



16703 - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Cycle: 29, Proposal Category: GO

(UV Initiative)

(Availability Mode: AVAILABLE)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) VV2006-J114106.4+513237	COS/FUV COS/NUV	3	27-Apr-2022 14:00:38.0	yes

Proposal 16703 (STScI Edit Number: 1, Created: Wednesday, April 27, 2022 at 1:01:05 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>
02	(1) VV2006-J114106.4+513237	COS/FUV COS/NUV	3	27-Apr-2022 14:00:40.0	yes
03	(1) VV2006-J114106.4+513237	COS/FUV COS/NUV	2	27-Apr-2022 14:00:41.0	yes
53	(1) VV2006-J114106.4+513237	COS/FUV COS/NUV	2	27-Apr-2022 14:00:42.0	yes
04	(2) J114646.02+371511.7	COS/FUV COS/NUV	2	27-Apr-2022 14:00:43.0	yes
05	(2) J114646.02+371511.7	COS/FUV COS/NUV	2	27-Apr-2022 14:00:44.0	yes
06	(3) J13029+2412	COS/FUV COS/NUV	3	27-Apr-2022 14:00:45.0	yes
07	(3) J13029+2412	COS/FUV COS/NUV	2	27-Apr-2022 14:00:47.0	yes
08	(4) 1309+355	COS/FUV COS/NUV	2	27-Apr-2022 14:00:48.0	yes
09	(11) SDSSJ122311.29+163109.8	COS/FUV COS/NUV	3	27-Apr-2022 14:00:50.0	yes
10	(11) SDSSJ122311.29+163109.8	COS/FUV COS/NUV	2	27-Apr-2022 14:00:51.0	yes
11	(6) J140541.77+345512.3	COS/FUV COS/NUV	3	27-Apr-2022 14:00:52.0	yes
14	(6) J140541.77+345512.3	COS/FUV COS/NUV	3	27-Apr-2022 14:00:53.0	yes
13	(6) J140541.77+345512.3	COS/FUV COS/NUV	2	27-Apr-2022 14:00:54.0	yes
15	(7) J150346.94+420323.1	COS/FUV COS/NUV	3	27-Apr-2022 14:00:56.0	yes

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
20	(7) J150346.94+420323.1	COS/FUV COS/NUV	3	27-Apr-2022 14:00:57.0	yes
21	(7) J150346.94+420323.1	COS/FUV COS/NUV	3	27-Apr-2022 14:00:58.0	yes
22	(7) J150346.94+420323.1	COS/FUV COS/NUV	3	27-Apr-2022 14:00:59.0	yes
19	(7) J150346.94+420323.1	COS/FUV COS/NUV	2	27-Apr-2022 14:01:01.0	yes
23	(8) J115901.72+510630.7	COS/FUV COS/NUV	3	27-Apr-2022 14:01:02.0	yes
26	(8) J115901.72+510630.7	COS/FUV COS/NUV	3	27-Apr-2022 14:01:03.0	yes
25	(8) J115901.72+510630.7	COS/FUV COS/NUV	2	27-Apr-2022 14:01:04.0	yes

56 Total Orbits Used

ABSTRACT

We propose an HST/COS spectroscopy of 8 QSOs probing the extended major axis region of a sample of purely edge-on galaxies. Several studies probing these major axis CGM regions have shown that low-ionization absorption (Mg II) is kinematically correlated with the disk rotation, a potential signature of gas accretion fueling star formation and adding angular momentum to the disk. However, similar results for high-ionization material (O VI) show that the O VI absorption is not kinematically correlated with the disk rotation and likely traces the ambient, volume-filling hotter halo phase. Our study will be the first to simultaneously characterize the phase structure of these accreting streams via absorption from low- and intermediate-ionization species. We have a ground-based spectroscopic program underway to measure the rotation curves of all of our galaxy targets as well as spatially resolved SFRs and metallicities. We will correlate the kinematics of the detected CGM absorption in these COS data, including Si II, Si III, Si IV, C IV, and H I Ly-alpha with the galaxy rotation curves as well as the SFR/metallicities in the disk. In addition to unprecedented constraints on mid-ionization phases, our study will be the first to leverage truly edge-on galaxies in such an analysis, eliminating uncertainties associated with the galaxy inclination.

OBSERVING DESCRIPTION

Our program comprises fairly routine observations with COS of 8 QSOs. Per guidelines from STScI, we have organized our exposures in visits of 3 orbits or less. Please note that we requested and were granted approval (approved 7/21) for the following targets to be observed at LP3:

1. VV2006-J114106.4+513237
2. J13029+2412
3. 1309+355
4. J115901.72+510630.7

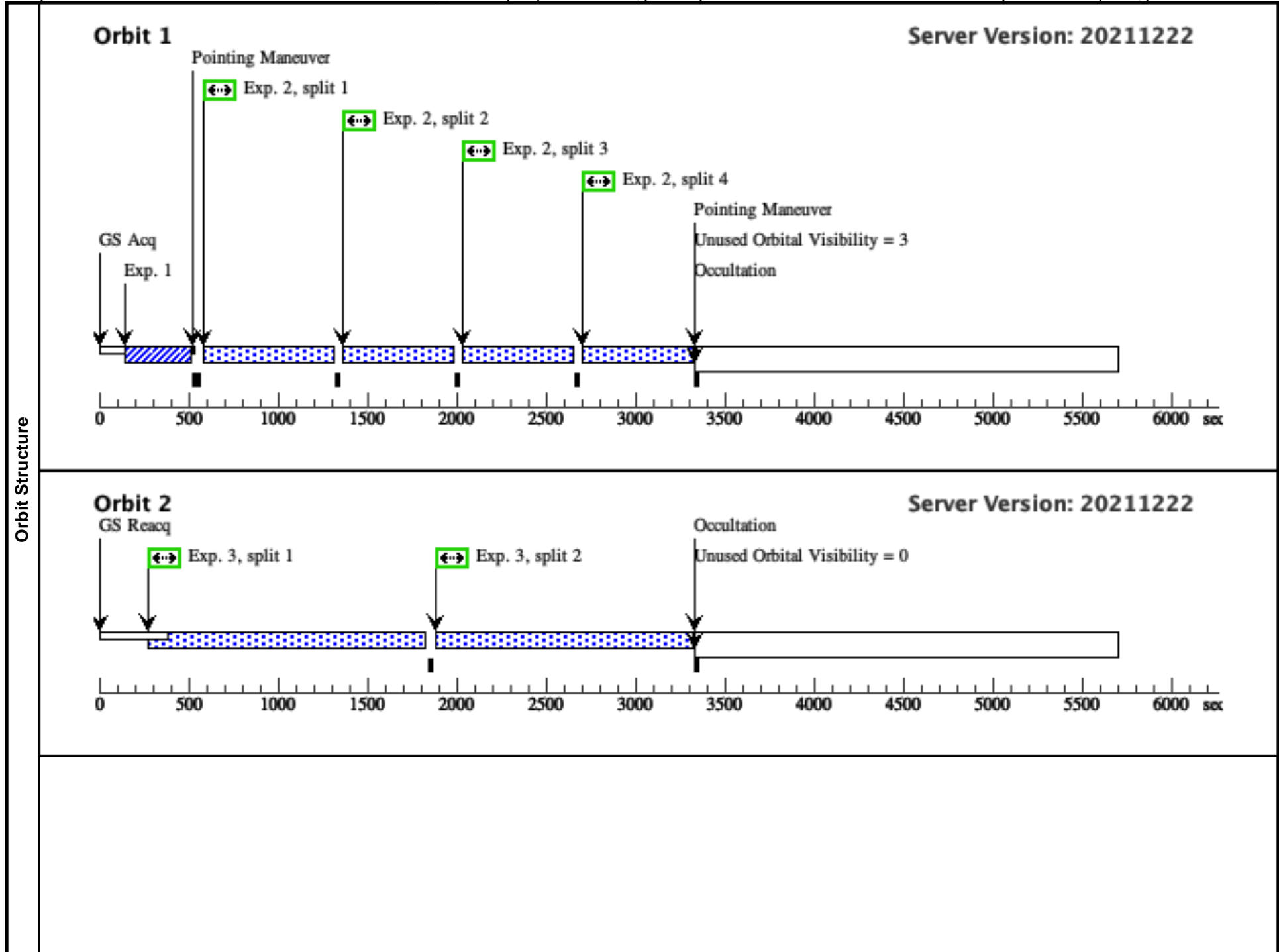
We also request that the following target is observed with G130M/1291 under LP3:

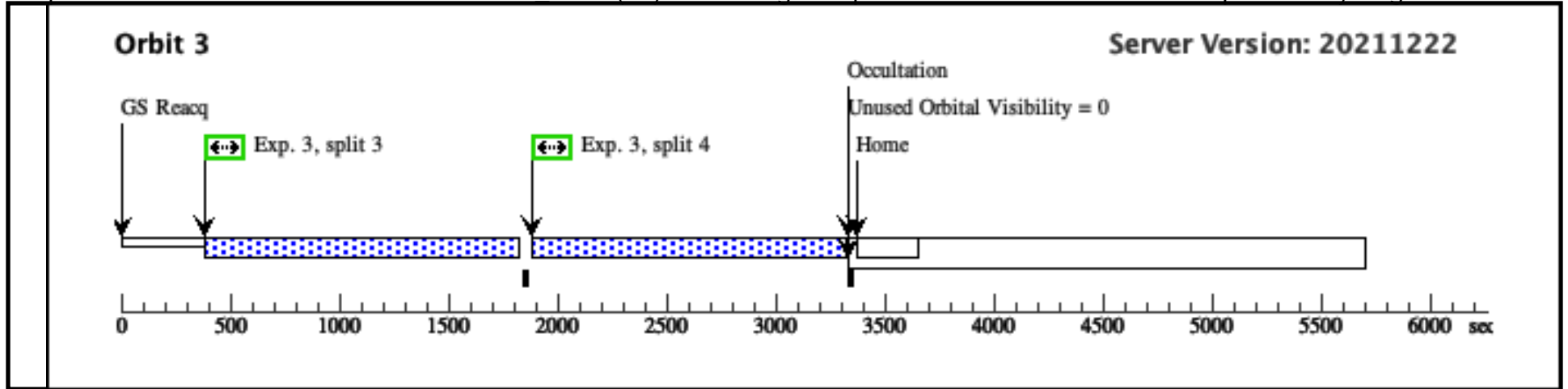
5. SDSSJ122311.29+163109.8

Proposal 16703 - VV2006-J114106.4+513237_visit1 (01) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:05 GMT 2022

Visit	Proposal 16703, VV2006-J114106.4+513237_visit1 (01), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(1)	VV2006-J114106.4+513237	RA: 11 41 6.4530 (175.2768875d) Dec: +51 32 37.66 (51.54379d) Equinox: J2000	Proper Motion RA: 1.2756272387704983E-5 sec of time/yr Proper Motion Dec: -4.4000080379191786E-5 arcsec/yr Epoch of Position: 2015.5	V=17.64 FUV = 18.76	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. This target was approved to be observed at LP3. Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC] Extended=NO									
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 3564)	(1) VV2006-J114106.4+513237	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				30 Secs (30 Secs)	
									[==>]	[1]
	2	(COS.sp.152 3898)	(1) VV2006-J114106.4+513237	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=75 27; FP-POS=ALL; LIFETIME-POS=L P3			2161 Secs (2252 Secs) [==>563.0 Secs (Split 1)] [==>563.0 Secs (Split 2)] [==>563.0 Secs (Split 3)] [==>563.0 Secs (Split 4)]	[1]
3	(COS.sp.152 4688)	(1) VV2006-J114106.4+513237	COS/FUV, TIME-TAG, PSA	G160M 1589 A	BUFFER-TIME=25 803; FP-POS=ALL; LIFETIME-POS=L P4			3827 Secs (5542 Secs) [==>1385.0 Secs (Split 1)] [==>1385.0 Secs (Split 2)] [==>1386.0 Secs (Split 3)] [==>1386.0 Secs (Split 4)]	[2] [3]	

