



# 16677 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWST Era

Cycle: 29, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

## INVESTIGATORS

<i>Name</i>	<i>Institution</i>	<i>E-Mail</i>
<b>Prof. Daniel P. Stark (PI) (Contact)</b>	<b>University of Arizona</b>	<b>dpstark@email.arizona.edu</b>
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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) SDSSJ084236.57+103313.9	COS/FUV COS/NUV	3	05-Oct-2022 15:02:09.0	yes
51	(1) SDSSJ084236.57+103313.9	COS/FUV COS/NUV	1	05-Oct-2022 15:02:09.0	yes
02	(1) SDSSJ084236.57+103313.9	COS/FUV COS/NUV	3	05-Oct-2022 15:02:10.0	yes
03	(2) SDSSJ095430.45+095212.0	COS/FUV COS/NUV	3	05-Oct-2022 15:02:11.0	yes

Proposal 16677 (STScI Edit Number: 5, Created: Wednesday, October 5, 2022 at 2:02:24 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>
04	(2) SDSSJ095430.45+095212.0	COS/FUV COS/NUV	3	05-Oct-2022 15:02:11.0	yes
52	(2) SDSSJ095430.45+095212.0	COS/FUV COS/NUV	1	05-Oct-2022 15:02:12.0	yes
05	(3) SDSSJ113116.36+570358.8	COS/FUV COS/NUV	3	05-Oct-2022 15:02:12.0	yes
06	(3) SDSSJ113116.36+570358.8	COS/FUV COS/NUV	3	05-Oct-2022 15:02:13.0	yes
07	(4) SDSSJ120122.30+021108.3	COS/FUV COS/NUV	3	05-Oct-2022 15:02:14.0	yes
08	(4) SDSSJ120122.30+021108.3	COS/FUV COS/NUV	3	05-Oct-2022 15:02:15.0	yes
09	(5) SDSSJ121402.47+534517.3	COS/FUV COS/NUV	3	05-Oct-2022 15:02:15.0	yes
10	(5) SDSSJ121402.47+534517.3	COS/FUV COS/NUV	3	05-Oct-2022 15:02:16.0	yes
11	(6) SDSSJ132347.46-013252.0	COS/FUV COS/NUV	3	05-Oct-2022 15:02:17.0	yes
12	(6) SDSSJ132347.46-013252.0	COS/FUV COS/NUV	3	05-Oct-2022 15:02:17.0	yes
13	(7) SDSSJ133126.91+415148.2	COS/FUV COS/NUV	3	05-Oct-2022 15:02:18.0	yes
53	(7) SDSSJ133126.91+415148.2	COS/FUV COS/NUV	2	05-Oct-2022 15:02:19.0	yes
14	(7) SDSSJ133126.91+415148.2	COS/FUV COS/NUV	3	05-Oct-2022 15:02:19.0	yes
54	(7) SDSSJ133126.91+415148.2	COS/FUV COS/NUV	2	05-Oct-2022 15:02:20.0	yes

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15	(8) SDSSJ171236.63+321633.4	COS/FUV COS/NUV	3	05-Oct-2022 15:02:21.0	yes
16	(8) SDSSJ171236.63+321633.4	COS/FUV COS/NUV	3	05-Oct-2022 15:02:22.0	yes
17	(9) SDSSJ223831.11+140029.8	COS/FUV COS/NUV	3	05-Oct-2022 15:02:22.0	yes
18	(9) SDSSJ223831.11+140029.8	COS/FUV COS/NUV	3	05-Oct-2022 15:02:23.0	yes
55	(9) SDSSJ223831.11+140029.8	COS/FUV COS/NUV	2	05-Oct-2022 15:02:24.0	yes

62 Total Orbits Used

## **ABSTRACT**

The first glimpse of the spectral properties of  $z \sim 7-10$  galaxies has emerged in the last several years. Deep UV spectra have revealed intense emission from nebular CIII] and CIV, implying a hard radiation field that is rarely seen at lower redshifts. Unfortunately, we are currently completely unprepared to interpret these features, owing largely to shortcomings in our understanding of the low metallicity stellar populations thought to power this line emission. Fortunately, HST/COS has uncovered a sample of nearby metal poor galaxies with UV nebular line spectra approaching those seen at  $z > 6$ . The discovery of these galaxies opens the door for a comprehensive investigation of the low metallicity stellar populations that likely dominate at  $z > 6$ . Here we propose to obtain ultra-deep (6 orbit) COS/G160M spectra capable of measuring stellar photospheric and wind absorption features in a sample of 9 metal poor galaxies with intense CIV and CIII] emission. The data will provide quantitative constraints on the metallicity of the massive stars required to power the hard radiation fields, establishing the best empirical baseline for interpreting reionization-era spectra. The proposed sample size is chosen to reveal how the ionizing spectrum varies with stellar metallicity and age in the parameter range expected at  $z > 6$ . For each galaxy, we will simultaneously fit the stellar absorption features and nebular lines, providing a powerful stress test of low-metallicity models for massive stars. If this UV spectral database is not obtained while COS is still functioning, the interpretation of reionization era galaxy spectra will be severely jeopardized throughout the JWST era.

## **OBSERVING DESCRIPTION**

This program will deliver deep 6-orbit spectroscopy with G160M probing the stellar continuum and nebular emission of 9 unique targets distinguished by the presence of nebular high-ionization C IV emission identified in low-resolution single-orbit spectroscopy with COS/G140L. The target galaxies all have high-quality SDSS imaging and spectroscopic observations which we leverage in planning the observations, alongside the already conducted COS/G140L observations.

**Coordinates and acquisition:** High-precision coordinates are extracted from the SDSS photometric catalog centroid, confirmed to agree precisely with the peak of u-band emission. These images have already been aligned with UCAC/ICRF, and the coordinates are accurate to  $<0.1''$ . To acquire each target we thus conduct a simple ACQ/IMAGE sequence, following best practices established from a number of GO programs targeting similar objects including these targets. The targets do not meet the COS definition of 'extended' of  $\text{FWHM} > 0.6''$ , but they deviate from point sources at HST resolution. We fit 2d Gaussians to the previously-acquired high-SNR TACQ images for these targets, and determine a median FWHM of  $0.2''$  for the peak of NUV light (all  $< 0.5''$ ). Exposure times are then calculated conservatively to provide S/N of 40 for an extended source with peak surface brightness determined from the ratio of the COS/G140L flux at 2000Å (extrapolated to the acquisition bandpass assuming a flat continuum in fnu) to the area of a  $0.2''$  radius circle. The resulting exposure times are commensurate with acquisition times for previous programs targeting similar galaxies.

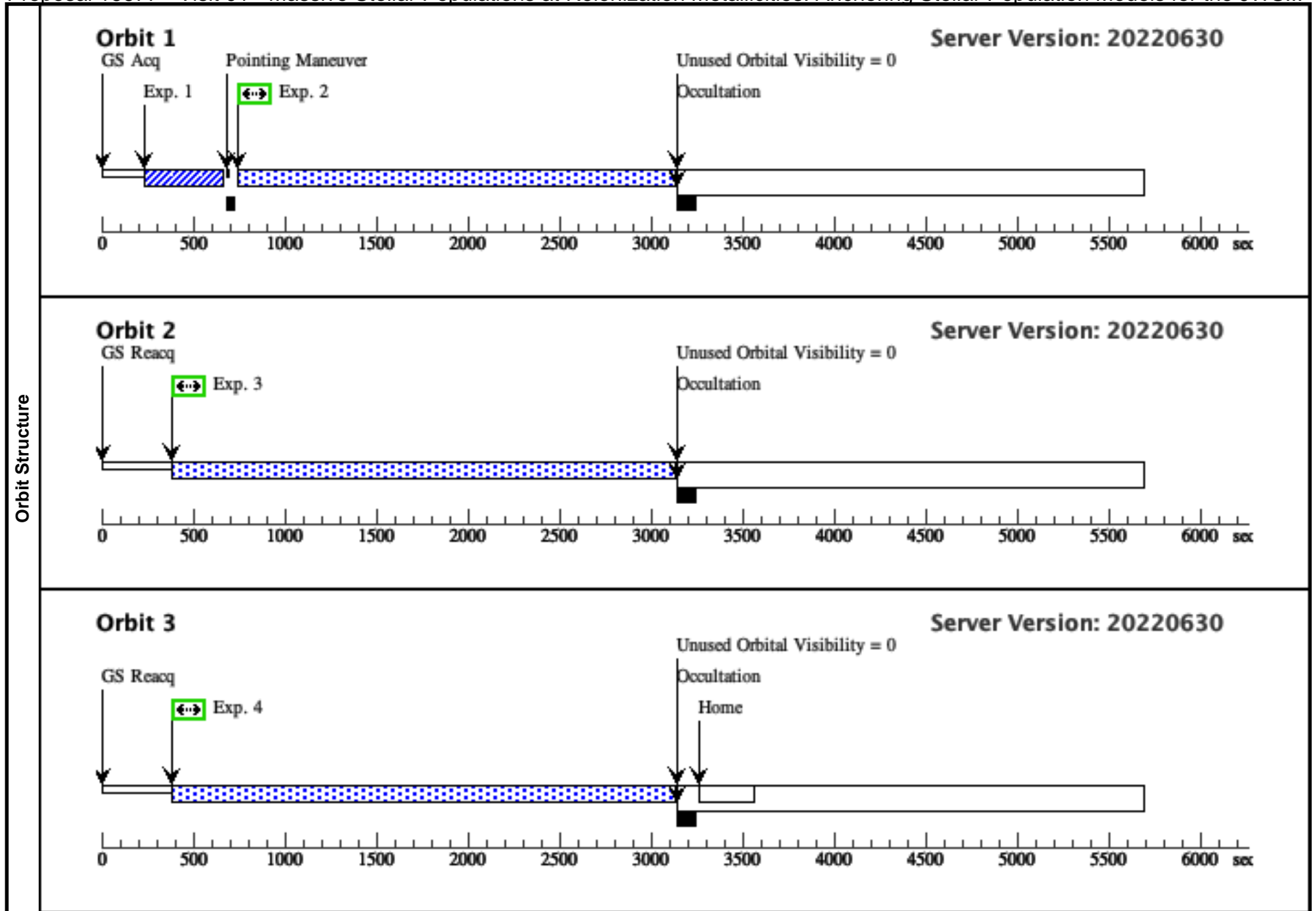
**Observing plan:** In accordance with STScI recommendations to maximize the scheduling of observations in Cycle 29, we split each 6-orbit allocation into two visits of 3 orbits each per object. After acquisition, each orbit is filled with a single spectroscopic exposure at fixed FP-POS, with full buffer dumps and grating shifts occurring during occultation. All four FP-POS positions are cycled through over the course of the two visits for each object to minimize the impact of fixed-pattern noise on the final stacked spectra. The full set of exposures for each object are calculated to deliver  $\text{S/N} > 5$  in the continuum at 1500 Å for each object, sufficient to achieve our target constraints on the stellar continuum.

**Safety:** All of the target objects have previously been observed successfully with Mirror A ACQ/IMAGE exposures and with G140L spectroscopy. None of the imaging exposures present any warnings from the imaging ETC even under the incorrect assumption of a point source. The BOT reports no safety issues according to GALEX analysis. One target (J171236) lacks GALEX coverage; the GSC2 reports a Health/Safety concern for the acquisition exposure for this galaxy, but the target 'star' of concern is actually the target galaxy which is unresolved by DSS imaging but clearly resolved and not a Health/Safety threat at SDSS/HST and resolution and NUV wavelengths. We conclude that our observations present no danger to the COS detectors.

<b>Visit</b>	<p><b>Proposal 16677, Visit 01, failed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>						
	<b>Diagnostics</b>	<p>(Exposure 2 (Visit 01)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 01)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 01)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 01)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 01)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 01)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 01)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 01)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 01)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 01)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 01)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 01)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 01)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 01)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 01)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 01)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 01)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 01)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 01)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 01)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 01)) Error (Form): YES is not a valid selection</p> <p>(Visit 01) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>					
<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)	SDSSJ084236.57+103313.9 Alt Name1: J084236	RA: 08 42 36.5700 (130.6523750d) Dec: +10 33 13.94 (10.55387d) Equinox: J2000		V=17.4	Reference Frame: ICRS
<p><i>Comments:</i>  <i>Category=GALAXY</i>  <i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i>  <i>Extended=NO</i></p>							

Proposal 16677 - Visit 01 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5665)	(1) SDSSJ084236.57 +103313.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					109 Secs (109 Secs)	
										[==>]	[1]
	2	(COS.sp.152 5668)	(1) SDSSJ084236.57 +103313.9	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=1; BUFFER-TIME=21 73				2000 Secs (2173 Secs)	
										[==>2173.0 Secs ]	[1]
3	(COS.sp.152 5668)	(1) SDSSJ084236.57 +103313.9	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=26 93				2000 Secs (2693 Secs)		
									[==>2693.0 Secs ]	[2]	
4	(COS.sp.152 5668)	(1) SDSSJ084236.57 +103313.9	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=26 93				2000 Secs (2693 Secs)		
									[==>2693.0 Secs ]	[3]	



