



17734 - A clean view of the CGM for well-characterized galaxies

Cycle: 32, Proposal Category: GO

(Availability Mode: SUPPORTED)

INVESTIGATORS

<i>Name</i>	<i>Institution</i>
Dr. Bart P. Wakker (PI) (Contact)	Eureka Scientific Inc.
Dr. Kat A Barger (CoI) (CoPI) (Contact)	Texas Christian University
Dr. Benjamin Darwin Oppenheimer (CoI) (Contact)	University of Colorado at Boulder
Dr. David M. French (CoI)	Space Telescope Science Institute
Andrew Glaze (CoI)	Texas Christian University

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) SDSSJ095859.79+004718.8	COS/FUV COS/NUV	2	24-Mar-2026 10:00:20.0	yes
54	(1) SDSSJ095859.79+004718.8	COS/FUV COS/NUV	2	24-Mar-2026 10:00:21.0	yes
02	(1) SDSSJ095859.79+004718.8	COS/FUV COS/NUV	2	24-Mar-2026 10:00:22.0	yes
03	(2) SDSSJ164659.00+400822.9	COS/FUV COS/NUV	3	24-Mar-2026 10:00:22.0	yes
04	(2) SDSSJ164659.00+400822.9	COS/FUV COS/NUV	3	24-Mar-2026 10:00:23.0	yes
05	(2) SDSSJ164659.00+400822.9	COS/FUV COS/NUV	2	24-Mar-2026 10:00:23.0	yes

Proposal 17734 (STScI Edit Number: 13, Created: Tuesday, March 24, 2026, 9:00:53AM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
06	(3) SDSSJ163731.40+405155.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:24.0	yes
07	(3) SDSSJ163731.40+405155.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:25.0	yes
08	(3) SDSSJ163731.40+405155.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:25.0	yes
09	(4) SDSSJ163245.10+405151.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:26.0	yes
10	(4) SDSSJ163245.10+405151.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:27.0	yes
11	(4) SDSSJ163245.10+405151.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:27.0	yes
12	(5) SDSSJ082733.90+175613.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:28.0	yes
13	(5) SDSSJ082733.90+175613.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:28.0	yes
50	(5) SDSSJ082733.90+175613.0	COS/FUV COS/NUV	1	24-Mar-2026 10:00:28.0	yes
14	(6) SDSSJ134235.70+261534.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:29.0	yes
15	(6) SDSSJ134235.70+261534.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:30.0	yes
52	(6) SDSSJ134235.70+261534.0	COS/FUV COS/NUV	1	24-Mar-2026 10:00:30.0	yes
60	(6) SDSSJ134235.70+261534.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:30.0	yes
16	(7) FBQSJ2142-0821	COS/FUV COS/NUV	2	24-Mar-2026 10:00:31.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
17	(8) SDSSJ080315.70+483603.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:32.0	yes
18	(9) SDSSJ125958.10+523322.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:32.0	yes
19	(9) SDSSJ125958.10+523322.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:33.0	yes
20	(9) SDSSJ125958.10+523322.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:34.0	yes
21	(10) RXJ1018.2+0625	COS/FUV COS/NUV	3	24-Mar-2026 10:00:34.0	yes
59	(10) RXJ1018.2+0625	COS/FUV COS/NUV	1	24-Mar-2026 10:00:35.0	yes
22	(11) SDSSJ160030.30+264516.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:35.0	yes
51	(11) SDSSJ160030.30+264516.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:36.0	yes
23	(11) SDSSJ160030.30+264516.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:36.0	yes
24	(11) SDSSJ160030.30+264516.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:37.0	yes
25	(12) SDSSJ153445.22+564902.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:37.0	yes
26	(12) SDSSJ153445.22+564902.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:38.0	yes
27	(12) SDSSJ153445.22+564902.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:39.0	yes
61	(12) SDSSJ153445.22+564902.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:39.0	yes

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Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
28	(13) SDSSJ080105.35+441041.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:40.0	yes
29	(14) SDSSJ110411.40+223946.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:40.0	yes
30	(15) SDSSJ160400.60+513921.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:41.0	yes
31	(8) SDSSJ080315.70+483603.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:42.0	yes
32	(8) SDSSJ080315.70+483603.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:42.0	yes
33	(16) SDSSJ081231.43+441620.9	COS/FUV COS/NUV	2	24-Mar-2026 10:00:43.0	yes
57	(16) SDSSJ081231.43+441620.9	COS/FUV COS/NUV	2	24-Mar-2026 10:00:43.0	yes
34	(16) SDSSJ081231.43+441620.9	COS/FUV COS/NUV	2	24-Mar-2026 10:00:43.0	yes
35	(17) SBS1534+568	COS/FUV COS/NUV	2	24-Mar-2026 10:00:44.0	yes
36	(17) SBS1534+568	COS/FUV COS/NUV	2	24-Mar-2026 10:00:45.0	yes
37	(18) SDSSJ031209.20-081013.8	COS/FUV COS/NUV	3	24-Mar-2026 10:00:45.0	yes
38	(19) SDSSJ033648.33-065135.9	COS/FUV COS/NUV	2	24-Mar-2026 10:00:46.0	yes
39	(14) SDSSJ110411.40+223946.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:46.0	yes
40	(20) RXJ1525.8+2825	COS/FUV COS/NUV	3	24-Mar-2026 10:00:47.0	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>
41	(21) HS1458+4944	COS/FUV COS/NUV	2	24-Mar-2026 10:00:47.0	yes
58	(21) HS1458+4944	COS/FUV COS/NUV	2	24-Mar-2026 10:00:48.0	yes
42	(22) SDSSJ085901.50+295045.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:49.0	yes
43	(22) SDSSJ085901.50+295045.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:49.0	yes
44	(22) SDSSJ085901.50+295045.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:50.0	yes
45	(23) SDSSJ155119.60+255047.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:50.0	yes
46	(23) SDSSJ155119.60+255047.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:51.0	yes
48	(24) SDSSJ165118.62+400124.8	COS/FUV COS/NUV	2	24-Mar-2026 10:00:51.0	yes
53	(24) SDSSJ165118.62+400124.8	COS/FUV COS/NUV	1	24-Mar-2026 10:00:52.0	yes
55	(24) SDSSJ165118.62+400124.8	COS/FUV COS/NUV	1	24-Mar-2026 10:00:52.0	yes
49	(25) SDSSJ124416.60+501014.0	COS/FUV COS/NUV	3	24-Mar-2026 10:00:52.0	yes
56	(25) SDSSJ124416.60+501014.0	COS/FUV COS/NUV	2	24-Mar-2026 10:00:53.0	yes

138 Total Orbits Used

ABSTRACT

The properties of galaxies are linked to the gas that surrounds them, but the details of this linkage remain unclear. There are very few galaxies whose internal structure has been resolved while their circumgalactic medium has also been sampled. We have created a sample of 34 AGN-galaxy pairs (25 new and 9 archival) consisting of isolated and highly-inclined ($i > 60^\circ$) galaxies included in the MaNGA survey, with AGN impact parameters $< 0.5 R(\text{vir})$. The mass, star-formation rate, and kinematics of all these galaxies have been mapped in detail. Selecting isolated and highly-inclined galaxies minimizes confusion due to environmental and projection effects. The sightlines cover a range of azimuths and are at low impact parameters, where the detection rate of Ly α is $> 80\%$ and that of metals $> 50\%$, allowing us to characterize the azimuthal and radial variations of the velocities, column density, volume density, metallicity, and linewidths, using absorption lines of hydrogen (HI), low-ions (CII/

SiII) and intermediate ions (SiIII). We will correlate these properties with galaxy mass and star-formation rate. We will further compare the CGM measurements with simulations of similar galaxies, also projected edge-on. This sample will provide the cleanest test to-date of whether CGM absorbers exhibit the expected bimodality associated with outflows along the major axis and inflows along the minor axis. Further, we will be able to compare the motions of the CGM absorbers with the host galaxies to assess if the gas is co-rotating and if so, out to what distance.

OBSERVING DESCRIPTION

We propose a 118 orbit program to study the CGM surrounding 34 highly-inclined MaNGA galaxies using HST/COS G130M observations toward 24 new (supplemented by 9 archival) background AGN that lie within $0.5 R_{\text{vir}}$ of these galaxies. We require a minimum S/N ratio of ~ 8 , so that we can measure the kinematical properties of the absorbers and detect ions down to an equivalent width limit of ~ 30 mÅ, corresponding to $\log N(\text{HI}) \sim 13.1$, $\log N(\text{CII}) \sim 13.3$, $\log N(\text{SiII}) \sim 12.3$ and $\log N(\text{SiIII}) \sim 12.2$.

The AGN were found from a list of 1.2 million QSOs that we compiled by combining various catalogues. This was correlated with GALEX data to determine their FUV fluxes. The optical and GALEX images of each individual QSO were checked using the Legacy Survey sky server (www.legacysurvey.org) to make sure the source was not extended. We then used the COS ETC to calculate exposure times needed to reach $S/N \sim 8$ near a representative wavelength for redshifted Ly α (1250 Å, or $cz = 8,600$ km/s).

The COS-G130M grating will be set to a central wavelength of 1291 Å on LP5, using FP-POS=3 and 4. In the first orbit, guide star acquisition takes about 200 seconds and exposure and grating setup is 200 seconds. Reacquisition in subsequent orbits takes about 400 seconds. This leaves about 2,000 seconds of exposure time in the first orbit and 2,300 seconds in subsequent orbits. Targets requiring 4 orbits or fewer can be completed in one visit, while those requiring more orbits will be split into two visits. The targets are not bright enough to pose a bright limit threat to COS.

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6 targets require 8 orbit targets which into two 4 orbit visits.

The 2 7 orbit target gets a 4 and 3 orbit visit.

One 6 orbit targets gets 2 visits.

One visit is allocated to the 6 4 orbit targets.

5 targets get a 3 orbit visit, and 2 orbits are sufficient for 2 targets.

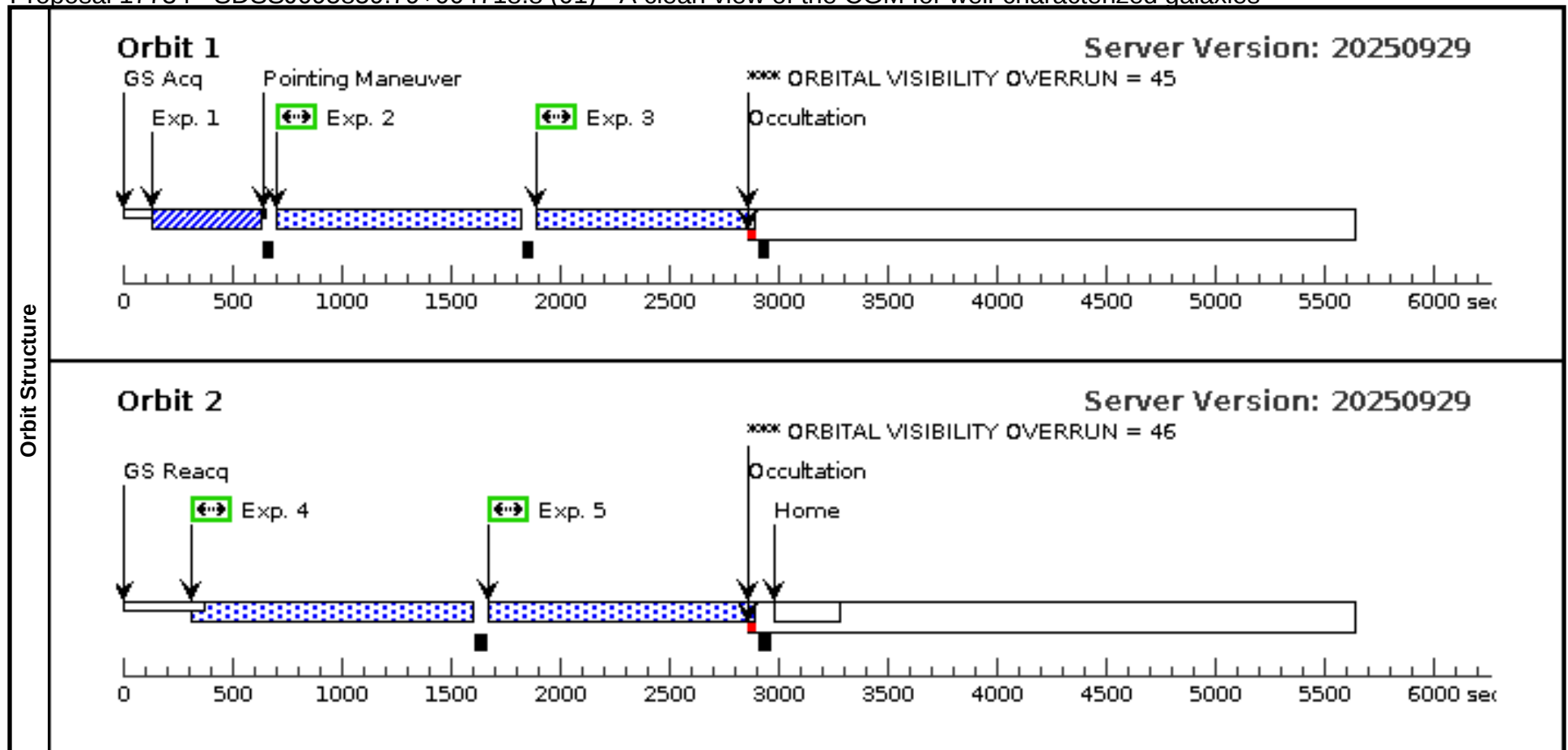
For each visit the first half of an= orbit is done using G130M with FP=POS=3, the second half uses FP=POS=4.

Proposal 17734 - SDSSJ095859.79+004718.8 (01) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ095859.79+004718.8 (01), failed Tue Mar 24 14:00:53 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ095859.79+004718.8 (01)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ095859.79+004718.8 (01)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ095859.79+004718.8 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ095859.79+004718.8 (01)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	SDSSJ095859.79+004718.8	RA: 09 58 59.8000 (149.7491667d) Dec: +00 47 18.90 (.78858d) Equinox: J2000	Epoch of Position: 2000 	V=18.91+/-0.1 F=0.09E-14@1250; z=0.236
	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

Proposal 17734 - SDSSJ095859.79+004718.8 (01) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	SDSSJ0958 59.79+0047 18.8_ACQ1 (COS.ta.194 3438)	(1) SDSSJ095859.79 +004718.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				98 Secs (98 Secs)		
									[==>]		[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.09E-14 Count rate 9/sec										
	2	SDSSJ0958 59.79+0047 18.8_1 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			950 Secs (950 Secs)		
									[==>]		[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 527/sec S/N ~8.0										
Exposures	3	SDSSJ0958 59.79+0047 18.8_2 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			950 Secs (950 Secs)		
									[==>]		[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 527/sec S/N ~8.0										
	4	SDSSJ0958 59.79+0047 18.8_3 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs)		
									[==>]		[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 527/sec S/N ~8.0										
Exposures	5	SDSSJ0958 59.79+0047 18.8_4 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs)		
									[==>]		[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 527/sec S/N ~8.0										

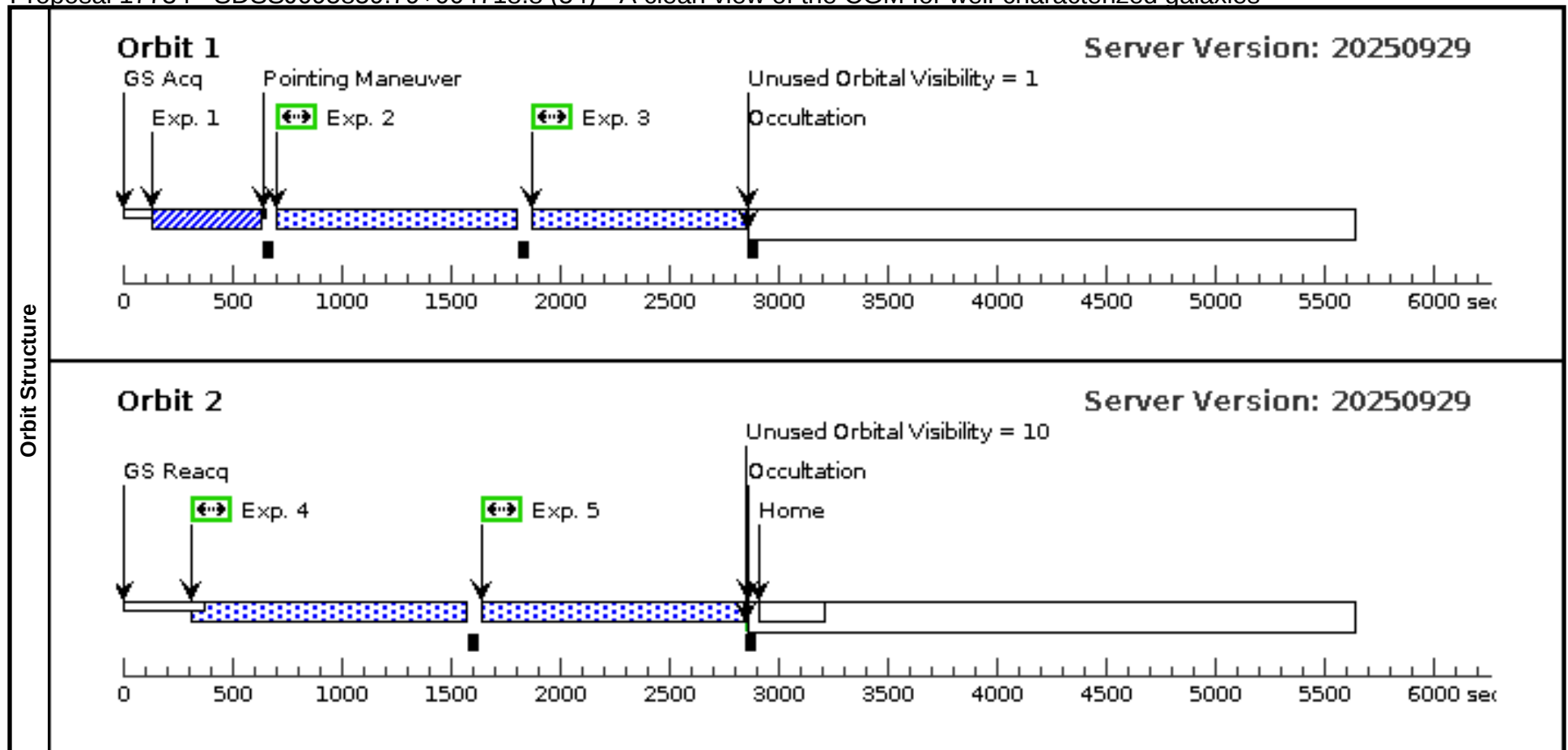


Proposal 17734 - SDSSJ095859.79+004718.8 (54) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ095859.79+004718.8 (54), scheduling					Tue Mar 24 14:00:53 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Comments: HOPR repeat of visit 1						
Diagnostics	(SDSSJ095859.79+004718.8 (54)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ095859.79+004718.8 (54)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(1)	SDSSJ095859.79+004718.8	RA: 09 58 59.8000 (149.7491667d) Dec: +00 47 18.90 (.78858d) Equinox: J2000	Epoch of Position: 2000	V=18.91+/-0.1 F=0.09E-14@1250; z=0.236	Reference Frame: ICRS
	Comments:					
	Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ095859.79+004718.8 (54) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ0958 59.79+0047 18.8_ACQ1 (COS.ta.194 3438)	(1) SDSSJ095859.79 +004718.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				98 Secs (98 Secs) [>=>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.09E-14 Count rate 9/sec									
	2	SDSSJ0958 59.79+0047 18.8_1 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			950 Secs (927 Secs) [>=>927.0 Secs]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 527/sec S/N ~8.0									
	3	SDSSJ0958 59.79+0047 18.8_2 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			950 Secs (927 Secs) [>=>927.0 Secs]	[1]
Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 527/sec S/N ~8.0										
4	SDSSJ0958 59.79+0047 18.8_3 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1145 Secs) [>=>1145.0 Secs]	[2]	
Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 527/sec S/N ~8.0										
5	SDSSJ0958 59.79+0047 18.8_4 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1144 Secs) [>=>1144.0 Secs]	[2]	
Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 527/sec S/N ~8.0										

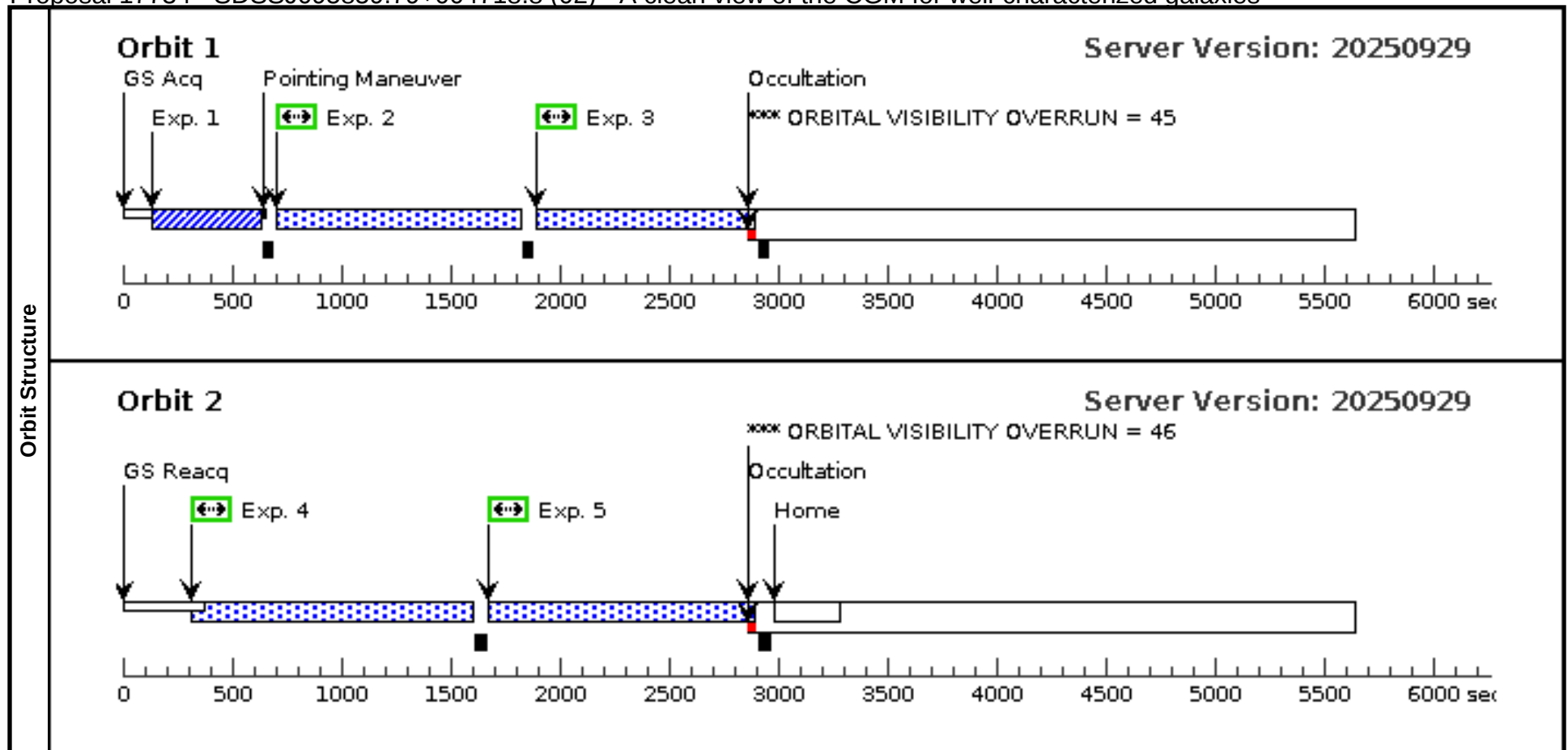


Proposal 17734 - SDSSJ095859.79+004718.8 (02) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ095859.79+004718.8 (02), completed Tue Mar 24 14:00:53 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ095859.79+004718.8 (02)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ095859.79+004718.8 (02)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ095859.79+004718.8 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ095859.79+004718.8 (02)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(1)	SDSSJ095859.79+004718.8	RA: 09 58 59.8000 (149.7491667d) Dec: +00 47 18.90 (.78858d) Equinox: J2000	Epoch of Position: 2000 	V=18.91+/-0.1 F=0.09E-14@1250; z=0.236
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[QSO] Extended=NO				

