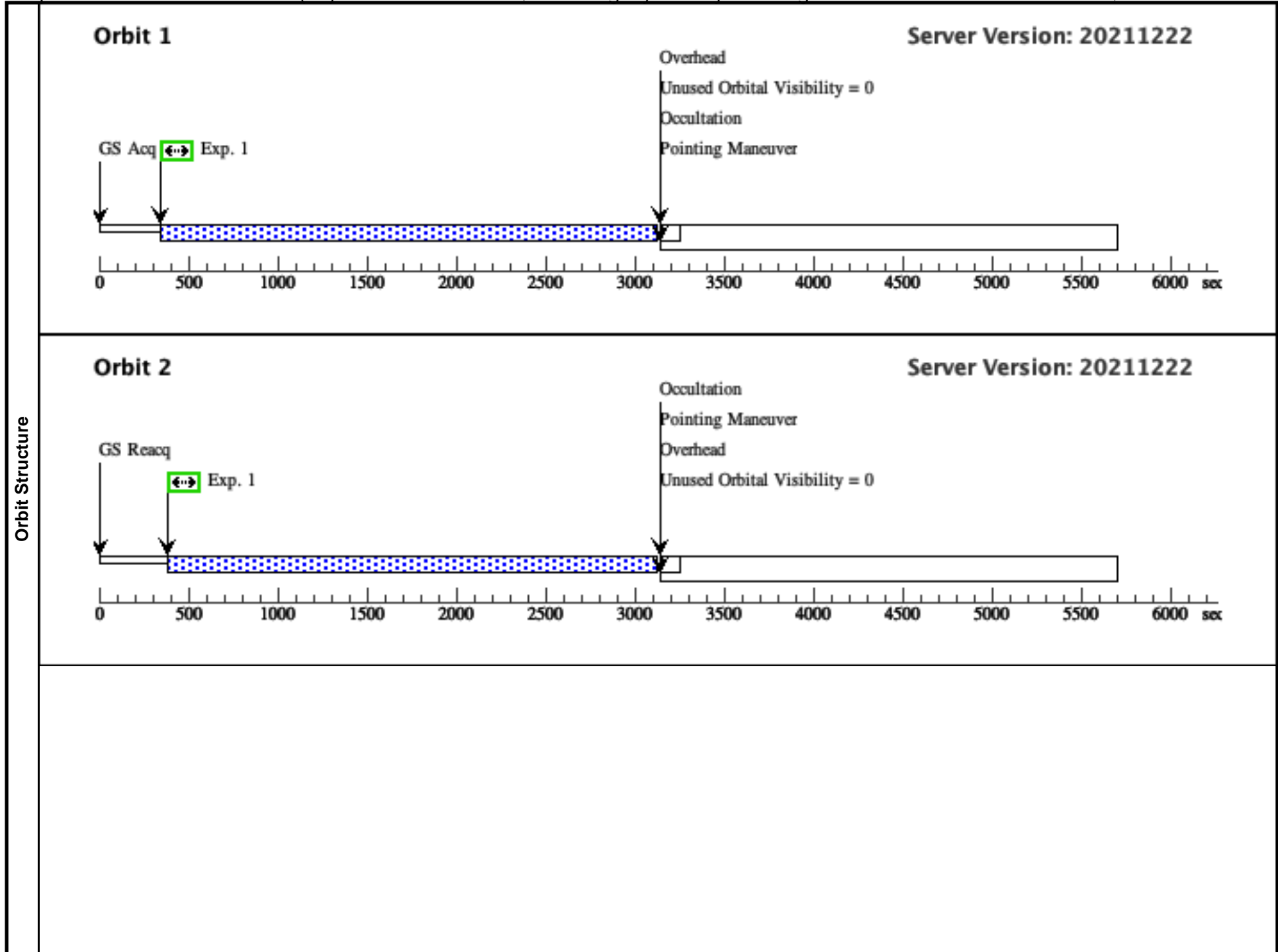
<b>Visit</b>	<b>Proposal 16665, J0910P1656 (16), completed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 13									
	(Exposure 1 (Pattern 2, Exps 1-1 in J0910P1656 (16))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(4)	J0910P1656	RA: 09 10 13.6510 (137.5568792d) Dec: +16 56 30.18 (16.94172d) Equinox: J2000		V=(?) 26, z=6.7289	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(4) J0910P1656		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.4,0.4	Pattern 2, Exps 1-1 in J0910P1656 (16) (2)	2745 Secs (5513 Secs)	
									[==>2765.0 Secs (Pattern 1)]	[1]
								[==>2748.0 Secs (Pattern 2)]	[2]	

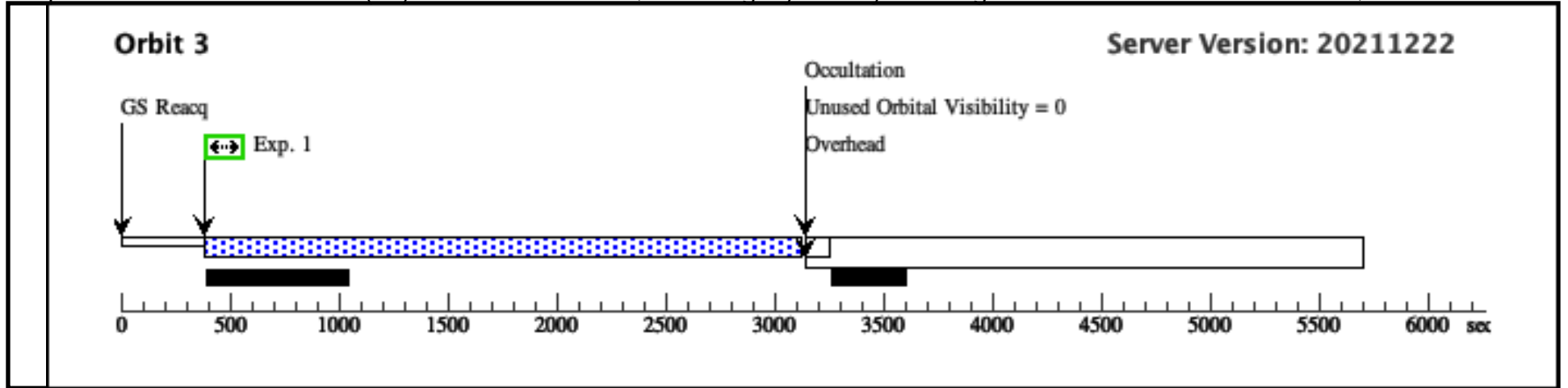


Proposal 16665 - J0923P0753 (17) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the ...