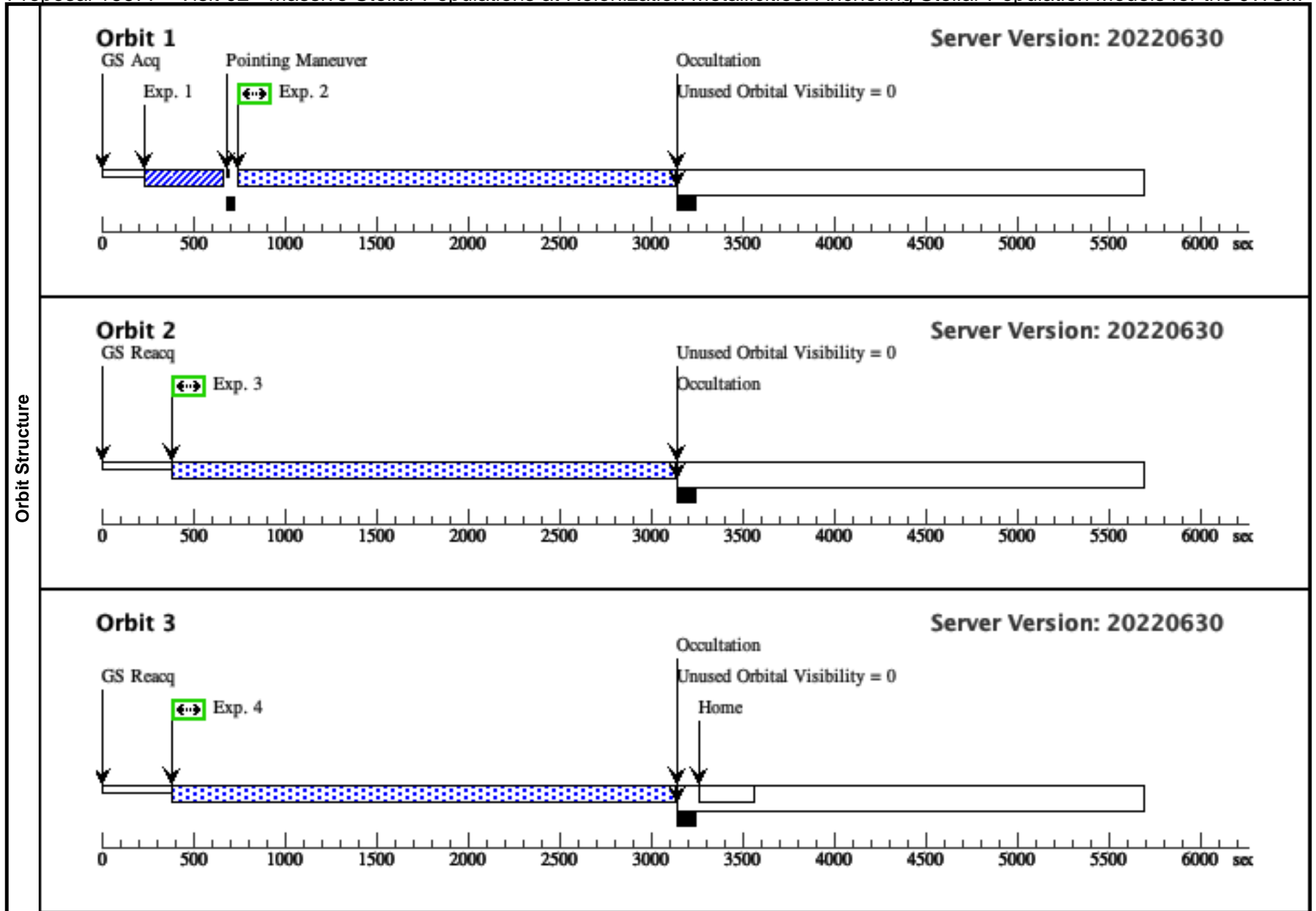
<b>Visit</b>	<b>Proposal 16677, Visit 51, completed</b> <b>Diagnostic Status: Error</b> Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none) <i>Comments: HOPR repeat of the second orbit of visit 1.</i>																																	
	(Exposure 2 (Visit 51)) Error (Form): Illegal selection: G160M. (Exposure 2 (Visit 51)) Error (Form): Illegal selection: PSA. (Exposure 2 (Visit 51)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 2 (Visit 51)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 2 (Visit 51)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 2 (Visit 51)) Error (Form): YES is not a valid selection (Exposure 2 (Visit 51)) Error (Form): YES is not a valid selection (Visit 51) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.																																	
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<b>Orbit Structure</b>	<p><b>Orbit 1</b> <span style="float: right;"><b>Server Version: 20220630</b></span></p> <p>The diagram illustrates the timing of observations within a single orbit. It starts with 'GS Acq' at approximately 100 seconds. 'Exp. 1' is a hatched bar from ~200 to ~400 seconds. A 'Pointing Maneuver' (green box with double arrows) occurs at ~600 seconds. 'Exp. 2' is a dotted bar from ~600 to ~3100 seconds. An 'Occultation' (black bar) occurs at ~3100 seconds. 'Unused Orbital Visibility = 0' is a white bar from ~3100 to ~3500 seconds. 'Home' is a black bar at ~3500 seconds. The x-axis is labeled 'sec' and ranges from 0 to 6000.</p>																																	



<b>Visit</b>	<p><b>Proposal 16677, Visit 02, completed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>																													
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<p><i>Comments:</i></p> <p><i>Category=GALAXY</i></p> <p><i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i></p> <p><i>Extended=NO</i></p>																														

Proposal 16677 - Visit 02 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

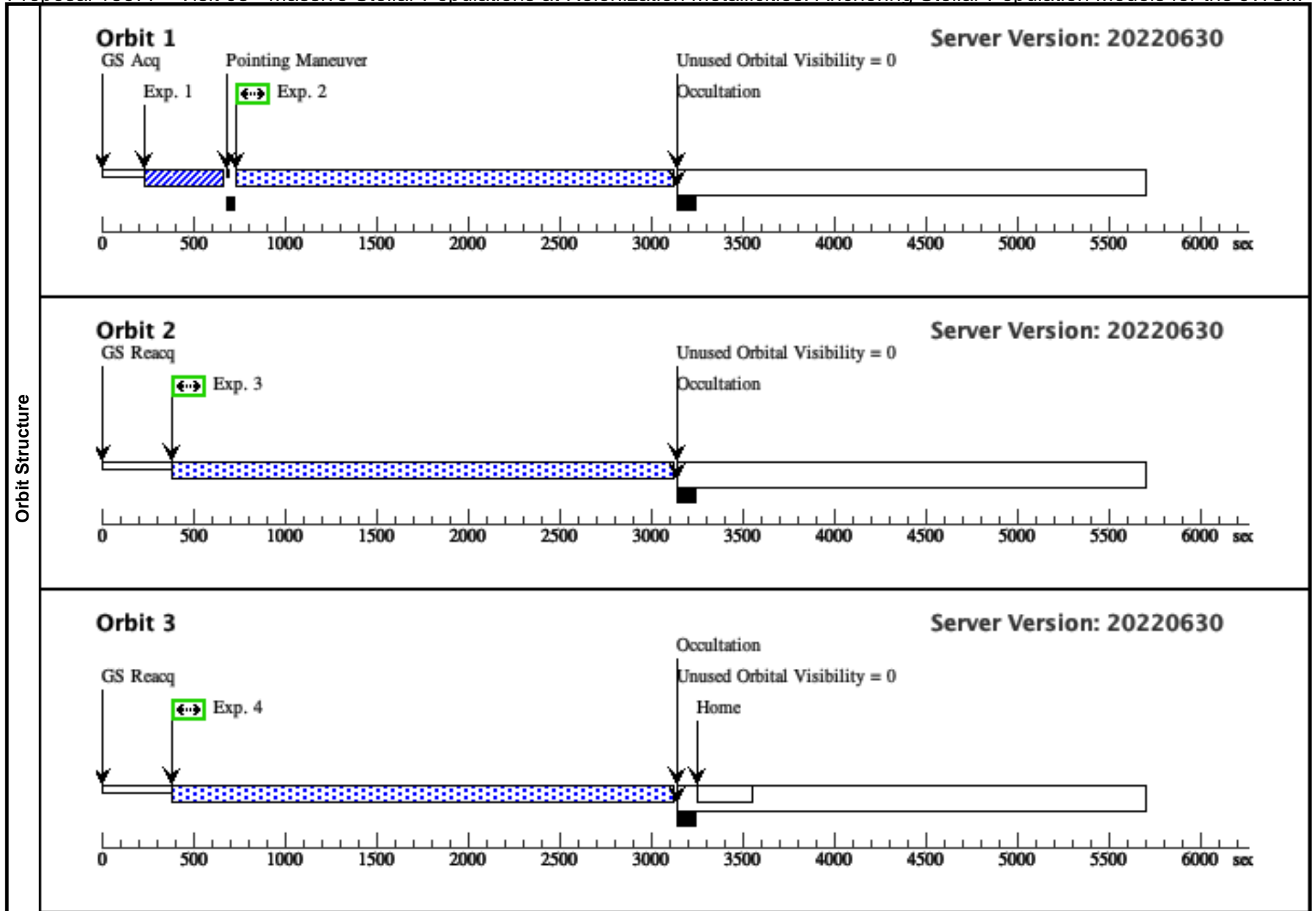
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5665)	(1) SDSSJ084236.57 +103313.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					109 Secs (109 Secs)	
										[==>]	[1]
	2	(COS.sp.152 5668)	(1) SDSSJ084236.57 +103313.9	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=21 73				2000 Secs (2173 Secs)	
										[==>2173.0 Secs ]	[1]
3	(COS.sp.152 5668)	(1) SDSSJ084236.57 +103313.9	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=26 93				2000 Secs (2693 Secs)		
									[==>2693.0 Secs ]	[2]	
4	(COS.sp.152 5668)	(1) SDSSJ084236.57 +103313.9	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=4; BUFFER-TIME=26 93				2000 Secs (2693 Secs)		
									[==>2693.0 Secs ]	[3]	



<b>Visit</b>	<p><b>Proposal 16677, Visit 03, completed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>																	
	<p>(Exposure 2 (Visit 03)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 03)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 03)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 03)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 03)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 03)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 03)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 03)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 03)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 03)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 03)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 03)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 03)) Error (Form): YES is not a valid selection</p> <p>(Visit 03) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>																	
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<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>SDSSJ095430.45+09521 2.0 Alt Name1: J095430</td> <td>RA: 09 54 30.4500 (148.6268750d) Dec: +09 52 12.04 (9.87001d) Equinox: J2000</td> <td></td> <td>V=18.5</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i>  <i>Category=GALAXY</i>  <i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i>  <i>Extended=NO</i></p>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(2)	SDSSJ095430.45+09521 2.0 Alt Name1: J095430	RA: 09 54 30.4500 (148.6268750d) Dec: +09 52 12.04 (9.87001d) Equinox: J2000		V=18.5	Reference Frame: ICRS
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(2)	SDSSJ095430.45+09521 2.0 Alt Name1: J095430	RA: 09 54 30.4500 (148.6268750d) Dec: +09 52 12.04 (9.87001d) Equinox: J2000		V=18.5	Reference Frame: ICRS													

Proposal 16677 - Visit 03 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5669)	(2) SDSSJ095430.45 +095212.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					107 Secs (107 Secs) [==>]	[1]
	2	(COS.sp.152 5670)	(2) SDSSJ095430.45 +095212.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=1; BUFFER-TIME=21 73				2000 Secs (2173 Secs) [==>2173.0 Secs ]	[1]
	3	(COS.sp.152 5670)	(2) SDSSJ095430.45 +095212.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=26 89				2000 Secs (2689 Secs) [==>2689.0 Secs ]	[2]
	4	(COS.sp.152 5670)	(2) SDSSJ095430.45 +095212.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=26 89				2000 Secs (2689 Secs) [==>2689.0 Secs ]	[3]

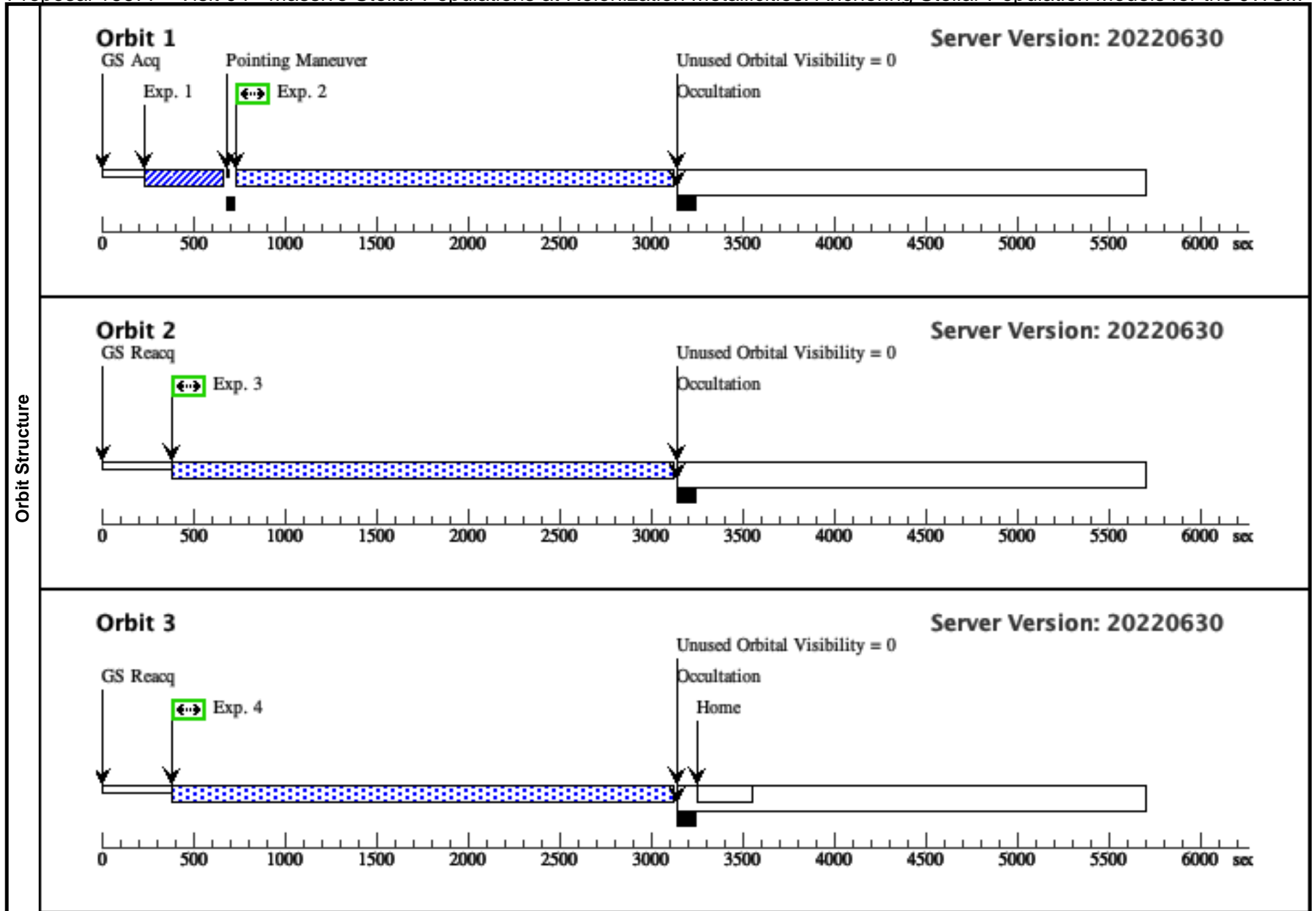


<b>Visit</b>	<p><b>Proposal 16677, Visit 04, failed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>																	
	<p>(Exposure 2 (Visit 04)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 04)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 04)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 04)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 04)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 04)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 04)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 04)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 04)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 04)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 04)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 04)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 04)) Error (Form): YES is not a valid selection</p> <p>(Visit 04) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>																	
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	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous												
(2)	SDSSJ095430.45+09521 2.0 Alt Name1: J095430	RA: 09 54 30.4500 (148.6268750d) Dec: +09 52 12.04 (9.87001d) Equinox: J2000		V=18.5	Reference Frame: ICRS													

Proposal 16677 - Visit 04 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5669)	(2) SDSSJ095430.45 +095212.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					107 Secs (107 Secs) [==>]	[1]
	2	(COS.sp.152 5670)	(2) SDSSJ095430.45 +095212.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=21 73				2000 Secs (2173 Secs) [==>2173.0 Secs ]	[1]
	3	(COS.sp.152 5670)	(2) SDSSJ095430.45 +095212.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=26 89				2000 Secs (2689 Secs) [==>2689.0 Secs ]	[2]
	4	(COS.sp.152 5670)	(2) SDSSJ095430.45 +095212.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=4; BUFFER-TIME=26 89				2000 Secs (2689 Secs) [==>2689.0 Secs ]	[3]