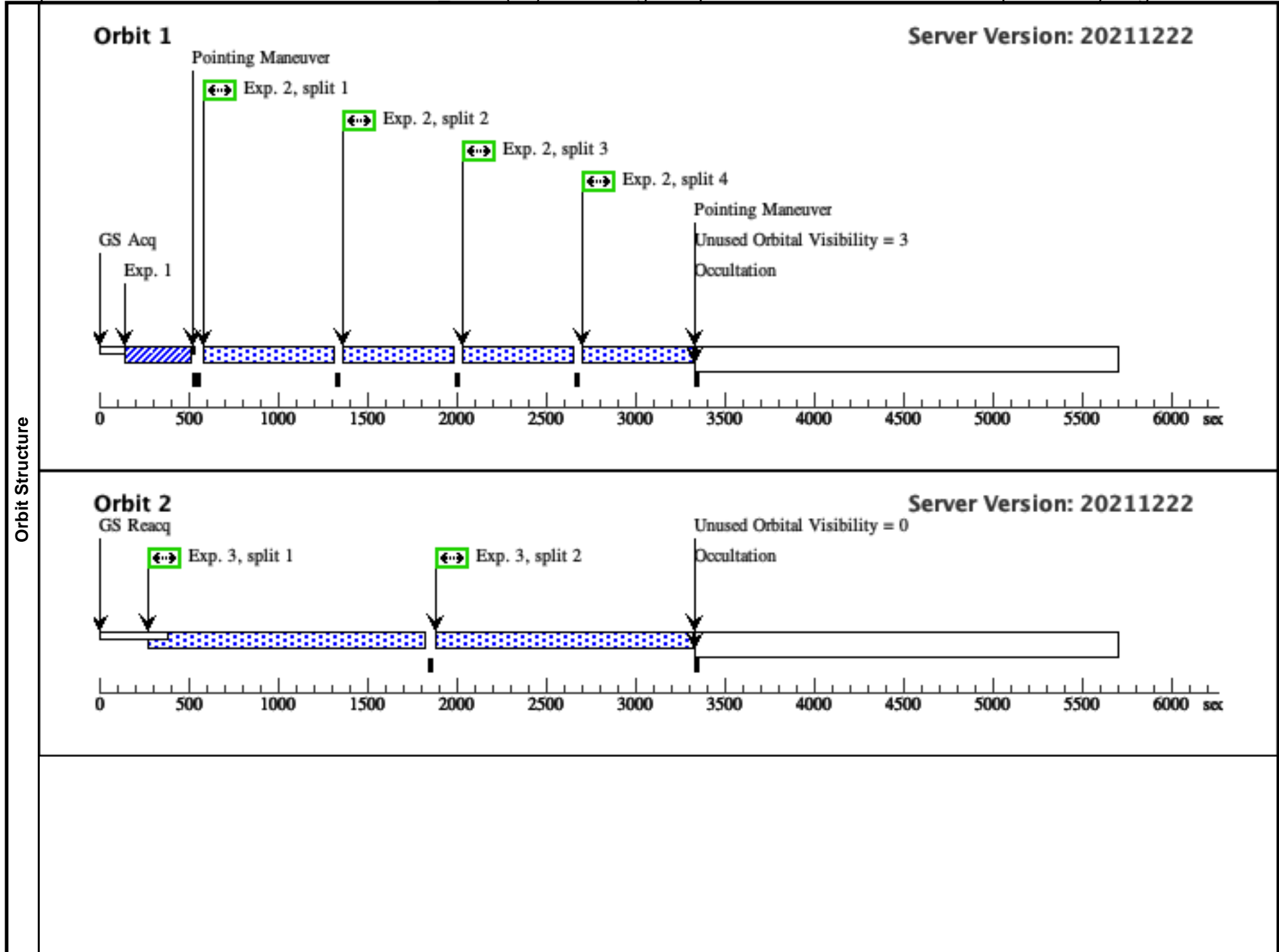


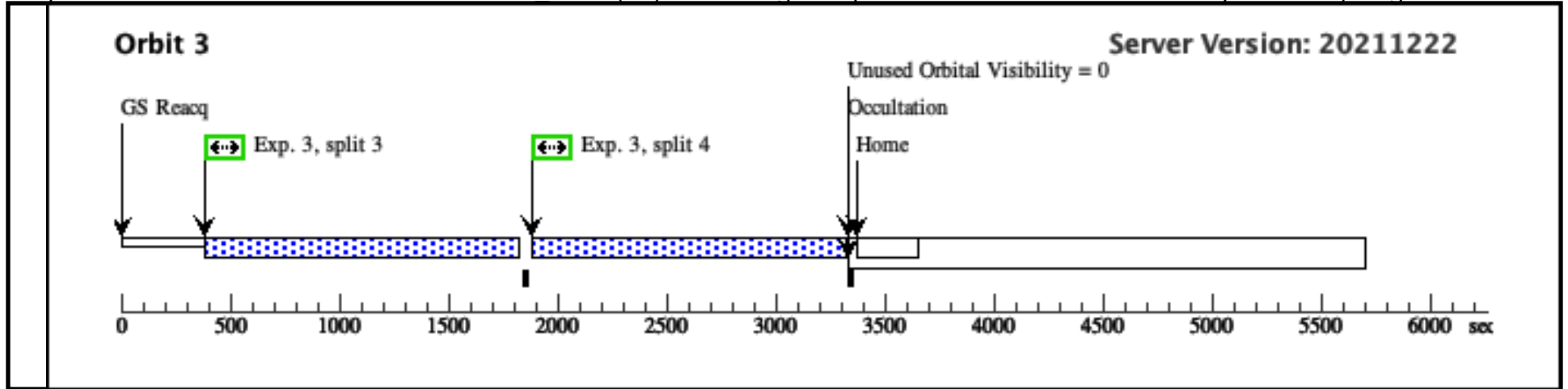


Proposal 16703 - VV2006-J114106.4+513237_visit2 (02) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:05 GMT 2022

Visit	Proposal 16703, VV2006-J114106.4+513237_visit2 (02), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
Fixed Targets	(1)	VV2006-J114106.4+513237	RA: 11 41 6.4530 (175.2768875d) Dec: +51 32 37.66 (51.54379d) Equinox: J2000	Proper Motion RA: 1.2756272387704983E-5 sec of time/yr Proper Motion Dec: -4.4000080379191786E-5 arcsec/yr Epoch of Position: 2015.5	V=17.64 FUV = 18.76	Reference Frame: ICRS				
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. This target was approved to be observed at LP3. Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC] Extended=NO									
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 3564)	(1) VV2006-J114106.4+513237	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				30 Secs (30 Secs)	
									[==>]	[1]
	2	(COS.sp.152 3898)	(1) VV2006-J114106.4+513237	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=75 27; FP-POS=ALL; LIFETIME-POS=L P3			2161 Secs (2252 Secs) [==>563.0 Secs (Split 1)] [==>563.0 Secs (Split 2)] [==>563.0 Secs (Split 3)] [==>563.0 Secs (Split 4)]	[1]
3	(COS.sp.152 4688)	(1) VV2006-J114106.4+513237	COS/FUV, TIME-TAG, PSA	G160M 1589 A	BUFFER-TIME=25 803; FP-POS=ALL; LIFETIME-POS=L P4			3827 Secs (5542 Secs) [==>1385.0 Secs (Split 1)] [==>1385.0 Secs (Split 2)] [==>1386.0 Secs (Split 3)] [==>1386.0 Secs (Split 4)]	[2] [3]	

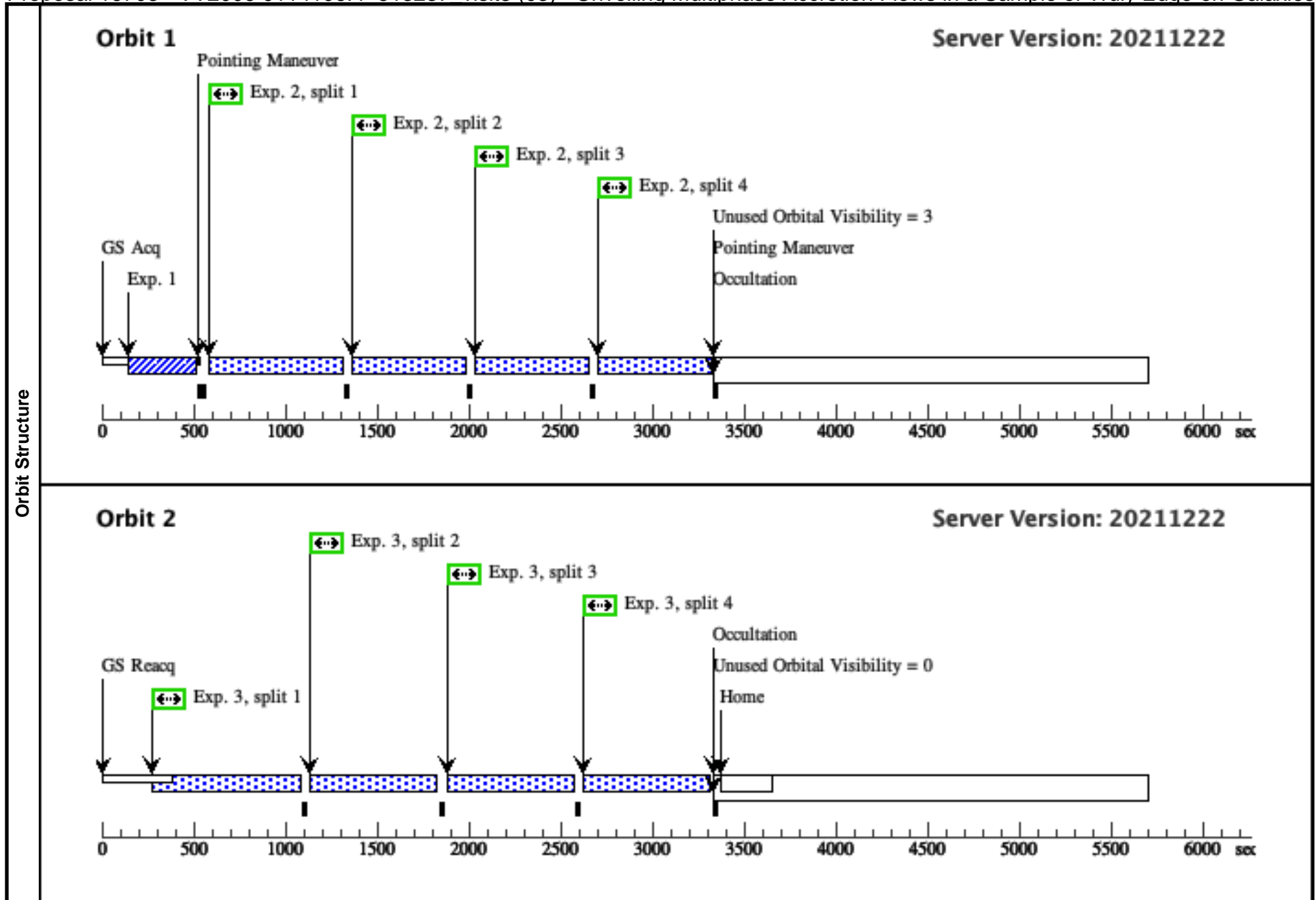




Proposal 16703 - VV2006-J114106.4+513237_visit3 (03) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:05 GMT 2022

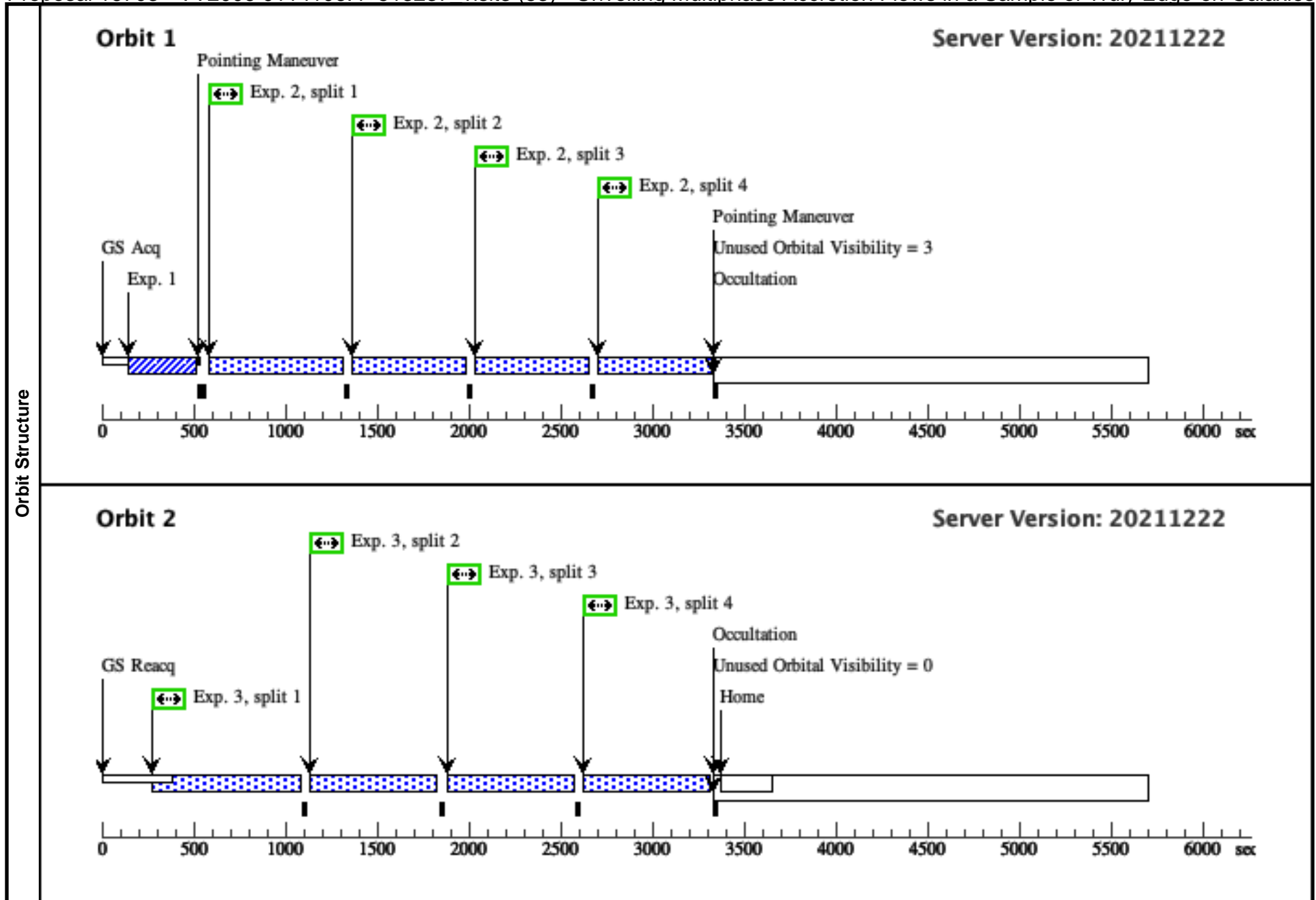
Visit	Proposal 16703, VV2006-J114106.4+513237_visit3 (03), failed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	VV2006-J114106.4+513237	RA: 11 41 6.4530 (175.2768875d) Dec: +51 32 37.66 (51.54379d) Equinox: J2000	Proper Motion RA: 1.2756272387704983E-5 sec of time/yr Proper Motion Dec: -4.4000080379191786E-5 arcsec/yr Epoch of Position: 2015.5	V=17.64 FUV = 18.76	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> This target was approved to be observed at LP3. Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC] Extended=NO									
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 3564)	(1) VV2006-J114106.4+513237	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				30 Secs (30 Secs)	
									[==>]	[1]
	2	(COS.sp.152 3898)	(1) VV2006-J114106.4+513237	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=75 27; FP-POS=ALL; LIFETIME-POS=L P3			2161 Secs (2252 Secs) [==>563 Secs (Split 1)] [==>563 Secs (Split 2)] [==>563 Secs (Split 3)] [==>563 Secs (Split 4)]	[1]
3	(COS.sp.152 4688)	(1) VV2006-J114106.4+513237	COS/FUV, TIME-TAG, PSA	G160M 1589 A	BUFFER-TIME=25 803; FP-POS=ALL; LIFETIME-POS=L P4			3827 Secs (2560 Secs) [==>640.0 Secs (Split 1)] [==>640.0 Secs (Split 2)] [==>640.0 Secs (Split 3)] [==>640.0 Secs (Split 4)]	[2]	