Thu Apr 07 18:00:26 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J0923P0753 (17), failed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0923P0753 (17))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>			<b>Exposures</b>				
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)				
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(5)	J0923P0753	RA: 09 23 58.9970 (140.9958208d) Dec: +07 53 49.10 (7.89697d) Equinox: J2000		V=(?) 26, z=6.6817	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(5) J0923P0753		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12		Pattern 1, Exps 1-1 in J0923P0753 (17) (1)	2745 Secs (8244 Secs)	
									[=>2754.0 Secs (Pattern 1)]	[1]
									[=>2745.0 Secs (Pattern 2)]	[2]
								[=>2745.0 Secs (Pattern 3)]	[3]	

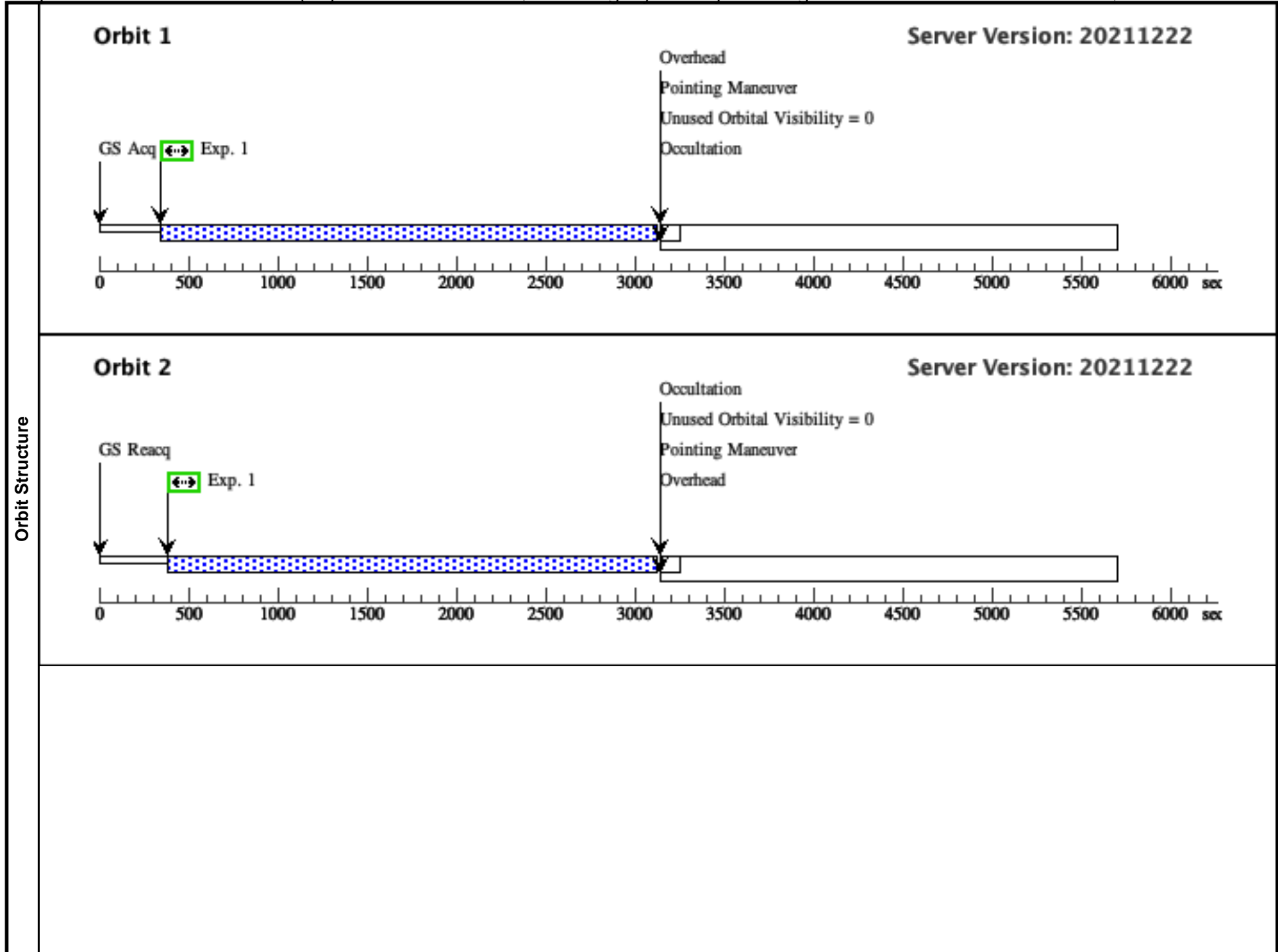


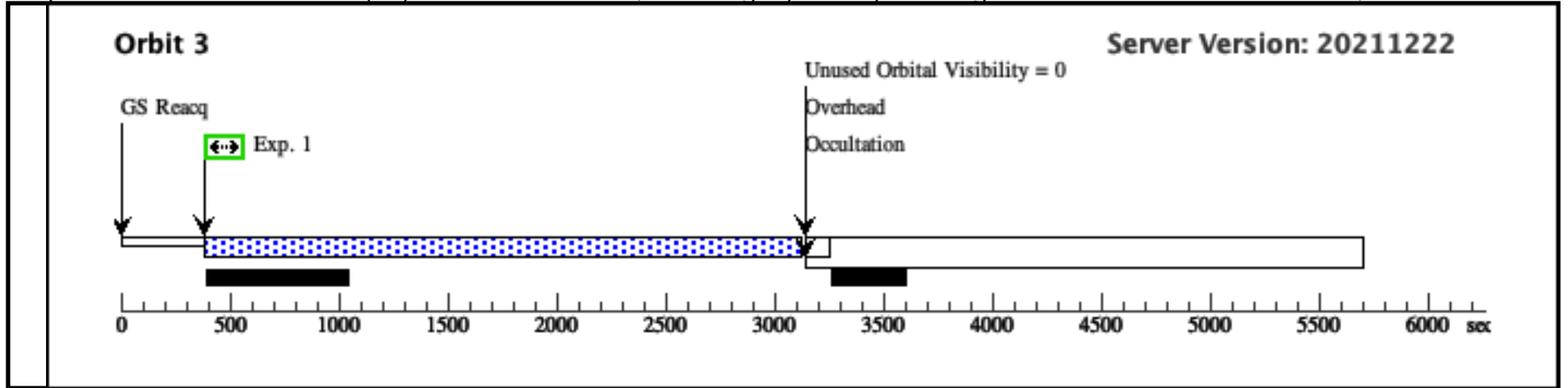


Proposal 16665 - J0923P0753 (67) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the ...