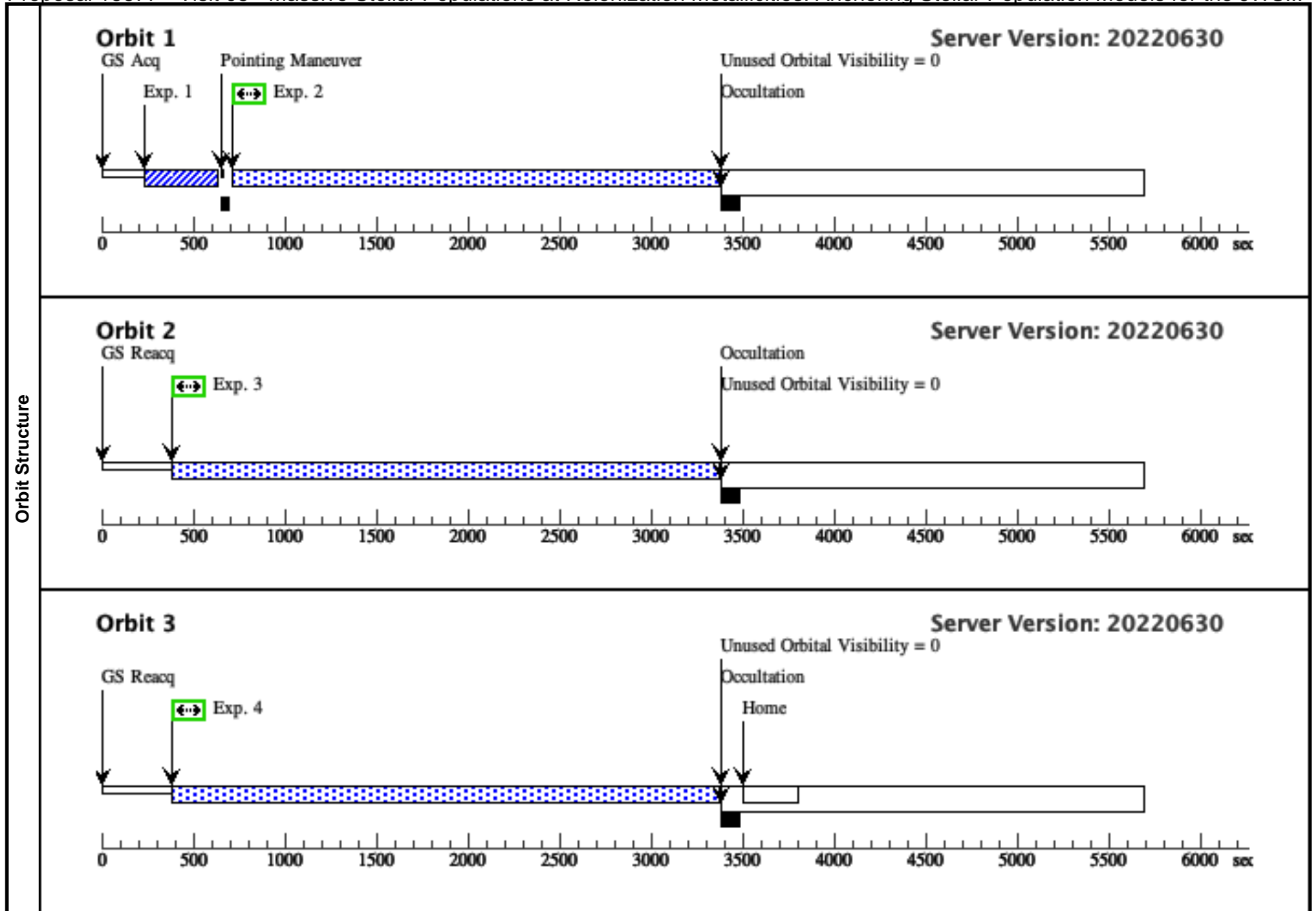


<b>Visit</b>	Proposal 16677, Visit 52, scheduling <b>Diagnostic Status: Warning</b> Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	(Visit 52) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.									
<b>Diagnosics</b>										
<b>Fixed Targets</b>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(2)	SDSSJ095430.45+095212.0 Alt Name1: J095430	RA: 09 54 30.4500 (148.6268750d) Dec: +09 52 12.04 (9.87001d) Equinox: J2000		V=18.5	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION] Extended=NO										
<b>Exposures</b>	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.152 5669)	(2) SDSSJ095430.45 +095212.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				107 Secs (107 Secs) [==>]	[1]
2	(COS.sp.152 5670)	(2) SDSSJ095430.45 +095212.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FP-POS=3; BUFFER-TIME=21 73			2000 Secs (2173 Secs) [==>2173.0 Secs ]	[1]	
<b>Orbit Structure</b>	<b>Orbit 1</b> <span style="float: right;">Server Version: 20220630</span>									

<b>Visit</b>	<b>Proposal 16677, Visit 05, scheduling</b> <b>Diagnostic Status: Error</b> Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)																						
	(Exposure 2 (Visit 05)) Error (Form): Illegal selection: G160M. (Exposure 2 (Visit 05)) Error (Form): Illegal selection: PSA. (Exposure 2 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 2 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 2 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 2 (Visit 05)) Error (Form): YES is not a valid selection (Exposure 2 (Visit 05)) Error (Form): YES is not a valid selection (Exposure 3 (Visit 05)) Error (Form): Illegal selection: G160M. (Exposure 3 (Visit 05)) Error (Form): Illegal selection: PSA. (Exposure 3 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 3 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 3 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 3 (Visit 05)) Error (Form): YES is not a valid selection (Exposure 3 (Visit 05)) Error (Form): YES is not a valid selection (Exposure 4 (Visit 05)) Error (Form): Illegal selection: G160M. (Exposure 4 (Visit 05)) Error (Form): Illegal selection: PSA. (Exposure 4 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 4 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 4 (Visit 05)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 4 (Visit 05)) Error (Form): YES is not a valid selection (Exposure 4 (Visit 05)) Error (Form): YES is not a valid selection (Visit 05) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.																						
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	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(3)	SDSSJ113116.36+570358.8	RA: 11 31 16.3600 (172.8181667d) Dec: +57 03 58.81 (57.06634d)		V=17.4	Reference Frame: ICRS																		
	Alt Name1: J113116	Equinox: J2000																					
	Comments: Category=GALAXY Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION] Extended=NO																						

Proposal 16677 - Visit 05 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

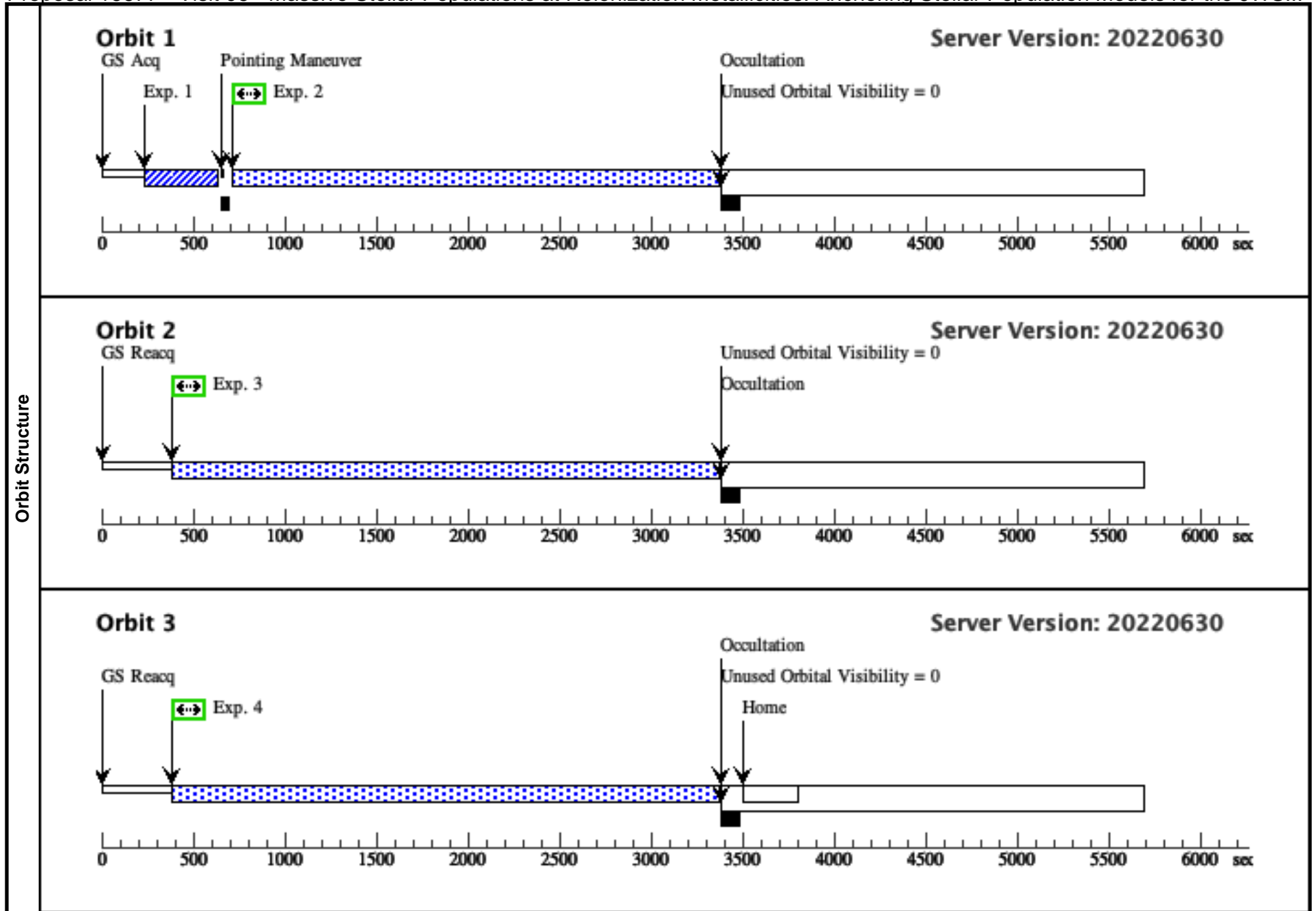
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5672)	(3) SDSSJ113116.36 +570358.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					94 Secs (94 Secs) [==>]	[1]
	2	(COS.sp.152 5673)	(3) SDSSJ113116.36 +570358.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=1; BUFFER-TIME=24 43				2000 Secs (2443 Secs) [==>2443.0 Secs ]	[1]
	3	(COS.sp.152 5673)	(3) SDSSJ113116.36 +570358.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=29 33				2000 Secs (2933 Secs) [==>2933.0 Secs ]	[2]
	4	(COS.sp.152 5673)	(3) SDSSJ113116.36 +570358.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=29 33				2000 Secs (2933 Secs) [==>2933.0 Secs ]	[3]



<b>Visit</b>	<p><b>Proposal 16677, Visit 06, completed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>																						
	<p>(Exposure 2 (Visit 06)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 06)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 06)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 06)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 06)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 06)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 06)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 06)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 06)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 06)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 06)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 06)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 06)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 06)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 06)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 06)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 06)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 06)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 06)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 06)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 06)) Error (Form): YES is not a valid selection</p> <p>(Visit 06) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>																						
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<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>SDSSJ113116.36+570358.8</td> <td>RA: 11 31 16.3600 (172.8181667d) Dec: +57 03 58.81 (57.06634d)</td> <td></td> <td>V=17.4</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: J113116</td> <td>Equinox: J2000</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	SDSSJ113116.36+570358.8	RA: 11 31 16.3600 (172.8181667d) Dec: +57 03 58.81 (57.06634d)		V=17.4	Reference Frame: ICRS		Alt Name1: J113116	Equinox: J2000							
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(3)	SDSSJ113116.36+570358.8	RA: 11 31 16.3600 (172.8181667d) Dec: +57 03 58.81 (57.06634d)		V=17.4	Reference Frame: ICRS																		
	Alt Name1: J113116	Equinox: J2000																					
	<p><i>Comments:</i>  <i>Category=GALAXY</i>  <i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i>  <i>Extended=NO</i></p>																						

Proposal 16677 - Visit 06 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5672)	(3) SDSSJ113116.36 +570358.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					94 Secs (94 Secs) [==>]	[1]
	2	(COS.sp.152 5673)	(3) SDSSJ113116.36 +570358.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=24 43				2000 Secs (2443 Secs) [==>2443.0 Secs ]	[1]
	3	(COS.sp.152 5673)	(3) SDSSJ113116.36 +570358.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=29 33				2000 Secs (2933 Secs) [==>2933.0 Secs ]	[2]
	4	(COS.sp.152 5673)	(3) SDSSJ113116.36 +570358.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=4; BUFFER-TIME=29 33				2000 Secs (2933 Secs) [==>2933.0 Secs ]	[3]

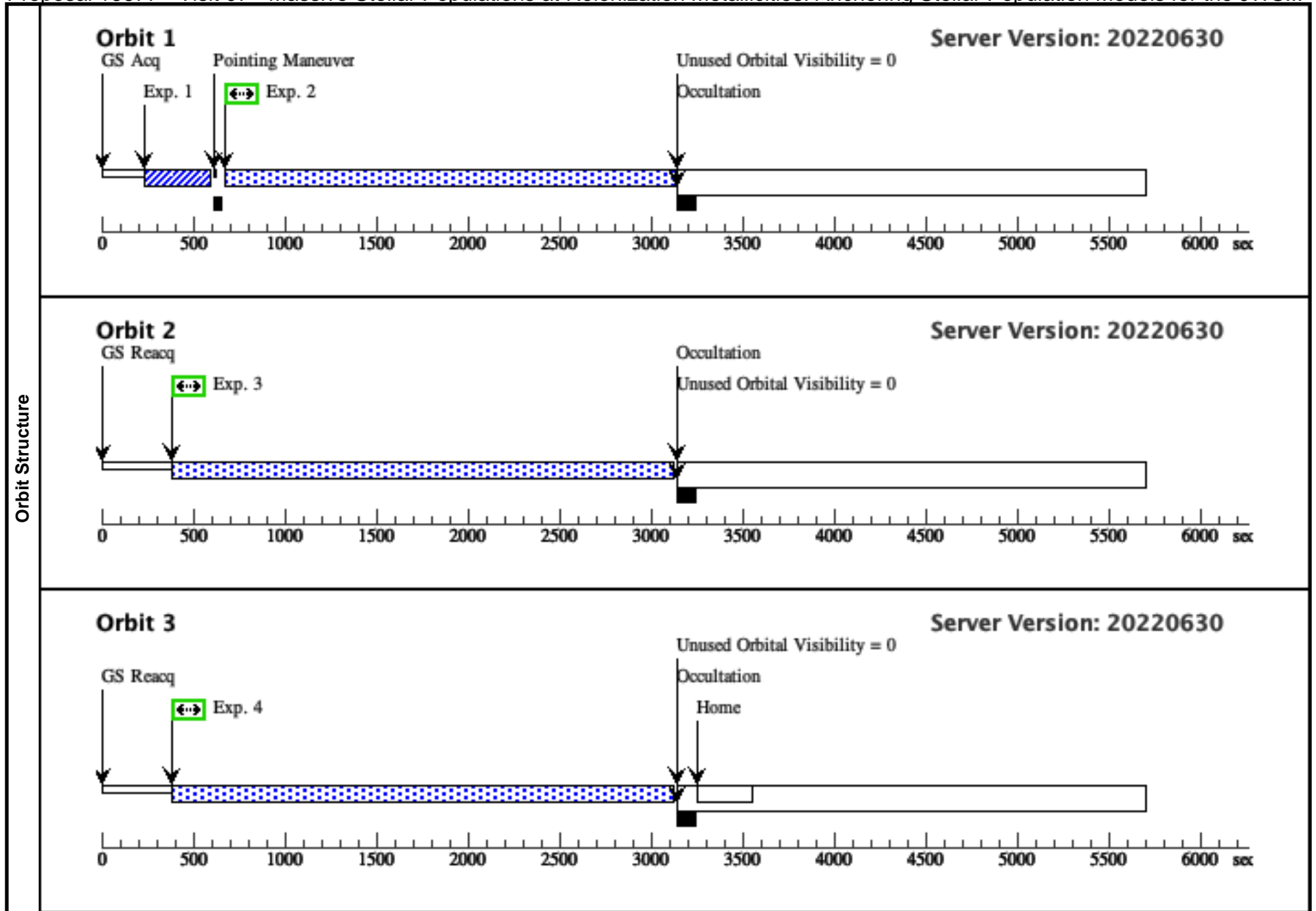




<b>Visit</b>	<p><b>Proposal 16677, Visit 07, completed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>																						
	<p>(Exposure 2 (Visit 07)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 07)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 07)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 07)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 07)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 07)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 07)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 07)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 07)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 07)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 07)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 07)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 07)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 07)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 07)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 07)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 07)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 07)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 07)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 07)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 07)) Error (Form): YES is not a valid selection</p> <p>(Visit 07) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>																						
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	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(4)	SDSSJ120122.30+021108.3	RA: 12 01 22.3000 (180.3429167d) Dec: +02 11 8.32 (2.18564d)		V=17.7	Reference Frame: ICRS																		
	Alt Name1: J120122	Equinox: J2000																					
	<p><i>Comments:</i></p> <p><i>Category=GALAXY</i></p> <p><i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i></p> <p><i>Extended=NO</i></p>																						