Proposal 16703 - VV2006-J114106.4+513237_visit3 (53) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

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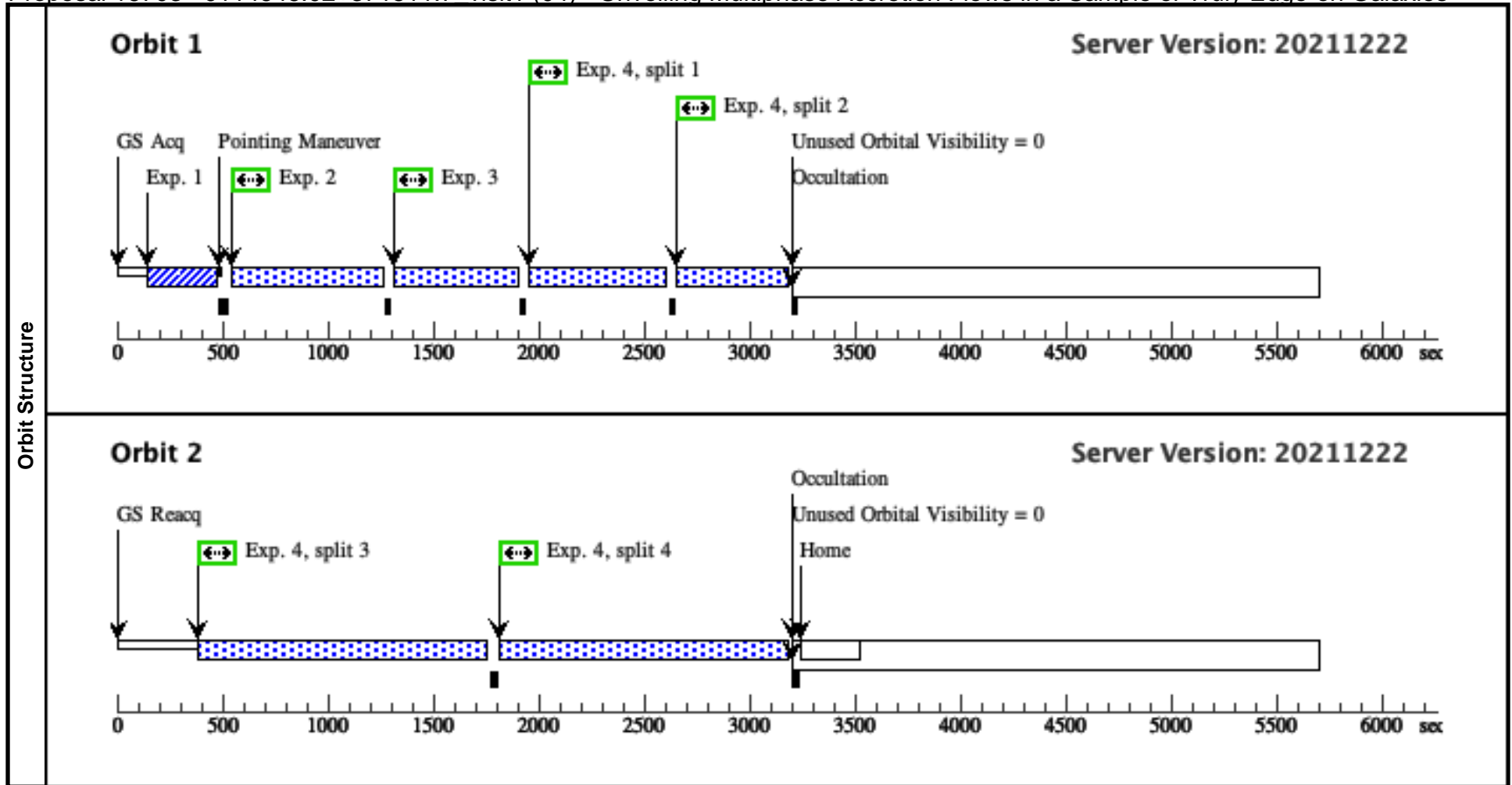
Visit	Proposal 16703, VV2006-J114106.4+513237_visit3 (53) Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(1)	VV2006-J114106.4+513237	RA: 11 41 6.4530 (175.2768875d) Dec: +51 32 37.66 (51.54379d) Equinox: J2000	Proper Motion RA: 1.2756272387704983E-5 sec of time/yr Proper Motion Dec: -4.4000080379191786E-5 arcsec/yr Epoch of Position: 2015.5	V=17.64 FUV = 18.76	Reference Frame: ICRS			
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> This target was approved to be observed at LP3. Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM - EXTRAGALACTIC] Extended=NO									
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 3564)	(1) VV2006-J114106.4+513237	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				30 Secs (30 Secs)	
									[==>]	[1]
	2	(COS.sp.152 3898)	(1) VV2006-J114106.4+513237	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=75 27; FP-POS=ALL; LIFETIME-POS=L P3			2161 Secs (2252 Secs) [==>563 Secs (Split 1)] [==>563 Secs (Split 2)] [==>563 Secs (Split 3)] [==>563 Secs (Split 4)]	[1]
3	(COS.sp.152 4688)	(1) VV2006-J114106.4+513237	COS/FUV, TIME-TAG, PSA	G160M 1589 A	BUFFER-TIME=25 803; FP-POS=ALL; LIFETIME-POS=L P4			3827 Secs (2560 Secs) [==>640.0 Secs (Split 1)] [==>640.0 Secs (Split 2)] [==>640.0 Secs (Split 3)] [==>640.0 Secs (Split 4)]	[2]	



Proposal 16703 - J114646.02+371511.7 visit1 (04) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

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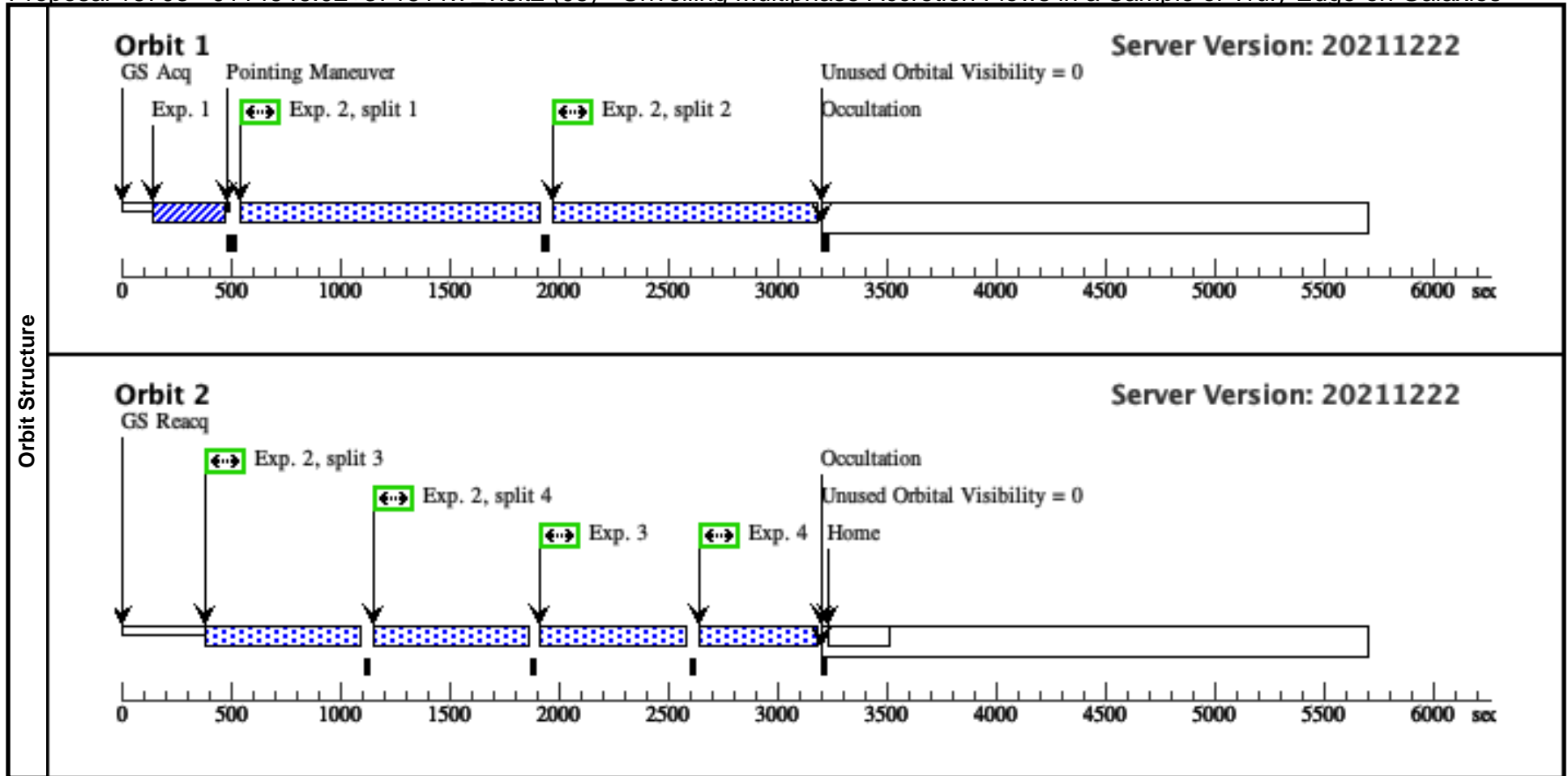
Visit	Proposal 16703, J114646.02+371511.7_visit1 (04), implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(2)	J114646.02+371511.7	RA: 11 46 46.0213 (176.6917554d) Dec: +37 15 11.71 (37.25325d) Equinox: J2000		V=16.83 FUV = 17.40	Reference Frame: ICRS			
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD] Extended=NO									
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 9205)	(2) J114646.02+371 511.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				10 Secs (10 Secs) [==>]	[1]
	2	(COS.sp.152 9254)	(2) J114646.02+371 511.7	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=1; SEGMENT=BOTH; BUFFER-TIME=76 62; LIFETIME-POS=L P4			536 Secs (536 Secs) [==>]	[1]
	3	(COS.sp.152 9232)	(2) J114646.02+371 511.7	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=2; SEGMENT=BOTH; BUFFER-TIME=76 62; LIFETIME-POS=L P4			536 Secs (536 Secs) [==>]	[1]
	4	(COS.sp.152 9254)	(2) J114646.02+371 511.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=97 38; FP-POS=ALL; LIFETIME-POS=L P4			986 Secs (3578 Secs) [==>475.0 Secs (Split 1)] [==>474.0 Secs (Split 2)] [==>1315.0 Secs (Split 3)] [==>1314.0 Secs (Split 4)]	[1] [2]



Proposal 16703 - J114646.02+371511.7 visit2 (05) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:05 GMT 2022

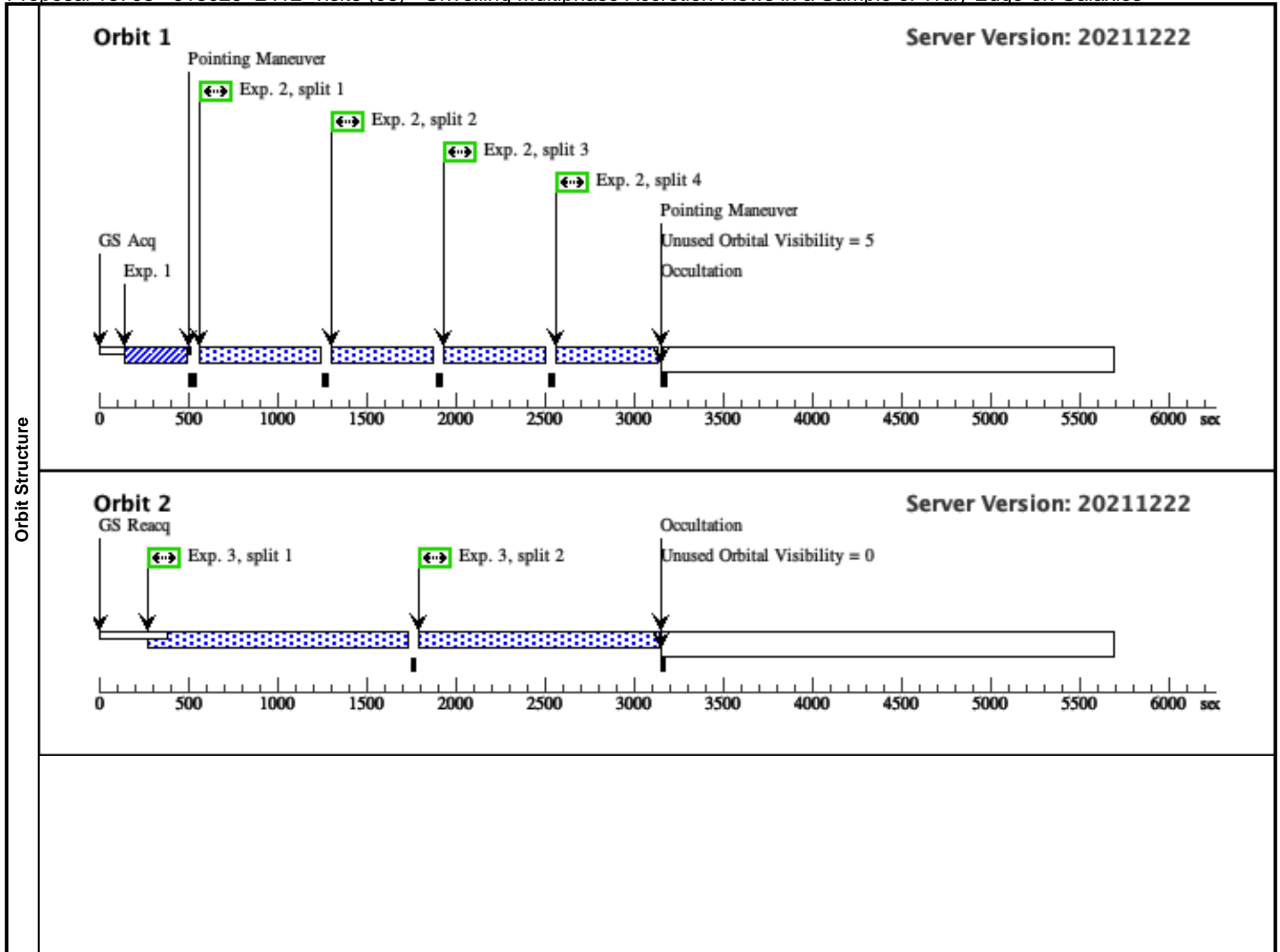
Visit	Proposal 16703, J114646.02+371511.7_visit2 (05), implementation									
	Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(2)	J114646.02+371511.7	RA: 11 46 46.0213 (176.6917554d) Dec: +37 15 11.71 (37.25325d) Equinox: J2000		V=16.83 FUV = 17.40	Reference Frame: ICRS			
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD] Extended=NO									
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 9205)	(2) J114646.02+371 511.7	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				10 Secs (10 Secs) [==>]	[1]
	2	(COS.sp.152 9254)	(2) J114646.02+371 511.7	COS/FUV, TIME-TAG, PSA	G160M 1577 A	BUFFER-TIME=97 38;	FP-POS=ALL; LIFETIME-POS=L P4		986 Secs (3634 Secs) [==>1159.0 Secs (Split 1)] [==>1160.0 Secs (Split 2)] [==>657.0 Secs (Split 3)] [==>658.0 Secs (Split 4)]	[1] [2]
	3	(COS.sp.152 9232)	(2) J114646.02+371 511.7	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; SEGMENT=BOTH; BUFFER-TIME=76 62;	LIFETIME-POS=L P4		536 Secs (492 Secs) [==>492.0 Secs]	[2]
	4	(COS.sp.152 9254)	(2) J114646.02+371 511.7	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; SEGMENT=BOTH; BUFFER-TIME=76 62;	LIFETIME-POS=L P4		536 Secs (492 Secs) [==>492.0 Secs]	[2]