Thu Apr 07 18:00:26 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J0923P0753 (67), scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 17 <i>Comments: repeat of first orbit of visit 17 and first two orbits of visit 18</i>									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0923P0753 (67))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(5)	J0923P0753	RA: 09 23 58.9970 (140.9958208d) Dec: +07 53 49.10 (7.89697d) Equinox: J2000		V=(?) 26, z=6.6817	Reference Frame: ICRS				
<i>Comments: Category=GALAXY Description=[QUASAR]</i>										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(5) J0923P0753		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12		Pattern 1, Exps 1-1 in J0923P0753 (67) (1)	2745 Secs (8244 Secs)	
									[=>2754.0 Secs (Pattern 1)]	[1]
									[=>2745.0 Secs (Pattern 2)]	[2]
								[=>2745.0 Secs (Pattern 3)]	[3]	

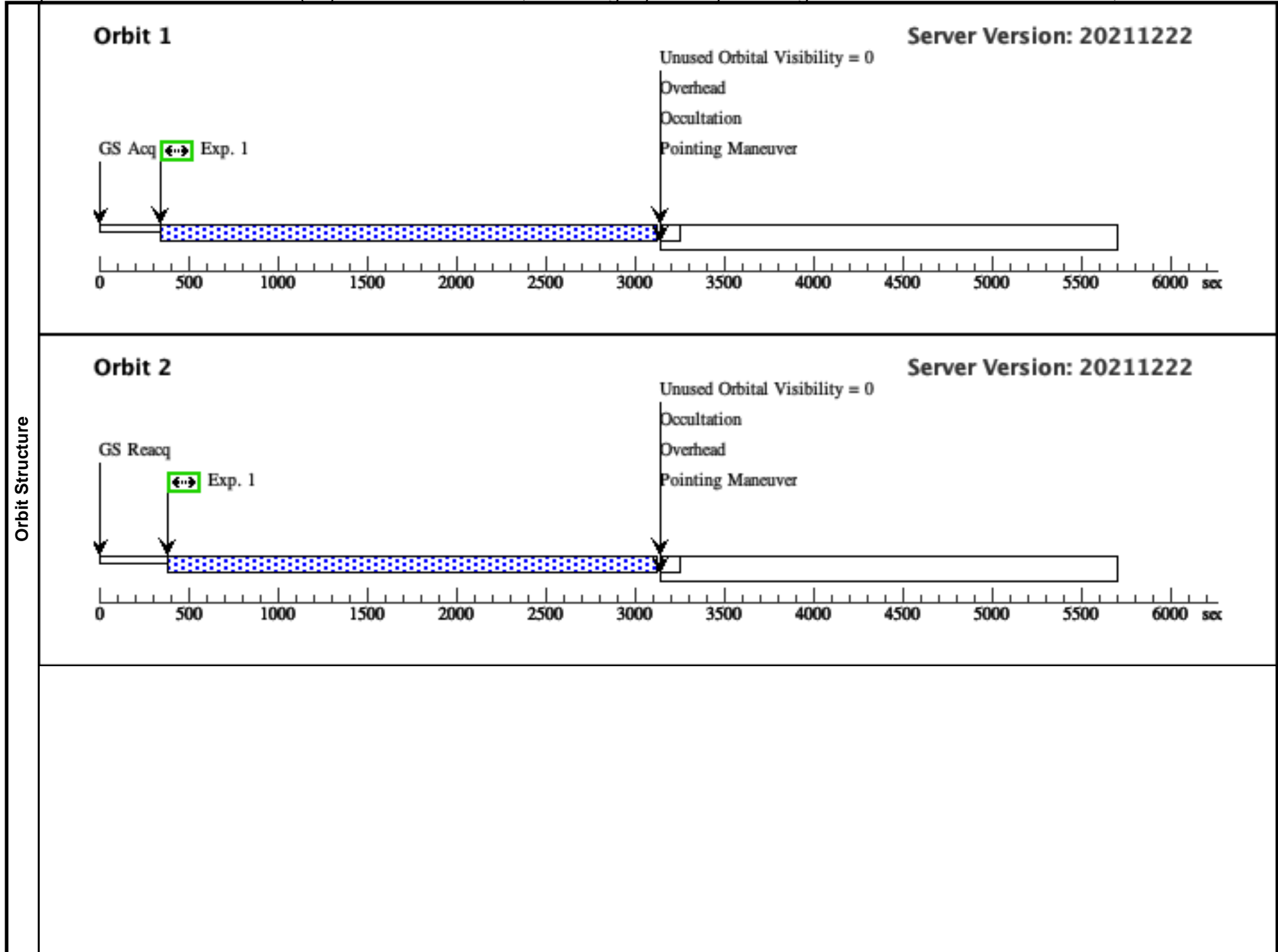


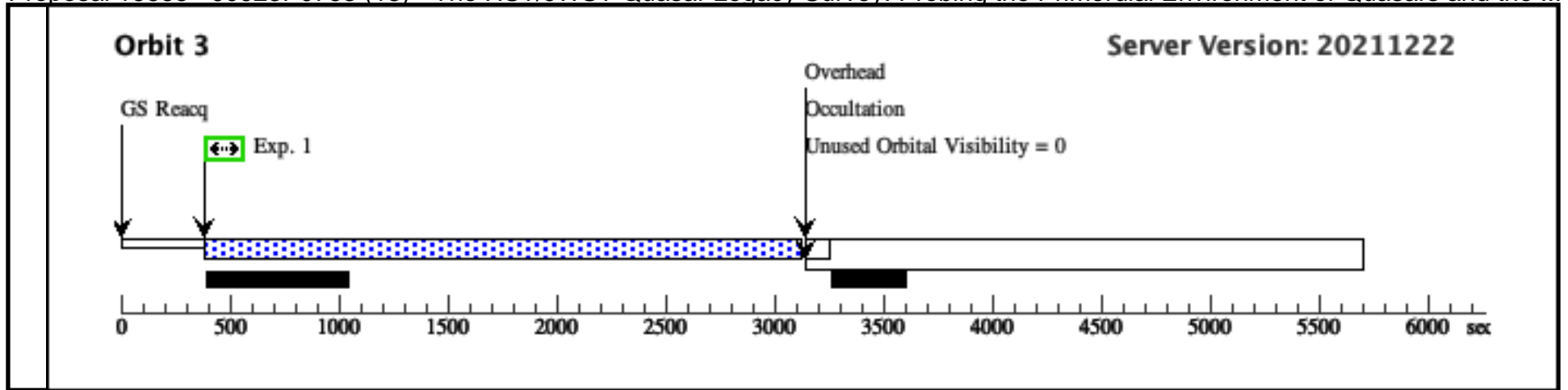


Proposal 16665 - J0923P0753 (18) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the ...