Proposal 16677 - Visit 07 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

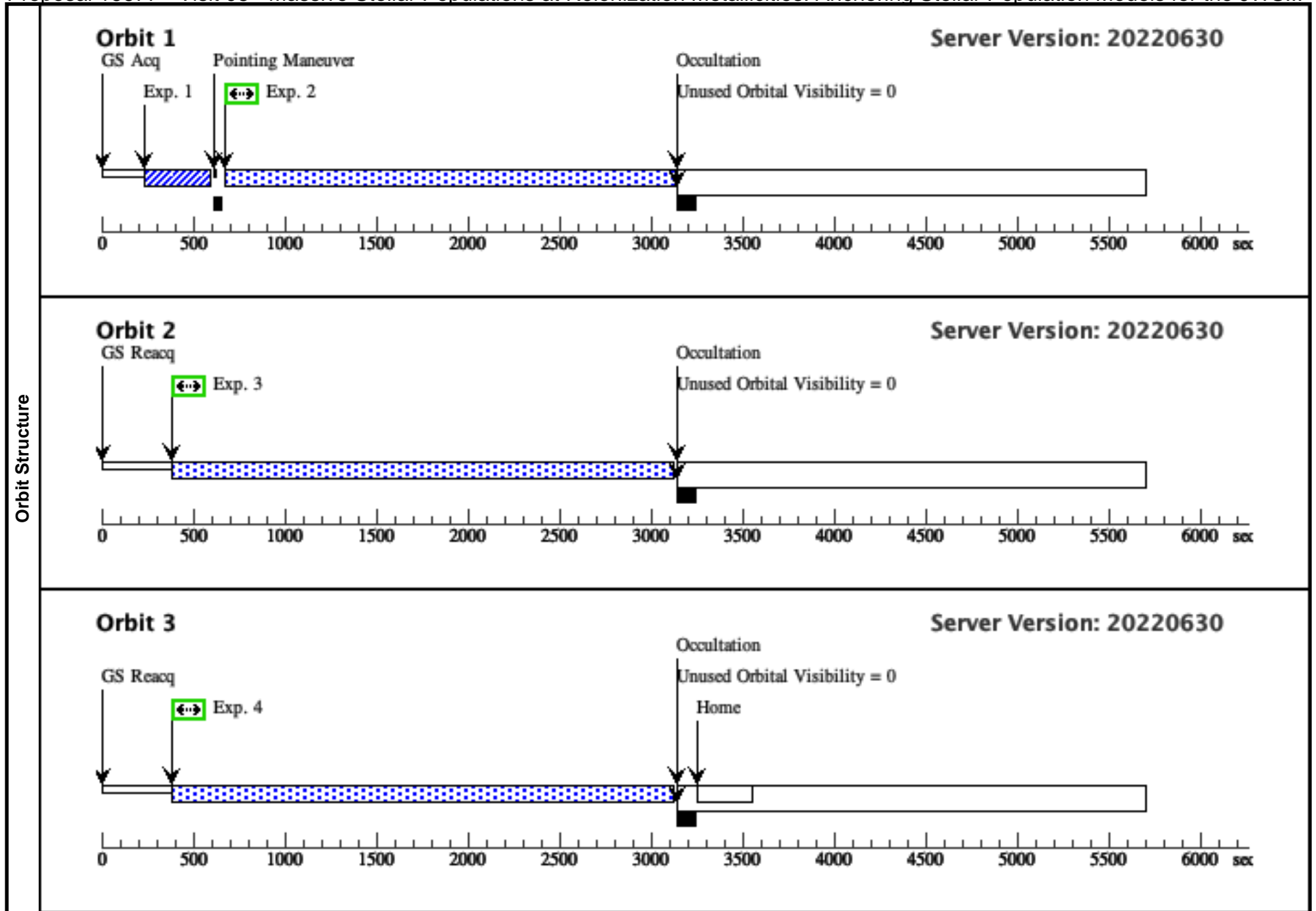
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5675)	(4) SDSSJ120122.30 +021108.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					74 Secs (74 Secs) [==>]	
	2	(COS.sp.152 5676)	(4) SDSSJ120122.30 +021108.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=1; BUFFER-TIME=22 36				2000 Secs (2236 Secs) [==>2236.0 Secs ]	[1]
	3	(COS.sp.152 5676)	(4) SDSSJ120122.30 +021108.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=26 86				2000 Secs (2686 Secs) [==>2686.0 Secs ]	[2]
	4	(COS.sp.152 5676)	(4) SDSSJ120122.30 +021108.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=26 86				2000 Secs (2686 Secs) [==>2686.0 Secs ]	[3]



<b>Visit</b>	<p><b>Proposal 16677, Visit 08, completed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>						
	<b>Diagnostics</b>	<p>(Exposure 2 (Visit 08)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 08)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 08)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 08)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 08)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 08)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 08)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 08)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 08)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 08)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 08)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 08)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 08)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 08)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 08)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 08)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 08)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 08)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 08)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 08)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 08)) Error (Form): YES is not a valid selection</p> <p>(Visit 08) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>					
<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)	SDSSJ120122.30+021108.3 Alt Name1: J120122	RA: 12 01 22.3000 (180.3429167d) Dec: +02 11 8.32 (2.18564d) Equinox: J2000		V=17.7	Reference Frame: ICRS
<p><i>Comments:</i>  <i>Category=GALAXY</i>  <i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i>  <i>Extended=NO</i></p>							

Proposal 16677 - Visit 08 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5675)	(4) SDSSJ120122.30 +021108.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					74 Secs (74 Secs) [==>]	
	2	(COS.sp.152 5676)	(4) SDSSJ120122.30 +021108.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=22 36				2000 Secs (2236 Secs) [==>2236.0 Secs ]	[1]
	3	(COS.sp.152 5676)	(4) SDSSJ120122.30 +021108.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=26 86				2000 Secs (2686 Secs) [==>2686.0 Secs ]	[2]
	4	(COS.sp.152 5676)	(4) SDSSJ120122.30 +021108.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=4; BUFFER-TIME=26 86				2000 Secs (2686 Secs) [==>2686.0 Secs ]	[3]

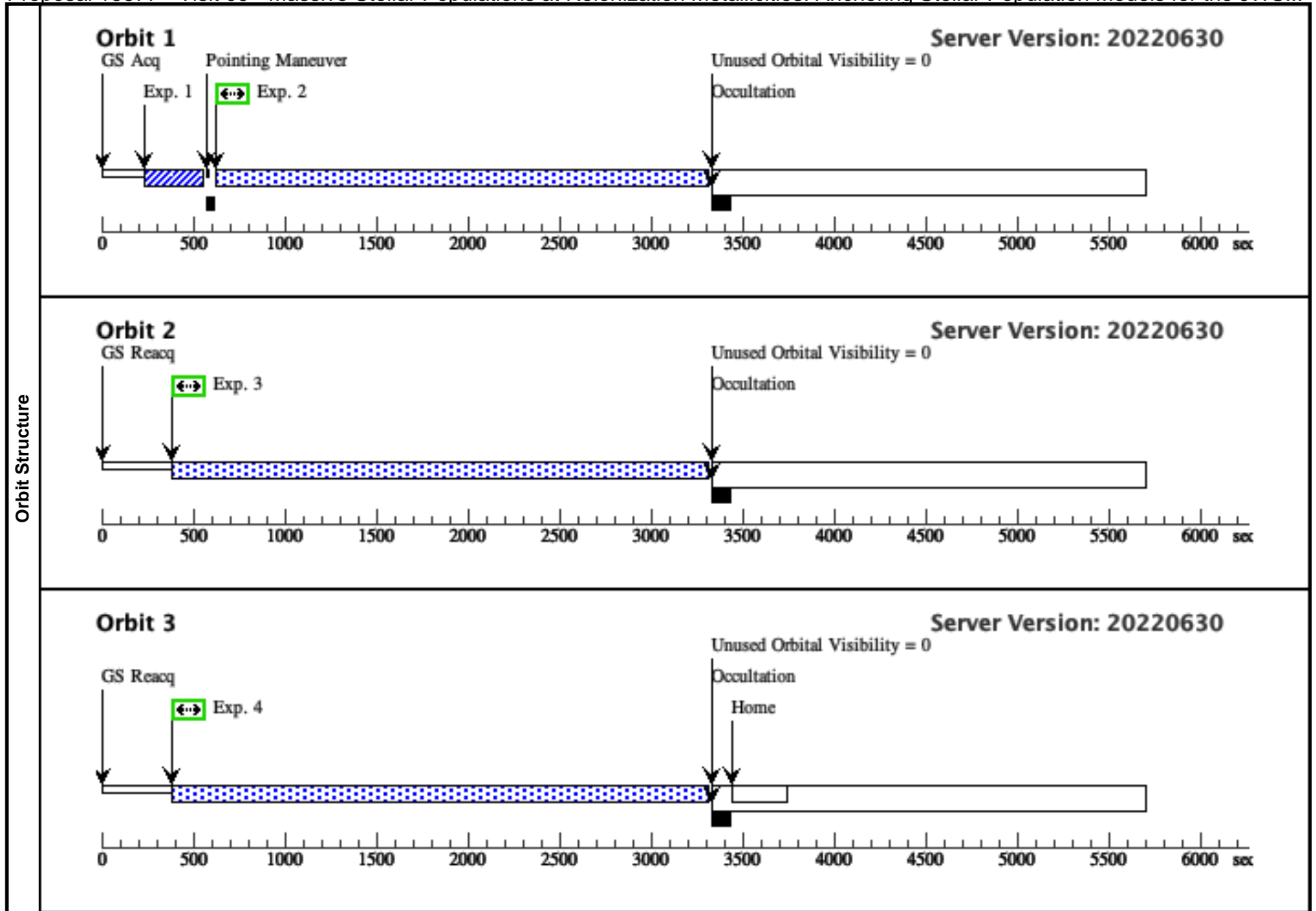


<b>Visit</b>	<p><b>Proposal 16677, Visit 09, scheduling</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>																							
	<p>(Exposure 2 (Visit 09)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 09)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 09)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 09)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 09)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 09)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 09)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 09)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 09)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 09)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 09)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 09)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 09)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 09)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 09)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 09)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 09)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 09)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 09)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 09)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 09)) Error (Form): YES is not a valid selection</p> <p>(Visit 09) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>																							
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<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>SDSSJ121402.47+534517.3</td> <td>RA: 12 14 2.4700 (183.5102917d) Dec: +53 45 17.35 (53.75482d)</td> <td></td> <td>V=17.1</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: J121402</td> <td>Equinox: J2000</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p><i>Comments:</i>  <i>Category=GALAXY</i>  <i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i>  <i>Extended=NO</i></p>						#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(5)	SDSSJ121402.47+534517.3	RA: 12 14 2.4700 (183.5102917d) Dec: +53 45 17.35 (53.75482d)		V=17.1	Reference Frame: ICRS		Alt Name1: J121402	Equinox: J2000			
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																		
(5)	SDSSJ121402.47+534517.3	RA: 12 14 2.4700 (183.5102917d) Dec: +53 45 17.35 (53.75482d)		V=17.1	Reference Frame: ICRS																			
	Alt Name1: J121402	Equinox: J2000																						

Proposal 16677 - Visit 09 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5678)	(5) SDSSJ121402.47 +534517.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					52 Secs (52 Secs) [==>]	[1]
	2	(COS.sp.152 5679)	(5) SDSSJ121402.47 +534517.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=1; BUFFER-TIME=24 71				2000 Secs (2471 Secs) [==>2471.0 Secs ]	[1]
	3	(COS.sp.152 5679)	(5) SDSSJ121402.47 +534517.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=28 77				2000 Secs (2877 Secs) [==>2877.0 Secs ]	[2]
	4	(COS.sp.152 5679)	(5) SDSSJ121402.47 +534517.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=28 77				2000 Secs (2877 Secs) [==>2877.0 Secs ]	[3]