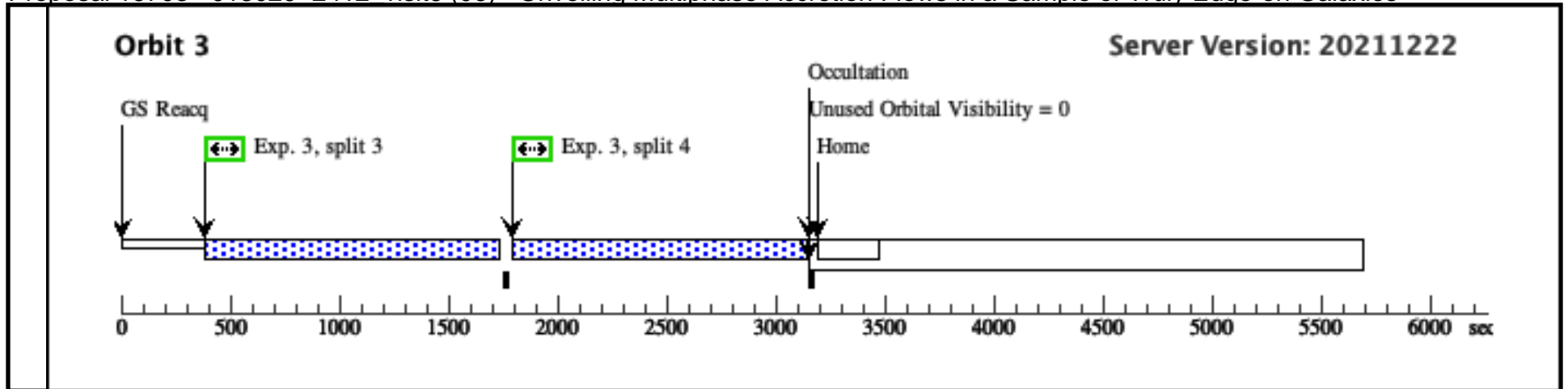


Proposal 16703 - J13029+2412 visit6 (06) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:05 GMT 2022

Visit	Proposal 16703, J13029+2412_visit6 (06), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(3)	J13029+2412	RA: 13 02 55.4480 (195.7310333d) Dec: +24 12 10.26 (24.20285d) Equinox: J2000		V=17.23 FUV = 18.08	Reference Frame: ICRS			
	<i>Comments: This target was approved to be observed at LP3.</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD] Extended=NO									
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 4679)	(3) J13029+2412	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				20 Secs (20 Secs)	
									[==>]	[1]
	2	(COS.sp.152 4691)	(3) J13029+2412	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=45 18; FP-POS=ALL; LIFETIME-POS=L P3			516 Secs (2064 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]
3	(COS.sp.152 4692)	(3) J13029+2412	COS/FUV, TIME-TAG, PSA	G160M 1589 A	BUFFER-TIME=13 628; FP-POS=ALL; LIFETIME-POS=L P4			1297 Secs (5190 Secs)		
								[==>(Split 1)] [==>(Split 2)] [==>1298 Secs (Split 3)] [==>1298 Secs (Split 4)]	[2] [3]	

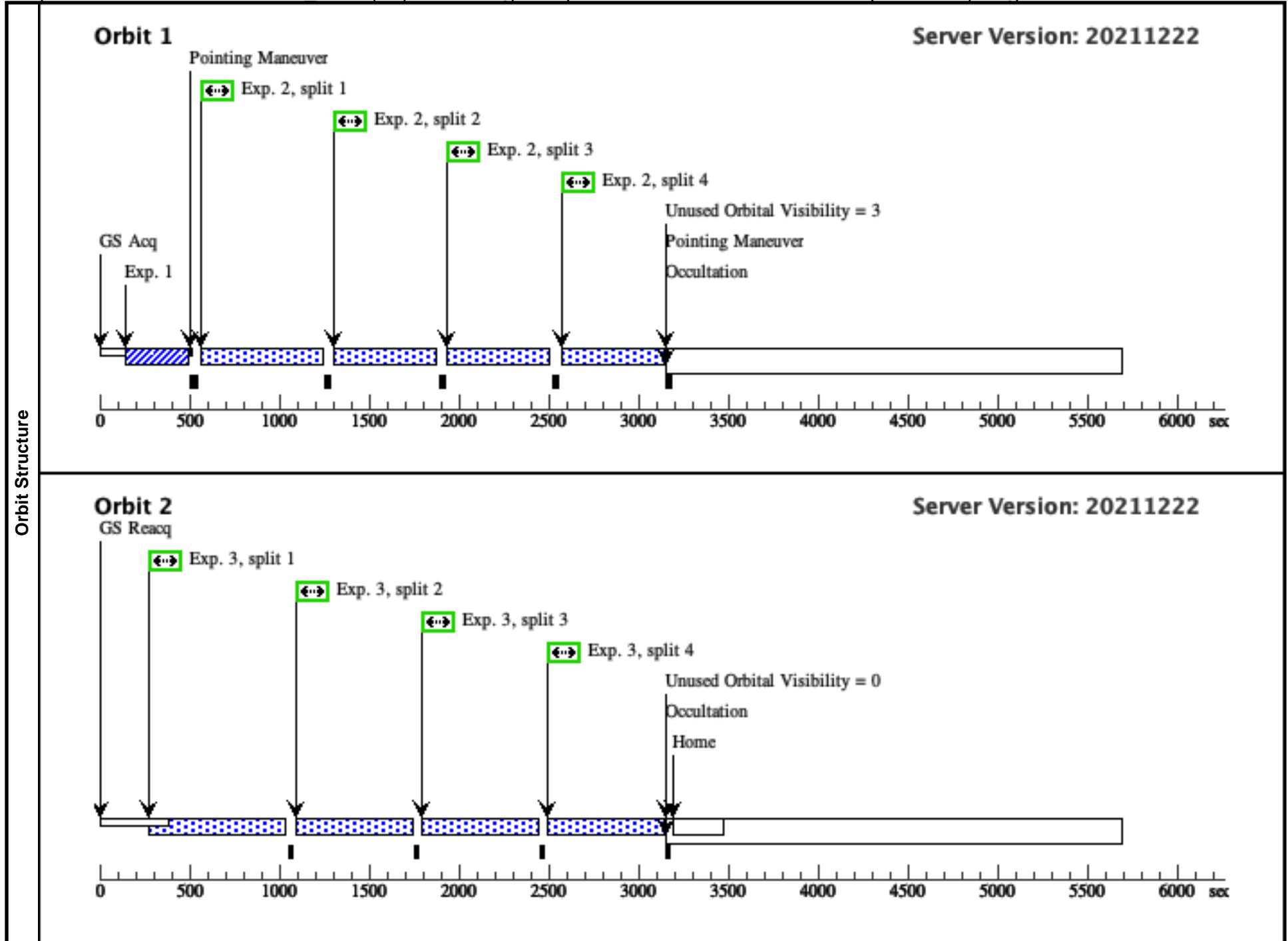




Proposal 16703 - J13029+2412 visit7 (07) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:05 GMT 2022

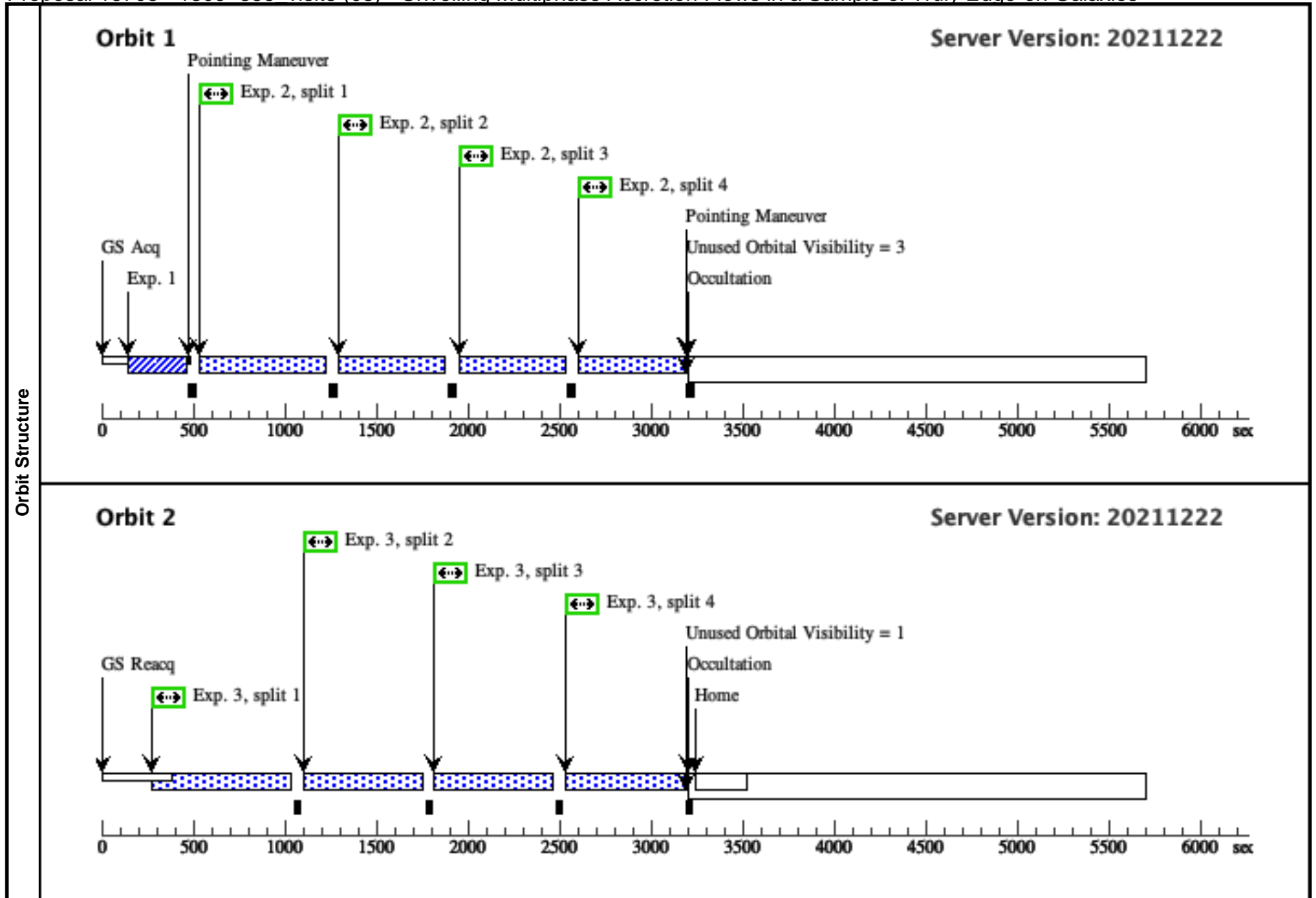
Visit	Proposal 16703, J13029+2412_visit7 (07), completed Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)																											
	Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Fluxes</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(3)</td> <td>J13029+2412</td> <td>RA: 13 02 55.4480 (195.7310333d) Dec: +24 12 10.26 (24.20285d) Equinox: J2000</td> <td></td> <td>V=17.23 FUV = 18.08</td> <td>Reference Frame: ICRS</td> </tr> <tr> <td colspan="6"> <i>Comments: This target was approved to be observed at LP3.</i> <i>Category=EXT-MEDIUM</i> <i>Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD]</i> <i>Extended=NO</i> </td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous	(3)	J13029+2412	RA: 13 02 55.4480 (195.7310333d) Dec: +24 12 10.26 (24.20285d) Equinox: J2000		V=17.23 FUV = 18.08	Reference Frame: ICRS	<i>Comments: This target was approved to be observed at LP3.</i> <i>Category=EXT-MEDIUM</i> <i>Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD]</i> <i>Extended=NO</i>				
#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous																							
(3)	J13029+2412	RA: 13 02 55.4480 (195.7310333d) Dec: +24 12 10.26 (24.20285d) Equinox: J2000		V=17.23 FUV = 18.08	Reference Frame: ICRS																							
<i>Comments: This target was approved to be observed at LP3.</i> <i>Category=EXT-MEDIUM</i> <i>Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD]</i> <i>Extended=NO</i>																												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit																		
	1	(COS.ta.152 4679)	(3) J13029+2412	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				20 Secs (20 Secs) [==>]	[1]																		
	2	(COS.sp.152 4691)	(3) J13029+2412	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=45 18; FP-POS=ALL; LIFETIME-POS=L P3			516 Secs (2066 Secs) [==>(Split 1)] [==>(Split 2)] [==>517 Secs (Split 3)] [==>517 Secs (Split 4)]	[1]																		
	3	(COS.sp.152 4692)	(3) J13029+2412	COS/FUV, TIME-TAG, PSA	G160M 1589 A	BUFFER-TIME=13 628; FP-POS=ALL; LIFETIME-POS=L P4			596 Secs (2384 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]																		