Proposal 17734 - SDSSJ095859.79+004718.8 (02) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	SDSSJ0958 59.79+0047 18.8_ACQ2 (COS.ta.194 3438)	(1) SDSSJ095859.79 +004718.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				98 Secs (98 Secs)		
									[==>]		[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.09E-14 Count rate 9/sec										
	2	SDSSJ0958 59.79+0047 18.8_5 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			950 Secs (950 Secs)		
									[==>]		[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 527/sec S/N ~8.0										
Exposures	3	SDSSJ0958 59.79+0047 18.8_6 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			950 Secs (950 Secs)		
									[==>]		[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 527/sec S/N ~8.0										
	4	SDSSJ0958 59.79+0047 18.8_7 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs)		
									[==>]		[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 527/sec S/N ~8.0										
Exposures	5	SDSSJ0958 59.79+0047 18.8_8 (COS.sp.192 8114)	(1) SDSSJ095859.79 +004718.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs)		
									[==>]		[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 527/sec S/N ~8.0										

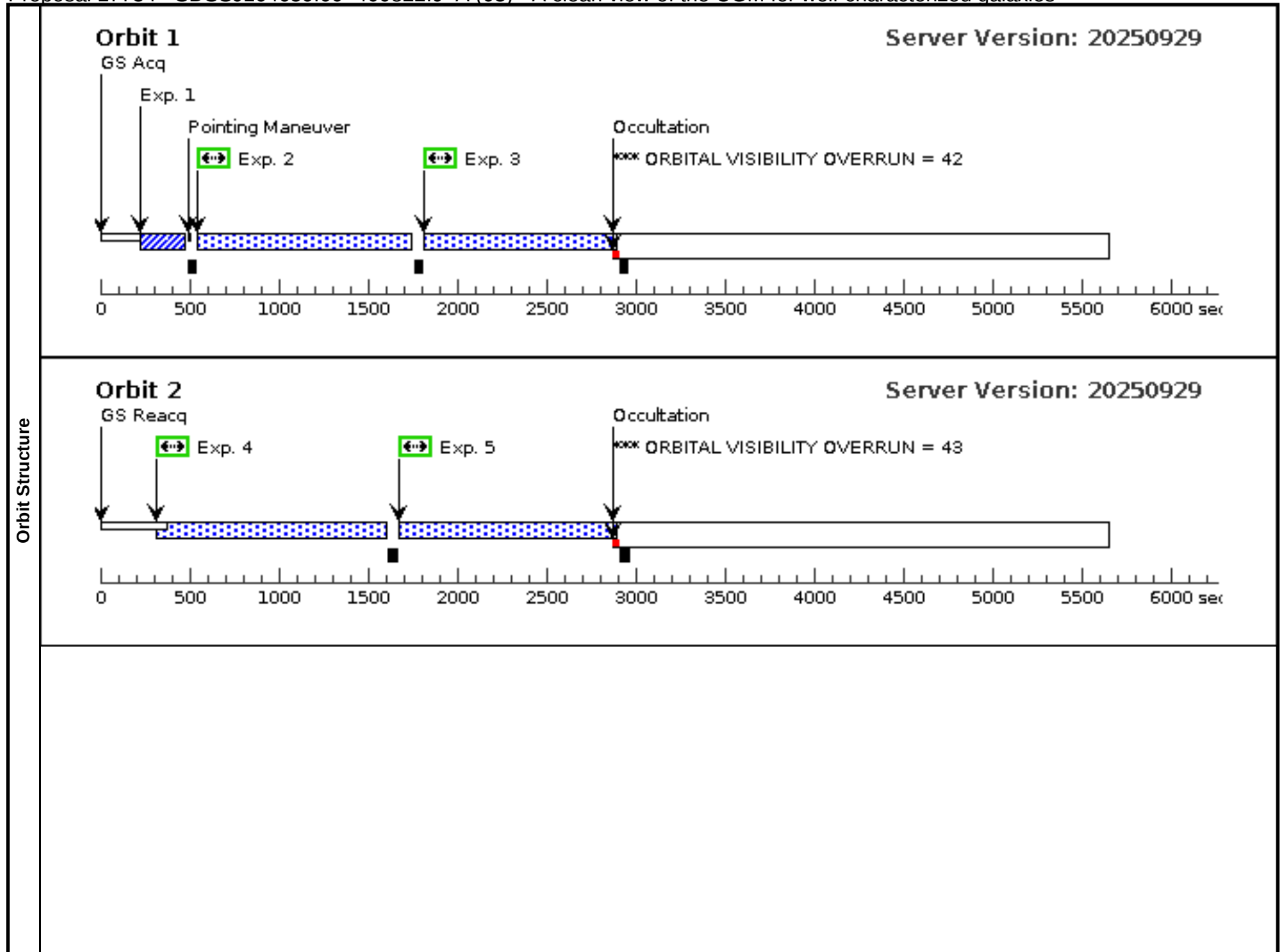


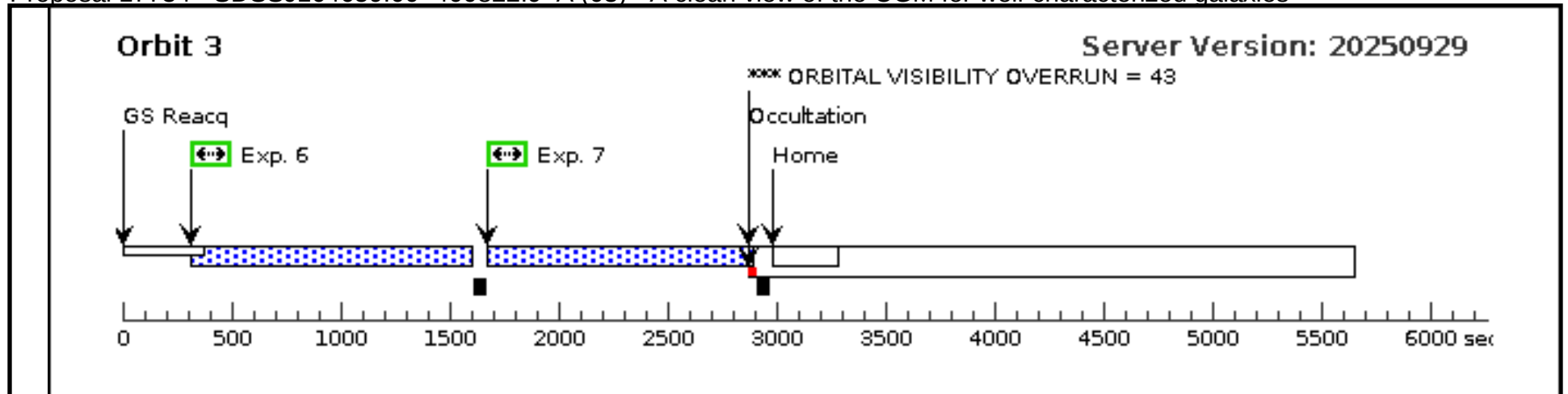
Proposal 17734 - SDSSJ164659.00+400822.9 A (03) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ164659.00+400822.9_A (03), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ164659.00+400822.9_A (03)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ164659.00+400822.9_A (03)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ164659.00+400822.9_A (03)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ164659.00+400822.9_A (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ164659.00+400822.9_A (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ164659.00+400822.9_A (03)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSJ164659.00+400822.9	RA: 16 46 59.0000 (251.7458333d) Dec: +40 08 23.00 (40.13972d) Equinox: J2000	Epoch of Position: 2000	V=18.74+/-0.1 F=0.04E-14@1250; z=0.923	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QSO] Extended=NO						

Proposal 17734 - SDSSJ164659.00+400822.9 A (03) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1646 59.00+4008 22.9_ACQ1 (COS.ta.194 3433)	(2) SDSSJ164659.00 +400822.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-16 Count rate 83/sec									
	2	SDSSJ1646 59.00+4008 22.9_1 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404/sec S/N ~5.3									
	3	SDSSJ1646 59.00+4008 22.9_2 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1646 59.00+4008 22.9_3 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1646 59.00+4008 22.9_4 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.3									
	6	SDSSJ1646 59.00+4008 22.9_5 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 404/sec S/N ~5.3									
	7	SDSSJ1646 59.00+4008 22.9_6 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 404/sec S/N ~5.3									





Proposal 17734 - SDSSJ164659.00+400822.9 A (04) - A clean view of the CGM for well-characterized galaxies

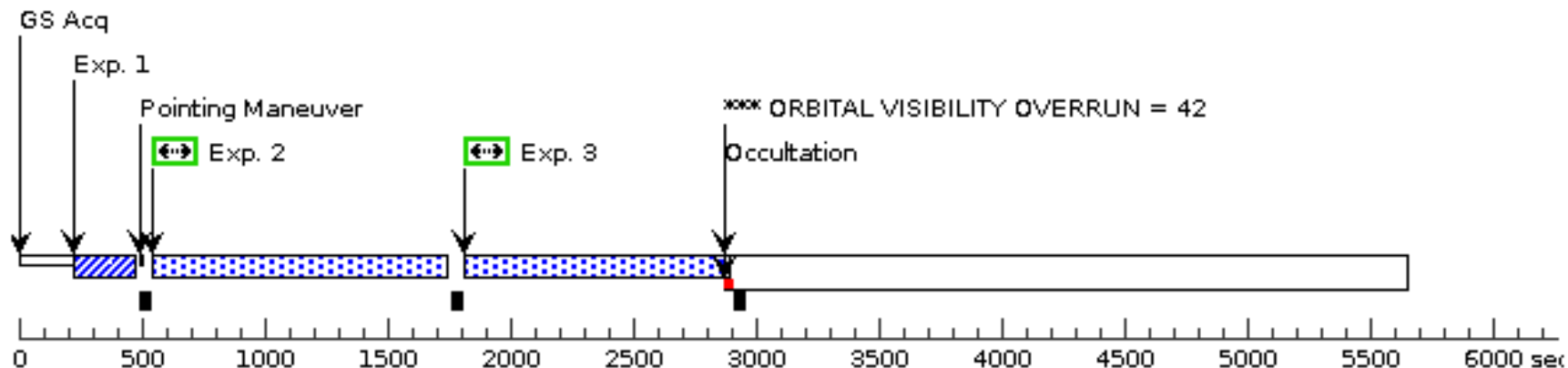
Visit	Proposal 17734, SDSSJ164659.00+400822.9_A (04), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ164659.00+400822.9_A (04)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ164659.00+400822.9_A (04)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ164659.00+400822.9_A (04)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ164659.00+400822.9_A (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ164659.00+400822.9_A (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ164659.00+400822.9_A (04)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(2)	SDSSJ164659.00+400822.9	RA: 16 46 59.0000 (251.7458333d) Dec: +40 08 23.00 (40.13972d) Equinox: J2000	Epoch of Position: 2000	V=18.74+/-0.1 F=0.04E-14@1250; z=0.923	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QSO] Extended=NO						

Proposal 17734 - SDSSJ164659.00+400822.9 A (04) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1646 59.00+4008 22.9_ACQ2 (COS.ta.194 3433)	(2) SDSSJ164659.00 +400822.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-16 Count rate 83/sec									
	2	SDSSJ1646 59.00+4008 22.9_7 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404/sec S/N ~5.3									
	3	SDSSJ1646 59.00+4008 22.9_8 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1646 59.00+4008 22.9_9 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1646 59.00+4008 22.9_10 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.3									
	6	SDSSJ1646 59.00+4008 22.9_11 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 404/sec S/N ~5.3									
	7	SDSSJ1646 59.00+4008 22.9_12 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 404/sec S/N ~5.3									

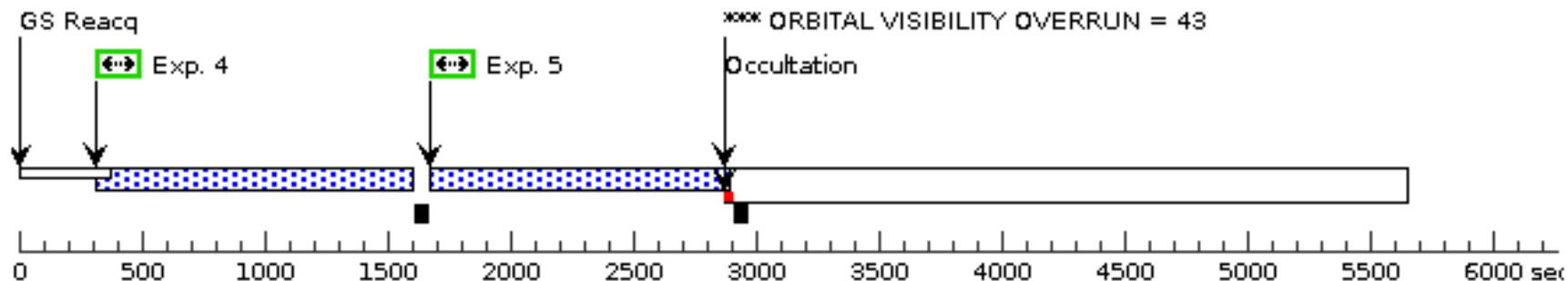
Orbit 1

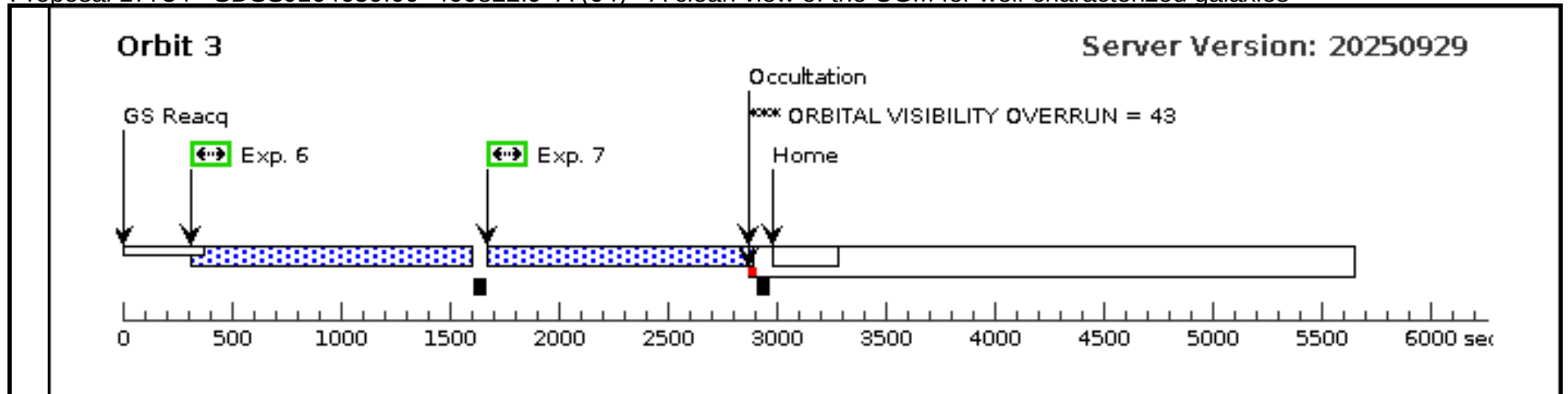
Server Version: 20250929



Orbit 2

Server Version: 20250929



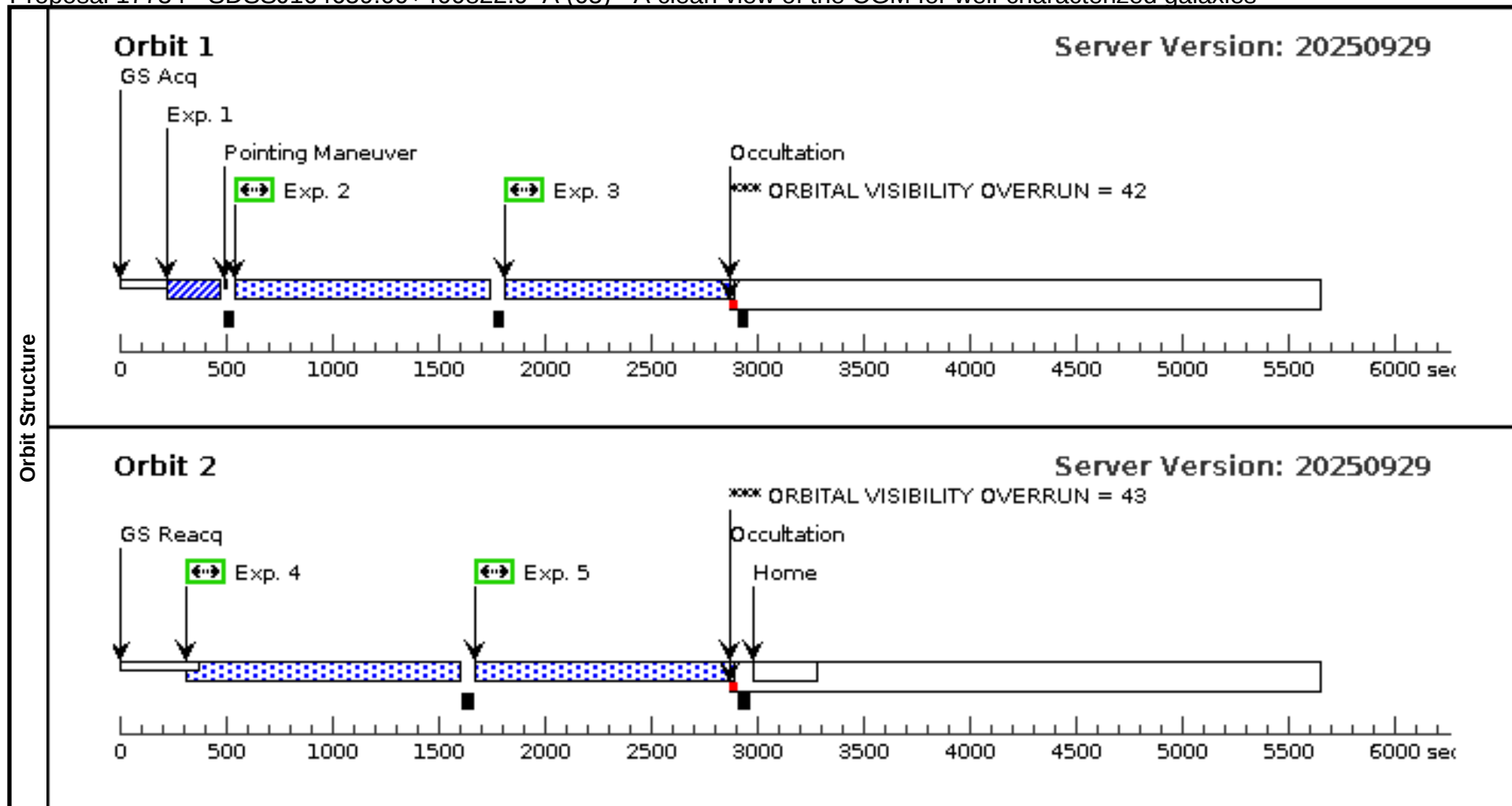


Proposal 17734 - SDSSJ164659.00+400822.9 A (05) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ164659.00+400822.9_A (05), completed Tue Mar 24 14:00:54 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ164659.00+400822.9_A (05)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ164659.00+400822.9_A (05)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ164659.00+400822.9_A (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ164659.00+400822.9_A (05)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(2)	SDSSJ164659.00+400822.9	RA: 16 46 59.0000 (251.7458333d) Dec: +40 08 23.00 (40.13972d) Equinox: J2000	Epoch of Position: 2000 	V=18.74+/-0.1 F=0.04E-14@1250; z=0.923
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

Proposal 17734 - SDSSJ164659.00+400822.9 A (05) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1646 59.00+4008 22.9_ACQ1 3 (COS.ta.194 3433)	(2) SDSSJ164659.00 +400822.9	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-16 Count rate 83/sec									
	2	SDSSJ1646 59.00+4008 22.9_13 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404/sec S/N ~5.3									
	3	SDSSJ1646 59.00+4008 22.9_14 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1646 59.00+4008 22.9_15 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1646 59.00+4008 22.9_16 (COS.sp.192 8111)	(2) SDSSJ164659.00 +400822.9	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.3									



Proposal 17734 - SDSSJ163731.40+405155.0 A (06) - A clean view of the CGM for well-characterized galaxies