Thu Apr 07 18:00:27 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J0923P0753 (18), failed</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 17										
	(Exposure 1 (Pattern 1, Exps 1-1 in J0923P0753 (18))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.										
<b>Diagnosics</b>											
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>				<b>Exposures</b>	
	(1)	Pattern Type=WFC3-UVIS-DITHER- Coordinate Frame=POS-TARG LINE-3PT Pattern Orientation=46.84 Purpose=DITHER Angle Between Sides= Number Of Points=3 Center Pattern=false Point Spacing=0.135 Line Spacing=								(1)	
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>		<b>Fluxes</b>		<b>Miscellaneous</b>		
	(5)	J0923P0753	RA: 09 23 58.9970 (140.9958208d) Dec: +07 53 49.10 (7.89697d) Equinox: J2000				V=(?) 26, z=6.6817		Reference Frame: ICRS		
<i>Comments:</i> Category=GALAXY Description=[QUASAR]											
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>		<b>Orbit</b>
	1	(5) J0923P0753		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.8,0.8	Pattern 1, Exps 1-1 i n J0923P0753 (18) ( 1)	2745 Secs (8244 Secs)		
									[=>2754.0 Secs (Pattern 1)]		[1]
									[=>(Pattern 2)]		[2]
								[=>(Pattern 3)]		[3]	

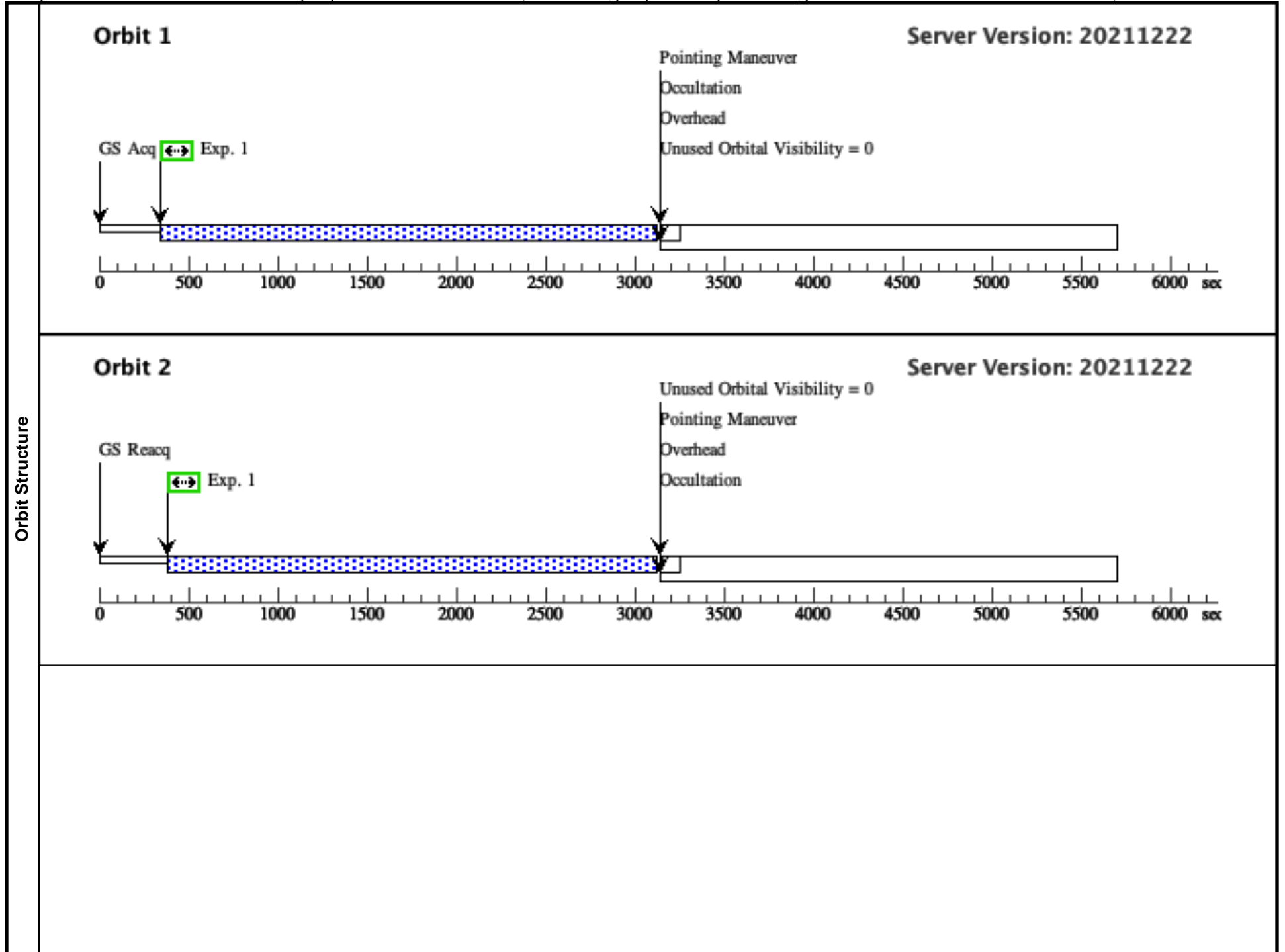


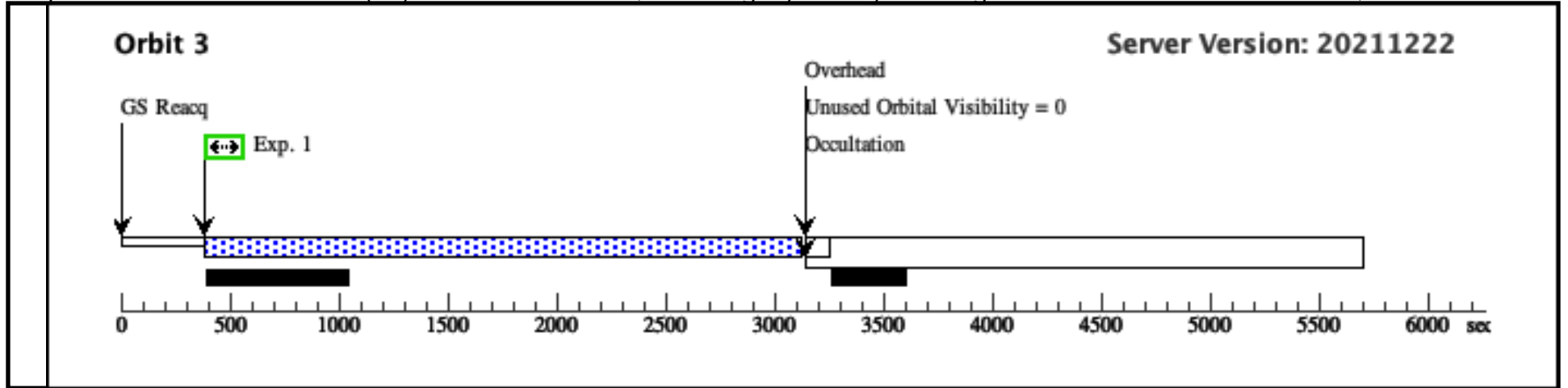


Proposal 16665 - J0923P0753 (19) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the ...