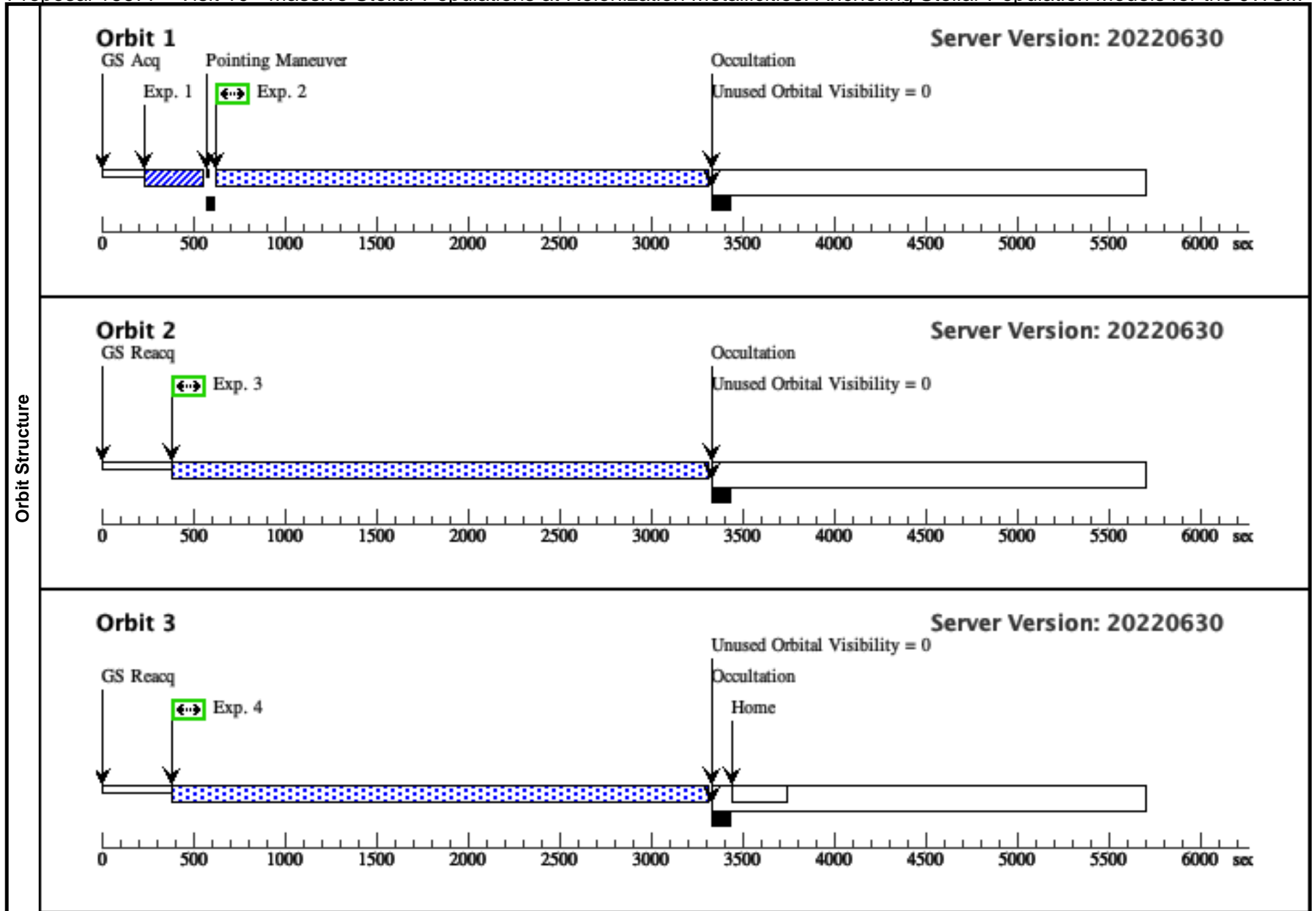




<b>Visit</b>	<b>Proposal 16677, Visit 10, scheduling</b> <b>Diagnostic Status: Error</b> Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)						
	<b>Diagnostics</b>	(Exposure 2 (Visit 10)) Error (Form): Illegal selection: G160M. (Exposure 2 (Visit 10)) Error (Form): Illegal selection: PSA. (Exposure 2 (Visit 10)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 2 (Visit 10)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 2 (Visit 10)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 2 (Visit 10)) Error (Form): YES is not a valid selection (Exposure 2 (Visit 10)) Error (Form): YES is not a valid selection (Exposure 3 (Visit 10)) Error (Form): Illegal selection: G160M. (Exposure 3 (Visit 10)) Error (Form): Illegal selection: PSA. (Exposure 3 (Visit 10)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 3 (Visit 10)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 3 (Visit 10)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 3 (Visit 10)) Error (Form): YES is not a valid selection (Exposure 3 (Visit 10)) Error (Form): YES is not a valid selection (Exposure 4 (Visit 10)) Error (Form): Illegal selection: G160M. (Exposure 4 (Visit 10)) Error (Form): Illegal selection: PSA. (Exposure 4 (Visit 10)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 4 (Visit 10)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 4 (Visit 10)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6). (Exposure 4 (Visit 10)) Error (Form): YES is not a valid selection (Exposure 4 (Visit 10)) Error (Form): YES is not a valid selection (Visit 10) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.					
<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)	SDSSJ121402.47+534517.3 Alt Name1: J121402	RA: 12 14 2.4700 (183.5102917d) Dec: +53 45 17.35 (53.75482d) Equinox: J2000		V=17.1	Reference Frame: ICRS
Comments: Category=GALAXY Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION] Extended=NO							

Proposal 16677 - Visit 10 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

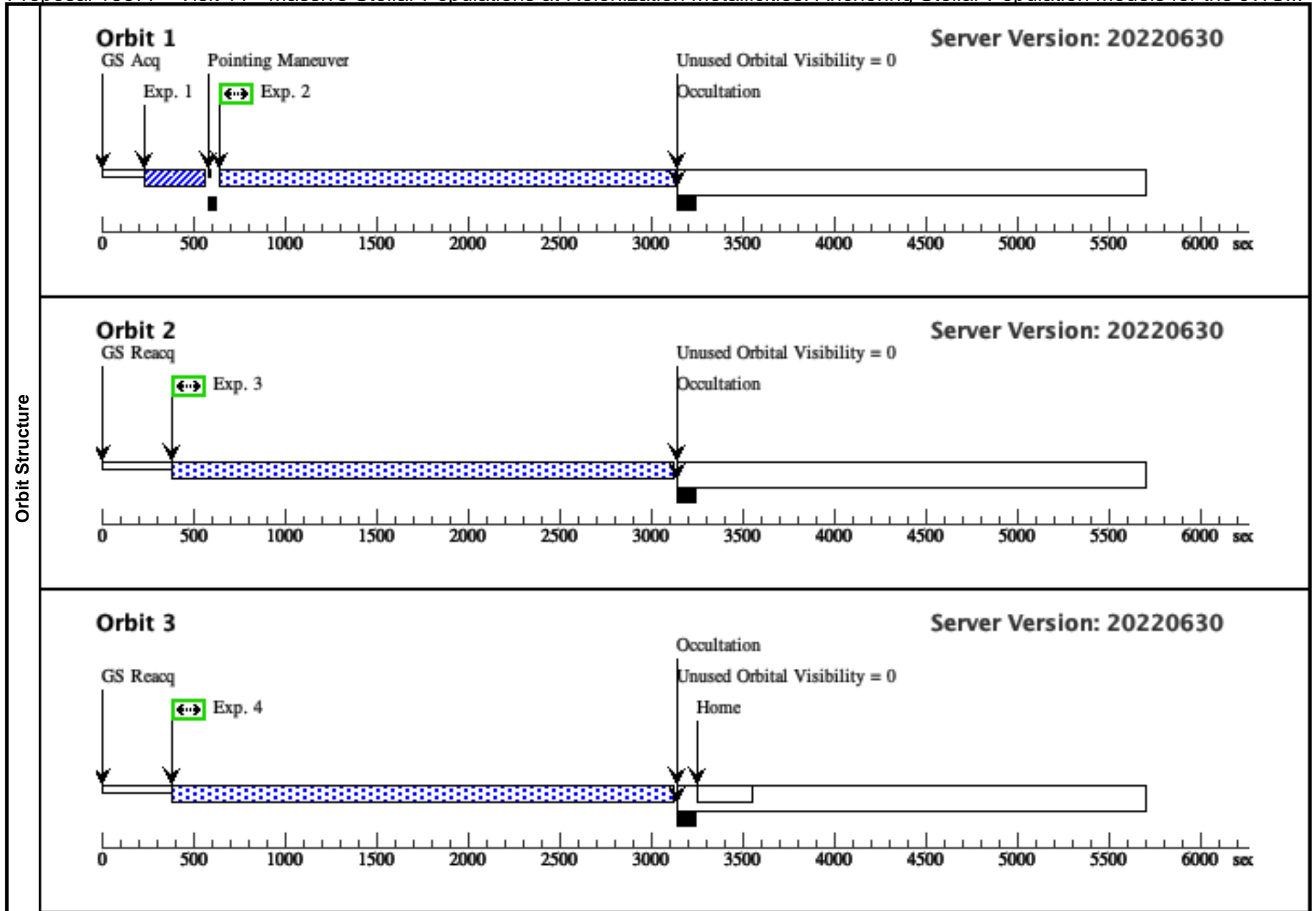
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5678)	(5) SDSSJ121402.47 +534517.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					52 Secs (52 Secs) [==>]	[1]
	2	(COS.sp.152 5679)	(5) SDSSJ121402.47 +534517.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=24 71				2000 Secs (2471 Secs) [==>2471.0 Secs ]	[1]
	3	(COS.sp.152 5679)	(5) SDSSJ121402.47 +534517.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=28 77				2000 Secs (2877 Secs) [==>2877.0 Secs ]	[2]
	4	(COS.sp.152 5679)	(5) SDSSJ121402.47 +534517.3	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=4; BUFFER-TIME=28 77				2000 Secs (2877 Secs) [==>2877.0 Secs ]	[3]



<b>Visit</b>	<p><b>Proposal 16677, Visit 11, completed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>																						
	<p>(Exposure 2 (Visit 11)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 11)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 11)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 11)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 11)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 11)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 11)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 11)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 11)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 11)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 11)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 11)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 11)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 11)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 11)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 11)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 11)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 11)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 11)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 11)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 11)) Error (Form): YES is not a valid selection</p> <p>(Visit 11) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>																						
<b>Diagnosics</b>																							
<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>SDSSJ132347.46-013252.0</td> <td>RA: 13 23 47.4600 (200.9477500d) Dec: -01 32 52.00 (-1.54778d)</td> <td></td> <td>V=18.8</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: J132347</td> <td>Equinox: J2000</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	SDSSJ132347.46-013252.0	RA: 13 23 47.4600 (200.9477500d) Dec: -01 32 52.00 (-1.54778d)		V=18.8	Reference Frame: ICRS		Alt Name1: J132347	Equinox: J2000							
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																	
(6)	SDSSJ132347.46-013252.0	RA: 13 23 47.4600 (200.9477500d) Dec: -01 32 52.00 (-1.54778d)		V=18.8	Reference Frame: ICRS																		
	Alt Name1: J132347	Equinox: J2000																					
	<p><i>Comments:</i></p> <p><i>Category=GALAXY</i></p> <p><i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i></p> <p><i>Extended=NO</i></p>																						

Proposal 16677 - Visit 11 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5685)	(6) SDSSJ132347.46 -013252.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					60 Secs (60 Secs) [==>]	[1]
	2	(COS.sp.152 5686)	(6) SDSSJ132347.46 -013252.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=1; BUFFER-TIME=22 64				2000 Secs (2264 Secs) [==>2264.0 Secs ]	[1]
	3	(COS.sp.152 5686)	(6) SDSSJ132347.46 -013252.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=26 86				2000 Secs (2686 Secs) [==>2686.0 Secs ]	[2]
	4	(COS.sp.152 5686)	(6) SDSSJ132347.46 -013252.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=26 86				2000 Secs (2686 Secs) [==>2686.0 Secs ]	[3]

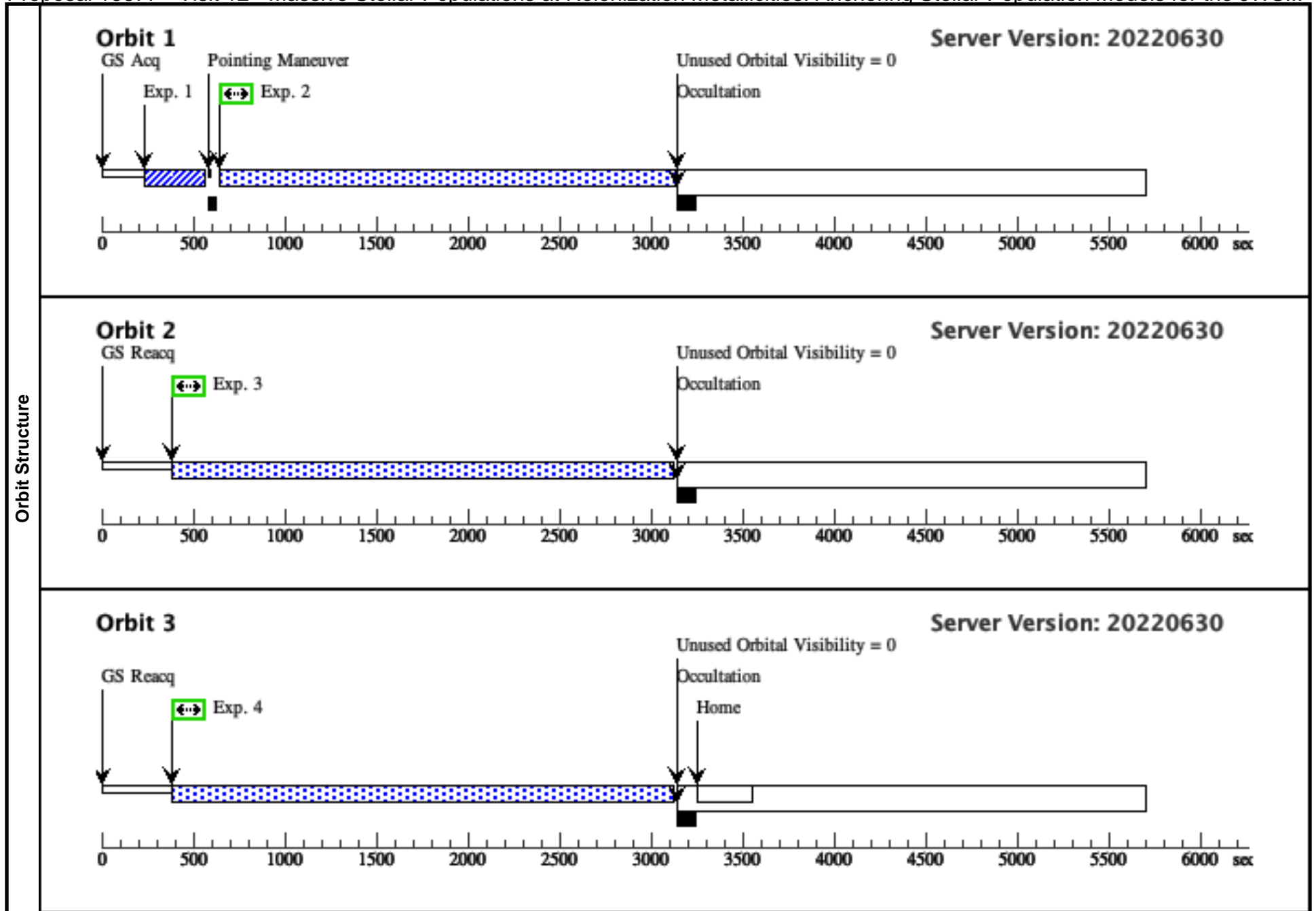


<b>Visit</b>	<p><b>Proposal 16677, Visit 12, completed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>																
	<p>(Exposure 2 (Visit 12)) Error (Form): Illegal selection: G160M.                  (Exposure 2 (Visit 12)) Error (Form): Illegal selection: PSA.                  (Exposure 2 (Visit 12)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA.                  FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).                  (Exposure 2 (Visit 12)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES.                  FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).                  (Exposure 2 (Visit 12)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M.                  FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).                  (Exposure 2 (Visit 12)) Error (Form): YES is not a valid selection                  (Exposure 2 (Visit 12)) Error (Form): YES is not a valid selection                  (Exposure 3 (Visit 12)) Error (Form): Illegal selection: G160M.                  (Exposure 3 (Visit 12)) Error (Form): Illegal selection: PSA.                  (Exposure 3 (Visit 12)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA.                  FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).                  (Exposure 3 (Visit 12)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES.                  FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).                  (Exposure 3 (Visit 12)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M.                  FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).                  (Exposure 3 (Visit 12)) Error (Form): YES is not a valid selection                  (Exposure 3 (Visit 12)) Error (Form): YES is not a valid selection                  (Exposure 4 (Visit 12)) Error (Form): Illegal selection: G160M.                  (Exposure 4 (Visit 12)) Error (Form): Illegal selection: PSA.                  (Exposure 4 (Visit 12)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA.                  FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).                  (Exposure 4 (Visit 12)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES.                  FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).                  (Exposure 4 (Visit 12)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M.                  FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).                  (Exposure 4 (Visit 12)) Error (Form): YES is not a valid selection                  (Exposure 4 (Visit 12)) Error (Form): YES is not a valid selection                  (Visit 12) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>																
<b>Diagnosics</b>																	
<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(6)</td> <td>SDSSJ132347.46-013252.0 Alt Name1: J132347</td> <td>RA: 13 23 47.4600 (200.9477500d) Dec: -01 32 52.00 (-1.54778d) Equinox: J2000</td> <td></td> <td>V=18.8</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table> <p><i>Comments:</i>                  Category=GALAXY                  Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]                  Extended=NO</p>					#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(6)	SDSSJ132347.46-013252.0 Alt Name1: J132347	RA: 13 23 47.4600 (200.9477500d) Dec: -01 32 52.00 (-1.54778d) Equinox: J2000		V=18.8	Reference Frame: ICRS
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(6)	SDSSJ132347.46-013252.0 Alt Name1: J132347	RA: 13 23 47.4600 (200.9477500d) Dec: -01 32 52.00 (-1.54778d) Equinox: J2000		V=18.8	Reference Frame: ICRS												