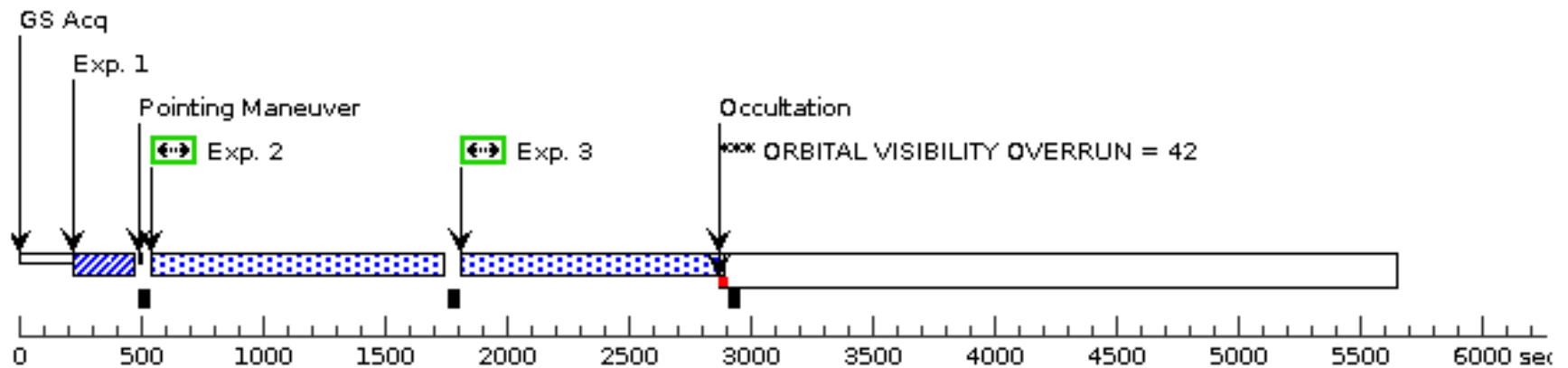
Visit	Proposal 17734, SDSSJ163731.40+405155.0_A (06), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ163731.40+405155.0_A (06)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ163731.40+405155.0_A (06)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ163731.40+405155.0_A (06)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ163731.40+405155.0_A (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ163731.40+405155.0_A (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ163731.40+405155.0_A (06)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	SDSSJ163731.40+405155.0	RA: 16 37 31.4100 (249.3808750d) Dec: +40 51 55.70 (40.86547d) Equinox: J2000	Epoch of Position: 2000	V=17.54+/-0.1 F=0.04E-14@1250; z=0.189	Reference Frame: ICRS
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ163731.40+405155.0 A (06) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1637 31.40+4051 55.0_ACQ1 (COS.ta.194 3433)	(3) SDSSJ163731.40 +405155.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-14 Count rate 83/sec									
	2	SDSSJ1637 31.40+4051 55.0_1 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404/sec S/N ~5.3									
	3	SDSSJ1637 31.40+4051 55.0_2 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1637 31.40+4051 55.0_3 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1637 31.40+4051 55.0_4 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	6	SDSSJ1637 31.40+4051 55.0_5 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 404/sec S/N ~5.3									
	7	SDSSJ1637 31.40+4051 55.0_6 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, second half of orbit 3 total count rate 404/sec S/N ~5.3									

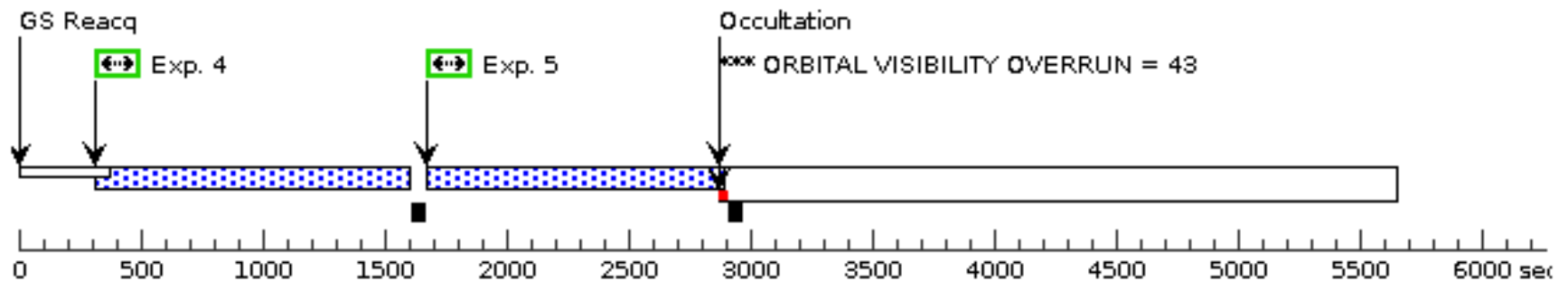
Orbit 1

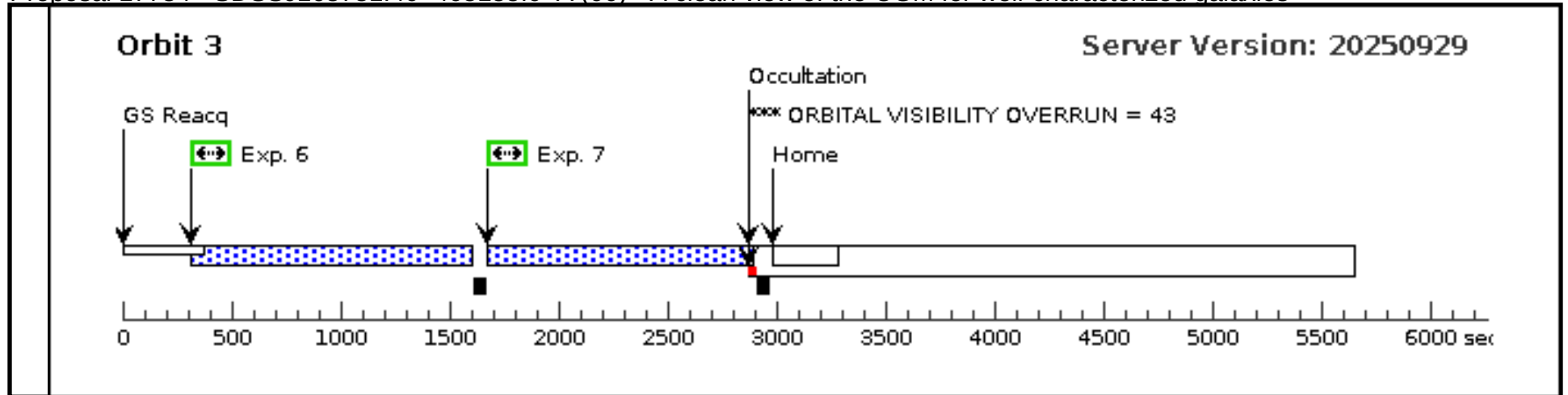
Server Version: 20250929



Orbit 2

Server Version: 20250929





Proposal 17734 - SDSSJ163731.40+405155.0 A (07) - A clean view of the CGM for well-characterized galaxies

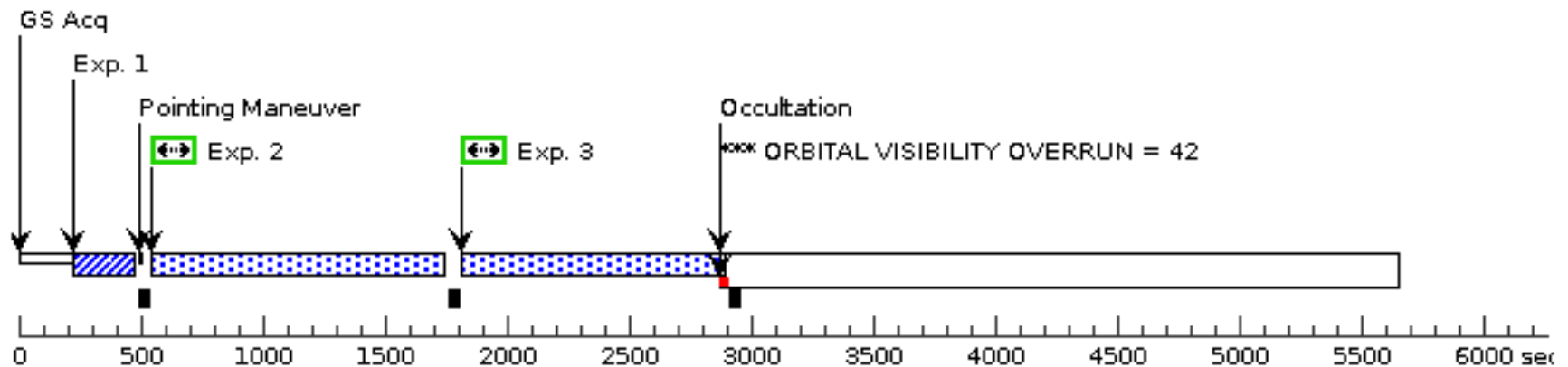
Visit	Proposal 17734, SDSSJ163731.40+405155.0_A (07), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ163731.40+405155.0_A (07)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ163731.40+405155.0_A (07)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ163731.40+405155.0_A (07)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ163731.40+405155.0_A (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ163731.40+405155.0_A (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ163731.40+405155.0_A (07)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	SDSSJ163731.40+405155.0	RA: 16 37 31.4100 (249.3808750d) Dec: +40 51 55.70 (40.86547d) Equinox: J2000	Epoch of Position: 2000	V=17.54+/-0.1 F=0.04E-14@1250; z=0.189	Reference Frame: ICRS
Fixed Targets	Comments:					
	Category=GALAXY					
	Description=[QSO]					
	Extended=NO					

Proposal 17734 - SDSSJ163731.40+405155.0 A (07) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1637 31.40+4051 55.0_ACQ2 (COS.ta.194 3433)	(3) SDSSJ163731.40 +405155.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-14 Count rate 83/sec									
	2	SDSSJ1637 31.40+4051 55.0_7 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404/sec S/N ~5.3									
	3	SDSSJ1637 31.40+4051 55.0_8 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1637 31.40+4051 55.0_9 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1637 31.40+4051 55.0_10 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	6	SDSSJ1637 31.40+4051 55.0_11 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 404/sec S/N ~5.3									
	7	SDSSJ1637 31.40+4051 55.0_12 (COS.sp.192 8111)	(3) SDSSJ163731.40 +405155.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, second half of orbit 3 total count rate 404/sec S/N ~5.3									

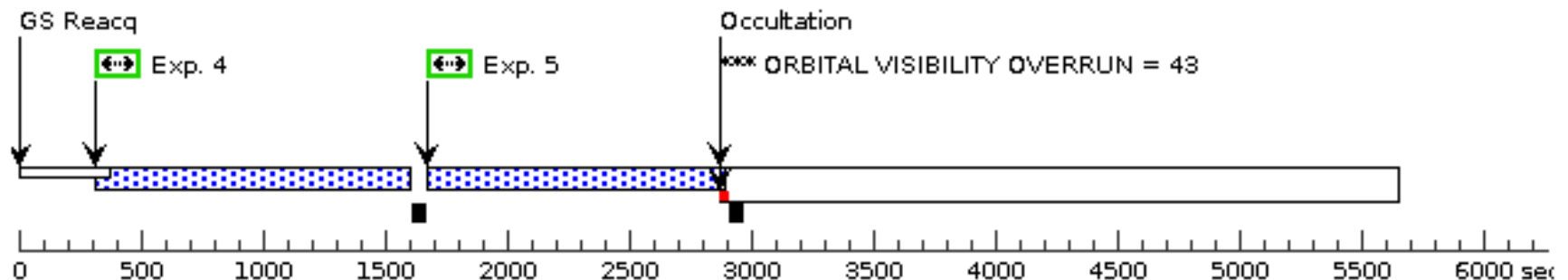
Orbit 1

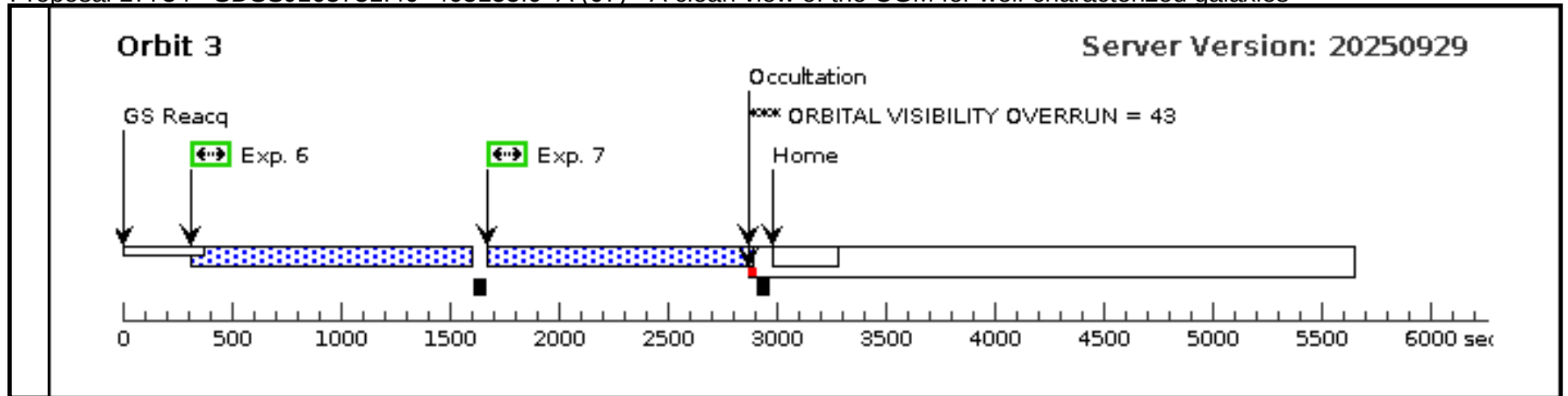
Server Version: 20250929



Orbit 2

Server Version: 20250929



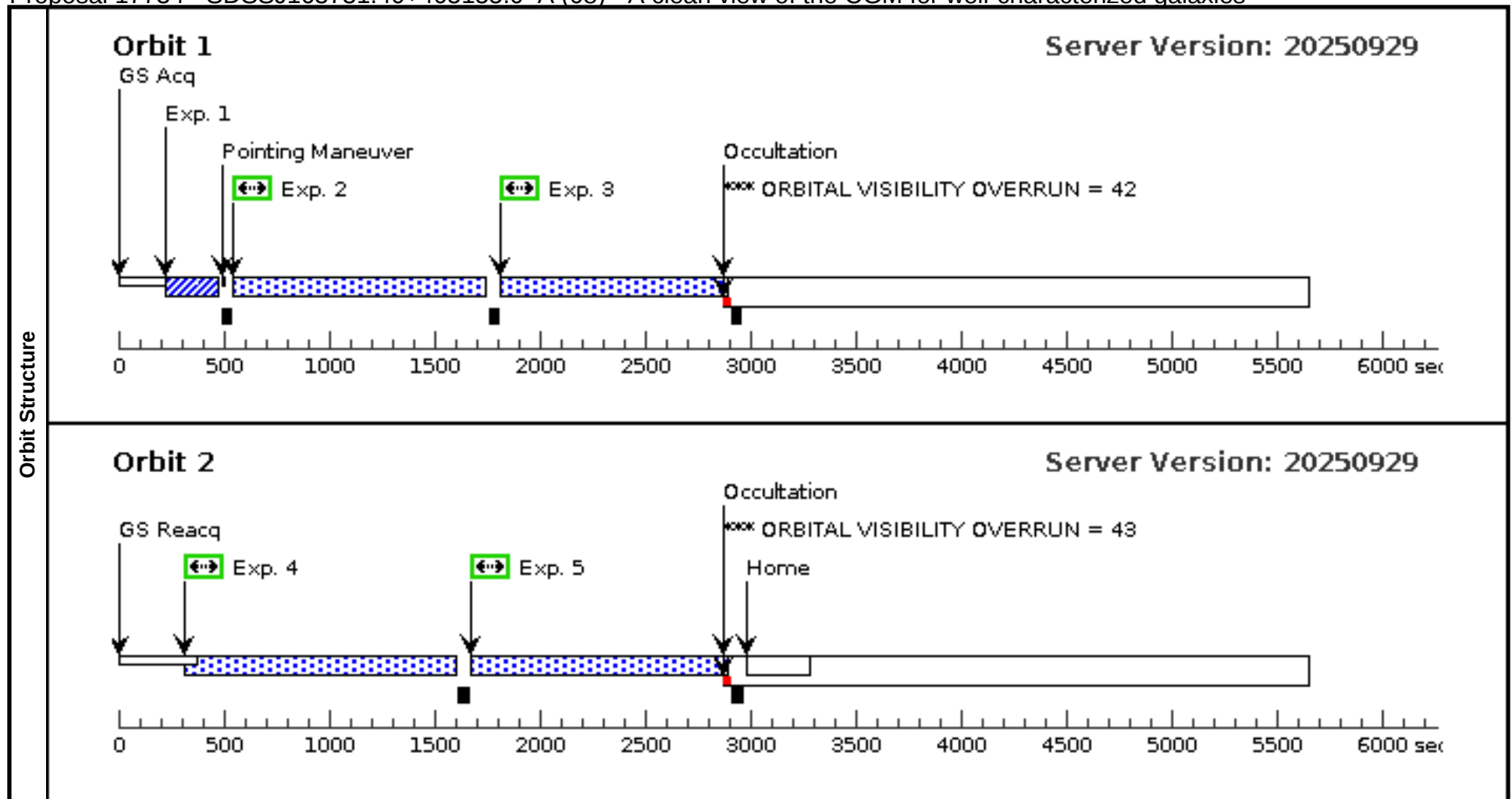


Proposal 17734 - SDSSJ163731.40+405155.0 A (08) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ163731.40+405155.0_A (08), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ163731.40+405155.0_A (08)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ163731.40+405155.0_A (08)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ163731.40+405155.0_A (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ163731.40+405155.0_A (08)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(3)	SDSSJ163731.40+405155.0	RA: 16 37 31.4100 (249.3808750d) Dec: +40 51 55.70 (40.86547d) Equinox: J2000	Epoch of Position: 2000	V=17.54+/-0.1 F=0.04E-14@1250; z=0.189	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ163731.40+405155.0 A (08) - A clean view of the CGM for well-characterized galaxies

[illegible]



Proposal 17734 - SDSSJ163245.10+405151.0 A (09) - A clean view of the CGM for well-characterized galaxies

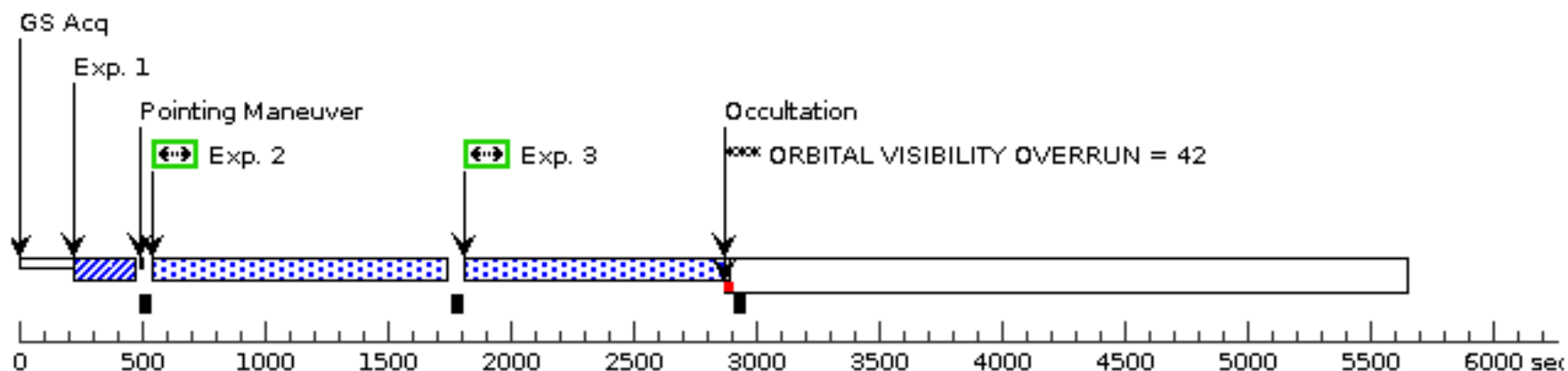
Visit	Proposal 17734, SDSSJ163245.10+405151.0_A (09), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ163245.10+405151.0_A (09)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ163245.10+405151.0_A (09)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ163245.10+405151.0_A (09)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ163245.10+405151.0_A (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ163245.10+405151.0_A (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ163245.10+405151.0_A (09)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	SDSSJ163245.10+405151.0	RA: 16 32 45.1600 (248.1881667d) Dec: +40 51 51.70 (40.86436d) Equinox: J2000	Epoch of Position: 2000	V=18.35+/-0.1 F=0.04E-14@1250; z=0.155	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ163245.10+405151.0 A (09) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1632 45.10+4051 51.0_ACQ1 (COS.ta.194 3433)	(4) SDSSJ163245.10 +405151.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-14 Count rate 83/sec									
	2	SDSSJ1632 45.10+4051 51.0_1 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404/sec S/N ~5.3									
	3	SDSSJ1632 45.10+4051 51.0_2 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1632 45.10+4051 51.0_3 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1632 45.10+4051 51.0_4 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.3									
	6	SDSSJ1632 45.10+4051 51.0_5 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 404/sec S/N ~5.3									
	7	SDSSJ1632 45.10+4051 51.0_6 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 404/sec S/N ~5.3									

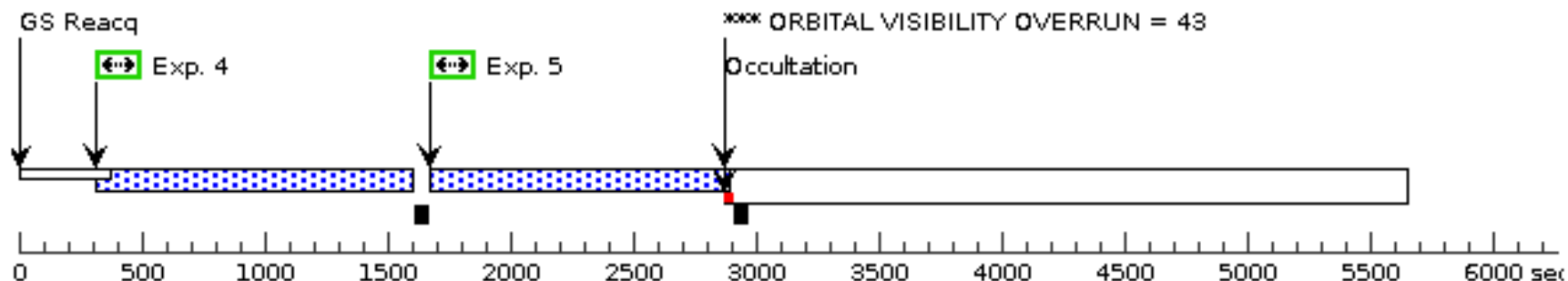
Orbit 1

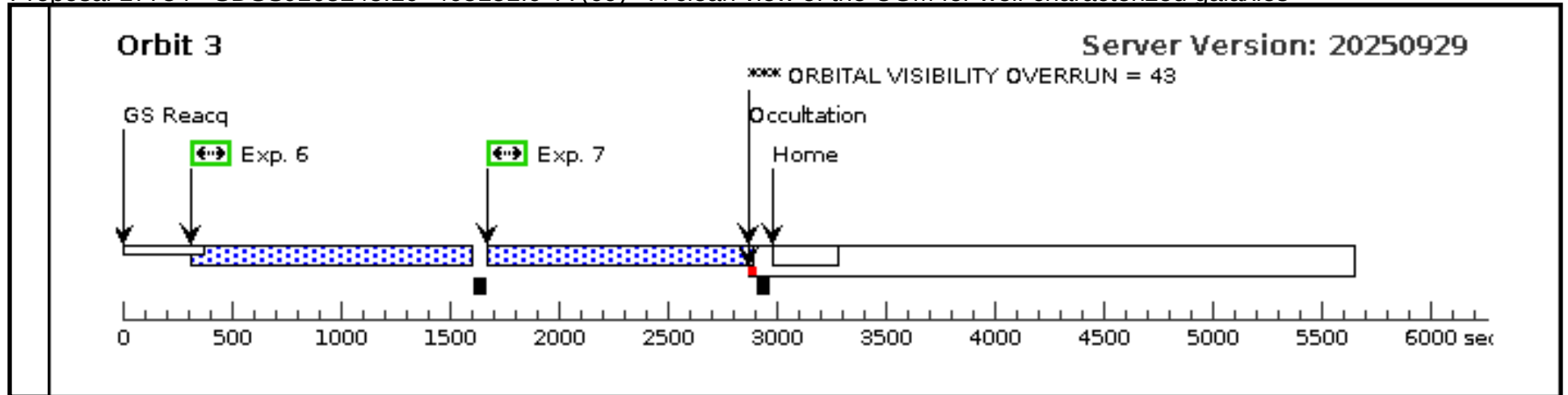
Server Version: 20250929



Orbit 2

Server Version: 20250929





Proposal 17734 - SDSSJ163245.10+405151.0 A (10) - A clean view of the CGM for well-characterized galaxies