Thu Apr 07 18:00:27 GMT 2022

<b>Visit</b>	Proposal 16665, J0923P0753 (19), completed <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 17									
	(Exposure 1 (Pattern 1, Exps 1-1 in J0923P0753 (19))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>			<b>Exposures</b>				
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)				
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(5)	J0923P0753	RA: 09 23 58.9970 (140.9958208d) Dec: +07 53 49.10 (7.89697d) Equinox: J2000		V=(?) 26, z=6.6817	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(5) J0923P0753		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG -0.8,-0.8	Pattern 1, Exps 1-1 in J0923P0753 (19) (1)	2745 Secs (8244 Secs)	
									[=>2754.0 Secs (Pattern 1)]	[1]
									[=>2745.0 Secs (Pattern 2)]	[2]
								[=>2745.0 Secs (Pattern 3)]	[3]	

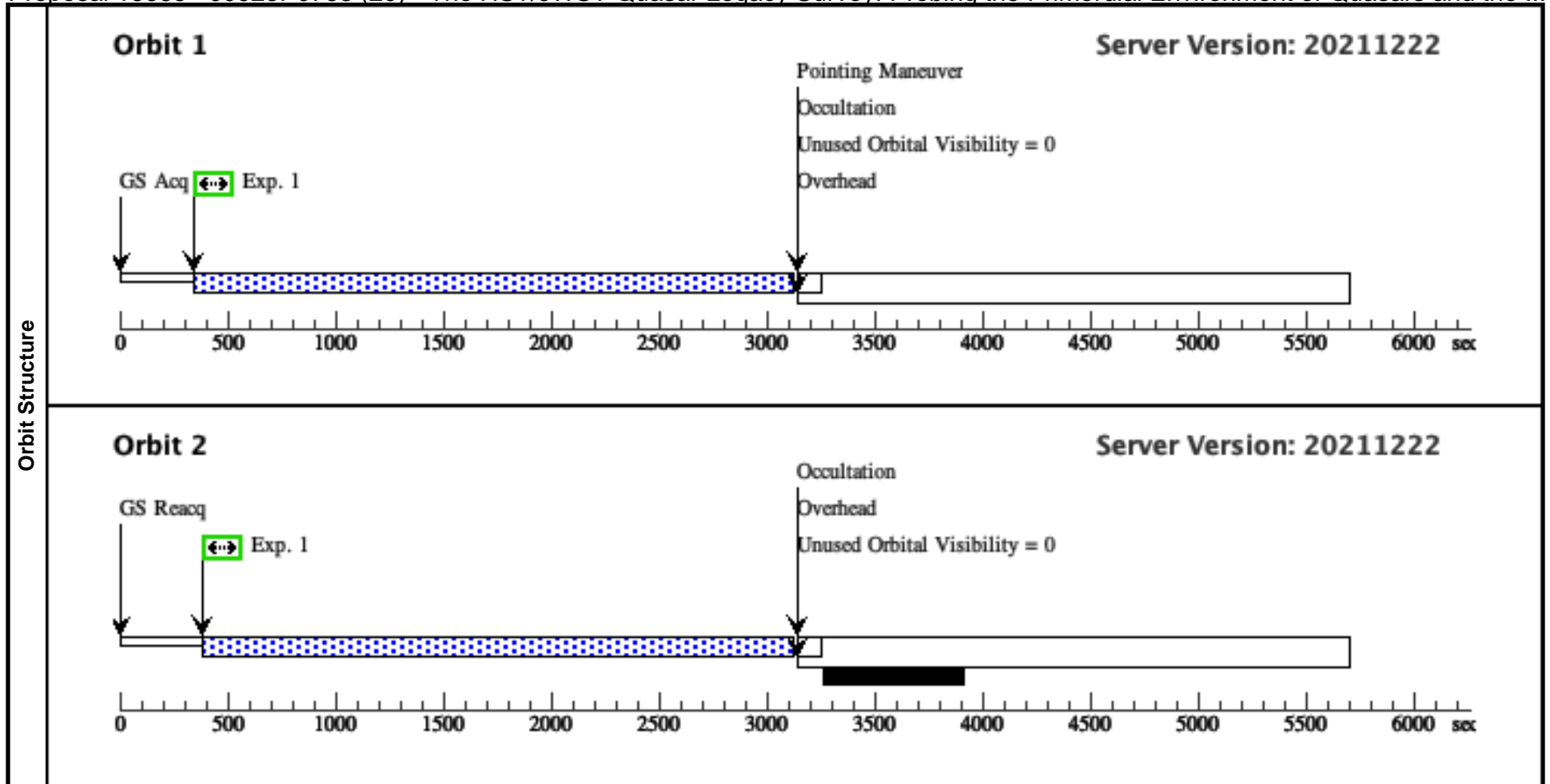




Proposal 16665 - J0923P0753 (20) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the ...