Proposal 16703 - 1309+355_visit8 (08) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:05 GMT 2022

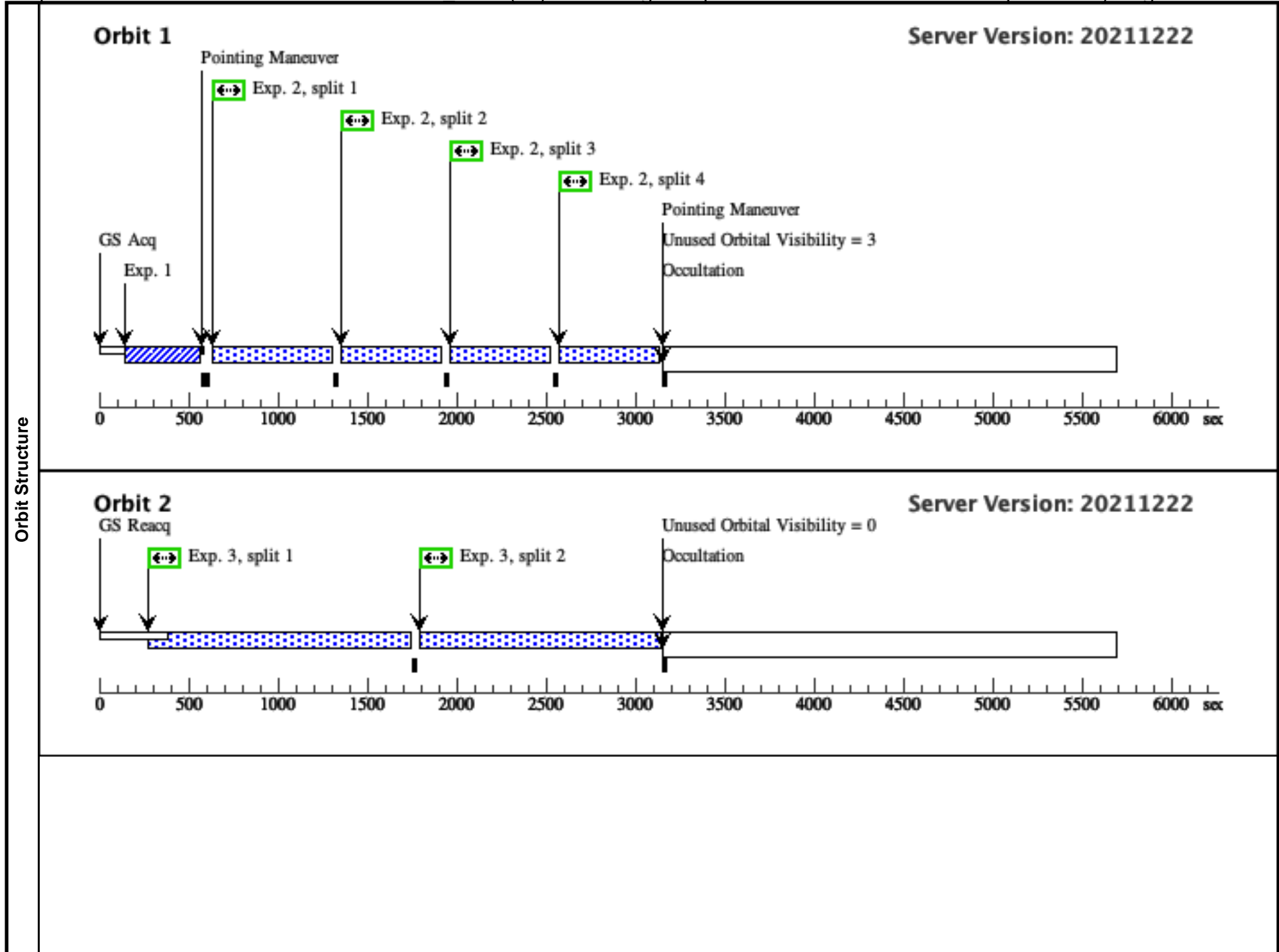
Visit	Proposal 16703, 1309+355_visit8 (08), implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)										
	Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Fluxes Miscellaneous (4) 1309+355 RA: 13 12 17.7503 (198.0739596d) Dec: +35 15 21.05 (35.25585d) Equinox: J2000 <i>Comments: This target was approved to be observed at LP3.</i> <i>Category=EXT-MEDIUM</i> <i>Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD]</i> <i>Extended=NO</i>									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.ta.152 (4) 4680)	1309+355	COS/NUV, ACQ/IMAGE, PSA	MIRRORB					5 Secs (5 Secs) [==>]	[1]
	2	(COS.sp.152 (4) 4693)	1309+355	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=23 02; FP-POS=ALL; LIFETIME-POS=L P3			528 Secs (2112 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
	3	(COS.sp.152 (4) 4694)	1309+355	COS/FUV, TIME-TAG, PSA	G160M 1589 A	BUFFER-TIME=48 25; FP-POS=ALL; LIFETIME-POS=L P4			599 Secs (2396 Secs) [==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[2]	

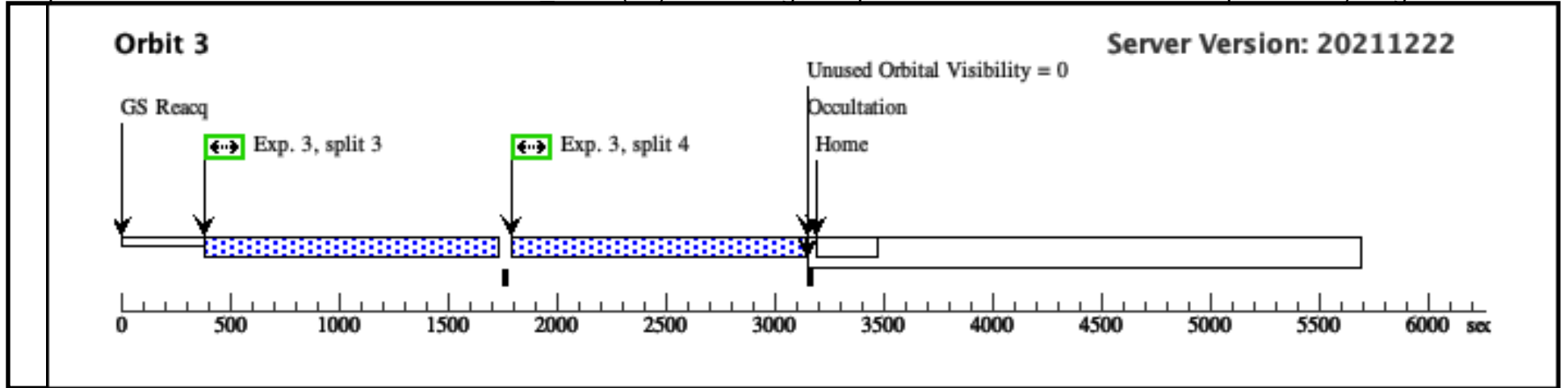


Proposal 16703 - SDSSJ122311.29+163109.8 visit1 (09) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxi...

Wed Apr 27 18:01:05 GMT 2022

Visit	Proposal 16703, SDSSJ122311.29+163109.8_visit1 (09), implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(11)	SDSSJ122311.29+163109.8	RA: 12 23 11.2951 (185.7970629d) Dec: +16 31 9.80 (16.51939d) Equinox: J2000	Proper Motion RA: -2.7397539351424727E-5 sec of time/yr Proper Motion Dec: 1.5900000000000002E-4 arcsec/yr Epoch of Position: 2015.5	V=18.55 FUV = 19.19	Reference Frame: ICRS			
	<i>Comments: We request that this target is observed under LP3 for our G130M/1291 observations. As with the other targets for which we have requested this mode, the redshift of our target galaxy places the key spectral lines (H I Ly-alpha and CIV) at wavelengths that simply are not covered by other modes and/or without having the Segment B active.</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, FILAMENT] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.153 0628)	(11) SDSSJ122311.2 9+163109.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				55 Secs (55 Secs)	
									[==>]	[1]
	2	(COS.sp.153 0630)	(11) SDSSJ122311.2 9+163109.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=53 01; FP-POS=ALL; LIFETIME-POS=L P3			506 Secs (2025 Secs)	
									[==>(Split 1)] [==>(Split 2)] [==>(Split 3)] [==>507.0 Secs (Split 4)]	[1]
3	(COS.sp.153 0629)	(11) SDSSJ122311.2 9+163109.8	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=18 892; FP-POS=ALL; LIFETIME-POS=L P4			1296 Secs (5188 Secs)		
								[==>1297.0 Secs (Split 1)] [==>(Split 2)] [==>1297.0 Secs (Split 3)] [==>1298.0 Secs (Split 4)]	[2] [3]	

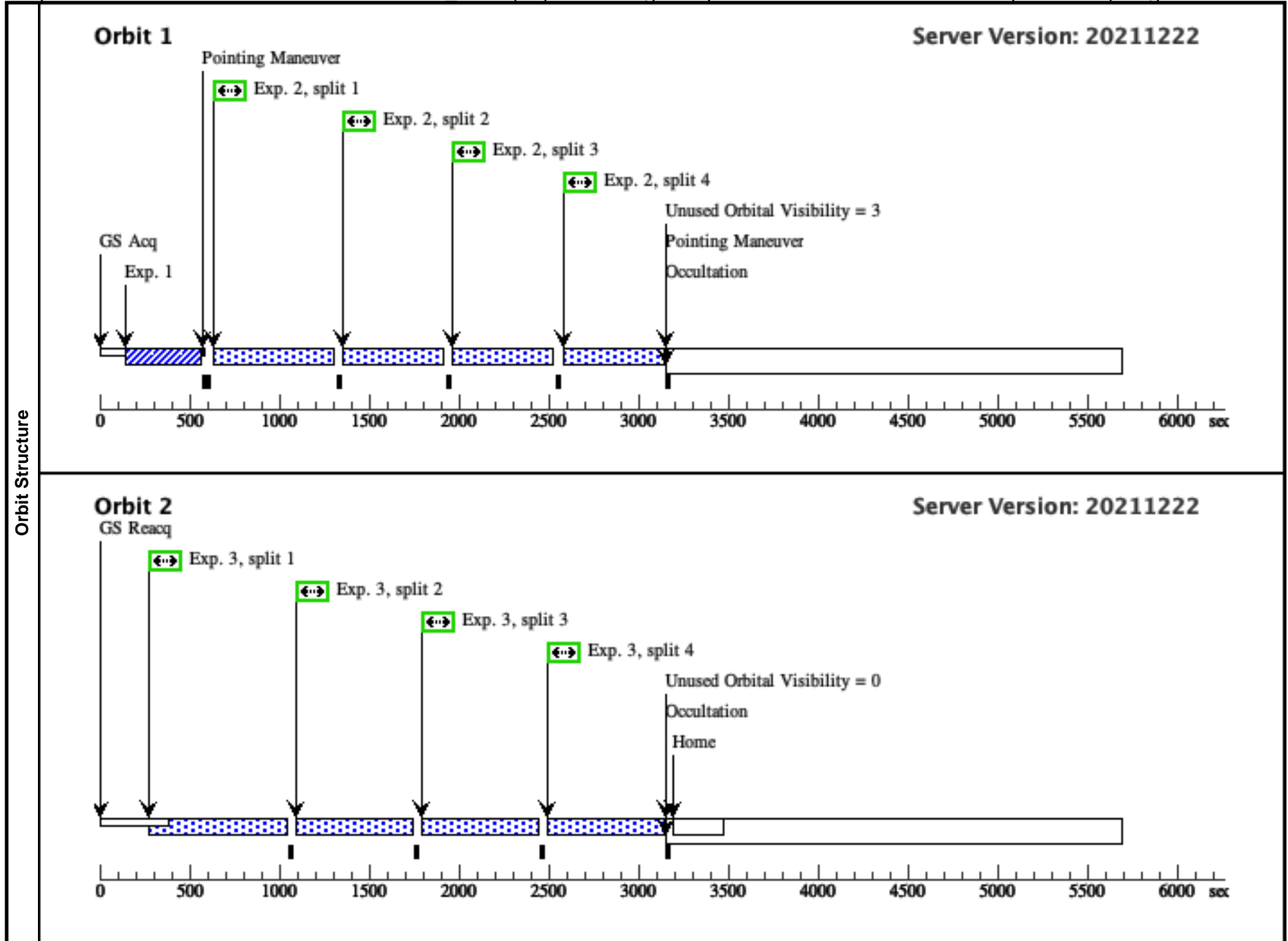




Proposal 16703 - SDSSJ122311.29+163109.8 visit2 (10) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxi...