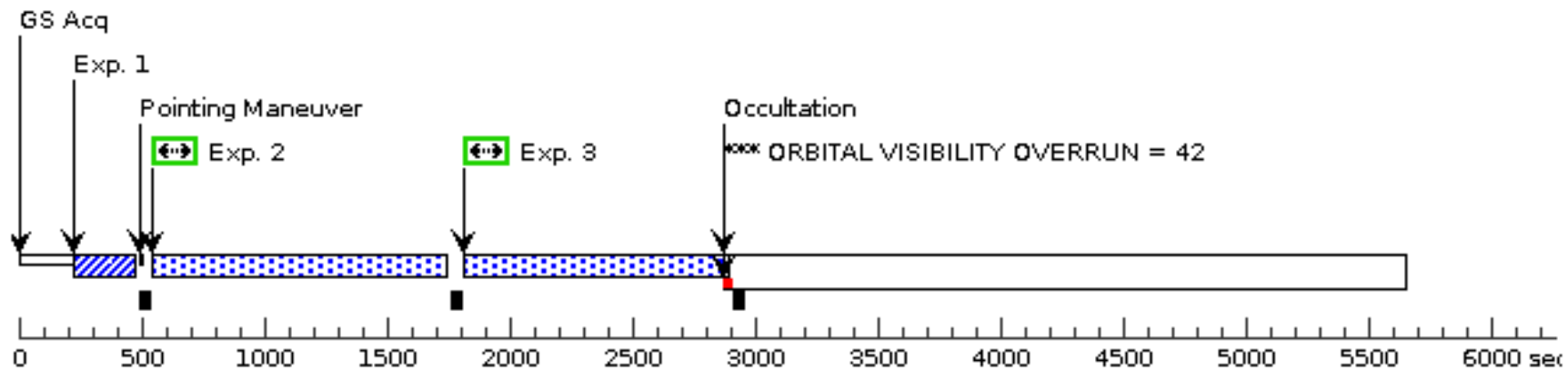
Visit	Proposal 17734, SDSSJ163245.10+405151.0_A (10), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ163245.10+405151.0_A (10)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ163245.10+405151.0_A (10)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ163245.10+405151.0_A (10)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ163245.10+405151.0_A (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ163245.10+405151.0_A (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ163245.10+405151.0_A (10)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	SDSSJ163245.10+405151.0	RA: 16 32 45.1600 (248.1881667d) Dec: +40 51 51.70 (40.86436d) Equinox: J2000	Epoch of Position: 2000	V=18.35+/-0.1 F=0.04E-14@1250; z=0.155	Reference Frame: ICRS
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ163245.10+405151.0 A (10) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1632 45.10+4051 51.0_ACQ2 (COS.ta.194 3433)	(4) SDSSJ163245.10 +405151.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-14 Count rate 83/sec									
	2	SDSSJ1632 45.10+4051 51.0_7 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404/sec S/N ~5.3									
	3	SDSSJ1632 45.10+4051 51.0_8 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1632 45.10+4051 51.0_9 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1632 45.10+4051 51.0_10 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.3									
	6	SDSSJ1632 45.10+4051 51.0_11 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 404/sec S/N ~5.3									
	7	SDSSJ1632 45.10+4051 51.0_12 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 404/sec S/N ~5.3									

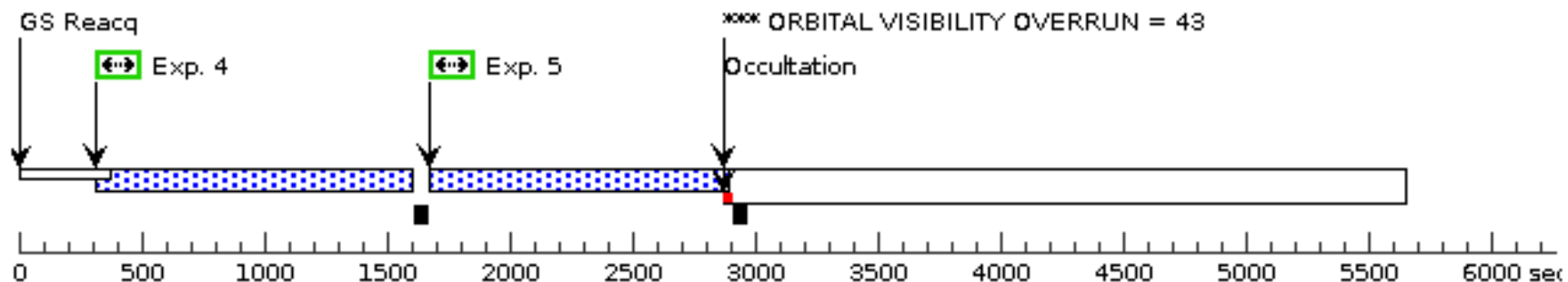
Orbit 1

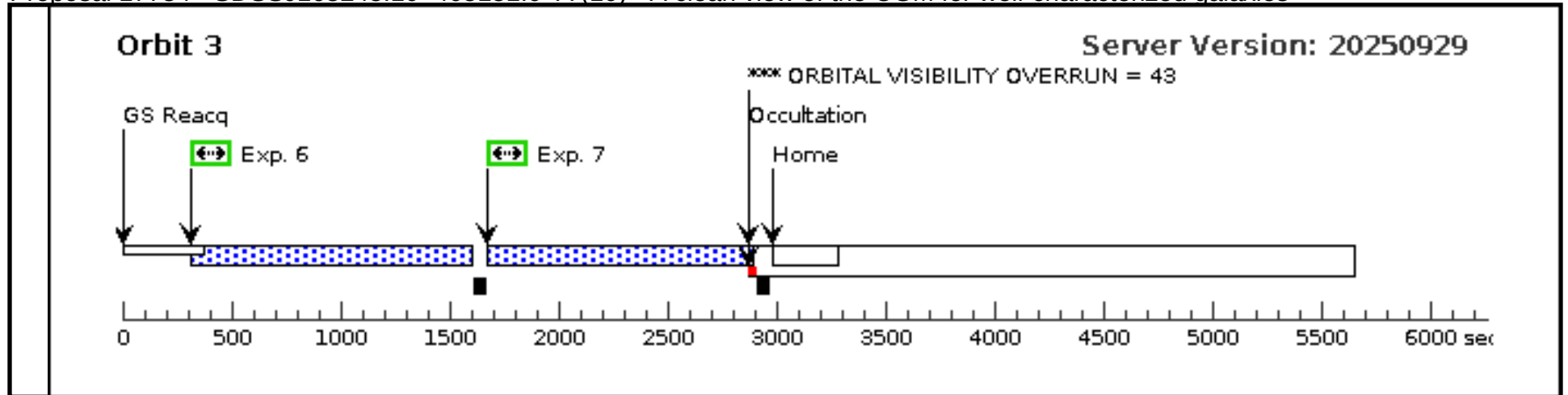
Server Version: 20250929



Orbit 2

Server Version: 20250929



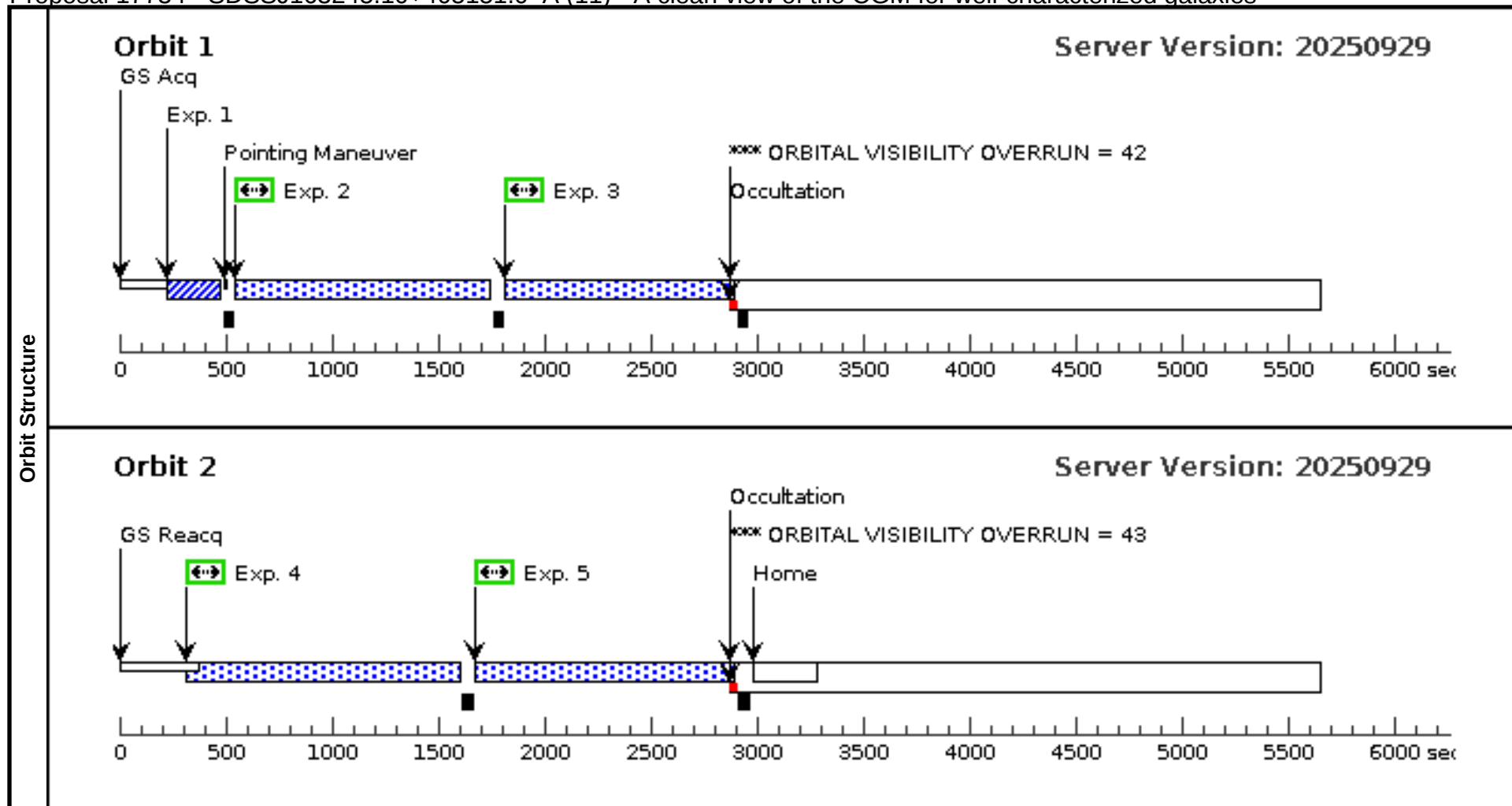


Proposal 17734 - SDSSJ163245.10+405151.0 A (11) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ163245.10+405151.0_A (11), completed Tue Mar 24 14:00:54 GMT 2026					
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ163245.10+405151.0_A (11)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ163245.10+405151.0_A (11)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ163245.10+405151.0_A (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ163245.10+405151.0_A (11)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(4)	SDSSJ163245.10+405151.0	RA: 16 32 45.1600 (248.1881667d) Dec: +40 51 51.70 (40.86436d) Equinox: J2000	Epoch of Position: 2000	V=18.35+/-0.1 F=0.04E-14@1250; z=0.155	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ163245.10+405151.0 A (11) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1632 45.10+4051 51.0_ACQ3 (COS.ta.194 3433)	(4) SDSSJ163245.10 +405151.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs)	
									[==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-14 Count rate 83/sec									
	2	SDSSJ1632 45.10+4051 51.0_13 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1028 Secs (1028 Secs)	
									[==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404/sec S/N ~5.3									
Exposures	3	SDSSJ1632 45.10+4051 51.0_14 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1028 Secs (1028 Secs)	
									[==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1632 45.10+4051 51.0_15 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs)	
									[==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.3									
Exposures	5	SDSSJ1632 45.10+4051 51.0_16 (COS.sp.192 8111)	(4) SDSSJ163245.10 +405151.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs)	
									[==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.3									

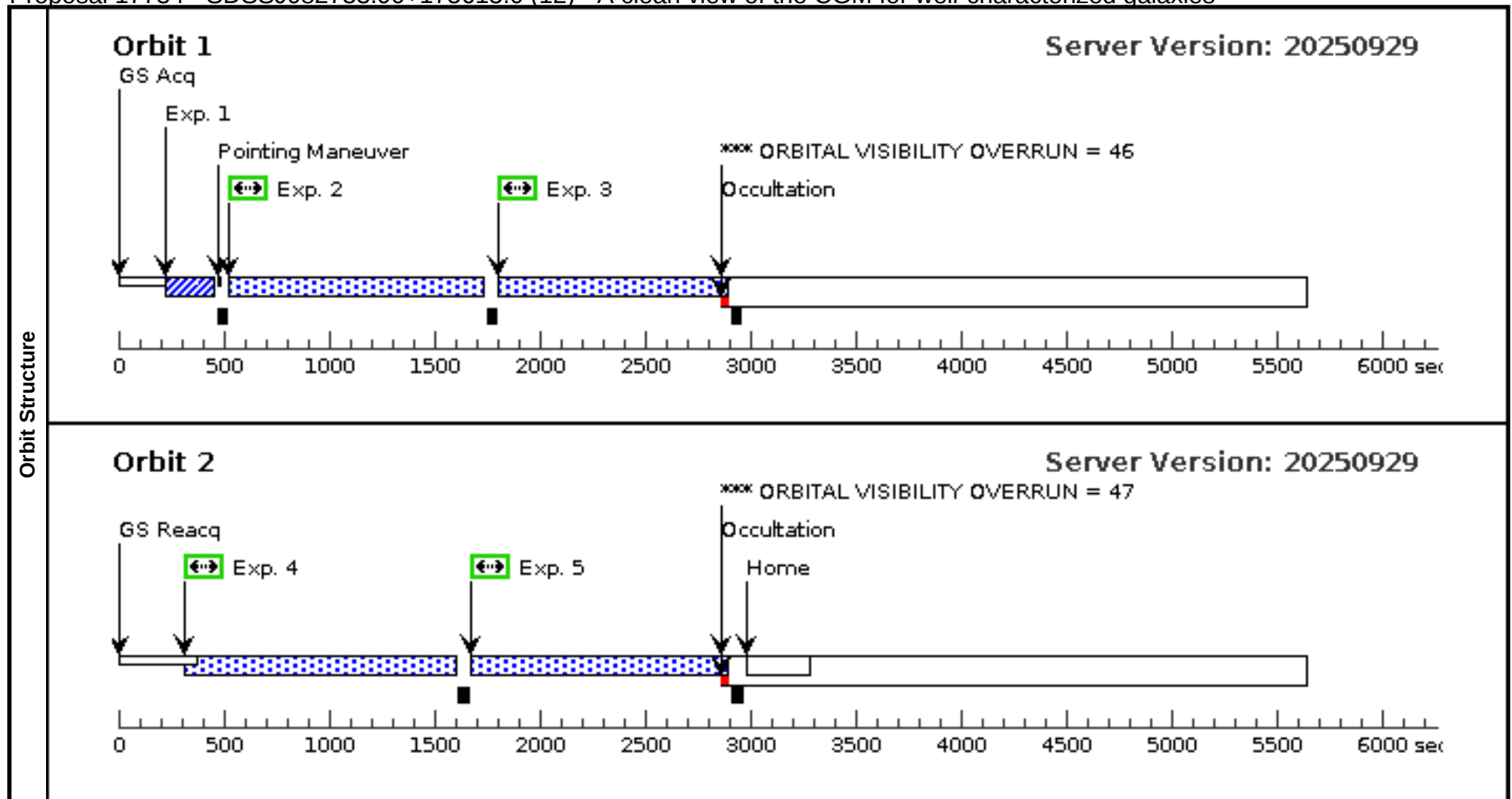


Proposal 17734 - SDSSJ082733.90+175613.0 (12) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ082733.90+175613.0 (12), completed Tue Mar 24 14:00:54 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ082733.90+175613.0 (12)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ082733.90+175613.0 (12)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ082733.90+175613.0 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ082733.90+175613.0 (12)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	SDSSJ082733.90+175613.0	RA: 08 27 33.8800 (126.8911667d) Dec: +17 56 13.20 (17.93700d) Equinox: J2000	Epoch of Position: 2000 	V=19.13+/-0.1 F=0.08E-14@1250; z=0.207
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[QSO] Extended=NO				

Proposal 17734 - SDSSJ082733.90+175613.0 (12) - A clean view of the CGM for well-characterized galaxies

[illegible]

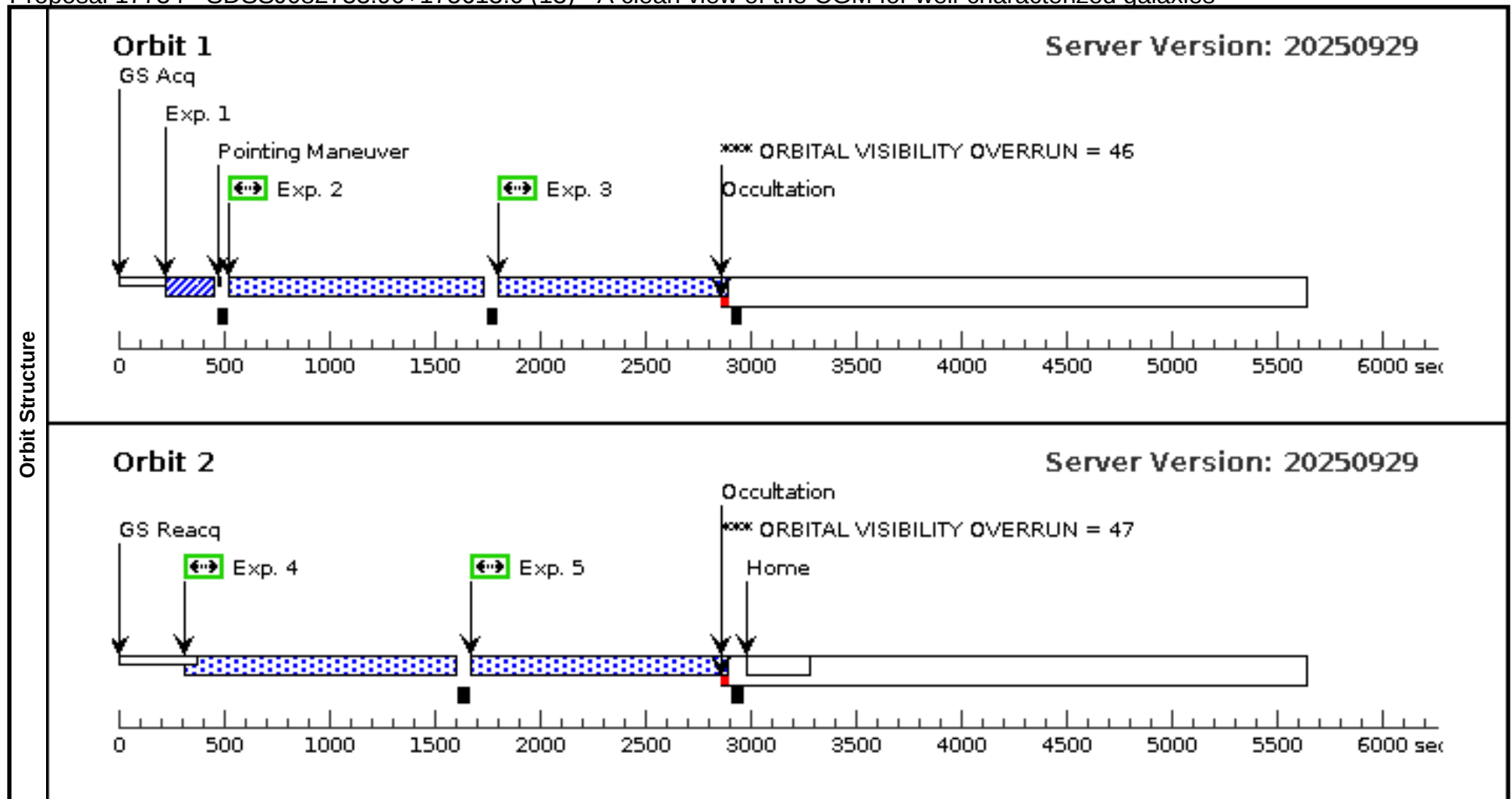


Proposal 17734 - SDSSJ082733.90+175613.0 (13) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ082733.90+175613.0 (13), failed Tue Mar 24 14:00:54 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ082733.90+175613.0 (13)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ082733.90+175613.0 (13)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ082733.90+175613.0 (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ082733.90+175613.0 (13)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(5)	SDSSJ082733.90+175613.0	RA: 08 27 33.8800 (126.8911667d) Dec: +17 56 13.20 (17.93700d) Equinox: J2000	Epoch of Position: 2000 	V=19.13+/-0.1 F=0.08E-14@1250; z=0.207
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[QSO] Extended=NO				