Thu Apr 07 18:00:27 GMT 2022

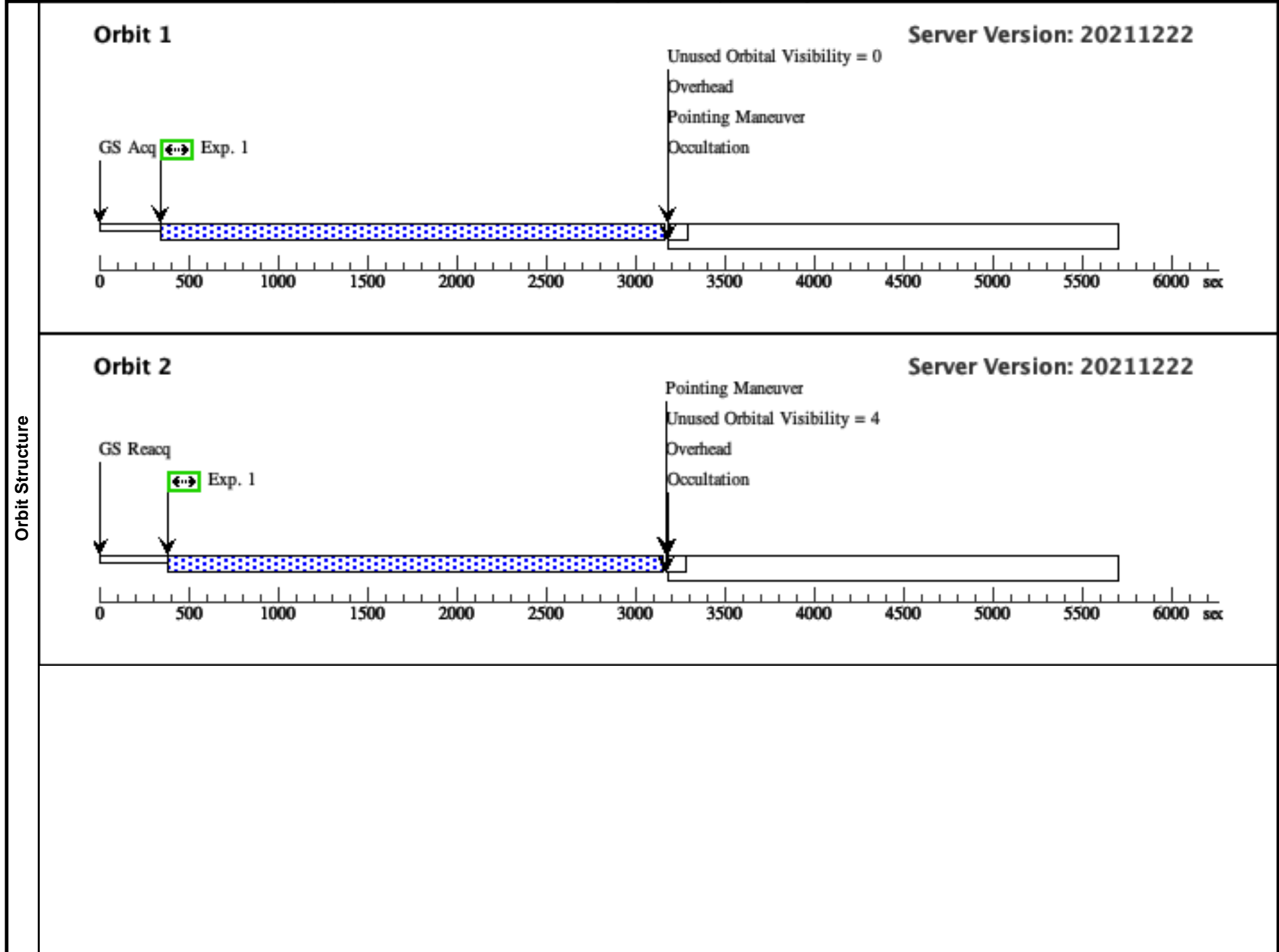
<b>Visit</b>	Proposal 16665, J0923P0753 (20), completed <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 17									
	(Exposure 1 (Pattern 2, Exps 1-1 in J0923P0753 (20))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignetted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>			<b>Exposures</b>				
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)				
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(5)	J0923P0753	RA: 09 23 58.9970 (140.9958208d) Dec: +07 53 49.10 (7.89697d) Equinox: J2000		V=(?) 26, z=6.6817	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1		(5) J0923P0753	WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.4,0.4	Pattern 2, Exps 1-1 in J0923P0753 (20) (2)	2745 Secs (5499 Secs)	
									[==>2754.0 Secs (Pattern 1)]	[1]
								[==>2745.0 Secs (Pattern 2)]	[2]	

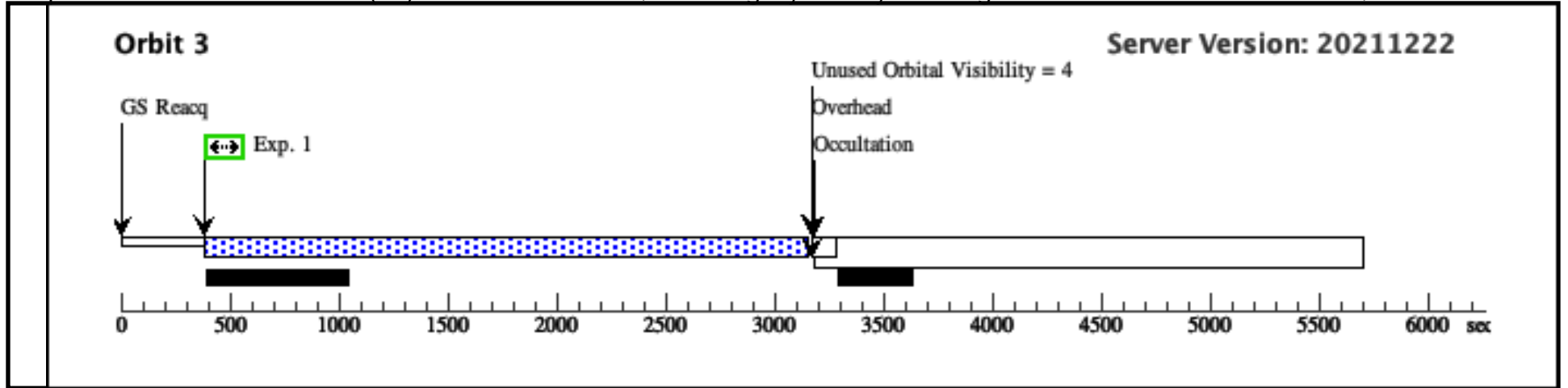


Proposal 16665 - J2002M3013 (21) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:27 GMT 2022

<b>Visit</b>	Proposal 16665, J2002M3013 (21), scheduling <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: (none)									
	(Exposure 1 (Pattern 1, Exps 1-1 in J2002M3013 (21))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(6)	J2002M3013	RA: 20 02 41.5940 (300.6733083d) Dec: -30 13 21.69 (-30.22269d) Equinox: J2000		V=(?) 26, z=6.6876	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(6) J2002M3013		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12		Pattern 1, Exps 1-1 i n J2002M3013 (21) (1)	2745 Secs (8341 Secs)	
									[==>2789.0 Secs (Pattern 1)]	[1]
									[==>2776.0 Secs (Pattern 2)]	[2]
								[==>2776.0 Secs (Pattern 3)]	[3]	