Proposal 16677 - Visit 12 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

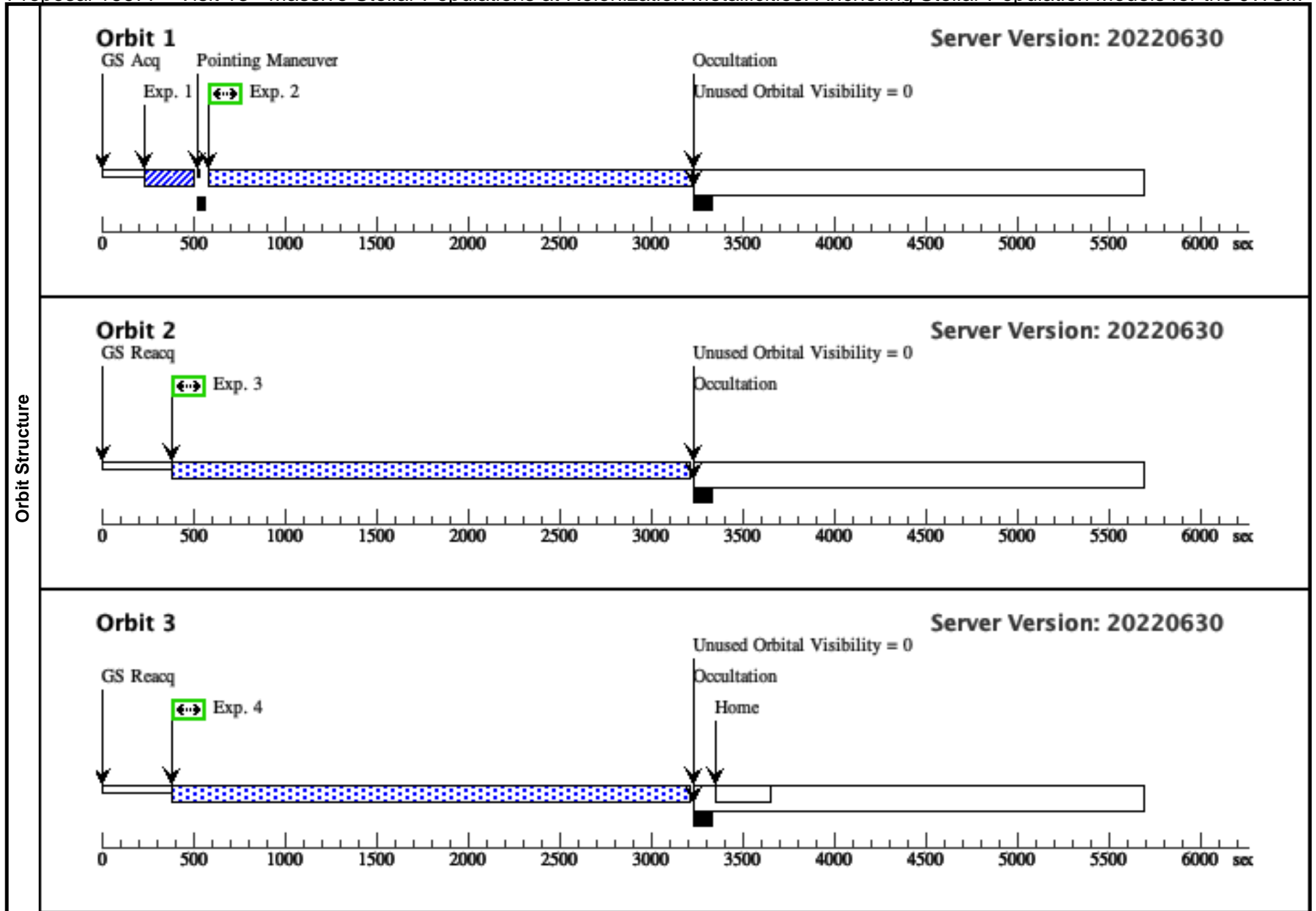
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5685)	(6) SDSSJ132347.46 -013252.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					60 Secs (60 Secs) [==>]	[1]
	2	(COS.sp.152 5686)	(6) SDSSJ132347.46 -013252.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=22 64				2000 Secs (2264 Secs) [==>2264.0 Secs ]	[1]
	3	(COS.sp.152 5686)	(6) SDSSJ132347.46 -013252.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=26 86				2000 Secs (2686 Secs) [==>2686.0 Secs ]	[2]
	4	(COS.sp.152 5686)	(6) SDSSJ132347.46 -013252.0	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=4; BUFFER-TIME=26 86				2000 Secs (2686 Secs) [==>2686.0 Secs ]	[3]



<b>Visit</b>	<p><b>Proposal 16677, Visit 13, failed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>						
	<b>Diagnostics</b>	<p>(Exposure 2 (Visit 13)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 13)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 13)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 13)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 13)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 13)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 13)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 13)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 13)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 13)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 13)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 13)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 13)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 13)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 13)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 13)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 13)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 13)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 13)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 13)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 13)) Error (Form): YES is not a valid selection</p> <p>(Visit 13) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>					
<b>Fixed Targets</b>		<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
		(7)	SDSSJ133126.91+41514 8.2 Alt Name1: J133126	RA: 13 31 26.9100 (202.8621250d) Dec: +41 51 48.27 (41.86341d) Equinox: J2000		V=17.3	Reference Frame: ICRS
<p><i>Comments:</i>  <i>Category=GALAXY</i>  <i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i>  <i>Extended=NO</i></p>							

Proposal 16677 - Visit 13 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

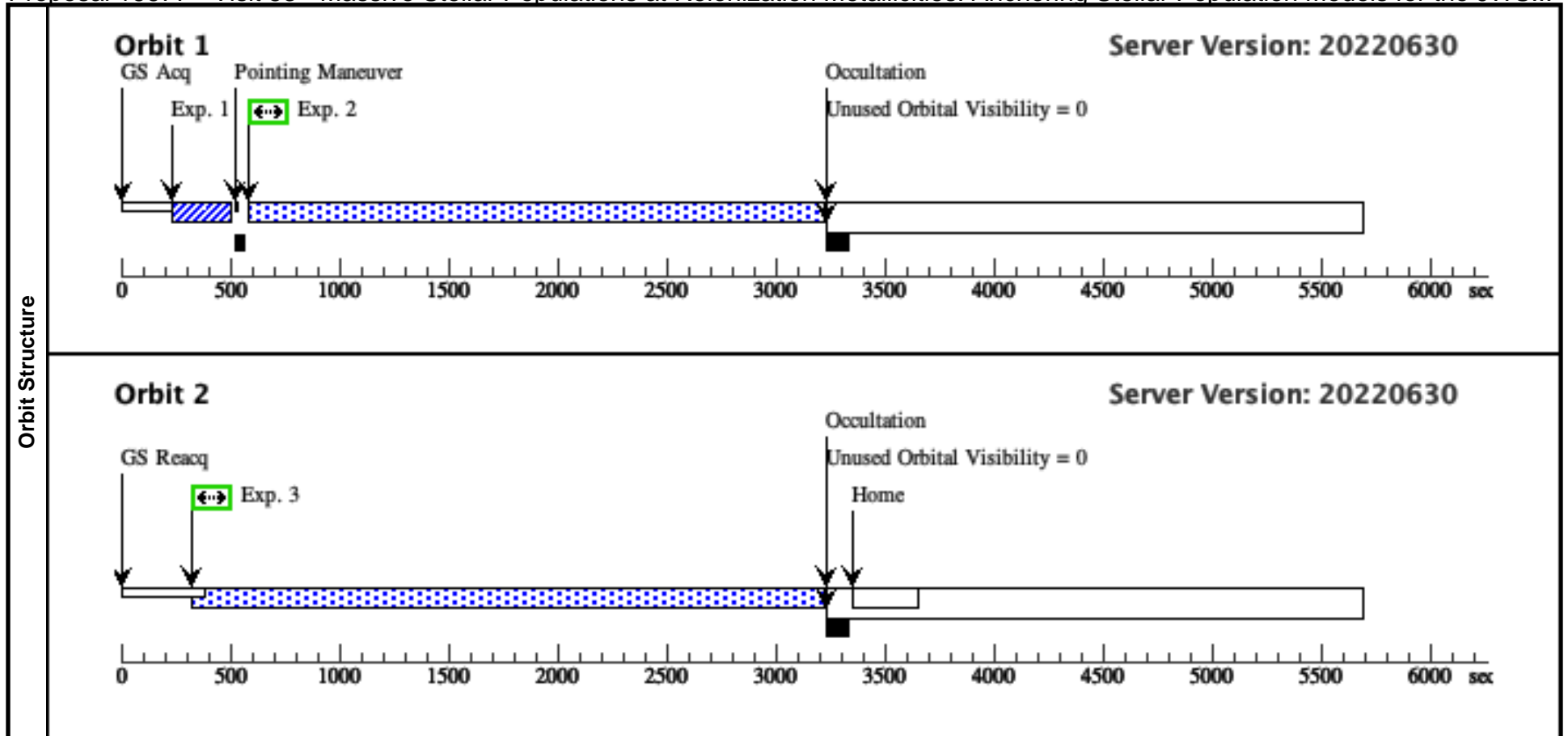
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5688)	(7) SDSSJ133126.91 +415148.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					29 Secs (29 Secs) [==>]	[1]
	2	(COS.sp.152 5689)	(7) SDSSJ133126.91 +415148.2	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=1; BUFFER-TIME=24 22				2000 Secs (2422 Secs) [==>2422.0 Secs ]	[1]
	3	(COS.sp.152 5689)	(7) SDSSJ133126.91 +415148.2	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=27 82				2000 Secs (2782 Secs) [==>2782.0 Secs ]	[2]
	4	(COS.sp.152 5689)	(7) SDSSJ133126.91 +415148.2	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=27 82				2000 Secs (2782 Secs) [==>2782.0 Secs ]	[3]



Proposal 16677 - Visit 53 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Wed Oct 05 19:02:25 GMT 2022

<b>Visit</b>	<b>Proposal 16677, Visit 53, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	(Visit 53) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M. (Visit 53) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS									
<b>Diagnosics</b>										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(7)	SDSSJ133126.91+415148.2 Alt Name1: J133126	RA: 13 31 26.9100 (202.8621250d) Dec: +41 51 48.27 (41.86341d) Equinox: J2000		V=17.3	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION] Extended=NO										
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</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	(COS.ta.152 5688)	(7) SDSSJ133126.91+415148.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				29 Secs (29 Secs) [==>]	[1]
	2	(COS.sp.152 5689)	(7) SDSSJ133126.91+415148.2	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FP-POS=3; BUFFER-TIME=24 22			2000 Secs (2422 Secs) [==>2422.0 Secs ]	[1]
	3	(COS.sp.152 5689)	(7) SDSSJ133126.91+415148.2	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FP-POS=1; BUFFER-TIME=27 82			2000 Secs (2782 Secs) [==>2782.0 Secs ]	[2]

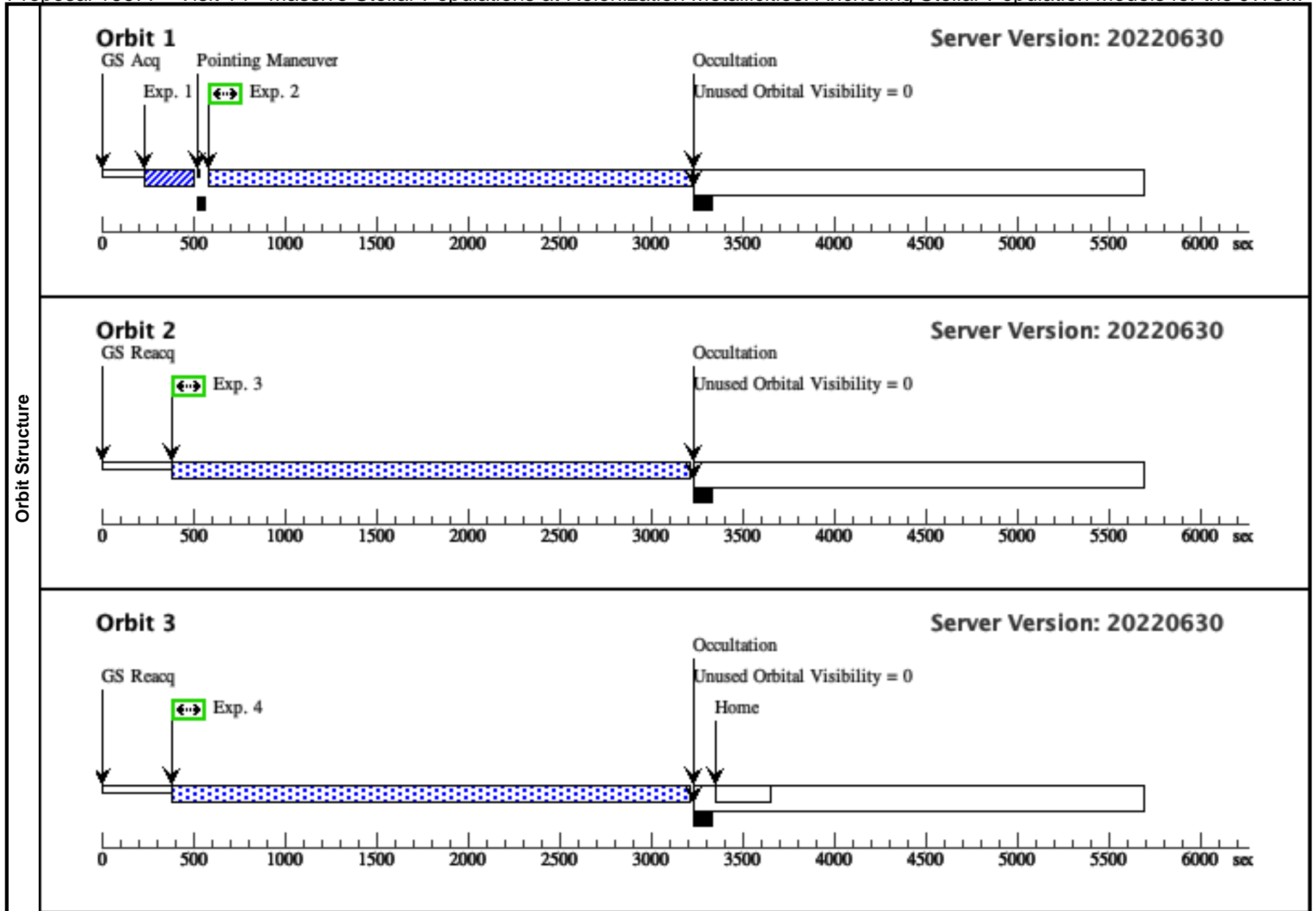


<b>Visit</b>	<p><b>Proposal 16677, Visit 14, failed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>																
	<p>(Exposure 2 (Visit 14)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 14)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 14)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 14)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 14)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 14)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 14)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 14)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 14)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 14)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 14)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 14)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 14)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 14)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 14)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 14)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 14)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 14)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 14)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 14)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 14)) Error (Form): YES is not a valid selection</p> <p>(Visit 14) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>																
<b>Diagnosics</b>																	
<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(7)</td> <td>SDSSJ133126.91+415148.2</td> <td>RA: 13 31 26.9100 (202.8621250d) Dec: +41 51 48.27 (41.86341d) Equinox: J2000</td> <td></td> <td>V=17.3</td> <td>Reference Frame: ICRS</td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(7)	SDSSJ133126.91+415148.2	RA: 13 31 26.9100 (202.8621250d) Dec: +41 51 48.27 (41.86341d) Equinox: J2000		V=17.3	Reference Frame: ICRS				
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous											
(7)	SDSSJ133126.91+415148.2	RA: 13 31 26.9100 (202.8621250d) Dec: +41 51 48.27 (41.86341d) Equinox: J2000		V=17.3	Reference Frame: ICRS												
<p>Comments: Category=GALAXY Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION] Extended=NO</p>																	