Wed Apr 27 18:01:06 GMT 2022

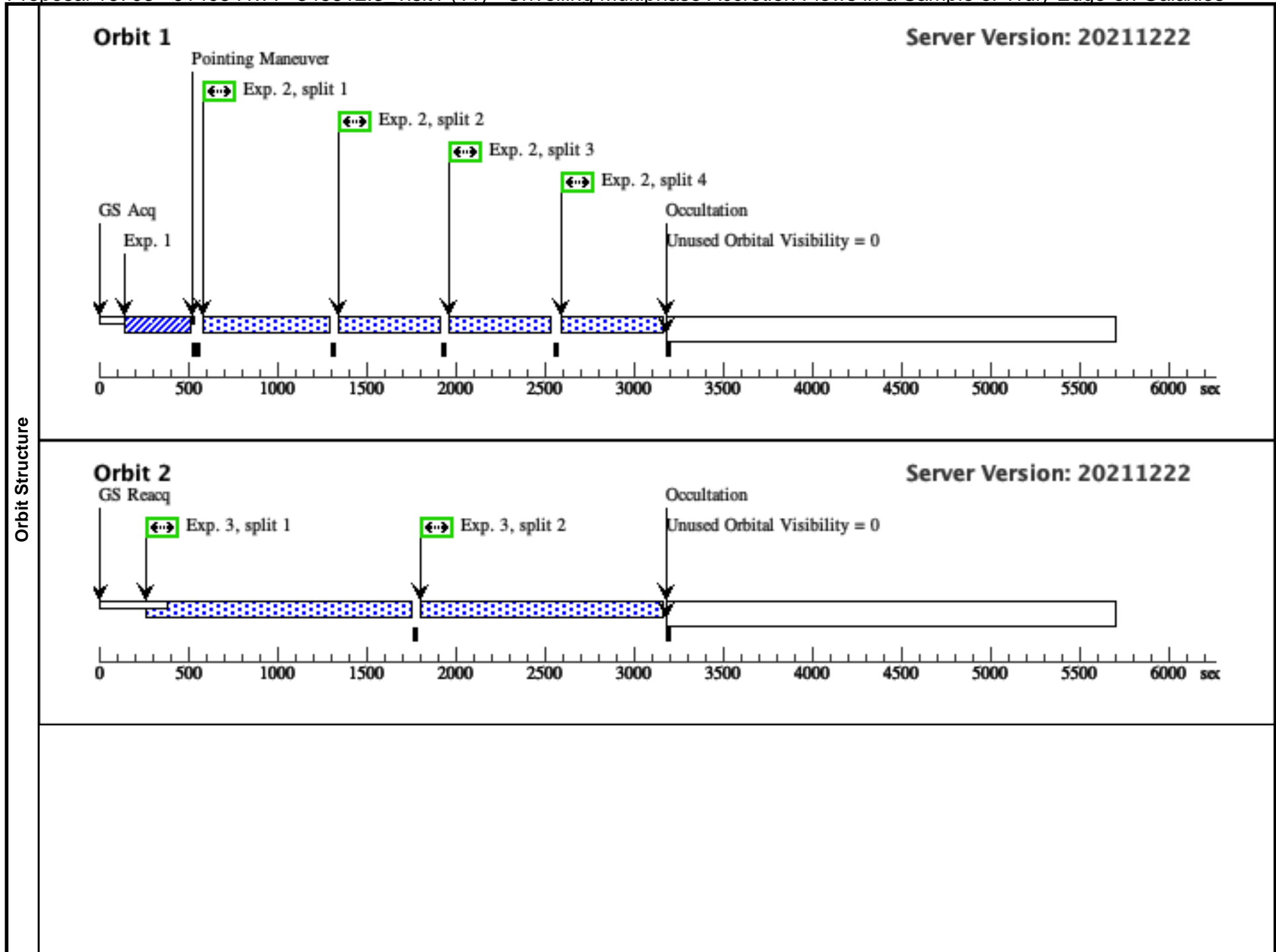
Visit	Proposal 16703, SDSSJ122311.29+163109.8_visit2 (10), implementation									
	Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(11)	SDSSJ122311.29+163109.8	RA: 12 23 11.2951 (185.7970629d) Dec: +16 31 9.80 (16.51939d) Equinox: J2000	Proper Motion RA: -2.7397539351424727E-5 sec of time/yr Proper Motion Dec: 1.5900000000000002E-4 arcsec/yr Epoch of Position: 2015.5	V=18.55 FUV = 19.19	Reference Frame: ICRS				
<i>Comments: We request that this target is observed under LP3 for our G130M/1291 observations. As with the other targets for which we have requested this mode, the redshift of our target galaxy places the key spectral lines (H I Ly-alpha and CIV) at wavelengths that simply are not covered by other modes and/or without having the Segment B active.</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, FILAMENT] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.ta.153 0628)	(11) SDSSJ122311.2 9+163109.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				55 Secs (55 Secs)	
									[==>]	[1]
	2	(COS.sp.153 0630)	(11) SDSSJ122311.2 9+163109.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=53 01; FP-POS=ALL; LIFETIME-POS=L P3			506 Secs (2025 Secs)	
								[==>507.0 Secs (Split 1)] [==>(Split 2)] [==>(Split 3)] [==>(Split 4)]	[1]	
3	(COS.sp.153 0629)	(11) SDSSJ122311.2 9+163109.8	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=18 892; FP-POS=ALL; LIFETIME-POS=L P4			595 Secs (2383 Secs)		
								[==>596.0 Secs (Split 1)] [==>596.0 Secs (Split 2)] [==>596.0 Secs (Split 3)] [==>(Split 4)]	[2]	

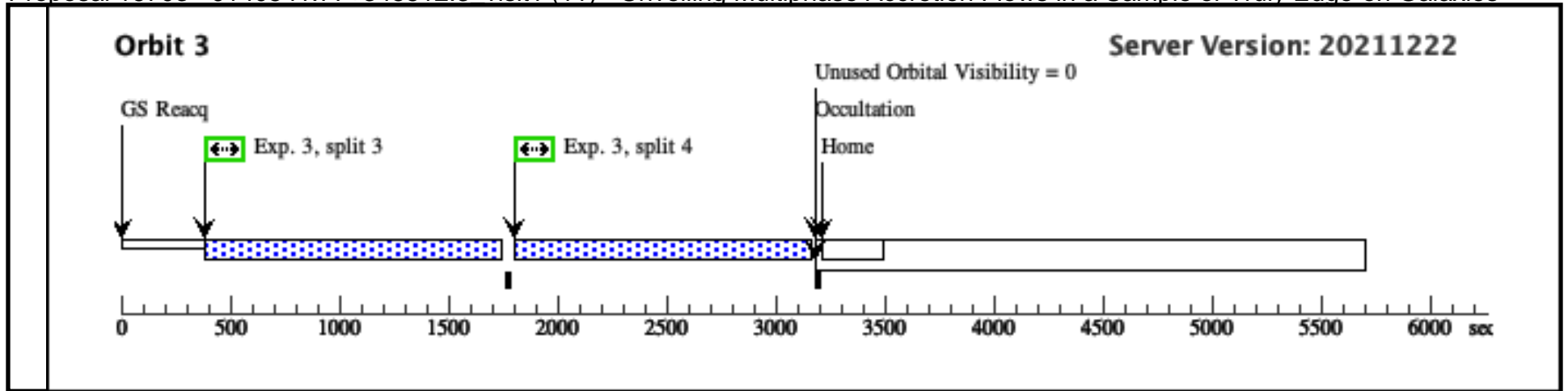


Proposal 16703 - J140541.77+345512.3 visit1 (11) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:06 GMT 2022

Visit	Proposal 16703, J140541.77+345512.3_visit1 (11), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(6)	J140541.77+345512.3	RA: 14 05 41.7787 (211.4240779d) Dec: +34 55 12.33 (34.92009d) Equinox: J2000		V=17.63 FUV = 18.58	Reference Frame: ICRS			
	Comments: Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.im.15 25847)	(6)J140541.77+345 512.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				30 Secs (30 Secs)	
									[==>]	[1]
	2	(COS.sp.152 5848)	(6)J140541.77+345 512.3	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=ALL; LIFETIME-POS=L P4			522 Secs (2085 Secs)	
									[==>(Split 1)] [==>521.0 Secs (Split 2)] [==>521.0 Secs (Split 3)] [==>521.0 Secs (Split 4)]	[1]
3	(COS.sp.152 5853)	(6)J140541.77+345 512.3	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=13 517; FP-POS=ALL; LIFETIME-POS=L P4			1308 Secs (5236 Secs)		
								[==>(Split 1)] [==>1309.0 Secs (Split 2)]	[2]	
								[==>(Split 3)] [==>1311.0 Secs (Split 4)]	[3]	