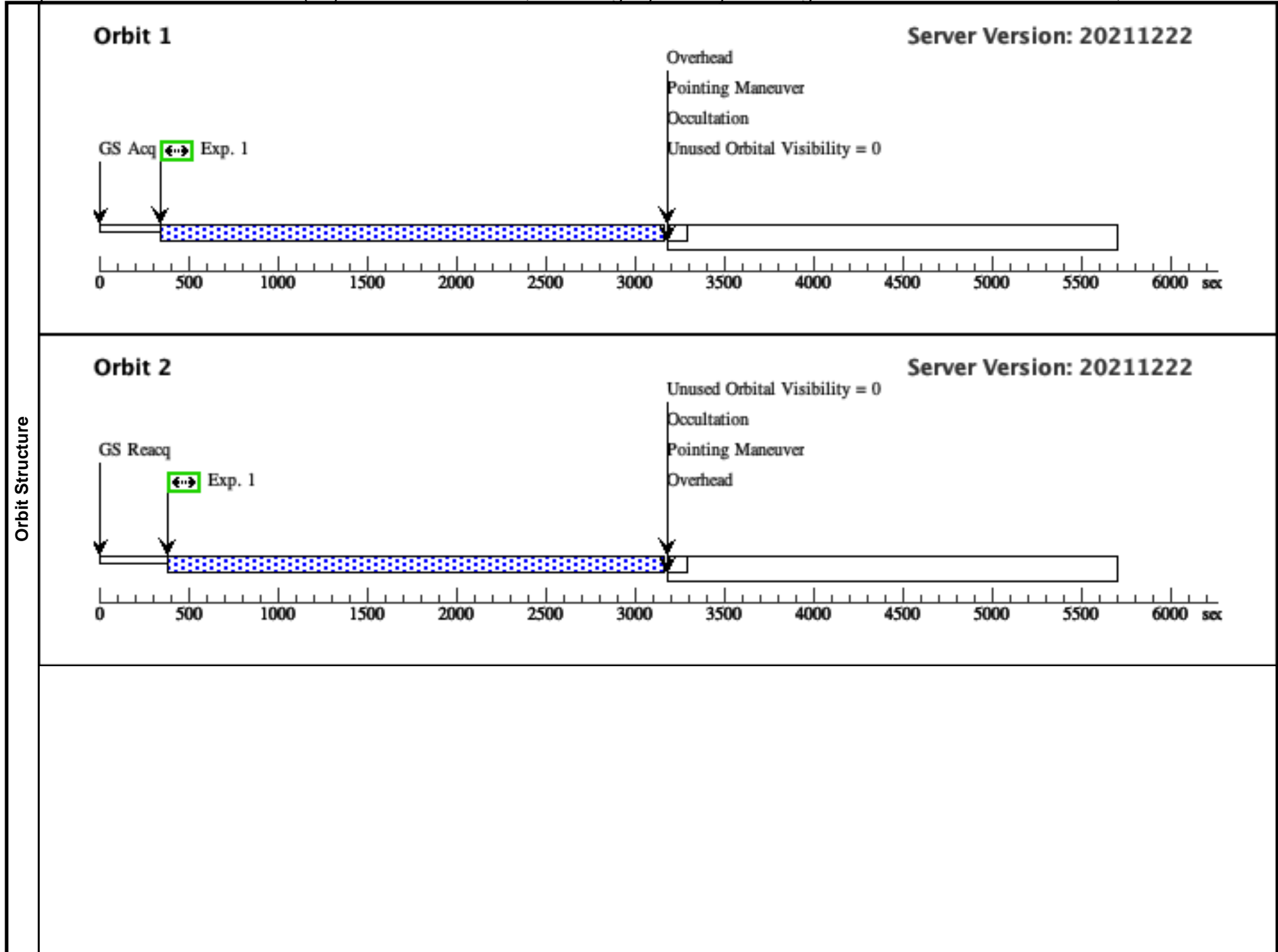


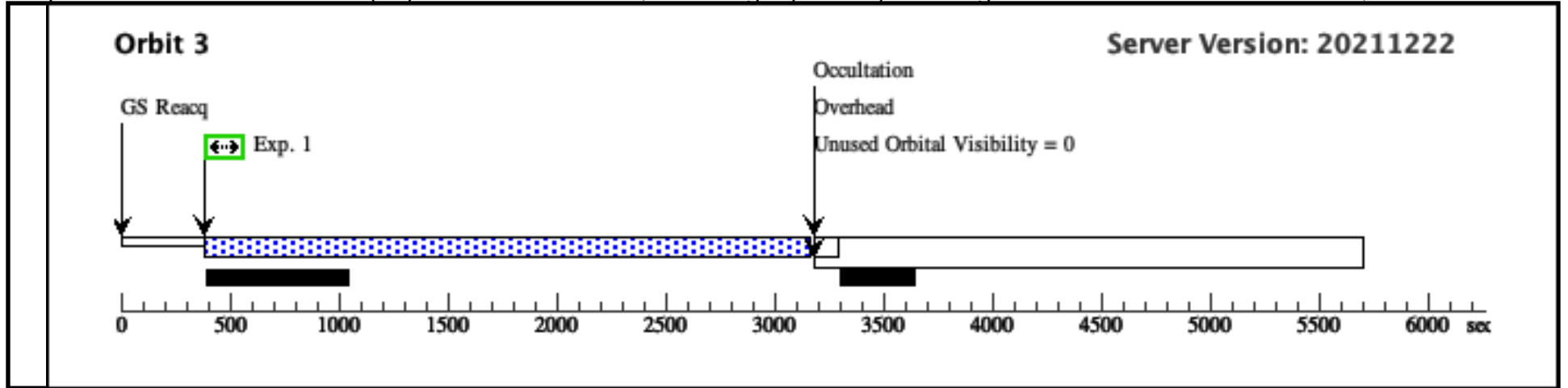


Proposal 16665 - J2002M3013 (22) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:27 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J2002M3013 (22), scheduled</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 21									
	(Exposure 1 (Pattern 1, Exps 1-1 in J2002M3013 (22))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	#	<b>Primary Pattern</b>		<b>Secondary Pattern</b>		<b>Exposures</b>				
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing=		Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)				
<b>Fixed Targets</b>	#	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(6)	J2002M3013	RA: 20 02 41.5940 (300.6733083d) Dec: -30 13 21.69 (-30.22269d) Equinox: J2000		V=(?) 26, z=6.6876	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	#	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(6) J2002M3013		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.8,0.8	Pattern 1, Exps 1-1 i n J2002M3013 (22) ( 1)	2745 Secs (8349 Secs)	
									[==>2789.0 Secs (Pattern 1)]	[1]
									[==>2780.0 Secs (Pattern 2)]	[2]
								[==>2780.0 Secs (Pattern 3)]	[3]	