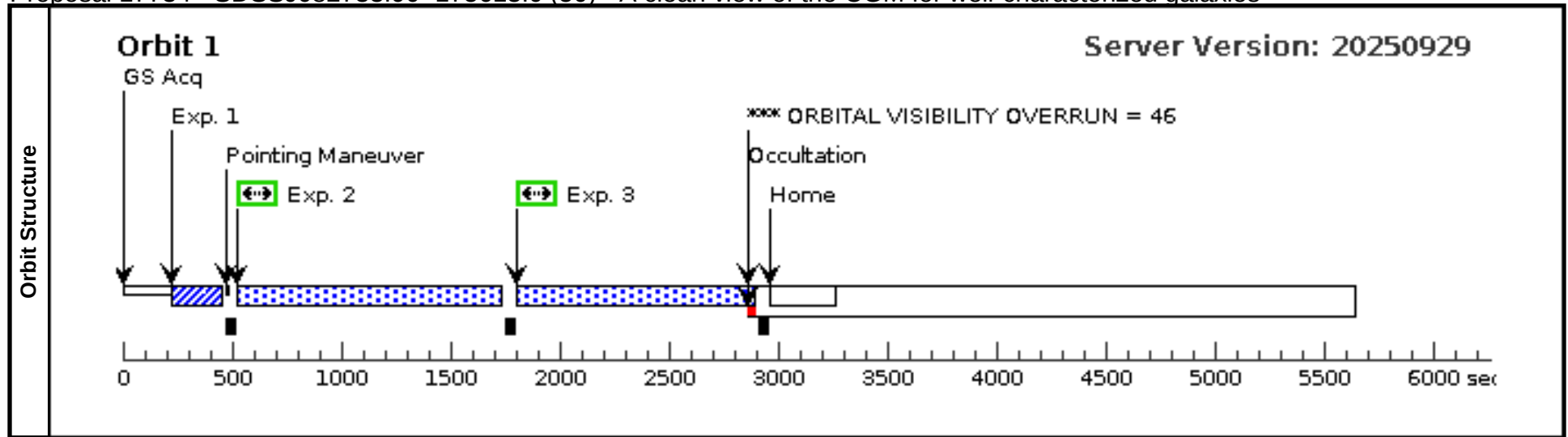
Proposal 17734 - SDSSJ082733.90+175613.0 (13) - A clean view of the CGM for well-characterized galaxies

[illegible]



Proposal 17734 - SDSSJ082733.90+175613.0 (50) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ082733.90+175613.0 (50), completed										Tue Mar 24 14:00:54 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: SCHED 100%											
Comments: HOPR repeat of first orbit in visit 13												
Diagnostics	(SDSSJ082733.90+175613.0 (50)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(SDSSJ082733.90+175613.0 (50)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(5)	SDSSJ082733.90+175613.0	RA: 08 27 33.8800 (126.8911667d) Dec: +17 56 13.20 (17.93700d) Equinox: J2000		Epoch of Position: 2000		V=19.13+/-0.1 F=0.08E-14@1250; z=0.207		Reference Frame: ICRS			
	Comments: Category=GALAXY Description=[QSO] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	SDSSJ082733.90+175613.0_ACQ2 (COS.ta.1943436)	(5) SDSSJ082733.90+175613.0	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				10 Secs (10 Secs)		
											[==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40;F=0.08E-14 Count rate 166/sec											
	2	SDSSJ082733.90+175613.0_5 (COS.sp.1928113)	(5) SDSSJ082733.90+175613.0	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; BUFFER-TIME=3500			1038 Secs (1038 Secs)		
											[==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 502/sec S/N ~7.6											
	3	SDSSJ082733.90+175613.0_6 (COS.sp.1928113)	(5) SDSSJ082733.90+175613.0	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; BUFFER-TIME=3500			1038 Secs (1038 Secs)		
										[==>]	[1]	
Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 502/sec S/N ~7.6												



Proposal 17734 - SDSSJ134235.70+261534.0 A (14) - A clean view of the CGM for well-characterized galaxies

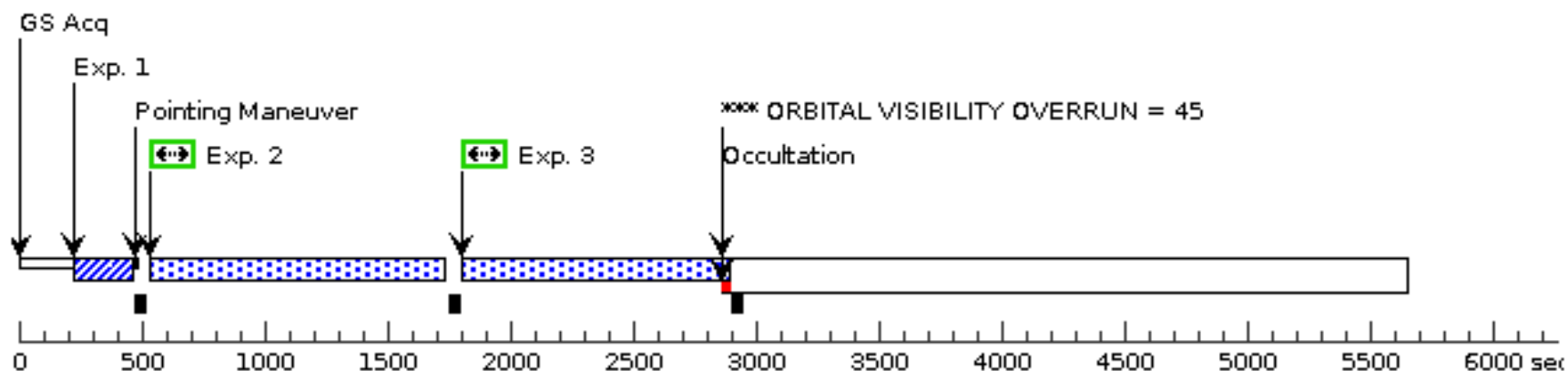
Visit	Proposal 17734, SDSSJ134235.70+261534.0_A (14), failed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ134235.70+261534.0_A (14)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ134235.70+261534.0_A (14)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ134235.70+261534.0_A (14)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ134235.70+261534.0_A (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ134235.70+261534.0_A (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ134235.70+261534.0_A (14)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	SDSSJ134235.70+261534.0	RA: 13 42 35.6600 (205.6485833d) Dec: +26 15 34.00 (26.25944d) Equinox: J2000	Epoch of Position: 2000	V=18.02+/-0.1 F=0.06E-14@1250; z=0.064	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ134235.70+261534.0 A (14) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1342 35.70+2615 34.0_ACQ1 (COS.ta.194 3435)	(6) SDSSJ134235.70 +261534.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				13 Secs (13 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40;F=0.06E-14 Count rate 124/sec									
	2	SDSSJ1342 35.70+2615 34.0_1 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1034 Secs (1034 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 453/sec S/N ~6.5									
	3	SDSSJ1342 35.70+2615 34.0_2 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1033 Secs (1033 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 452/sec S/N ~6.5									
	4	SDSSJ1342 35.70+2615 34.0_3 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 453/sec S/N ~6.5									
	5	SDSSJ1342 35.70+2615 34.0_4 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1164 Secs (1164 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 452/sec S/N ~6.5									
	6	SDSSJ1342 35.70+2615 34.0_5 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 453/sec S/N ~6.5									
	7	SDSSJ1342 35.70+2615 34.0_6 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1164 Secs (1164 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 452/sec S/N ~6.5									

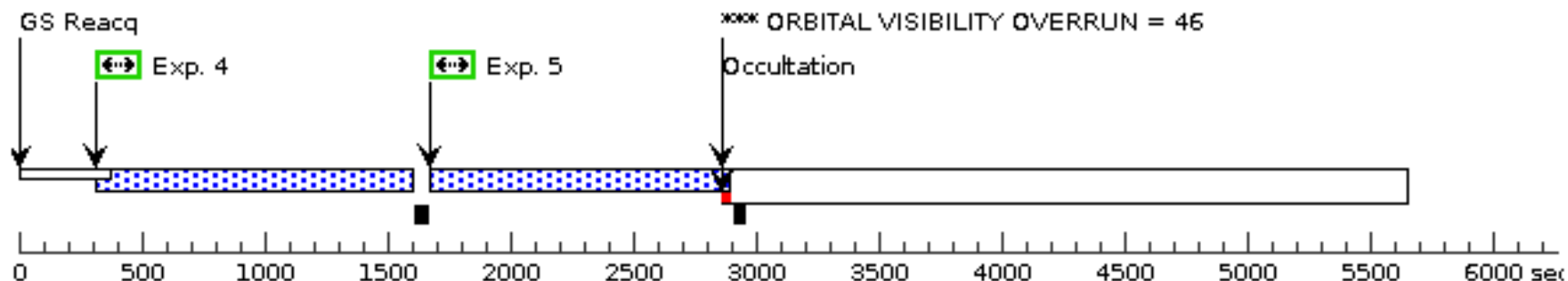
Orbit 1

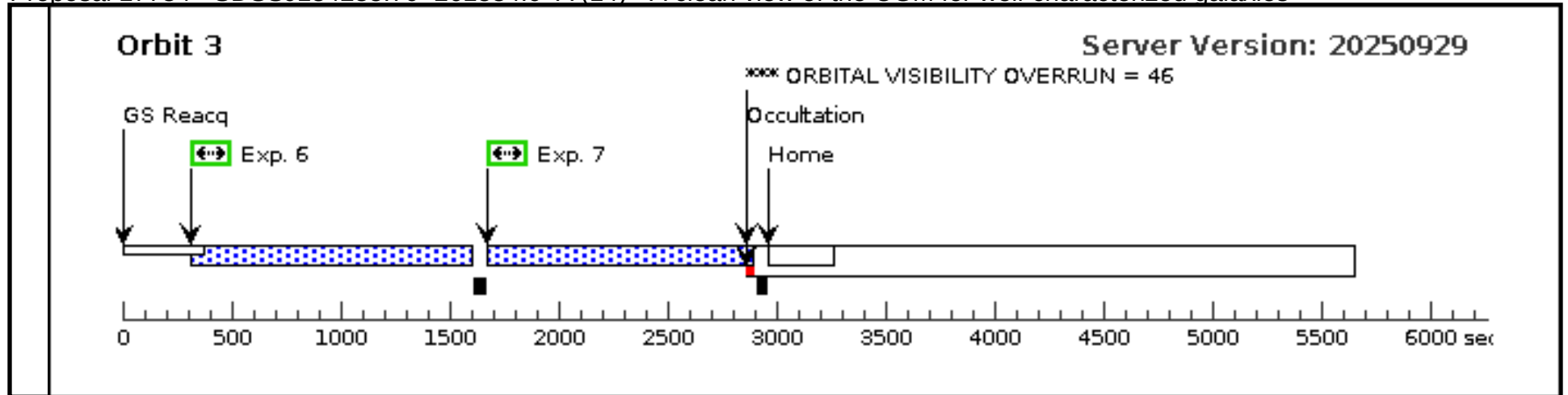
Server Version: 20250929



Orbit 2

Server Version: 20250929





Proposal 17734 - SDSSJ134235.70+261534.0 A (15) - A clean view of the CGM for well-characterized galaxies

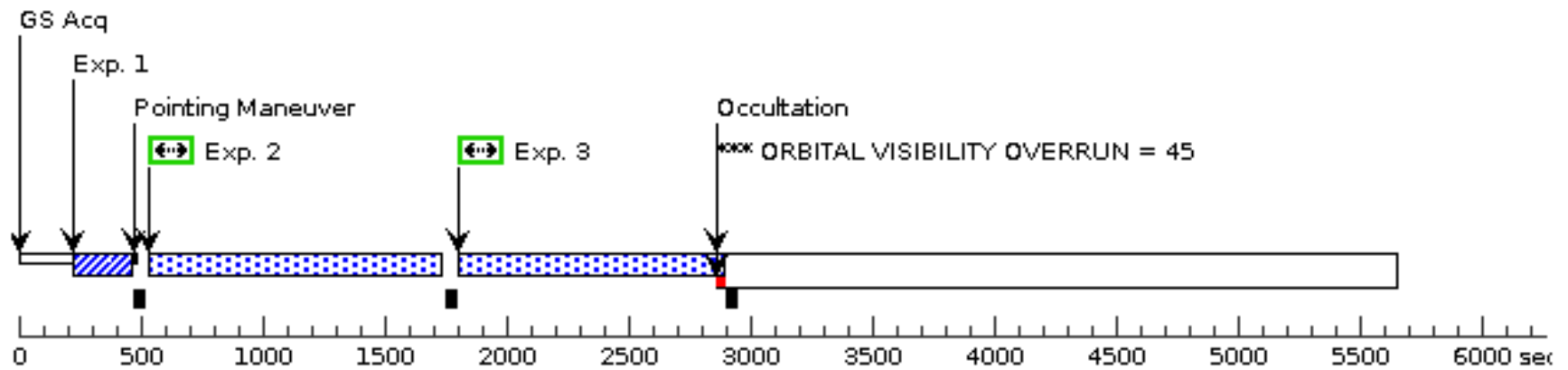
Visit	Proposal 17734, SDSSJ134235.70+261534.0_A (15), failed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ134235.70+261534.0_A (15)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ134235.70+261534.0_A (15)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ134235.70+261534.0_A (15)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ134235.70+261534.0_A (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ134235.70+261534.0_A (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ134235.70+261534.0_A (15)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	SDSSJ134235.70+261534.0	RA: 13 42 35.6600 (205.6485833d) Dec: +26 15 34.00 (26.25944d) Equinox: J2000	Epoch of Position: 2000	V=18.02+/-0.1 F=0.06E-14@1250; z=0.064	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ134235.70+261534.0 A (15) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1342 35.70+2615 34.0_ACQ2 (COS.ta.194 3435)	(6) SDSSJ134235.70 +261534.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				13 Secs (13 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40;F=0.06E-14 Count rate 124/sec									
	2	SDSSJ1342 35.70+2615 34.0_7 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1034 Secs (1034 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 453/sec S/N ~6.5									
	3	SDSSJ1342 35.70+2615 34.0_8 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1033 Secs (1033 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 452/sec S/N ~6.5									
	4	SDSSJ1342 35.70+2615 34.0_9 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 453/sec S/N ~6.5									
	5	SDSSJ1342 35.70+2615 34.0_10 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1164 Secs (1164 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 452/sec S/N ~6.5									
	6	SDSSJ1342 35.70+2615 34.0_11 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 453/sec S/N ~6.5									
	7	SDSSJ1342 35.70+2615 34.0_12 (COS.sp.192 8112)	(6) SDSSJ134235.70 +261534.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1164 Secs (1164 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 452/sec S/N ~6.5									

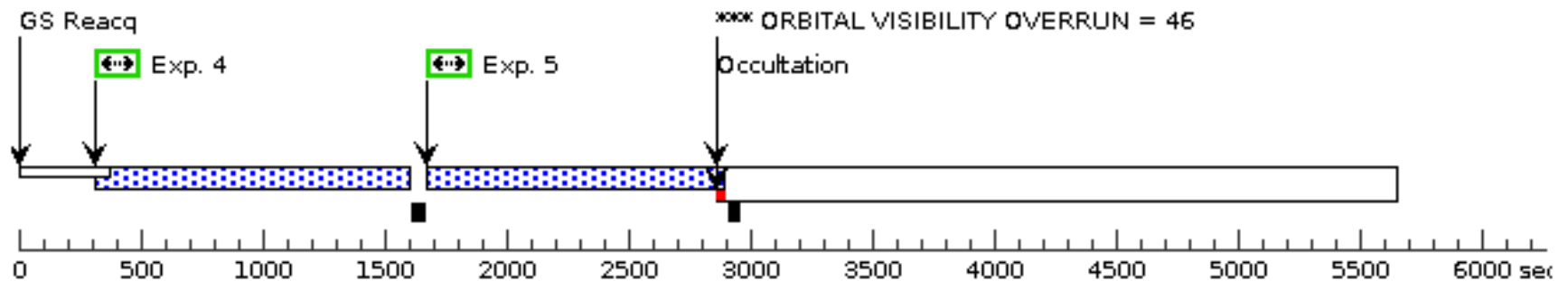
Orbit 1

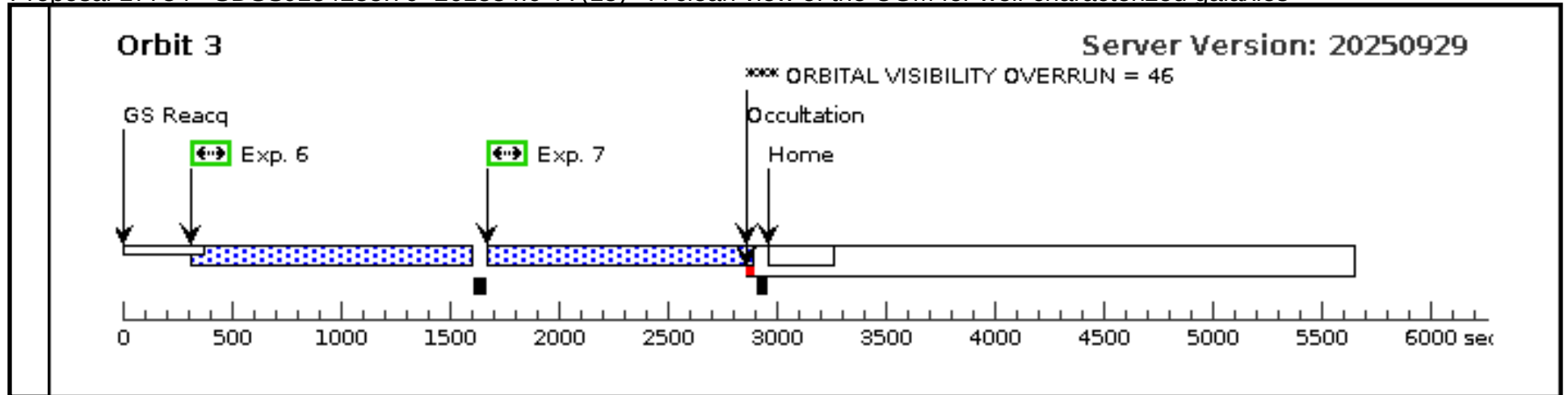
Server Version: 20250929



Orbit 2

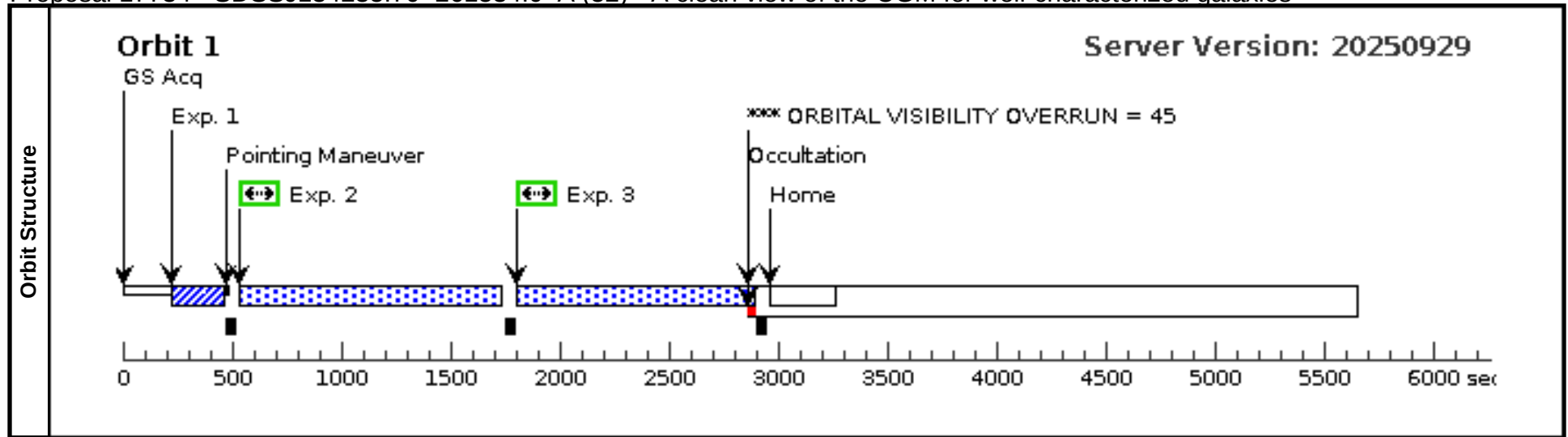
Server Version: 20250929





Proposal 17734 - SDSSJ134235.70+261534.0 A (52) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ134235.70+261534.0_A (52), failed										Tue Mar 24 14:00:54 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: SCHED 100%											
Comments: HOPR repeat of first orbit of visit 15.												
Diagnostics	(SDSSJ134235.70+261534.0_A (52)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(SDSSJ134235.70+261534.0_A (52)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	SDSSJ134235.70+261534.0	RA: 13 42 35.6600 (205.6485833d) Dec: +26 15 34.00 (26.25944d) Equinox: J2000			Epoch of Position: 2000		V=18.02+/-0.1 F=0.06E-14@1250; z=0.064		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[QSO] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	SDSSJ134235.70+261534.0_ACQ2 (COS.ta.1943435)	(6) SDSSJ134235.70+261534.0	COS/NUV, ACQ/IMAGE, PSA		MIRRORA					13 Secs (13 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40;F=0.06E-14 Count rate 124/sec											
	2	SDSSJ134235.70+261534.0_7 (COS.sp.1928112)	(6) SDSSJ134235.70+261534.0	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; BUFFER-TIME=3500				1034 Secs (1034 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 453/sec S/N ~6.5											
	3	SDSSJ134235.70+261534.0_8 (COS.sp.1928112)	(6) SDSSJ134235.70+261534.0	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; BUFFER-TIME=3500				1033 Secs (1033 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 452/sec S/N ~6.5											