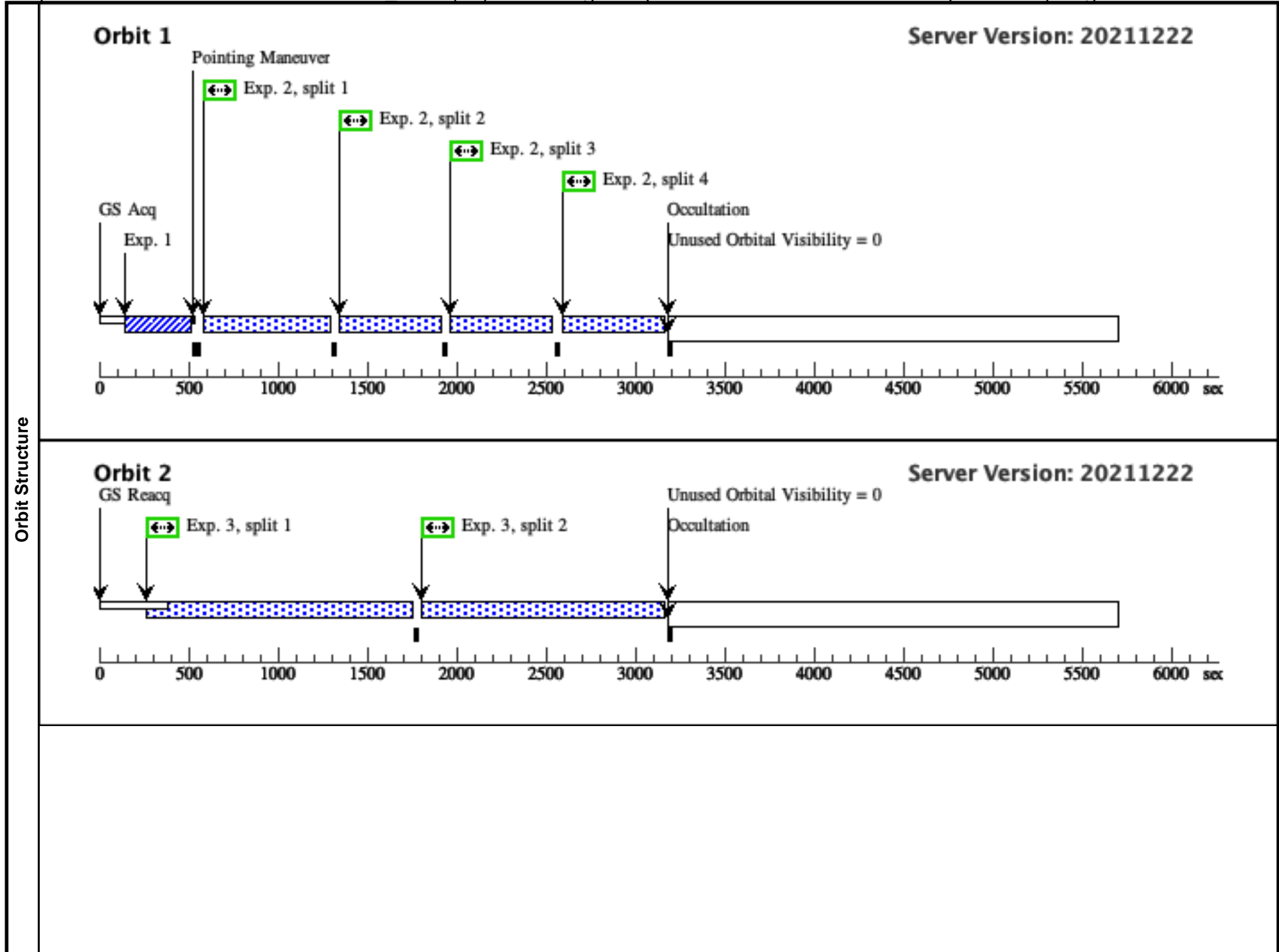


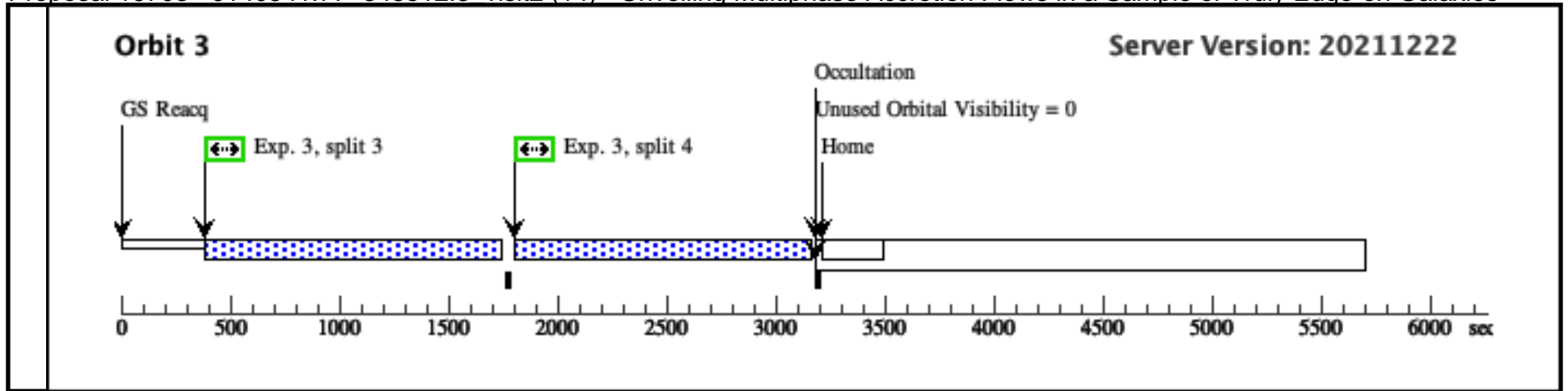


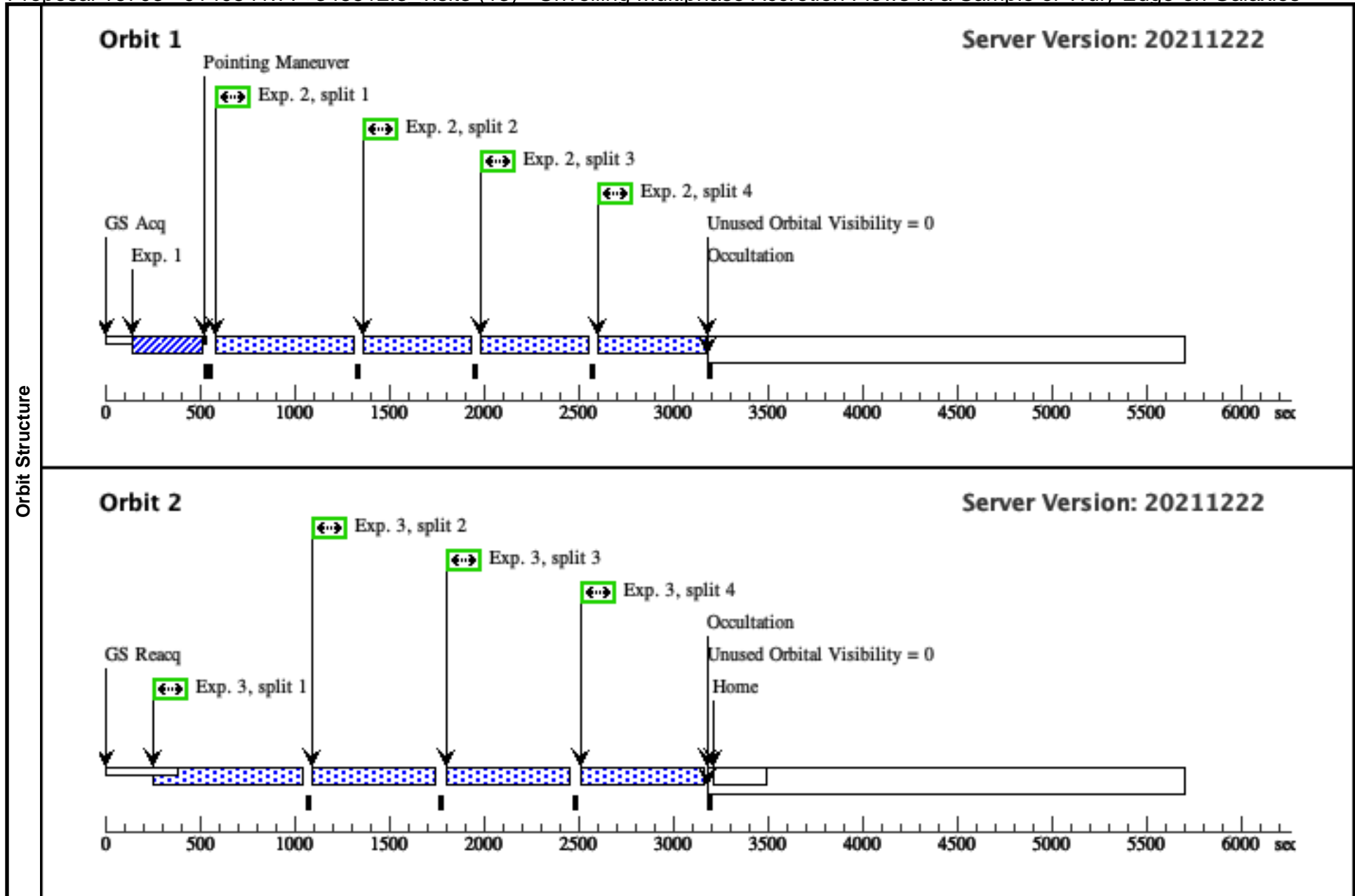
Proposal 16703 - J140541.77+345512.3 visit2 (14) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:06 GMT 2022

Visit	Proposal 16703, J140541.77+345512.3_visit2 (14), scheduling Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(6)	J140541.77+345512.3	RA: 14 05 41.7787 (211.4240779d) Dec: +34 55 12.33 (34.92009d) Equinox: J2000		V=17.63 FUV = 18.58	Reference Frame: ICRS			
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.im.15 25847)	(6)J140541.77+345 512.3	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				30 Secs (30 Secs)	
									[==>]	[1]
	2	(COS.sp.152 5848)	(6)J140541.77+345 512.3	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=ALL; LIFETIME-POS=L P4			522 Secs (2085 Secs)	
									[==>(Split 1)] [==>521.0 Secs (Split 2)] [==>521.0 Secs (Split 3)] [==>521.0 Secs (Split 4)]	[1]
3	(COS.sp.152 5853)	(6)J140541.77+345 512.3	COS/FUV, TIME-TAG, PSA	G160M 1600 A	BUFFER-TIME=13 517; FP-POS=ALL; LIFETIME-POS=L P4			1308 Secs (5236 Secs)		
								[==>(Split 1)] [==>1309.0 Secs (Split 2)] [==>(Split 3)] [==>1311.0 Secs (Split 4)]	[2] [3]	



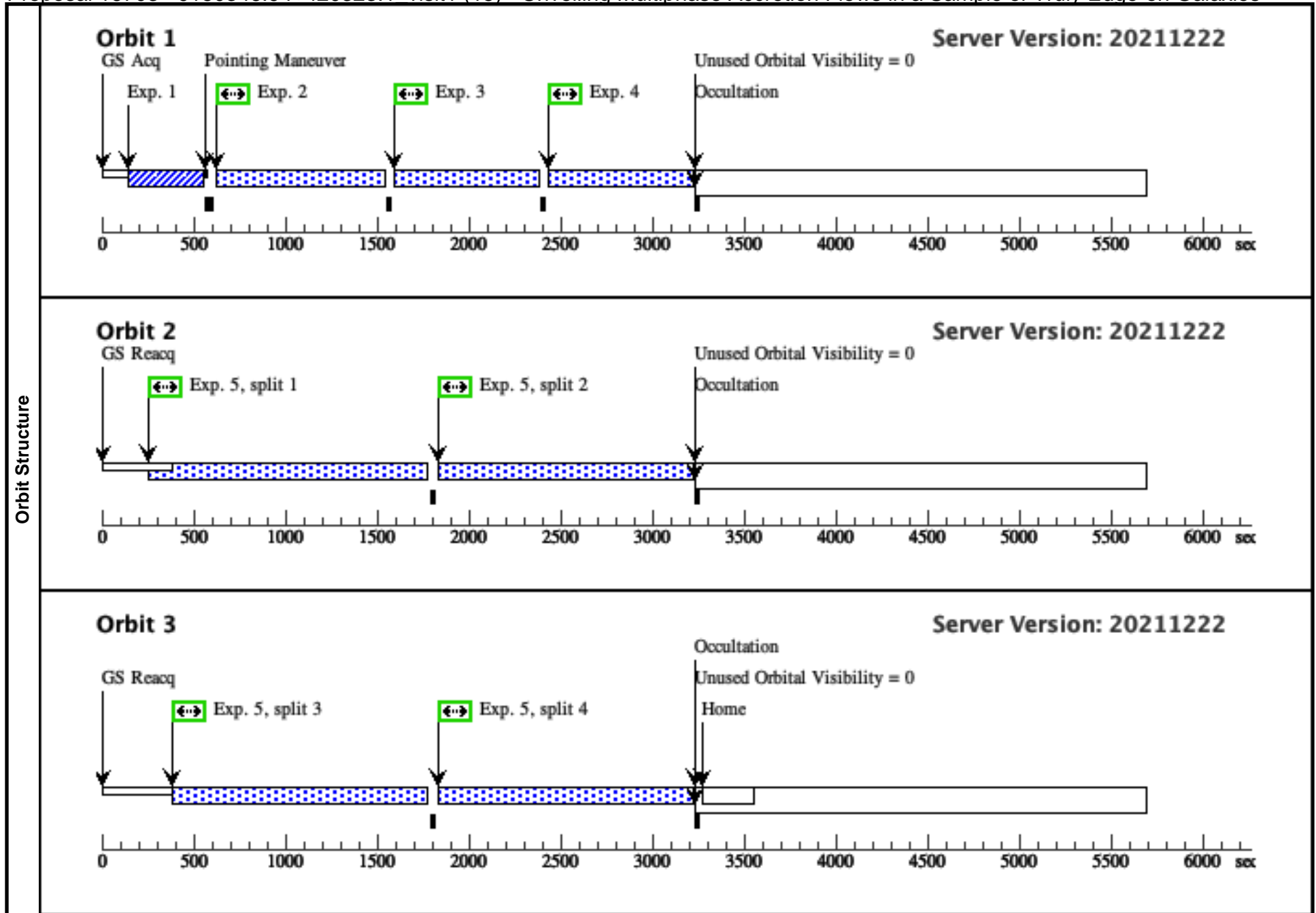




Proposal 16703 - J150346.94+420323.1 visit1 (15) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:06 GMT 2022

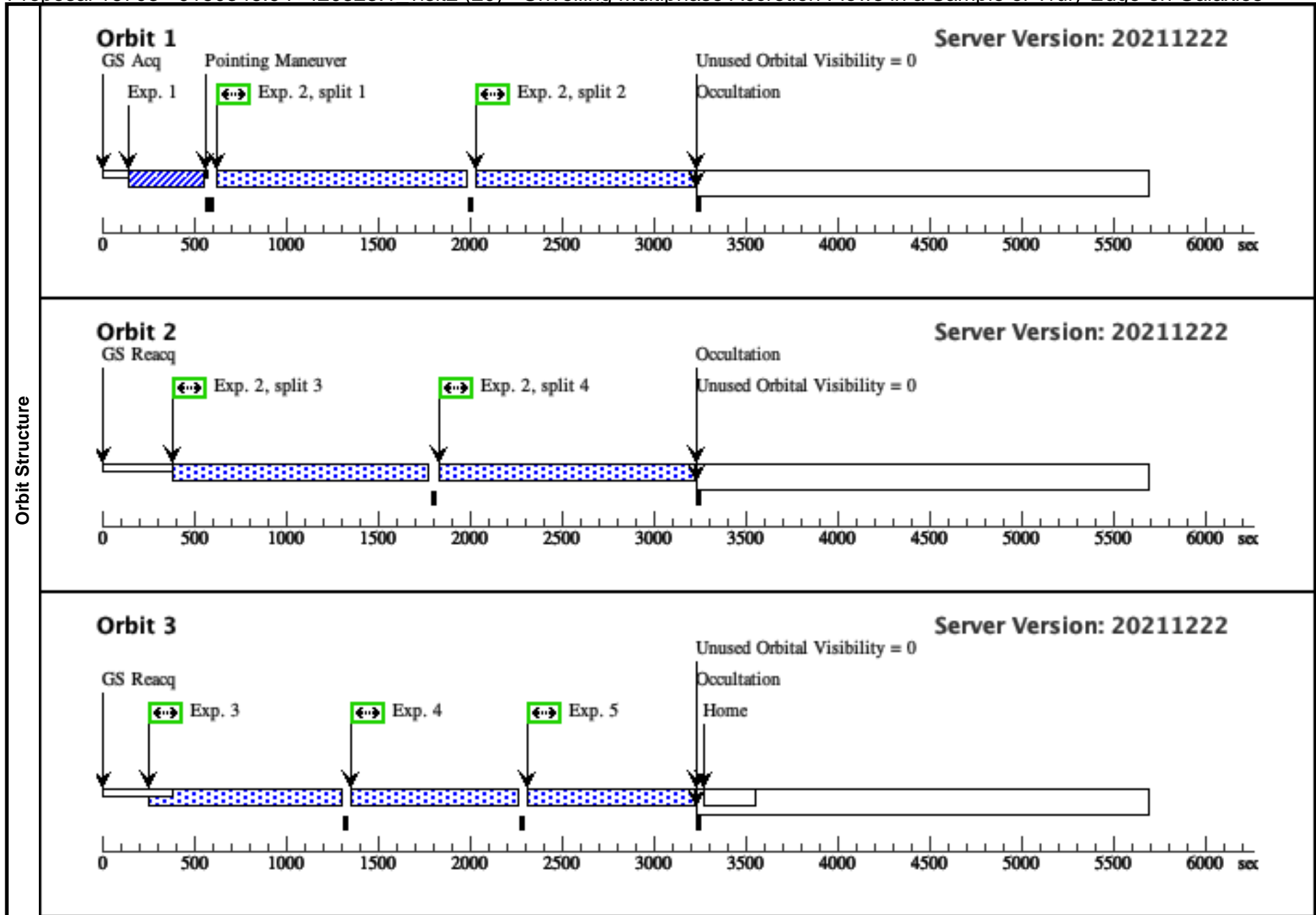
Visit	Proposal 16703, J150346.94+420323.1_visit1 (15), implementation Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
	Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous			
		(7)	J150346.94+420323.1	RA: 15 03 46.9416 (225.9455900d) Dec: +42 03 23.14 (42.05643d) Equinox: J2000		V=17.90 FUV = 19.11	Reference Frame: ICRS			
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.im.15 25869)	(7) J150346.94+420 323.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50 Secs (50 Secs) [==>]	[1]
	2	(COS.sp.153 0048)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=2; LIFETIME-POS=L P4			736 Secs (736 Secs) [==>]	[1]
	3	(COS.sp.153 0048)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=3; LIFETIME-POS=L P4			736 Secs (736 Secs) [==>]	[1]
	4	(COS.sp.153 0048)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=4; LIFETIME-POS=L P4			736 Secs (736 Secs) [==>]	[1]
	5	(COS.sp.153 0049)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=19 496; FP-POS=ALL; LIFETIME-POS=L P4			1337 Secs (5352 Secs) [==>(Split 1)] [==>1338 Secs (Split 2)] [==>(Split 3)] [==>1340 Secs (Split 4)]	[2] [3]