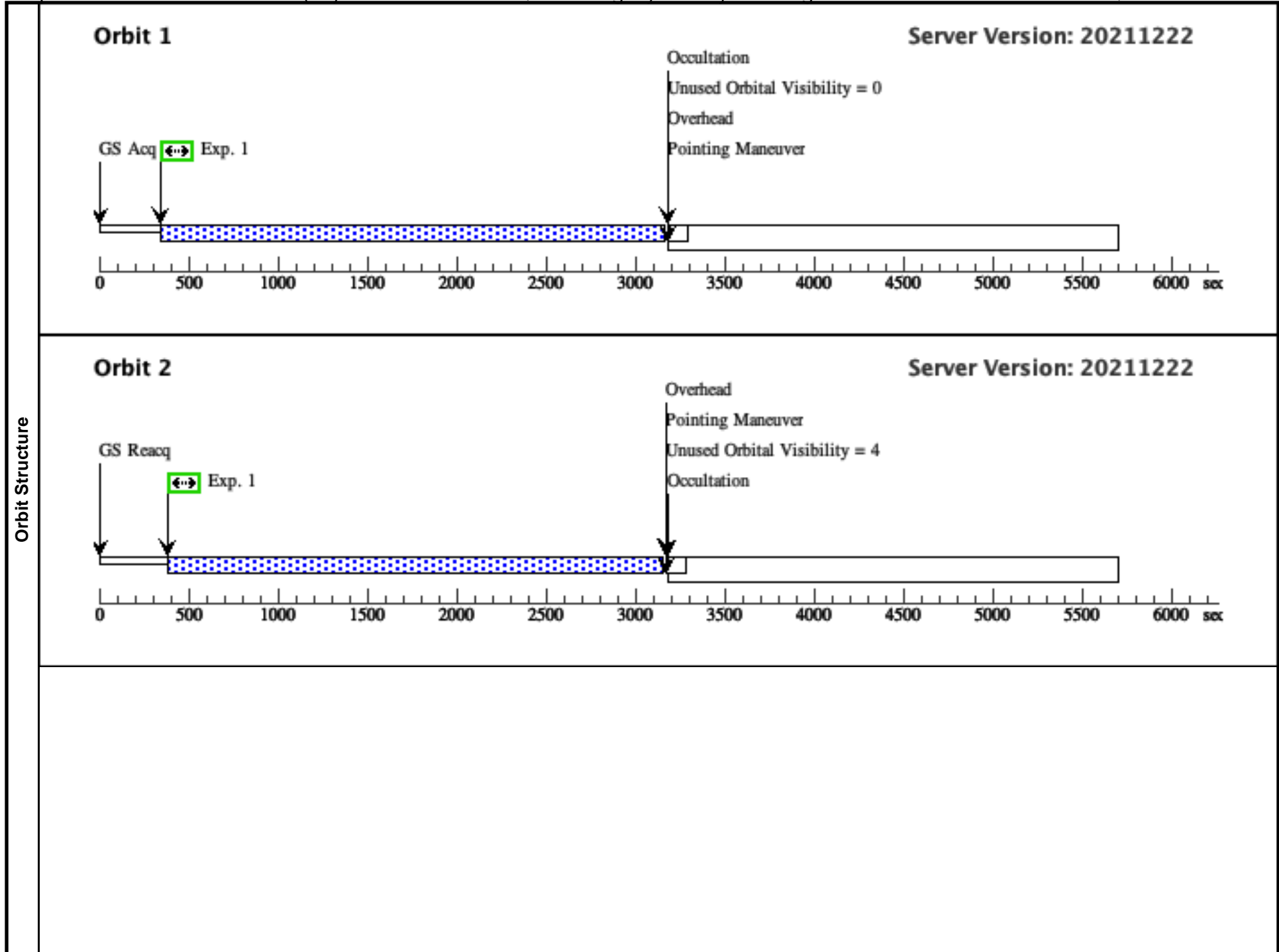


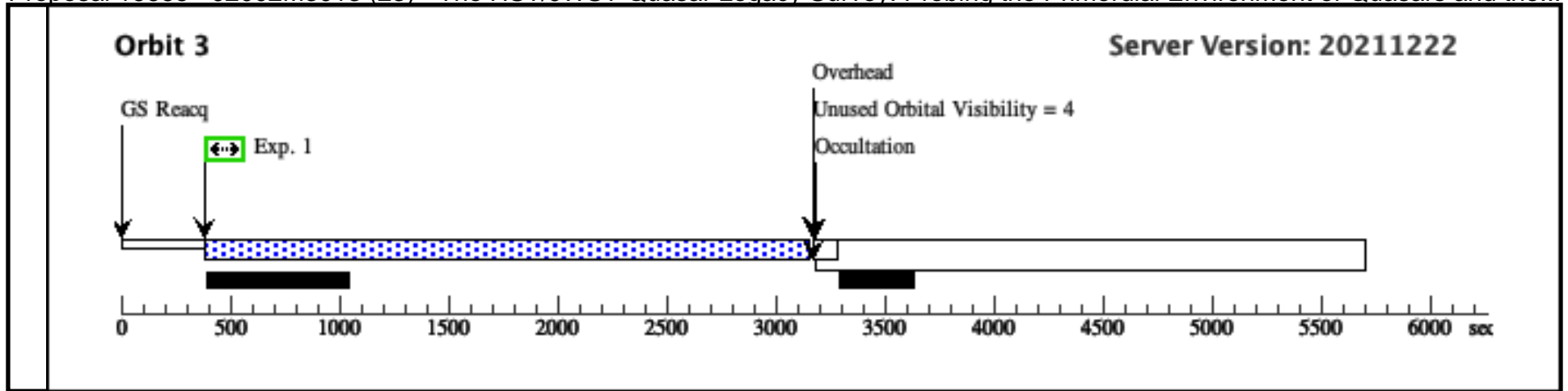


Proposal 16665 - J2002M3013 (23) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

Thu Apr 07 18:00:27 GMT 2022

<b>Visit</b>	<b>Proposal 16665, J2002M3013 (23), scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 21									
	(Exposure 1 (Pattern 1, Exps 1-1 in J2002M3013 (23))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>			<b>Exposures</b>				
	(1)	Pattern Type=WFC3-UVIS-DITHER- LINE-3PT Purpose=DITHER Number Of Points=3 Point Spacing=0.135 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false				(1)				
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(6)	J2002M3013	RA: 20 02 41.5940 (300.6733083d) Dec: -30 13 21.69 (-30.22269d) Equinox: J2000		V=(?) 26, z=6.6876	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(6) J2002M3013		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG -0.8,-0.8	Pattern 1, Exps 1-1 i n J2002M3013 (23) ( 1)	2745 Secs (8341 Secs)	
									[=>2789.0 Secs (Pattern 1)]	[1]
									[=>2776.0 Secs (Pattern 2)]	[2]
								[=>2776.0 Secs (Pattern 3)]	[3]	





Proposal 16665 - J2002M3013 (24) - The HST/JWST Quasar Legacy Survey: Probing the Primordial Environment of Quasars and the...

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<b>Visit</b>	<b>Proposal 16665, J2002M3013 (24), scheduled</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: WFC3/UVIS Special Requirements: SAME ORIENT AS 21									
	(Exposure 1 (Pattern 2, Exps 1-1 in J2002M3013 (24))) Warning (Form): POS TARG & PATTERN should be used carefully with WFC3 quad filters to avoid placing the target on the vignettted part of the field of view or moving it to another quadrant.									
<b>Diagnosics</b>										
<b>Patterns</b>	<b>#</b>	<b>Primary Pattern</b>	<b>Secondary Pattern</b>	<b>Exposures</b>						
	(2)	Pattern Type=WFC3-UVIS-DITHER- LINE Purpose=DITHER Number Of Points=2 Point Spacing=0.145 Line Spacing= Coordinate Frame=POS-TARG Pattern Orientation=46.84 Angle Between Sides= Center Pattern=false		(1)						
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(6)	J2002M3013	RA: 20 02 41.5940 (300.6733083d) Dec: -30 13 21.69 (-30.22269d) Equinox: J2000		V=(?) 26, z=6.6876	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[QUASAR]										
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time (Total)/[Actual Dur.]</b>	<b>Orbit</b>
	1	(6) J2002M3013		WFC3/UVIS, ACCUM, UVIS-QUAD-FIX	FQ937N	FLASH=12	POS TARG 0.4,0.4	Pattern 2, Exps 1-1 i n J2002M3013 (24) ( 2)	2745 Secs (5565 Secs)	
									[==>2789.0 Secs (Pattern 1)]	[1]
								[==>2776.0 Secs (Pattern 2)]	[2]	