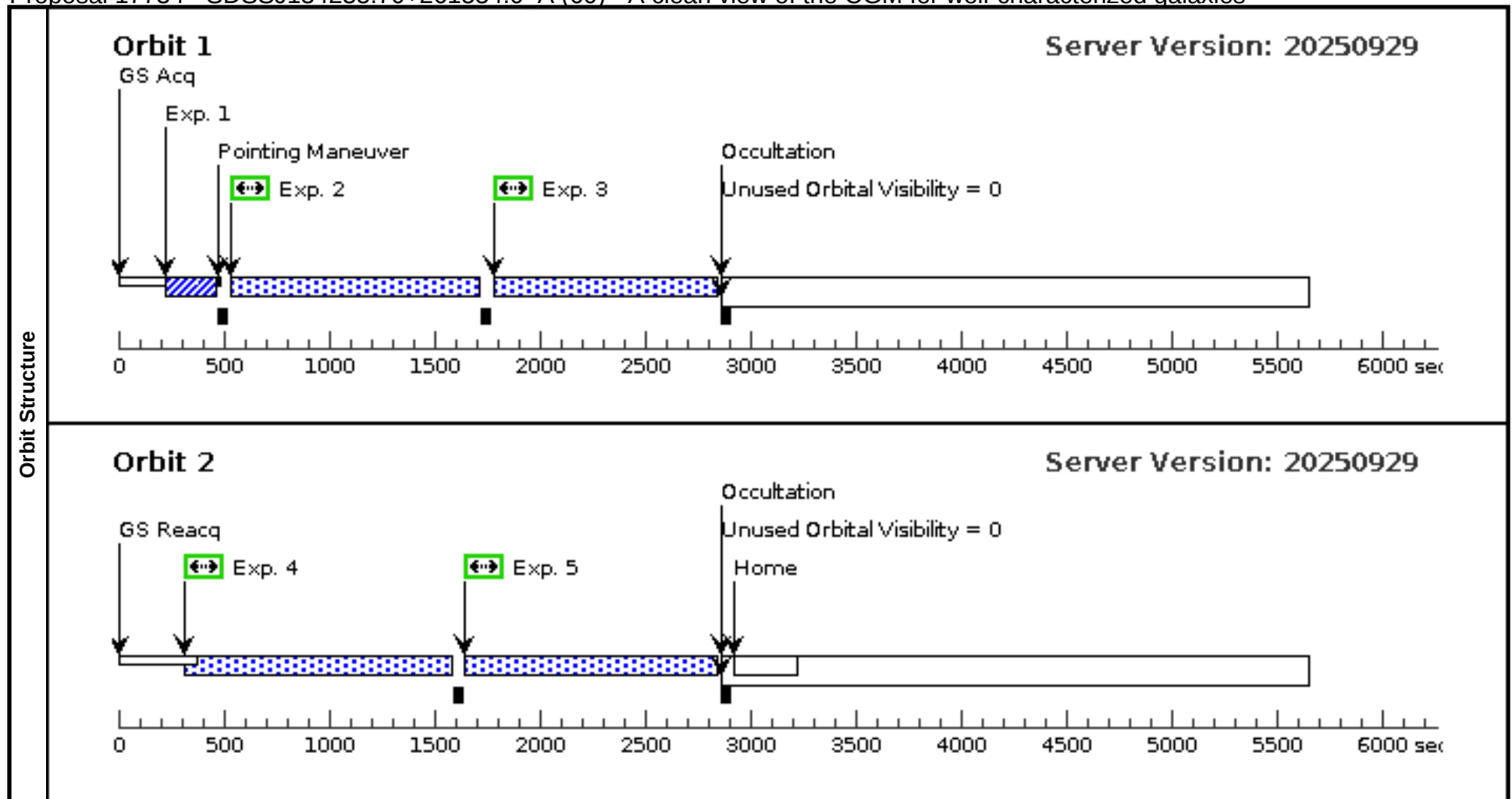


Proposal 17734 - SDSSJ134235.70+261534.0 A (60) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ134235.70+261534.0_A (60)					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ134235.70+261534.0_A (60)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ134235.70+261534.0_A (60)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(6)	SDSSJ134235.70+261534.0	RA: 13 42 35.6600 (205.6485833d) Dec: +26 15 34.00 (26.25944d) Equinox: J2000	Epoch of Position: 2000	V=18.02+/-0.1 F=0.06E-14@1250; z=0.064	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ134235.70+261534.0 A (60) - A clean view of the CGM for well-characterized galaxies

[illegible]

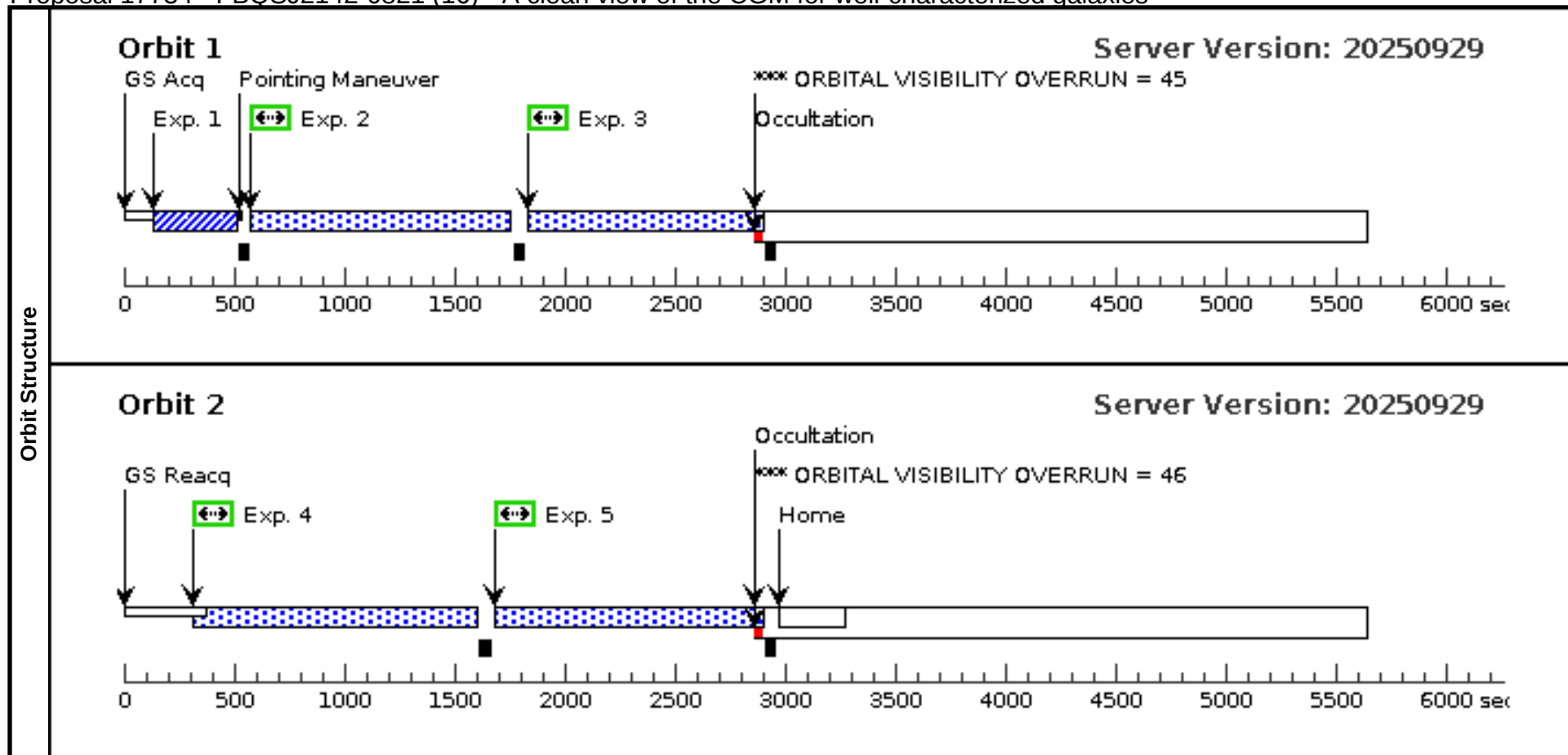


Proposal 17734 - FBQSJ2142-0821 (16) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, FBQSJ2142-0821 (16), completed Tue Mar 24 14:00:54 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(FBQSJ2142-0821 (16)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (FBQSJ2142-0821 (16)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (FBQSJ2142-0821 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (FBQSJ2142-0821 (16)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(7)	FBQSJ2142-0821	RA: 21 42 25.3300 (325.6055417d) Dec: -08 21 22.00 (-8.35611d) Equinox: J2000	Epoch of Position: 2000 	V=16.66+/-0.1 F=0.26E-14@1250; z=0.570
Fixed Targets	Miscellaneous Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[QSO] Extended=NO				

Proposal 17734 - FBQSJ2142-0821 (16) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	FBQSJ2142-0821_ACQ 1	(7) FBQSJ2142-0821	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				34 Secs (34 Secs)	
		1 (COS.ta.194 3446)							[==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.26E-14 Count rate 27/sec									
	2	FBQSJ2142-0821_1	(7) FBQSJ2142-0821	COS/FUV, TIME-TAG, PSA	G130M	FP-POS=3;			1014 Secs (1014 Secs)	
		1 (COS.sp.192 8123)			1291 A	BUFFER-TIME=35 00			[==>]	[1]
Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 945/sec S/N ~13.7										
Exposures	3	FBQSJ2142-0821_2	(7) FBQSJ2142-0821	COS/FUV, TIME-TAG, PSA	G130M	FP-POS=4;			1014 Secs (1014 Secs)	
		1 (COS.sp.192 8123)			1291 A	BUFFER-TIME=35 00			[==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 945/sec S/N ~13.7									
	4	FBQSJ2142-0821_3	(7) FBQSJ2142-0821	COS/FUV, TIME-TAG, PSA	G130M	FP-POS=3;			1170 Secs (1170 Secs)	
		1 (COS.sp.192 8123)			1291 A	BUFFER-TIME=35 00			[==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 945/sec S/N ~13.7									
Exposures	5	FBQSJ2142-0821_4	(7) FBQSJ2142-0821	COS/FUV, TIME-TAG, PSA	G130M	FP-POS=4;			1165 Secs (1165 Secs)	
		1 (COS.sp.192 8123)			1291 A	BUFFER-TIME=35 00			[==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 945/sec S/N ~13.7									

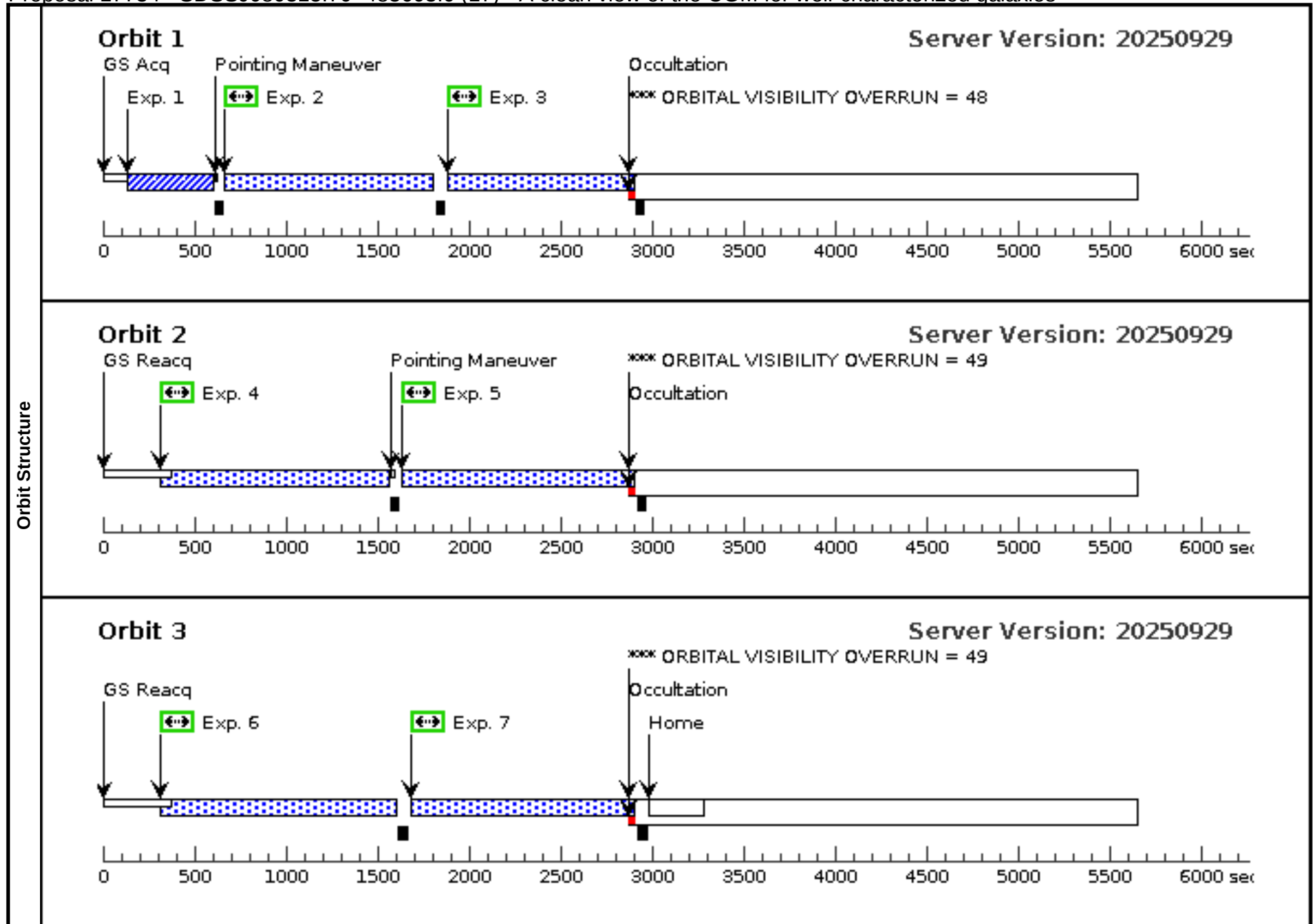


Proposal 17734 - SDSSJ080315.70+483603.0 (17) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ080315.70+483603.0 (17), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ080315.70+483603.0 (17)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ080315.70+483603.0 (17)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ080315.70+483603.0 (17)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ080315.70+483603.0 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ080315.70+483603.0 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ080315.70+483603.0 (17)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	SDSSJ080315.70+483603.0	RA: 08 03 15.6800 (120.8153333d) Dec: +48 36 3.10 (48.60086d) Equinox: J2000	Epoch of Position: 2000	V=18.26+/-0.1 F=0.11E-14@1250; z=0.635	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ080315.70+483603.0 (17) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ0803 15.70+4836 03.0_ACQ1 (COS.ta.194 3440)	(8) SDSSJ080315.70 +483603.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				80 Secs (80 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.11E-14 Count rate 11/sec									
	2	SDSSJ0803 15.70+4836 03.0_1 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			971 Secs (971 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 577/sec S/N ~8.9									
	3	SDSSJ0803 15.70+4836 03.0_2 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			972 Secs (972 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 577/sec S/N ~8.9									
	4	SDSSJ0803 15.70+4836 03.0_3 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1130 Secs (1130 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 577/sec S/N ~8.9									
	5	SDSSJ0803 15.70+4836 03.0_4 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=35 00			1127 Secs (1127 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 577/sec S/N ~8.9									
	6	SDSSJ0803 15.70+4836 03.0_5 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=35 00			1171 Secs (1171 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 577/sec S/N ~8.9									
	7	SDSSJ0803 15.70+4836 03.0_6 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=35 00			1171 Secs (1171 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 577/sec S/N ~8.9									



Proposal 17734 - SDSSJ125958.10+523322.0 A (18) - A clean view of the CGM for well-characterized galaxies

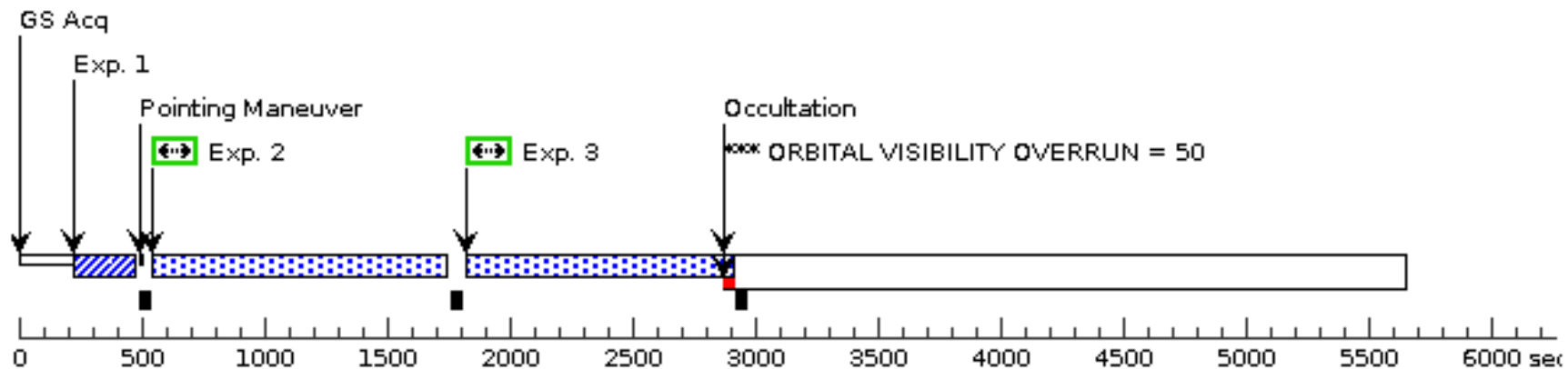
Visit	Proposal 17734, SDSSJ125958.10+523322.0_A (18), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ125958.10+523322.0_A (18)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ125958.10+523322.0_A (18)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ125958.10+523322.0_A (18)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ125958.10+523322.0_A (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ125958.10+523322.0_A (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ125958.10+523322.0_A (18)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	SDSSJ125958.10+523322.0	RA: 12 59 58.2500 (194.9927083d) Dec: +52 33 23.00 (52.55639d) Equinox: J2000	Epoch of Position: 2000	V=19.29+/-0.1 F=0.04E-14@1250; z=0.615	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ125958.10+523322.0 A (18) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1259 58.10+5233 22.0_ACQ1 (COS.ta.194 3433)	(9) SDSSJ125958.10 +523322.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-14 Count rate 83/sec									
	2	SDSSJ1259 58.10+5233 22.0_1 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1034 Secs (1034 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, first half of orbit 1 total count rate 404/sec S/N ~5.3									
	3	SDSSJ1259 58.10+5233 22.0_2 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1035 Secs (1035 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1259 58.10+5233 22.0_3 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, first half of orbit 2 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1259 58.10+5233 22.0_4 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.3									
	6	SDSSJ1259 58.10+5233 22.0_5 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, first half of orbit 3 total count rate 404/sec S/N ~5.3									
	7	SDSSJ1259 58.10+5233 22.0_6 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 404/sec S/N ~5.3									

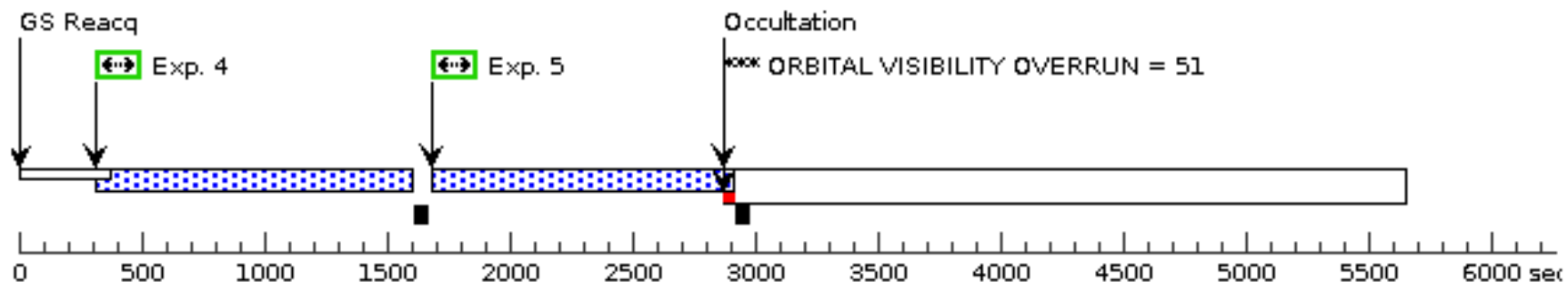
Orbit 1

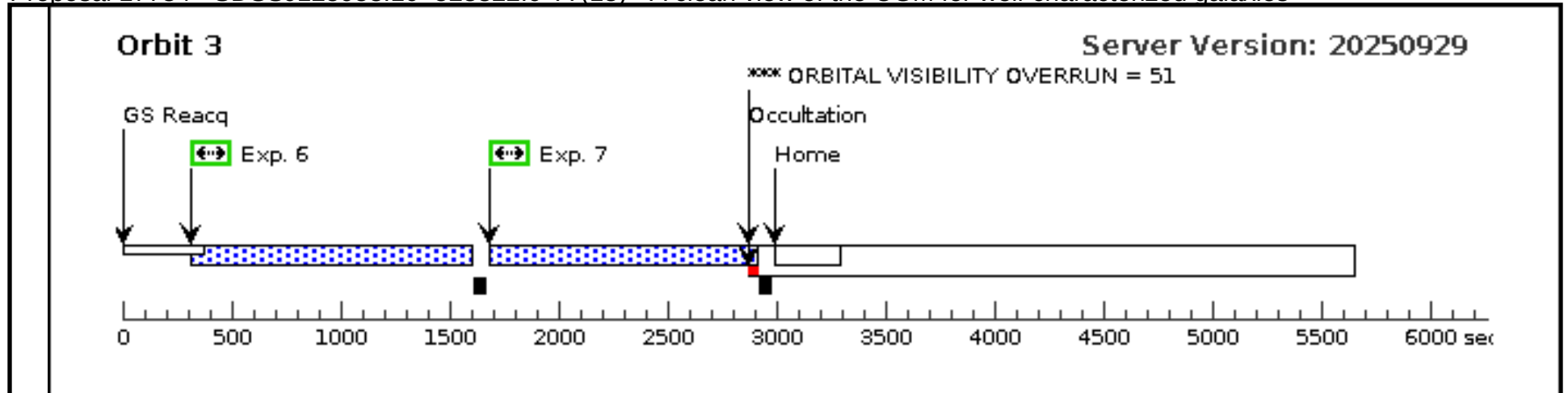
Server Version: 20250929



Orbit 2

Server Version: 20250929





Proposal 17734 - SDSSJ125958.10+523322.0 A (19) - A clean view of the CGM for well-characterized galaxies