Proposal 16677 - Visit 14 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

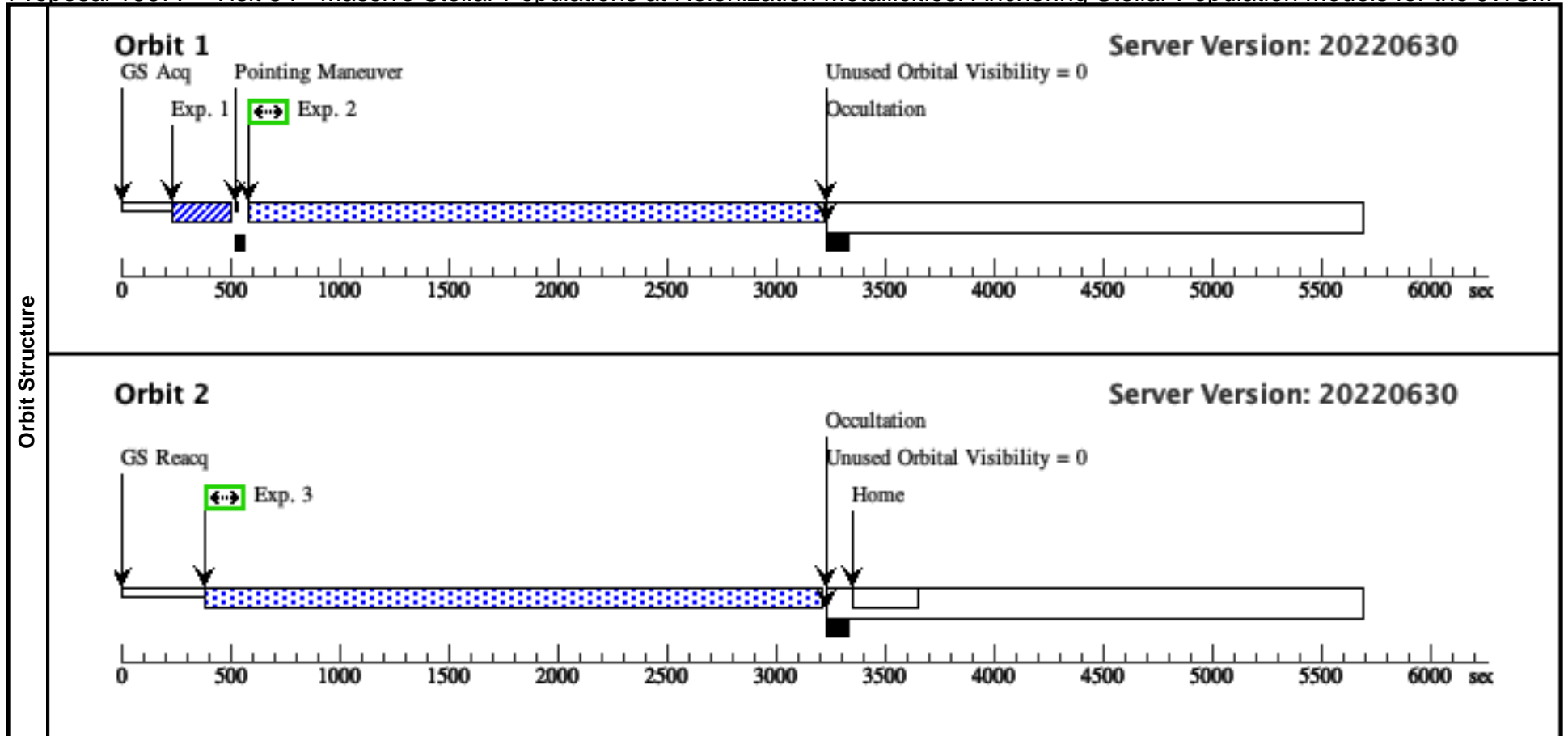
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5688)	(7) SDSSJ133126.91 +415148.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					29 Secs (29 Secs) [==>]	[1]
	2	(COS.sp.152 5689)	(7) SDSSJ133126.91 +415148.2	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=24 22				2000 Secs (2422 Secs) [==>2422.0 Secs ]	[1]
	3	(COS.sp.152 5689)	(7) SDSSJ133126.91 +415148.2	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=27 82				2000 Secs (2782 Secs) [==>2782.0 Secs ]	[2]
	4	(COS.sp.152 5689)	(7) SDSSJ133126.91 +415148.2	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=4; BUFFER-TIME=27 82				2000 Secs (2782 Secs) [==>2782.0 Secs ]	[3]



Proposal 16677 - Visit 54 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Wed Oct 05 19:02:25 GMT 2022

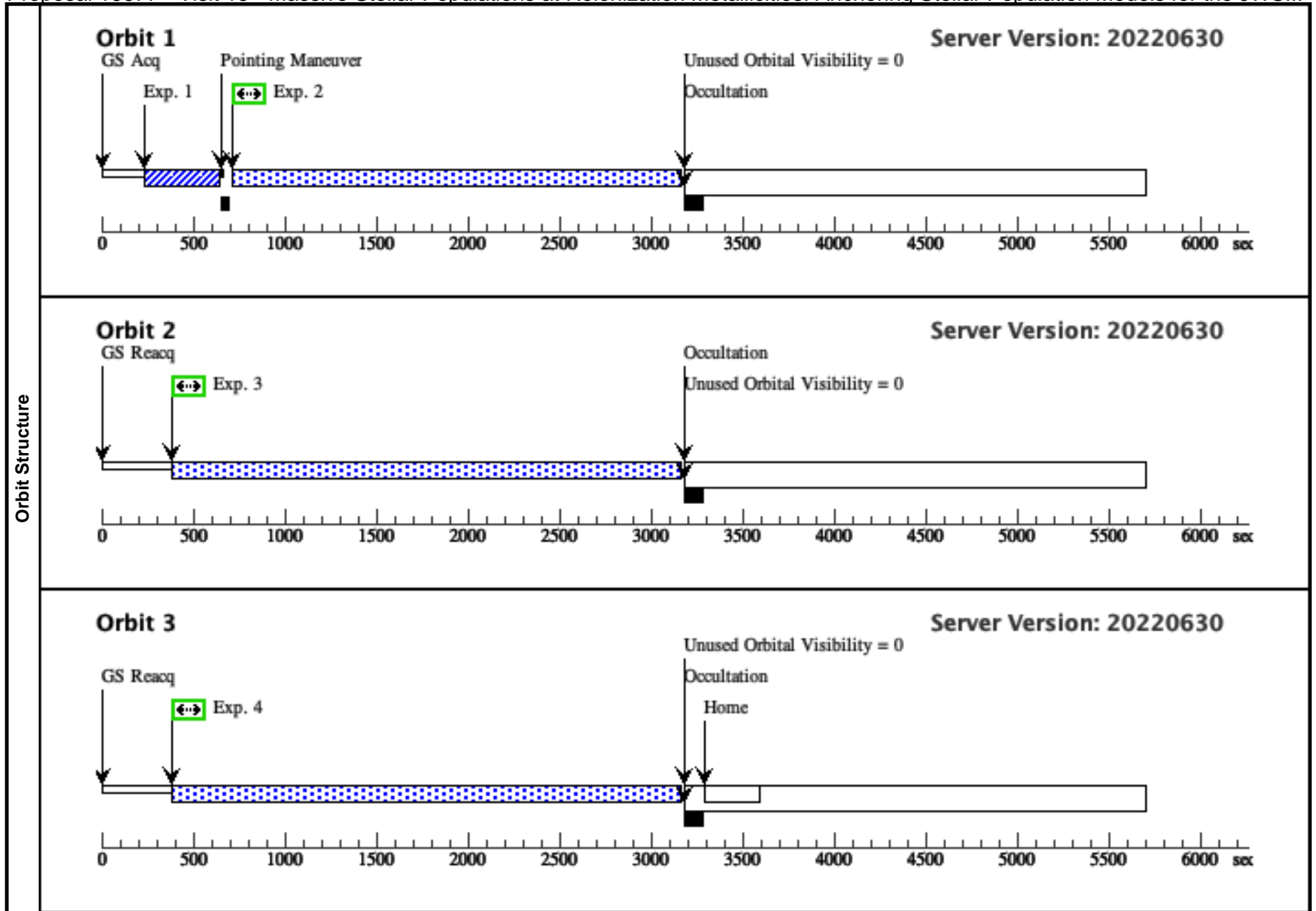
<b>Visit</b>	<b>Proposal 16677, Visit 54, scheduling</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	(Visit 54) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.									
<b>Diagnosics</b>										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(7)	SDSSJ133126.91+415148.2 Alt Name1: J133126	RA: 13 31 26.9100 (202.8621250d) Dec: +41 51 48.27 (41.86341d) Equinox: J2000		V=17.3	Reference Frame: ICRS				
Comments: Category=GALAXY Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION] Extended=NO										
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</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	(COS.ta.152 5688)	(7) SDSSJ133126.91+415148.2	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				29 Secs (29 Secs) [==>]	[1]
	2	(COS.sp.152 5689)	(7) SDSSJ133126.91+415148.2	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FP-POS=3; BUFFER-TIME=24 22			2000 Secs (2422 Secs) [==>2422.0 Secs ]	[1]
	3	(COS.sp.152 5689)	(7) SDSSJ133126.91+415148.2	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FP-POS=4; BUFFER-TIME=27 82			2000 Secs (2782 Secs) [==>2782.0 Secs ]	[2]



<b>Visit</b>	<p><b>Proposal 16677, Visit 15, completed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>																						
	<p>(Exposure 2 (Visit 15)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 15)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 15)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 15)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 15)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 15)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 15)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 15)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 15)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 15)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 15)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 15)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 15)) Error (Form): YES is not a valid selection</p> <p>(Visit 15) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>																						
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<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(8)</td> <td>SDSSJ171236.63+321633.4</td> <td>RA: 17 12 36.6300 (258.1526250d) Dec: +32 16 33.42 (32.27595d)</td> <td></td> <td>V=17.6</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td></td> <td>Alt Name1: J171236</td> <td>Equinox: J2000</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(8)	SDSSJ171236.63+321633.4	RA: 17 12 36.6300 (258.1526250d) Dec: +32 16 33.42 (32.27595d)		V=17.6	Reference Frame: ICRS		Alt Name1: J171236	Equinox: J2000							
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(8)	SDSSJ171236.63+321633.4	RA: 17 12 36.6300 (258.1526250d) Dec: +32 16 33.42 (32.27595d)		V=17.6	Reference Frame: ICRS																		
	Alt Name1: J171236	Equinox: J2000																					
	<p><i>Comments:</i>  <i>Category=GALAXY</i>  <i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i>  <i>Extended=NO</i></p>																						

Proposal 16677 - Visit 15 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5690)	(8) SDSSJ171236.63 +321633.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					96 Secs (96 Secs) [==>]	[1]
	2	(COS.sp.152 5691)	(8) SDSSJ171236.63 +321633.4	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=1; BUFFER-TIME=22 30				2000 Secs (2230 Secs) [==>2230.0 Secs ]	[1]
	3	(COS.sp.152 5691)	(8) SDSSJ171236.63 +321633.4	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=27 24				2000 Secs (2724 Secs) [==>2724.0 Secs ]	[2]
	4	(COS.sp.152 5691)	(8) SDSSJ171236.63 +321633.4	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=27 24				2000 Secs (2724 Secs) [==>2724.0 Secs ]	[3]

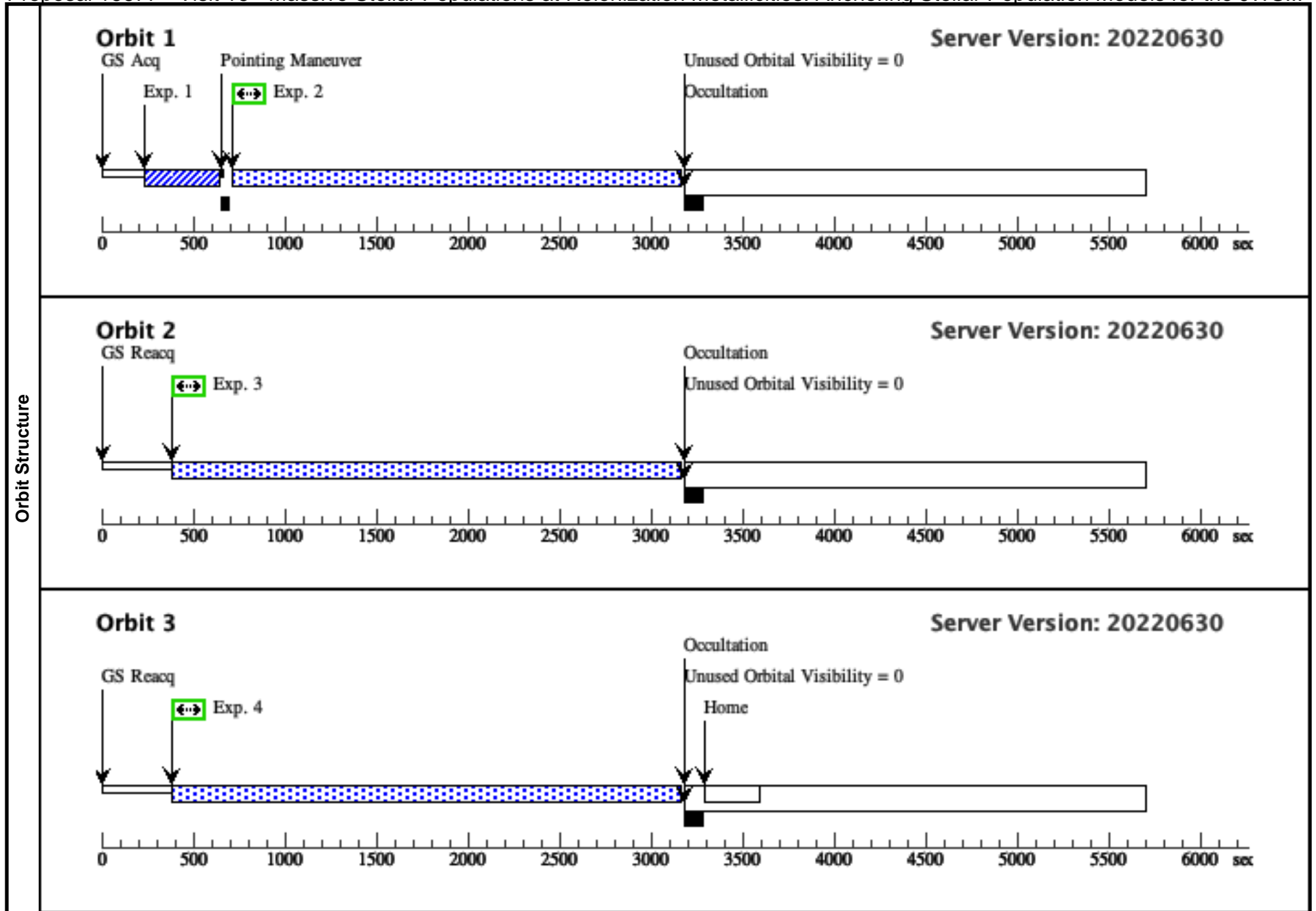


<b>Visit</b>	<p><b>Proposal 16677, Visit 16, completed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>																						
	<p>(Exposure 2 (Visit 16)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 16)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 16)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 16)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 16)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 16)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 16)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 16)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 16)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 16)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 16)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 16)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 16)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 16)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 16)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 16)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 16)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 16)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 16)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 16)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 16)) Error (Form): YES is not a valid selection</p> <p>(Visit 16) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>																						
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	Alt Name1: J171236	Equinox: J2000																					
	<p><i>Comments:</i>  <i>Category=GALAXY</i>  <i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i>  <i>Extended=NO</i></p>																						