Proposal 16703 - J150346.94+420323.1 visit2 (20) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:06 GMT 2022

Visit	Proposal 16703, J150346.94+420323.1_visit2 (20), implementation									
	Diagnostic Status: No Diagnostics Scientific Instruments: COS/FUV, COS/NUV Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
		(7)	J150346.94+420323.1	RA: 15 03 46.9416 (225.9455900d) Dec: +42 03 23.14 (42.05643d) Equinox: J2000		V=17.90 FUV = 19.11	Reference Frame: ICRS			
	<i>Comments:</i> Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.im.15 25869)	(7) J150346.94+420 323.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50 Secs (50 Secs) [==>]	[1]
	2	(COS.sp.152 6563COS.sp .1530049)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=19 496; FP-POS=ALL; LIFETIME-POS=L P4			1337 Secs (4955 Secs) [==>1139.0 Secs (Split 1)] [==>1139.0 Secs (Split 2)] [==>(Split 3)] [==>1340.0 Secs (Split 4)]	[1] [2]
	3	(COS.sp.152 5871)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=2; LIFETIME-POS=L P4			856 Secs (858 Secs) [==>858.0 Secs]	[3]
	4	(COS.sp.152 5871)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=3; LIFETIME-POS=L P4			856 Secs (856 Secs) [==>]	[3]
	5	(COS.sp.152 5871)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=4; LIFETIME-POS=L P4			856 Secs (856 Secs) [==>]	[3]



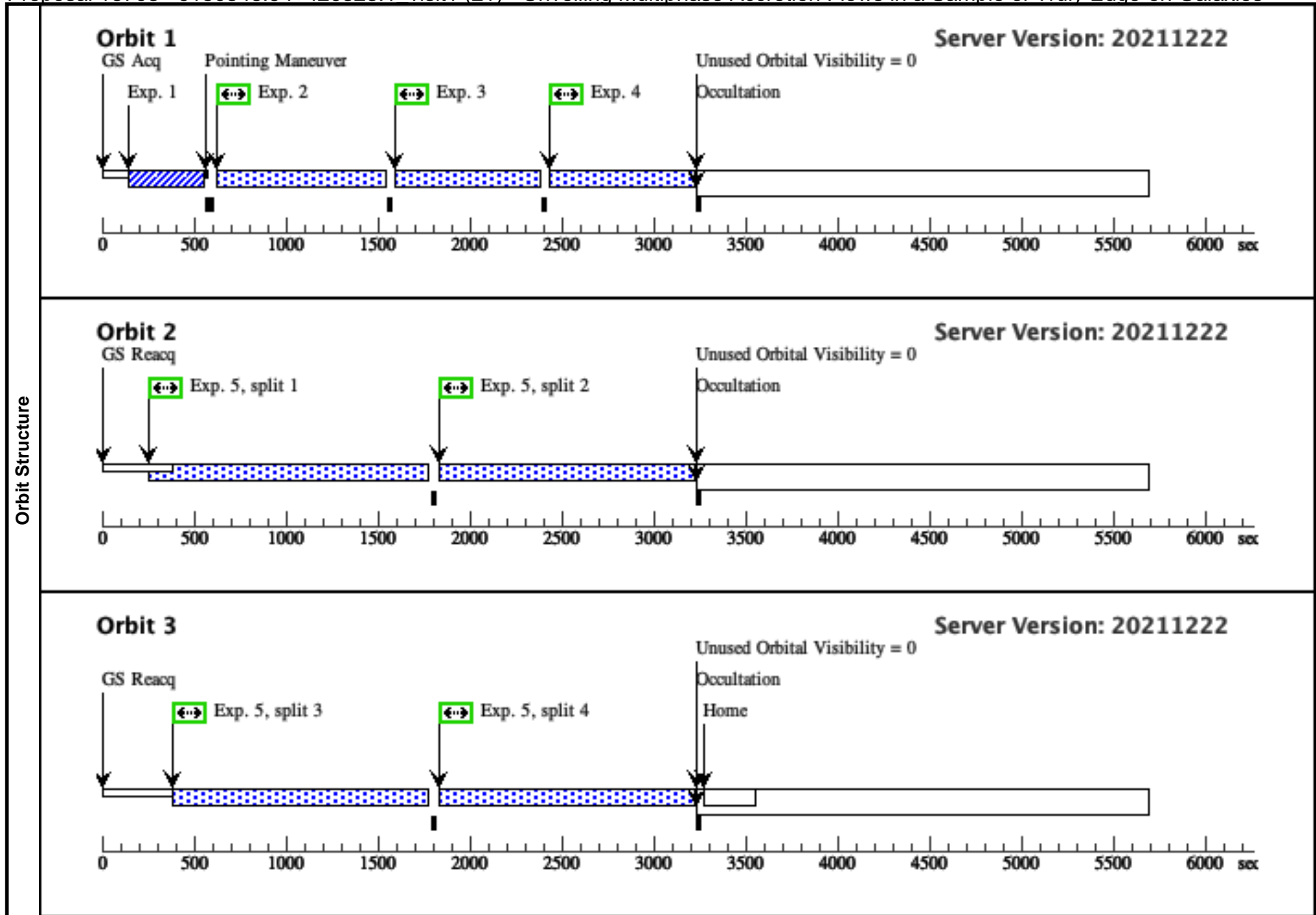
Proposal 16703 - J150346.94+420323.1 visit1 (21) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:06 GMT 2022

Visit	Proposal 16703, J150346.94+420323.1_visit1 (21), implementation				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	J150346.94+420323.1	RA: 15 03 46.9416 (225.9455900d) Dec: +42 03 23.14 (42.05643d) Equinox: J2000		V=17.90 FUV = 19.11	Reference Frame: ICRS
	<i>Comments:</i>					
	<i>Category=EXT-MEDIUM</i> <i>Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD]</i> <i>Extended=NO</i>					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.im.15 25869)	(7) J150346.94+420 323.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50 Secs (50 Secs) [==>]	[1]
	2	(COS.sp.153 0048)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=2; LIFETIME-POS=L P4			736 Secs (736 Secs) [==>]	[1]
	3	(COS.sp.153 0048)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=3; LIFETIME-POS=L P4			736 Secs (736 Secs) [==>]	[1]
	4	(COS.sp.153 0048)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=4; LIFETIME-POS=L P4			736 Secs (736 Secs) [==>]	[1]
	5	(COS.sp.153 0049)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=19 496; FP-POS=ALL; LIFETIME-POS=L P4			1337 Secs (5352 Secs) [==>(Split 1)] [==>1338 Secs (Split 2)] [==>(Split 3)] [==>1340 Secs (Split 4)]	[2] [3]



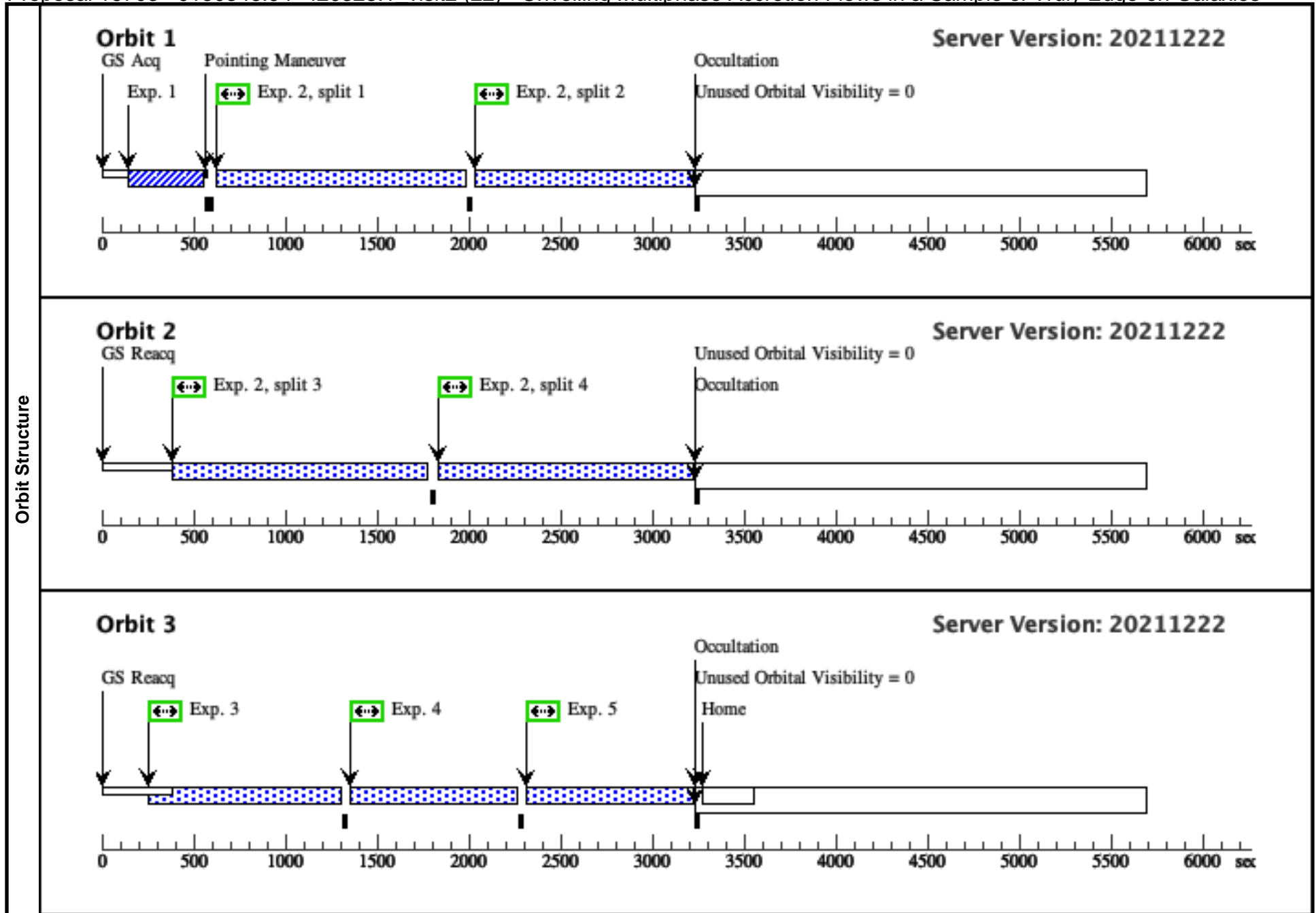
Proposal 16703 - J150346.94+420323.1 visit2 (22) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:06 GMT 2022

Visit	Proposal 16703, J150346.94+420323.1_visit2 (22), implementation				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	J150346.94+420323.1	RA: 15 03 46.9416 (225.9455900d) Dec: +42 03 23.14 (42.05643d) Equinox: J2000		V=17.90 FUV = 19.11	Reference Frame: ICRS
	<i>Comments:</i>					
	Category=EXT-MEDIUM Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD] Extended=NO					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit	
	1	(COS.im.15 25869)	(7) J150346.94+420 323.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB					50 Secs (50 Secs) [==>]	[1]
	2	(COS.sp.152 6563COS.sp .1530049)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=19 496; FP-POS=ALL; LIFETIME-POS=L P4			1337 Secs (4955 Secs) [==>1139.0 Secs (Split 1)] [==>1139.0 Secs (Split 2)] [==>(Split 3)] [==>1340.0 Secs (Split 4)]	[1] [2]	
	3	(COS.sp.152 5871)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=2; LIFETIME-POS=L P4			856 Secs (858 Secs) [==>858.0 Secs]	[3]	
	4	(COS.sp.152 5871)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=3; LIFETIME-POS=L P4			856 Secs (856 Secs) [==>]	[3]	
	5	(COS.sp.152 5871)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=4; LIFETIME-POS=L P4			856 Secs (856 Secs) [==>]	[3]	



Proposal 16703 - J150346.94+420323.1 visit5 (19) - Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Wed Apr 27 18:01:06 GMT 2022

Visit	Proposal 16703, J150346.94+420323.1_visit5 (19), implementation				
	Diagnostic Status: No Diagnostics				
	Scientific Instruments: COS/FUV, COS/NUV				
	Special Requirements: (none)				

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(7)	J150346.94+420323.1	RA: 15 03 46.9416 (225.9455900d) Dec: +42 03 23.14 (42.05643d) Equinox: J2000		V=17.90 FUV = 19.11	Reference Frame: ICRS
	<i>Comments:</i>					
	<i>Category=EXT-MEDIUM</i> <i>Description=[ABSORPTION LINE SYSTEM, ABSORPTION LINE SYSTEM - EXTRAGALACTIC, ACCRETION DISK, HI CLOUD]</i> <i>Extended=NO</i>					

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	(COS.im.15 25869)	(7) J150346.94+420 323.1	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				50 Secs (50 Secs) [==>]	[1]
	2	(COS.sp.152 5871)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=2; LIFETIME-POS=L P4			736 Secs (736 Secs) [==>]	[1]
	3	(COS.sp.152 5871)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=3; LIFETIME-POS=L P4			736 Secs (736 Secs) [==>]	[1]
	4	(COS.sp.152 5871)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G130M 1222 A	BUFFER-TIME=13 517; FP-POS=4; LIFETIME-POS=L P4			736 Secs (736 Secs) [==>]	[1]
	5	(COS.sp.152 6563)	(7) J150346.94+420 323.1	COS/FUV, TIME-TAG, PSA	G160M 1611 A	BUFFER-TIME=19 496; FP-POS=ALL; LIFETIME-POS=L P4			616 Secs (2465 Secs) [==>(Split 1)] [==>(Split 2)] [==>617.0 Secs (Split 3)] [==>(Split 4)]	[2]