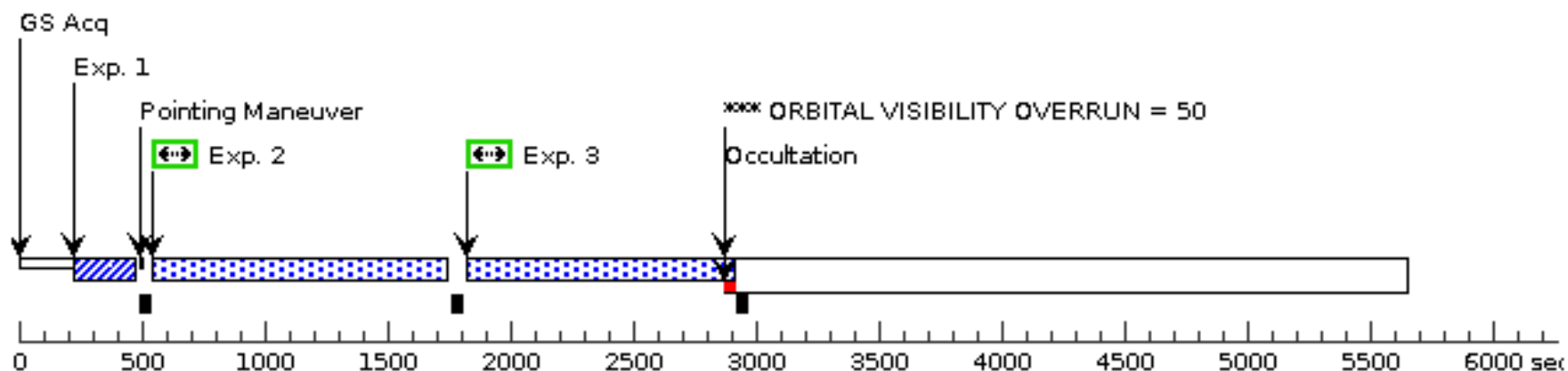
Visit	Proposal 17734, SDSSJ125958.10+523322.0_A (19), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ125958.10+523322.0_A (19)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ125958.10+523322.0_A (19)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ125958.10+523322.0_A (19)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ125958.10+523322.0_A (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ125958.10+523322.0_A (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ125958.10+523322.0_A (19)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(9)	SDSSJ125958.10+523322.0	RA: 12 59 58.2500 (194.9927083d) Dec: +52 33 23.00 (52.55639d) Equinox: J2000	Epoch of Position: 2000	V=19.29+/-0.1 F=0.04E-14@1250; z=0.615	Reference Frame: ICRS
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ125958.10+523322.0 A (19) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1259 58.10+5233 22.0_ACQ2 (COS.ta.194 3433)	(9) SDSSJ125958.10 +523322.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-14 Count rate 83/sec									
	2	SDSSJ1259 58.10+5233 22.0_7 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1034 Secs (1034 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, first half of orbit 1 total count rate 404/sec S/N ~5.3									
	3	SDSSJ1259 58.10+5233 22.0_8 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1035 Secs (1035 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1259 58.10+5233 22.0_9 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, first half of orbit 2 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1259 58.10+5233 22.0_10 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.3									
	6	SDSSJ1259 58.10+5233 22.0_11 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, first half of orbit 3 total count rate 404/sec S/N ~5.3									
	7	SDSSJ1259 58.10+5233 22.0_12 (COS.sp.192 8111)	(9) SDSSJ125958.10 +523322.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 404/sec S/N ~5.3									

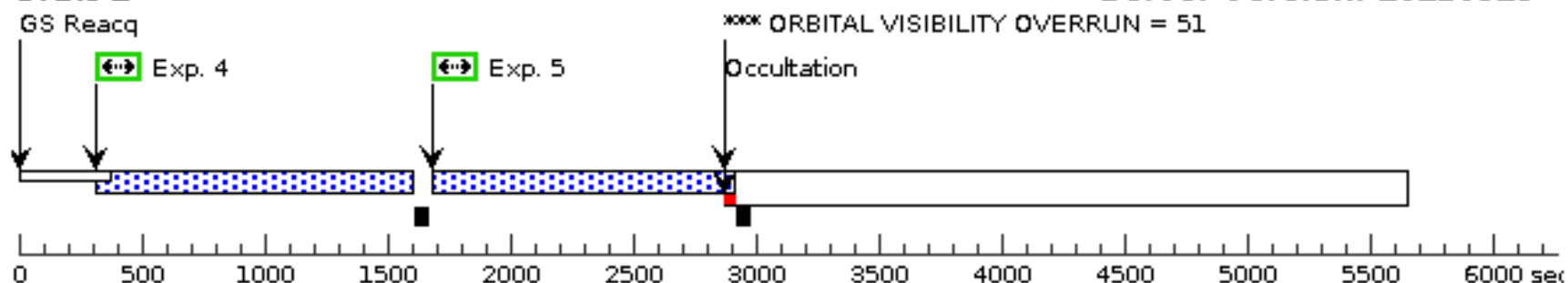
Orbit 1

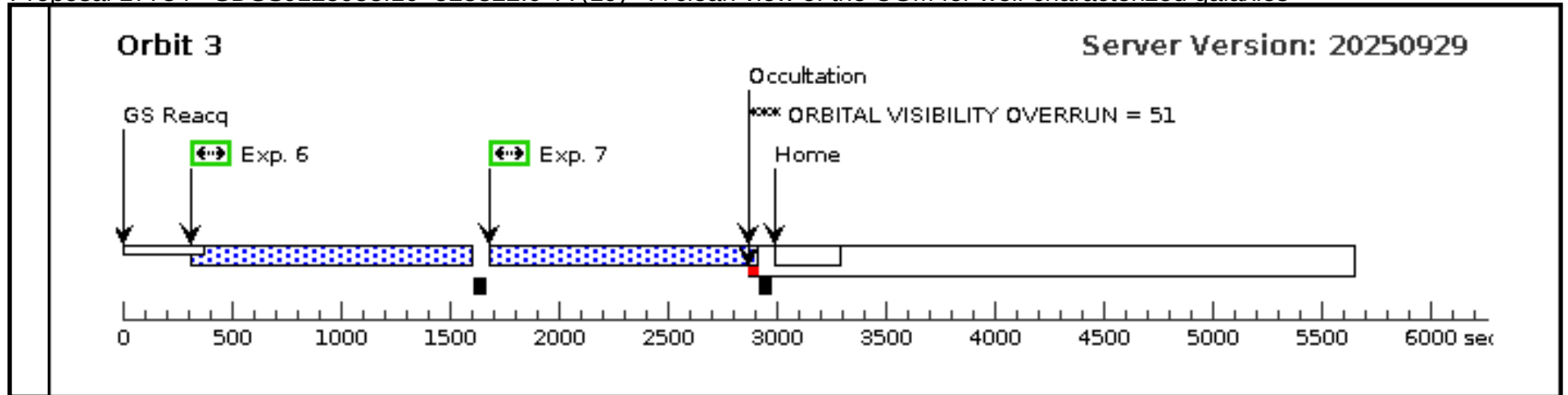
Server Version: 20250929



Orbit 2

Server Version: 20250929



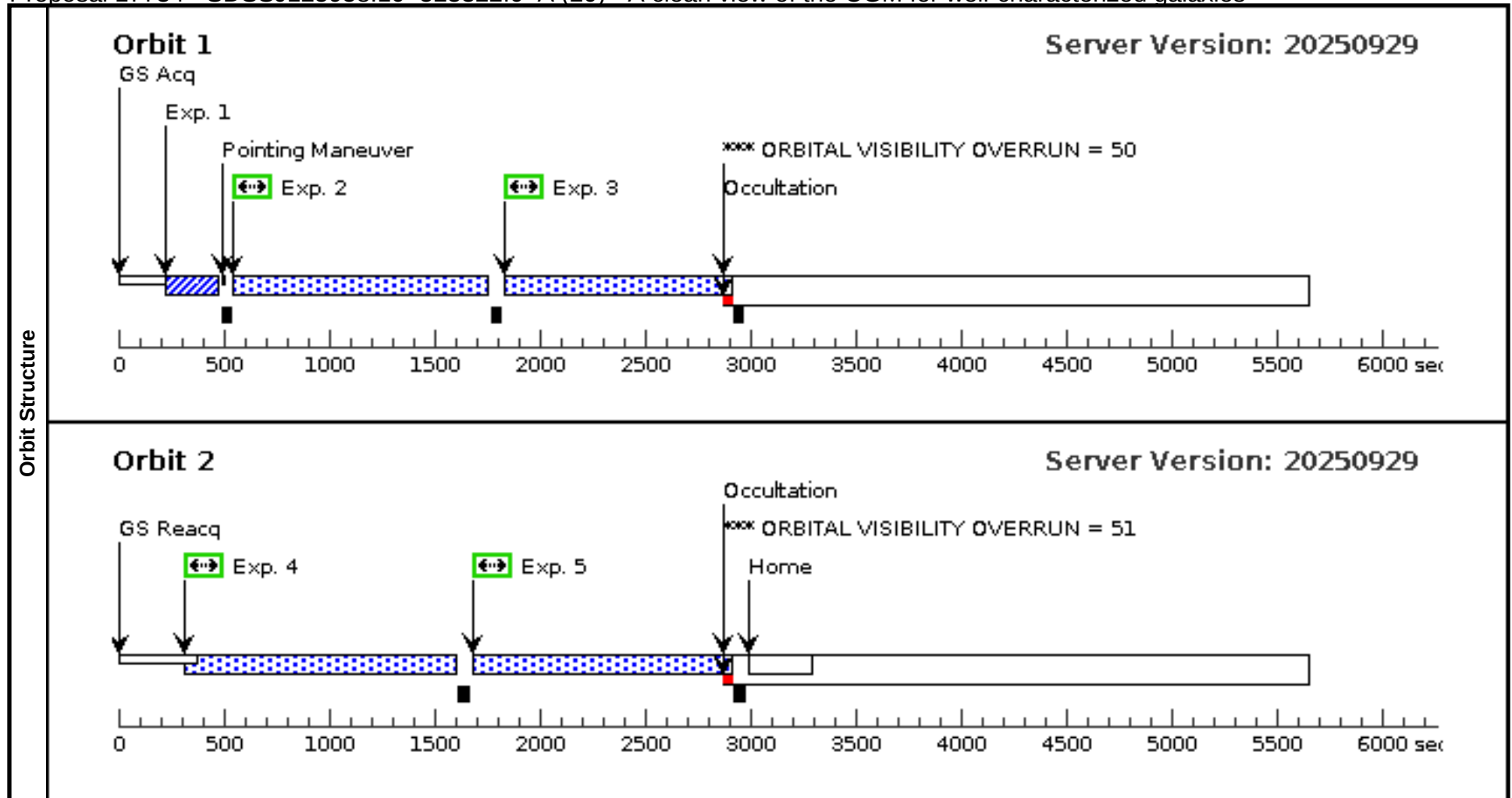


Proposal 17734 - SDSSJ125958.10+523322.0 A (20) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ125958.10+523322.0_A (20), completed Tue Mar 24 14:00:54 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ125958.10+523322.0_A (20)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ125958.10+523322.0_A (20)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ125958.10+523322.0_A (20)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ125958.10+523322.0_A (20)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(9)	SDSSJ125958.10+523322.0	RA: 12 59 58.2500 (194.9927083d) Dec: +52 33 23.00 (52.55639d) Equinox: J2000	Epoch of Position: 2000 	V=19.29+/-0.1 F=0.04E-14@1250; z=0.615
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

Proposal 17734 - SDSSJ125958.10+523322.0 A (20) - A clean view of the CGM for well-characterized galaxies

[illegible]

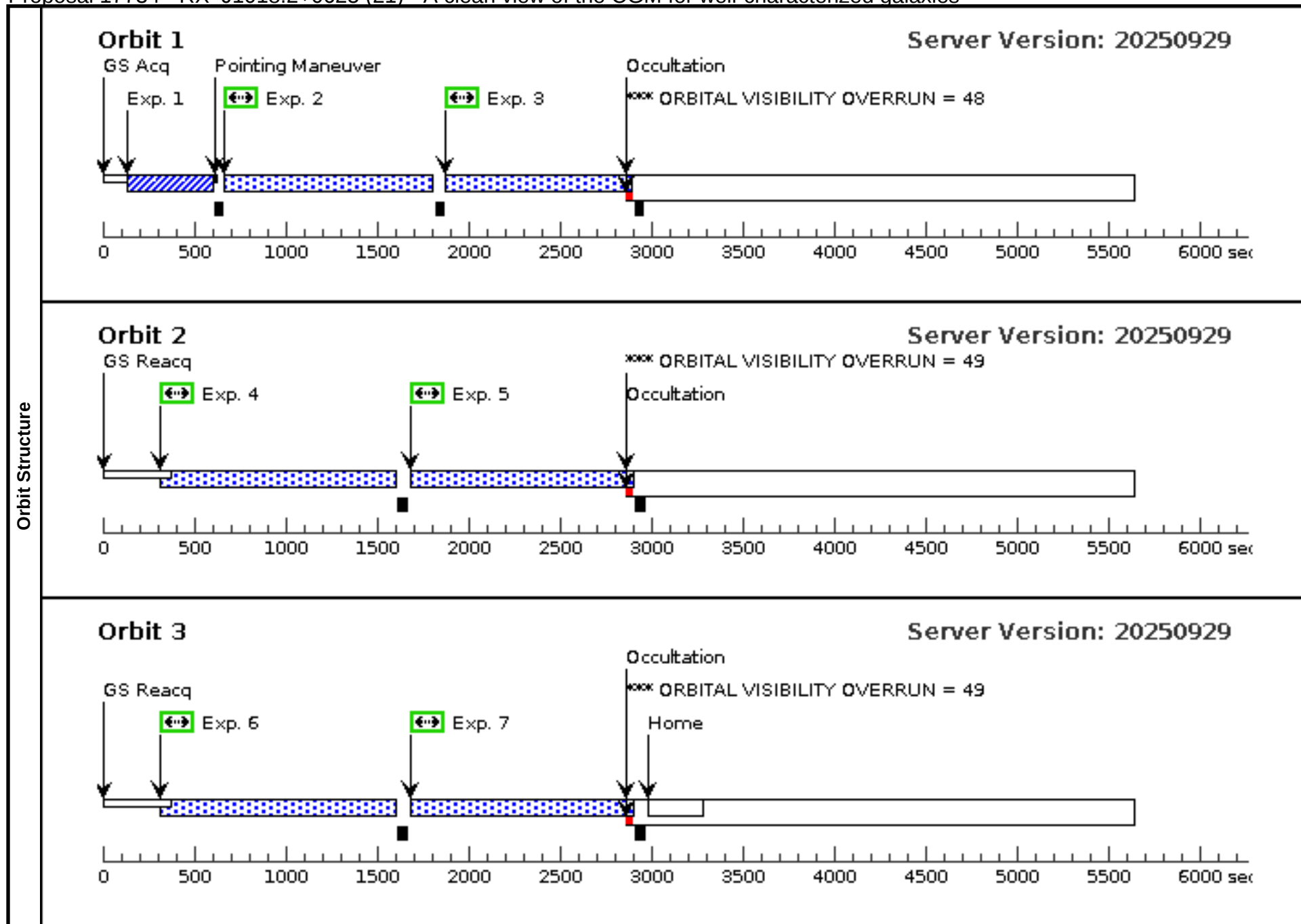


Proposal 17734 - RX J1018.2+0625 (21) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, RX_J1018.2+0625 (21), failed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(RX_J1018.2+0625 (21)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(RX_J1018.2+0625 (21)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(RX_J1018.2+0625 (21)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(RX_J1018.2+0625 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(RX_J1018.2+0625 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(RX_J1018.2+0625 (21)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(10)	RXJ1018.2+0625	RA: 10 18 16.3500 (154.5681250d) Dec: +06 25 56.20 (6.43228d) Equinox: J2000	Epoch of Position: 2000	V=18.40+/-0.1 F=0.11E-14@1250; z=0.170	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

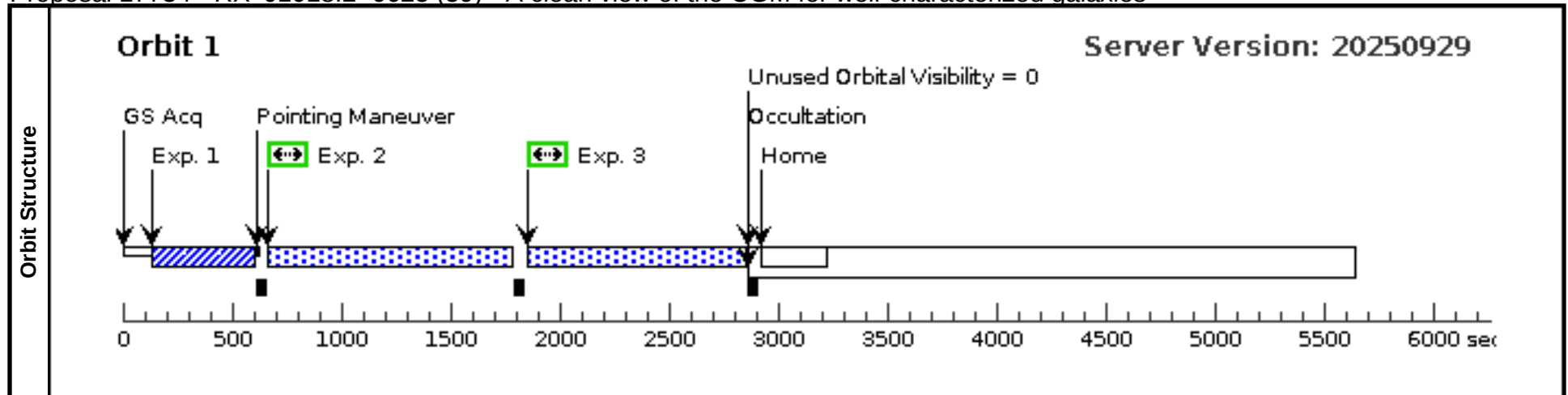
Proposal 17734 - RX J1018.2+0625 (21) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	RX_J1018.2 +0625_ACQ 1 (COS.ta.194 3440)	(10) RXJ1018.2+0625	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				80 Secs (80 Secs)		
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.11E-14 Count rate 11/sec									[>=>]	[1]
	2	RX_J1018.2 +0625_1 (COS.sp.192 8116)	(10) RXJ1018.2+0625	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			969 Secs (969 Secs)		
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 577/sec S/N ~8.9									[>=>]	[1]
	3	RX_J1018.2 +0625_2 (COS.sp.192 8116)	(10) RXJ1018.2+0625	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			970 Secs (970 Secs)		
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 577/sec S/N ~8.9									[>=>]	[1]
	4	RX_J1018.2 +0625_3 (COS.sp.192 8116)	(10) RXJ1018.2+0625	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1169 Secs (1169 Secs)		
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 577/sec S/N ~8.9									[>=>]	[2]
	5	RX_J1018.2 +0625_4 (COS.sp.192 8116)	(10) RXJ1018.2+0625	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1169 Secs (1169 Secs)		
Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 577/sec S/N ~8.9									[>=>]	[2]	
6	RX_J1018.2 +0625_5 (COS.sp.192 8116)	(10) RXJ1018.2+0625	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1169 Secs (1169 Secs)			
Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 577/sec S/N ~8.9									[>=>]	[3]	
7	RX_J1018.2 +0625_6 (COS.sp.192 8116)	(10) RXJ1018.2+0625	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1169 Secs (1169 Secs)			
Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 577/sec S/N ~8.9									[>=>]	[3]	



Proposal 17734 - RX J1018.2+0625 (59) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, RX_J1018.2+0625 (59)										Tue Mar 24 14:00:54 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: SCHED 100%											
Diagnostics	(RX_J1018.2+0625 (59)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous						
	(10)	RXJ1018.2+0625	RA: 10 18 16.3500 (154.5681250d) Dec: +06 25 56.20 (6.43228d) Equinox: J2000	Epoch of Position: 2000	V=18.40+/-0.1 F=0.11E-14@1250; z=0.170	Reference Frame: ICRS						
Comments: Category=GALAXY Description=[QSO] Extended=NO												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	RX_J1018.2 (10) RXJ1018.2+062	COS/NUV, ACQ/IMAGE, PSA	MIRRORB					80 Secs (80 Secs)			
		+0625_ACQ 5							[==>]	[1]		
		1 (COS.ta.194 3440)										
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.11E-14 Count rate 11/sec											
	2	RX_J1018.2 (10) RXJ1018.2+062	COS/FUV, TIME-TAG, PSA	G130M	FP-POS=3;				946 Secs (946 Secs)			
		+0625_1 5		1291 A	BUFFER-TIME=35 00				[==>]	[1]		
Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 577/sec S/N ~8.9												
3	RX_J1018.2 (10) RXJ1018.2+062	COS/FUV, TIME-TAG, PSA	G130M	FP-POS=4;				945 Secs (945 Secs)				
	+0625_2 5		1291 A	BUFFER-TIME=35 00				[==>]	[1]			
Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 577/sec S/N ~8.9												