Proposal 16677 - Visit 16 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

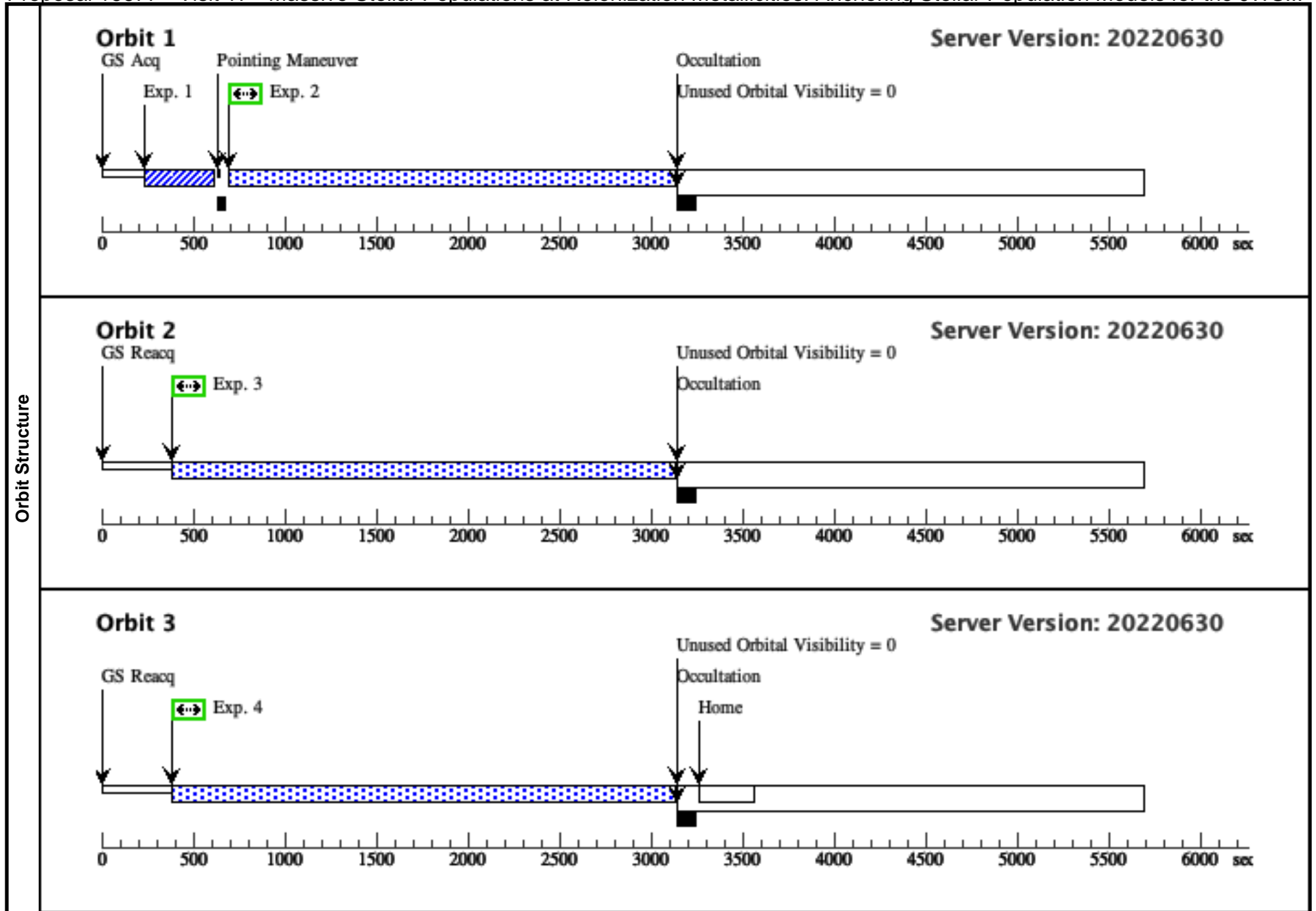
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5690)	(8) SDSSJ171236.63 +321633.4	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					96 Secs (96 Secs) [==>]	[1]
	2	(COS.sp.152 5691)	(8) SDSSJ171236.63 +321633.4	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=22 30				2000 Secs (2230 Secs) [==>2230.0 Secs ]	[1]
	3	(COS.sp.152 5691)	(8) SDSSJ171236.63 +321633.4	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=27 24				2000 Secs (2724 Secs) [==>2724.0 Secs ]	[2]
	4	(COS.sp.152 5691)	(8) SDSSJ171236.63 +321633.4	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=4; BUFFER-TIME=27 24				2000 Secs (2724 Secs) [==>2724.0 Secs ]	[3]



<b>Visit</b>	<p><b>Proposal 16677, Visit 17, completed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>						
	<b>Diagnostics</b>	<p>(Exposure 2 (Visit 17)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 17)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 17)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 17)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 17)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 17)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 17)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 17)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 17)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 17)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 17)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 17)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 17)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 17)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 17)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 17)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 17)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 17)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 17)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 17)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 17)) Error (Form): YES is not a valid selection</p> <p>(Visit 17) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>					
<b>Fixed Targets</b>		<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
		(9)	SDSSJ223831.11+140029.8 Alt Name1: J223831	RA: 22 38 31.1100 (339.6296250d) Dec: +14 00 29.83 (14.00829d) Equinox: J2000		V=18.9	Reference Frame: ICRS
<p><i>Comments:</i>  <i>Category=GALAXY</i>  <i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i>  <i>Extended=NO</i></p>							

Proposal 16677 - Visit 17 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

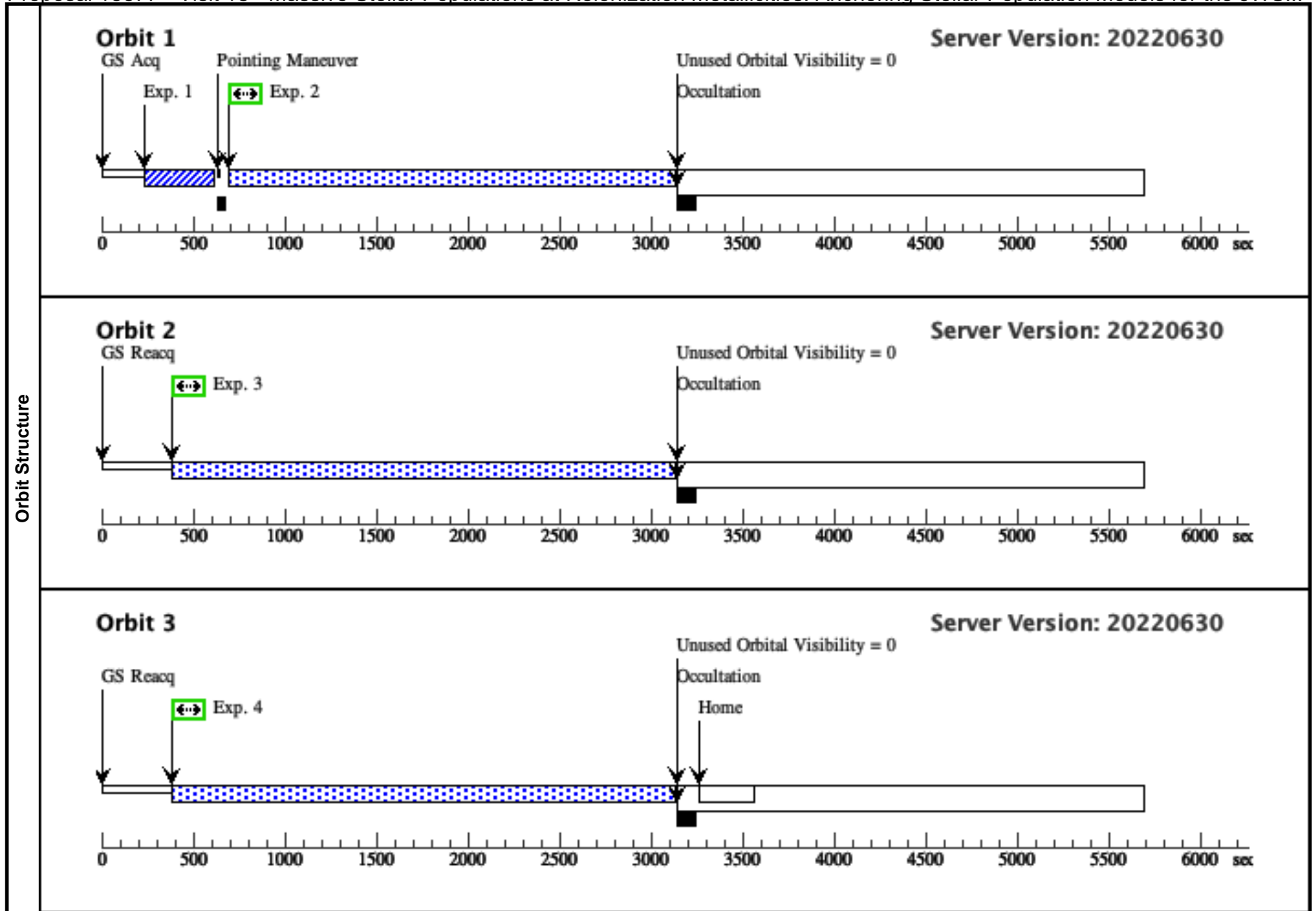
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5692)	(9) SDSSJ223831.11 +140029.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					85 Secs (85 Secs) [==>]	[1]
	2	(COS.sp.152 5693)	(9) SDSSJ223831.11 +140029.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=1; BUFFER-TIME=22 21				2000 Secs (2221 Secs) [==>2221.0 Secs ]	[1]
	3	(COS.sp.152 5693)	(9) SDSSJ223831.11 +140029.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=26 93				2000 Secs (2693 Secs) [==>2693.0 Secs ]	[2]
	4	(COS.sp.152 5693)	(9) SDSSJ223831.11 +140029.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=26 93				2000 Secs (2693 Secs) [==>2693.0 Secs ]	[3]



<b>Visit</b>	<p><b>Proposal 16677, Visit 18, failed</b></p> <p><b>Diagnostic Status: Error</b></p> <p>Scientific Instruments: COS/FUV, COS/NUV</p> <p>Special Requirements: (none)</p>						
	<b>Diagnostics</b>	<p>(Exposure 2 (Visit 18)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 2 (Visit 18)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 2 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 2 (Visit 18)) Error (Form): YES is not a valid selection</p> <p>(Exposure 2 (Visit 18)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 18)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 3 (Visit 18)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 3 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 3 (Visit 18)) Error (Form): YES is not a valid selection</p> <p>(Exposure 3 (Visit 18)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 18)) Error (Form): Illegal selection: G160M.</p> <p>(Exposure 4 (Visit 18)) Error (Form): Illegal selection: PSA.</p> <p>(Exposure 4 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Aperture=PSA. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Optional_Parameter=FLASH=YES. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 18)) Error (Form): This attribute cannot have this value due to other choices: Spectral_Element=G160M. FLASH=NO is the only permitted value for G160M PSA exposures (implied LIFETIME-POS LP6).</p> <p>(Exposure 4 (Visit 18)) Error (Form): YES is not a valid selection</p> <p>(Exposure 4 (Visit 18)) Error (Form): YES is not a valid selection</p> <p>(Visit 18) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.</p>					
<b>Fixed Targets</b>		<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>
		(9)	SDSSJ223831.11+140029.8 Alt Name1: J223831	RA: 22 38 31.1100 (339.6296250d) Dec: +14 00 29.83 (14.00829d) Equinox: J2000		V=18.9	Reference Frame: ICRS
<p><i>Comments:</i>  <i>Category=GALAXY</i>  <i>Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION]</i>  <i>Extended=NO</i></p>							

Proposal 16677 - Visit 18 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 5692)	(9) SDSSJ223831.11 +140029.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORA					85 Secs (85 Secs)	
										[==>]	[1]
	2	(COS.sp.152 5693)	(9) SDSSJ223831.11 +140029.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=2; BUFFER-TIME=22 21				2000 Secs (2221 Secs)	
										[==>2221.0 Secs ]	[1]
3	(COS.sp.152 5693)	(9) SDSSJ223831.11 +140029.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=3; BUFFER-TIME=26 93				2000 Secs (2693 Secs)		
									[==>2693.0 Secs ]	[2]	
4	(COS.sp.152 5693)	(9) SDSSJ223831.11 +140029.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FLASH=YES; FP-POS=4; BUFFER-TIME=26 93				2000 Secs (2693 Secs)		
									[==>2693.0 Secs ]	[3]	





Proposal 16677 - Visit 55 - Massive Stellar Populations at Reionization Metallicities: Anchoring Stellar Population Models for the JWS...

Wed Oct 05 19:02:25 GMT 2022

<b>Visit</b>	<b>Proposal 16677, Visit 55, implementation</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none) <i>Comments: HOPR repeat of visit 18.</i>									
	(Visit 55) Warning (Form): For the best data quality, it is generally required to use all four FP-POS positions when observing at a given COS cenwave. See the COS Instrument Handbook for exceptions that may apply to observations with G130M/1291 or G160M.									
<b>Diagnosics</b>										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>	<b>Targ. Coord. Corrections</b>	<b>Fluxes</b>	<b>Miscellaneous</b>				
	(9)	SDSSJ223831.11+140029.8 Alt Name1: J223831	RA: 22 38 31.1100 (339.6296250d) Dec: +14 00 29.83 (14.00829d) Equinox: J2000		V=18.9	Reference Frame: ICRS				
<i>Comments:</i> Category=GALAXY Description=[DWARF COMPACT, EMISSION LINE NEBULA, STAR FORMING REGION] Extended=NO										
<b>Exposures</b>	<b>#</b>	<b>Label (ETC Run)</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	(COS.ta.152 5692)	(9) SDSSJ223831.11 +140029.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				85 Secs (85 Secs) [==>]	[1]
	2	(COS.sp.152 5693)	(9) SDSSJ223831.11 +140029.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FP-POS=3; BUFFER-TIME=22 21			2000 Secs (2221 Secs) [==>2221.0 Secs ]	[1]
	3	(COS.sp.152 5693)	(9) SDSSJ223831.11 +140029.8	COS/FUV, TIME-TAG, PSA	G160M 1533 A	FP-POS=4; BUFFER-TIME=26 93			2000 Secs (2693 Secs) [==>2693.0 Secs ]	[2]