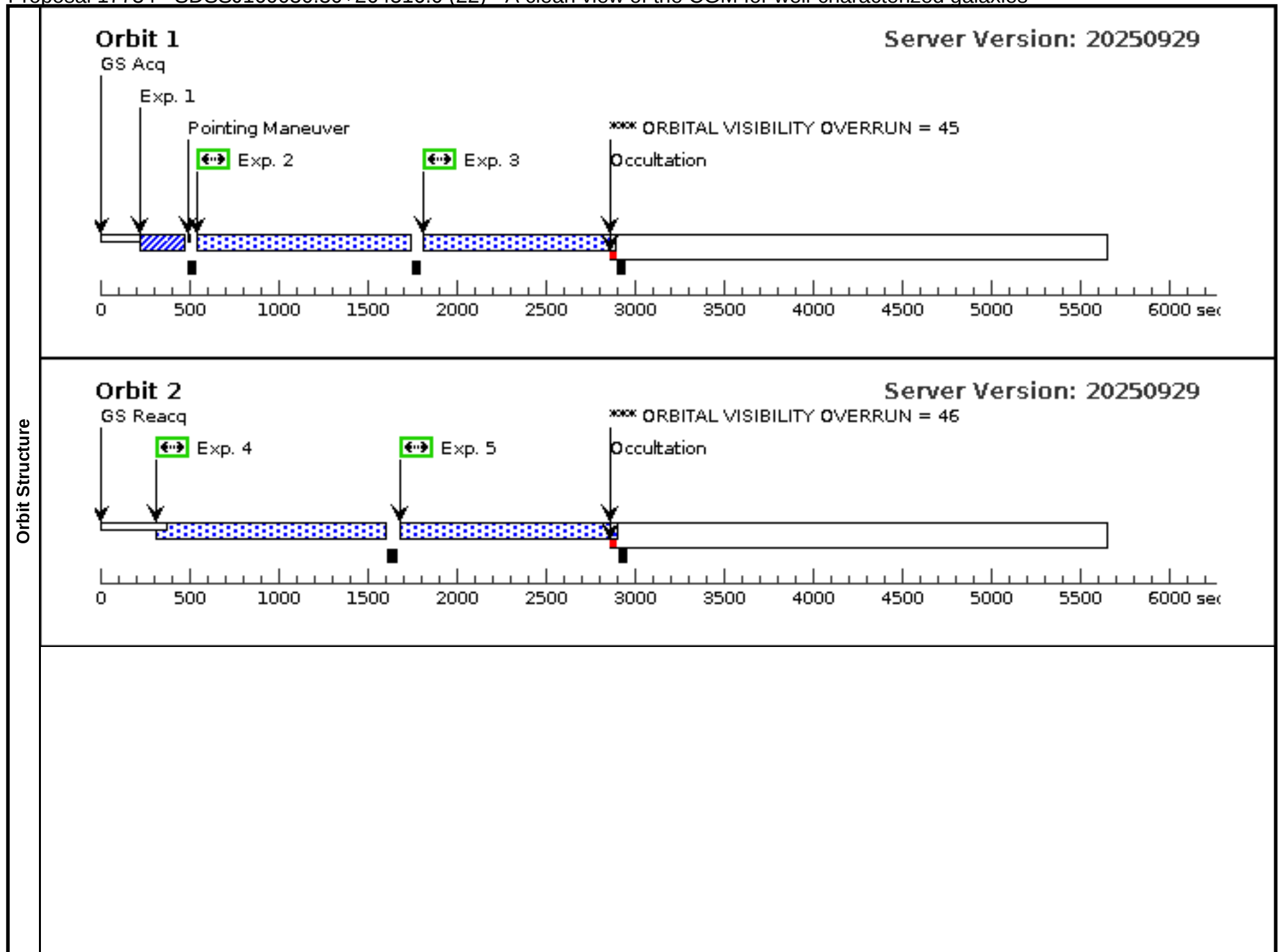


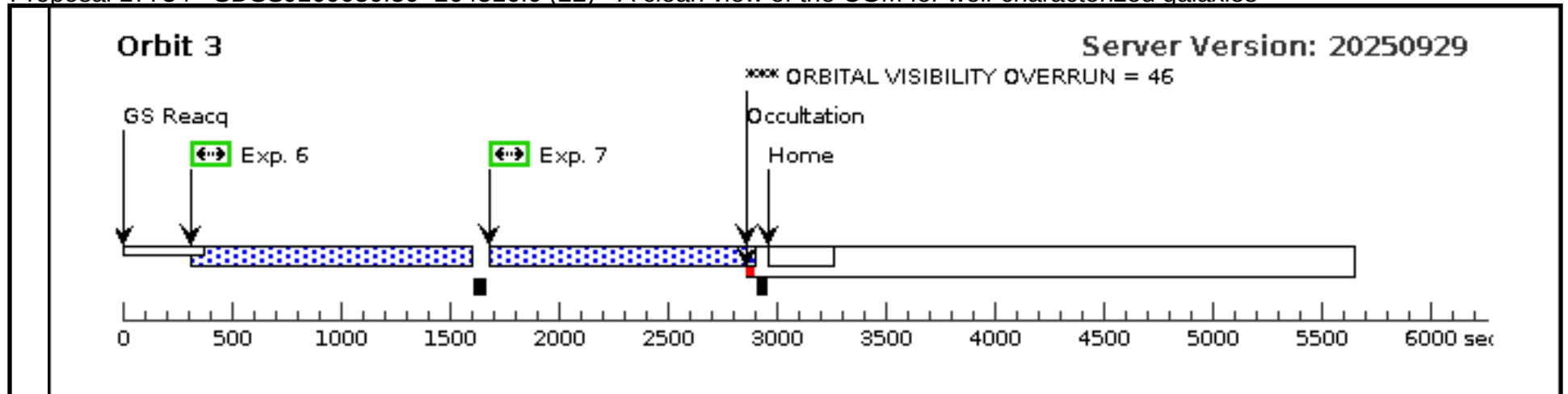
Proposal 17734 - SDSSJ160030.30+264516.0 (22) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ160030.30+264516.0 (22), failed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ160030.30+264516.0 (22)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ160030.30+264516.0 (22)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ160030.30+264516.0 (22)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ160030.30+264516.0 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ160030.30+264516.0 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ160030.30+264516.0 (22)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	SDSSJ160030.30+264516.0	RA: 16 00 30.2800 (240.1261667d) Dec: +26 45 16.90 (26.75469d) Equinox: J2000	Epoch of Position: 2000	V=19.11+/-0.1 F=0.04E-14@1250; z=0.736	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ160030.30+264516.0 (22) - A clean view of the CGM for well-characterized galaxies

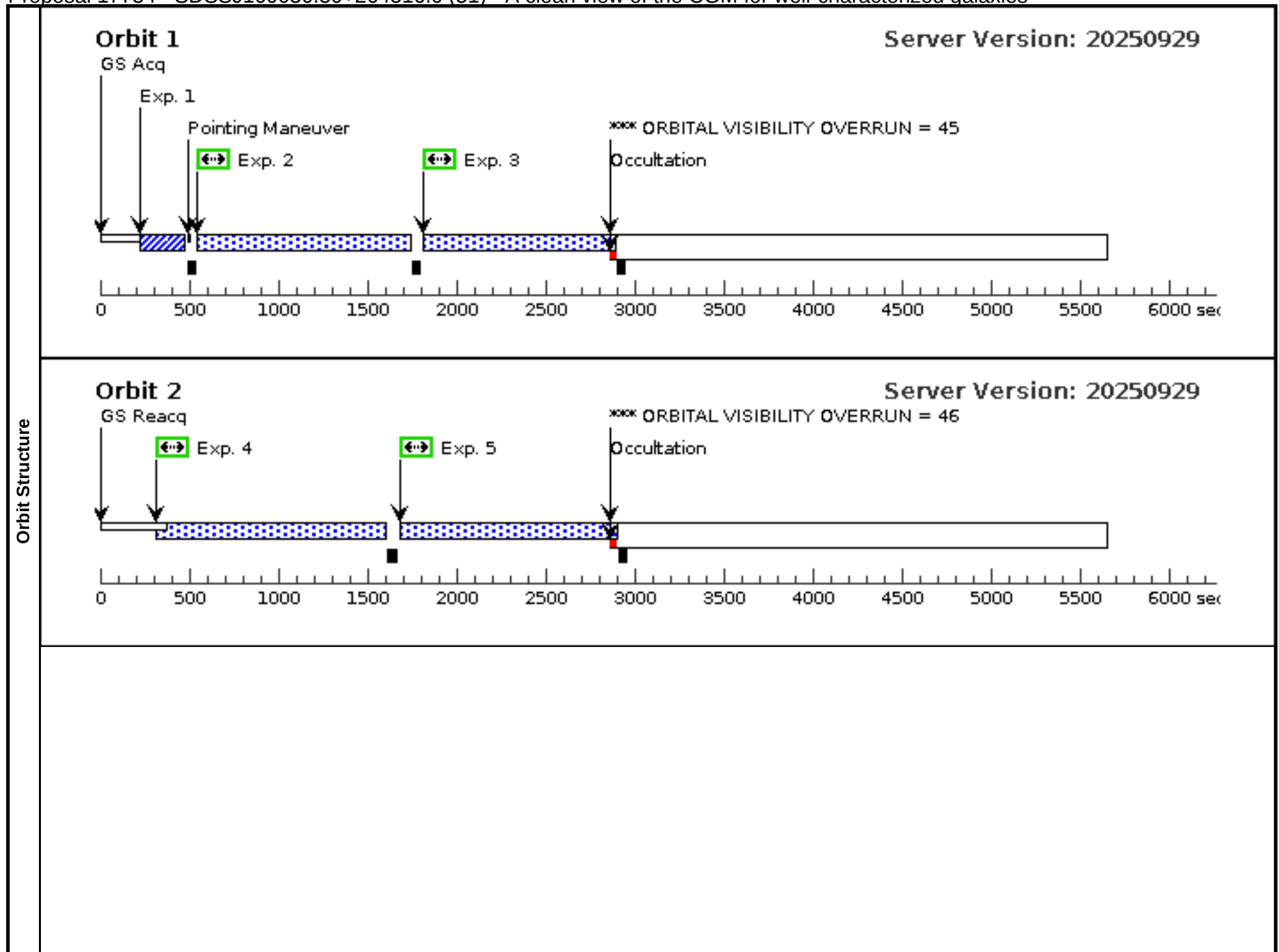
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1600 30.30+2645 16.0_ACQ1 (COS.ta.194 3433)	(11) SDSSJ160030.3 0+264516.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-15 Count rate 83/sec									
	2	SDSSJ1600 30.30+2645 16.0_1 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1027 Secs (1027 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404sec S/N ~5.3									
	3	SDSSJ1600 30.30+2645 16.0_2 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1026 Secs (1026 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404sec S/N ~5.3									
	4	SDSSJ1600 30.30+2645 16.0_3 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1169 Secs (1169 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404sec S/N ~5.3									
	5	SDSSJ1600 30.30+2645 16.0_4 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1163 Secs (1163 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404sec S/N ~5.3									
	6	SDSSJ1600 30.30+2645 16.0_5 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1169 Secs (1169 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 404sec S/N ~5.3									
	7	SDSSJ1600 30.30+2645 16.0_6 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1163 Secs (1163 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 404sec S/N ~5.3									

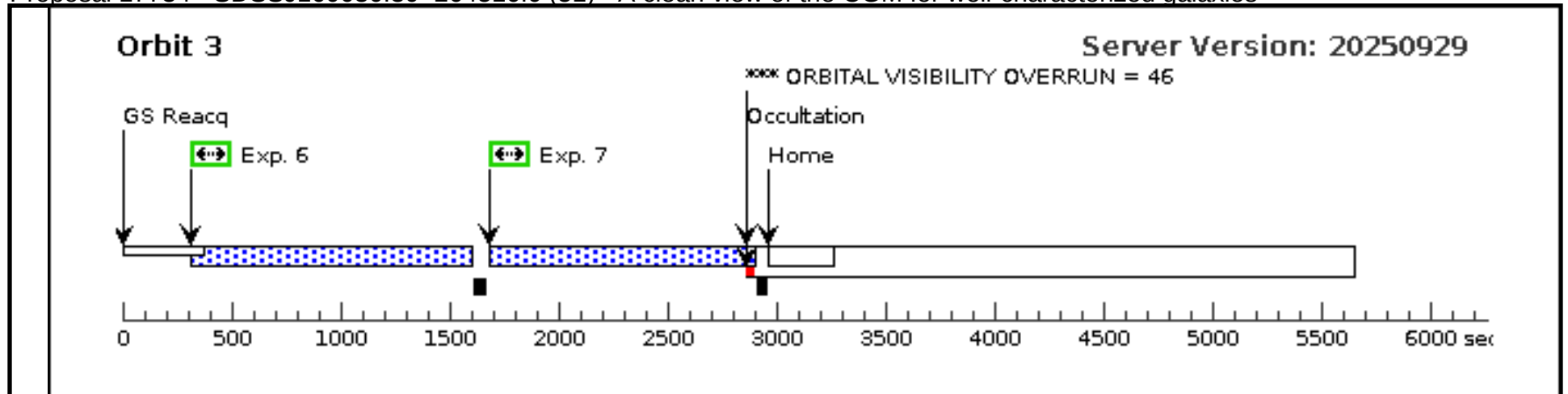




Proposal 17734 - SDSSJ160030.30+264516.0 (51) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1600 30.30+2645 16.0_ACQ1 (COS.ta.194 3433)	(11) SDSSJ160030.3 0+264516.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-15 Count rate 83/sec									
	2	SDSSJ1600 30.30+2645 16.0_1 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1027 Secs (1027 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404sec S/N ~5.3									
	3	SDSSJ1600 30.30+2645 16.0_2 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1026 Secs (1026 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404sec S/N ~5.3									
	4	SDSSJ1600 30.30+2645 16.0_3 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1169 Secs (1169 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404sec S/N ~5.3									
	5	SDSSJ1600 30.30+2645 16.0_4 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1163 Secs (1163 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404sec S/N ~5.3									
	6	SDSSJ1600 30.30+2645 16.0_5 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1169 Secs (1169 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 404sec S/N ~5.3									
	7	SDSSJ1600 30.30+2645 16.0_6 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1163 Secs (1163 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 404sec S/N ~5.3									



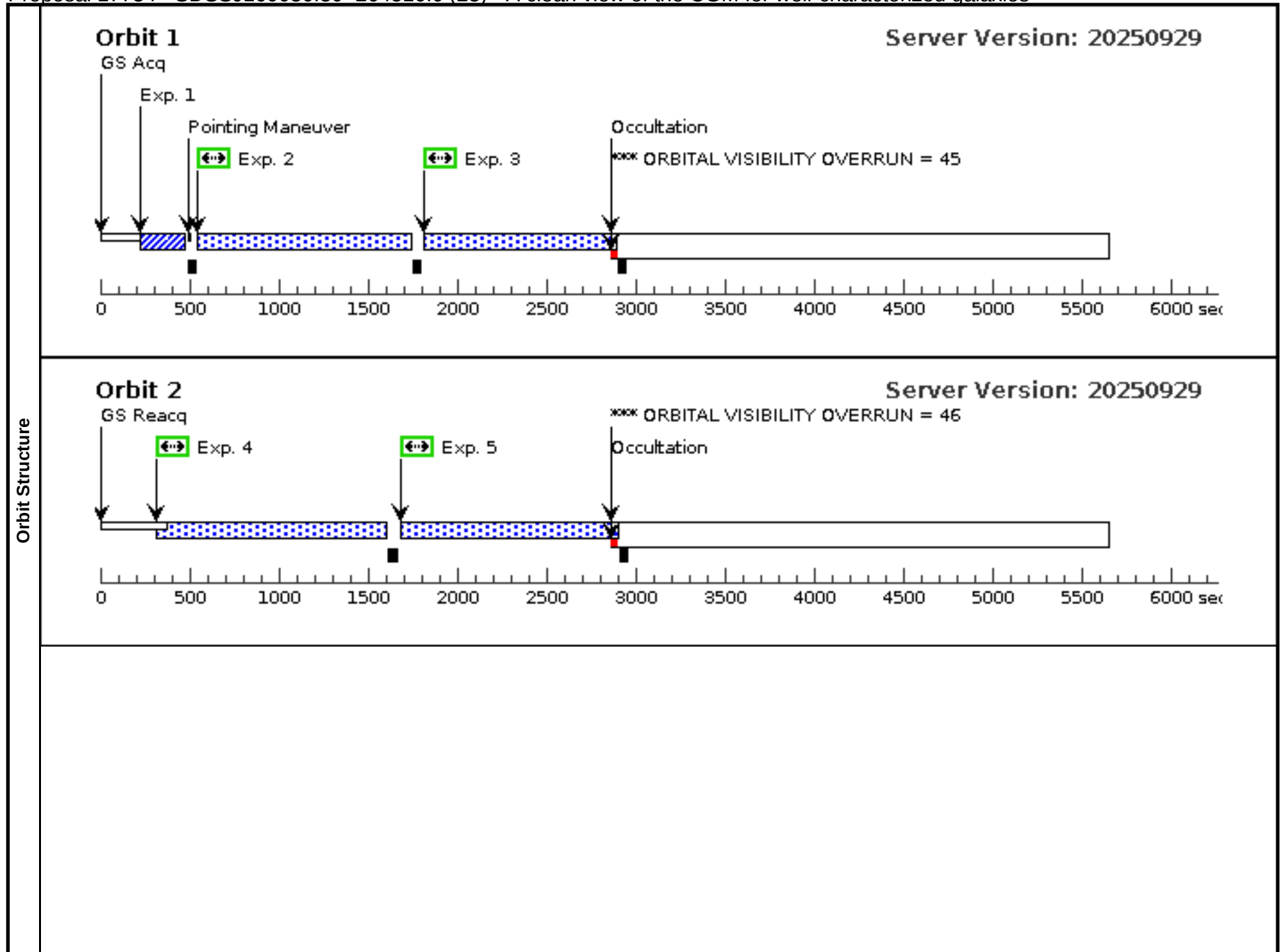


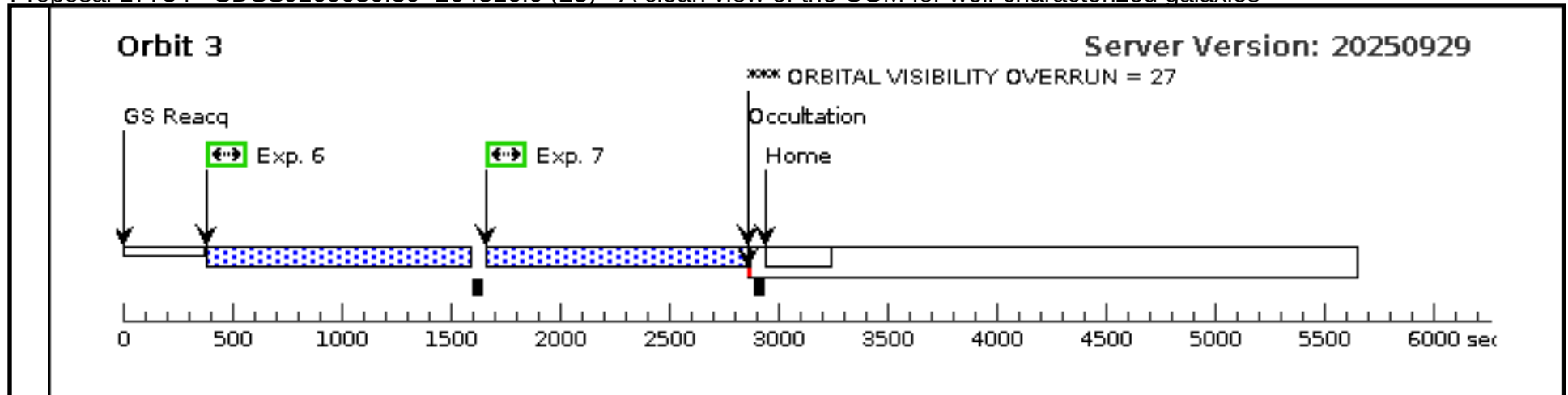
Proposal 17734 - SDSSJ160030.30+264516.0 (23) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ160030.30+264516.0 (23), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ160030.30+264516.0 (23)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ160030.30+264516.0 (23)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ160030.30+264516.0 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ160030.30+264516.0 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ160030.30+264516.0 (23)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	SDSSJ160030.30+264516.0	RA: 16 00 30.2800 (240.1261667d) Dec: +26 45 16.90 (26.75469d) Equinox: J2000	Epoch of Position: 2000	V=19.11+/-0.1 F=0.04E-14@1250; z=0.736	Reference Frame: ICRS
	Comments:					
	Category=GALAXY					
	Description=[QSO]					
Extended=NO						

Proposal 17734 - SDSSJ160030.30+264516.0 (23) - A clean view of the CGM for well-characterized galaxies

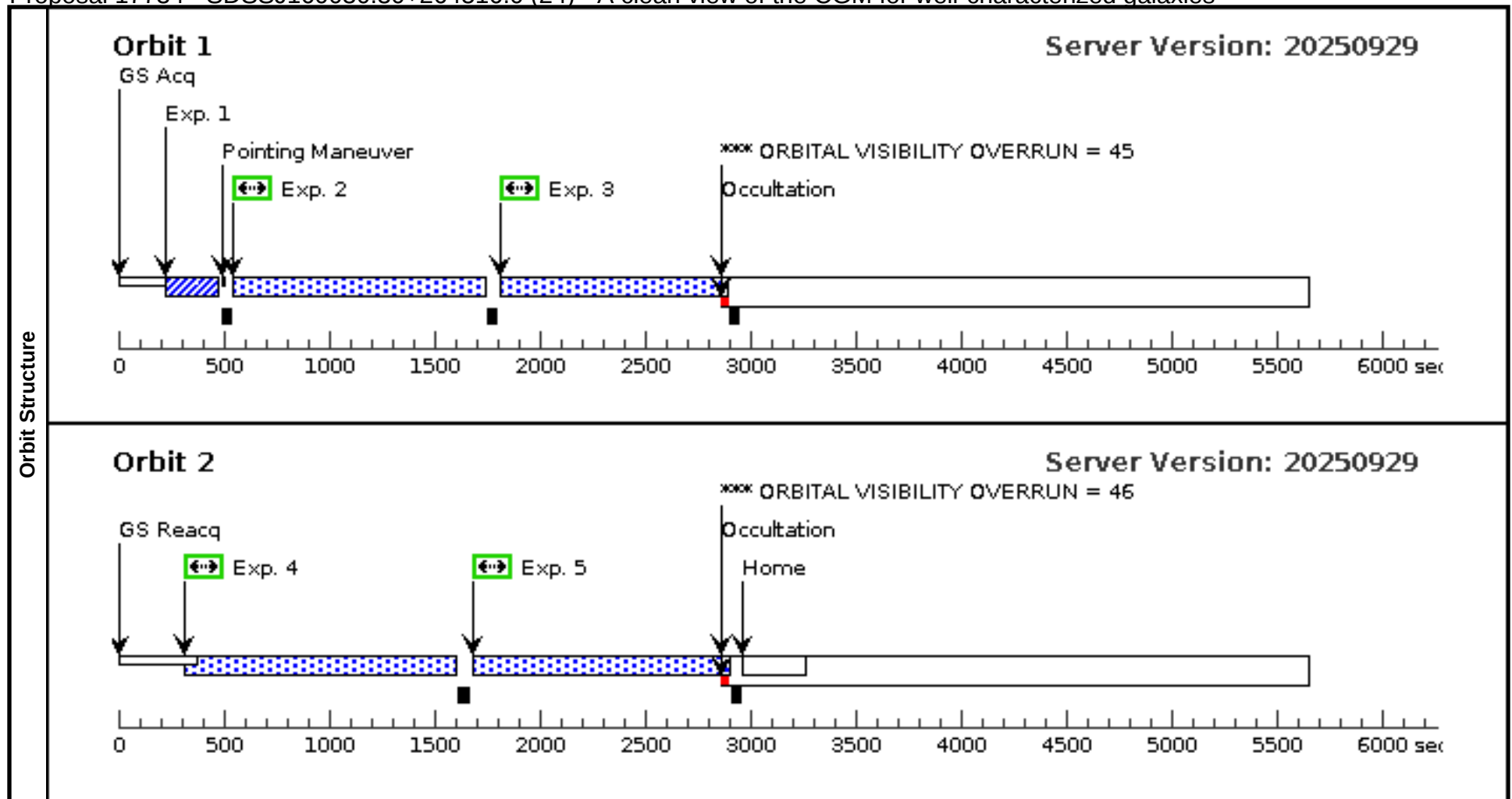
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1600 30.30+2645 16.0_ACQ2 (COS.ta.194 3433)	(11) SDSSJ160030.3 0+264516.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-15 Count rate 83/sec									
	2	SDSSJ1600 30.30+2645 16.0_7 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1027 Secs (1027 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404sec S/N ~5.3									
	3	SDSSJ1600 30.30+2645 16.0_8 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1026 Secs (1026 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404sec S/N ~5.3									
	4	SDSSJ1600 30.30+2645 16.0_9 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1169 Secs (1169 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404sec S/N ~5.3									
	5	SDSSJ1600 30.30+2645 16.0_10 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1163 Secs (1163 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404sec S/N ~5.3									
	6	SDSSJ1600 30.30+2645 16.0_11 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1163 Secs (1163 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404sec S/N ~5.3									
	7	SDSSJ1600 30.30+2645 16.0_12 (COS.sp.192 8111)	(11) SDSSJ160030.3 0+264516.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1163 Secs (1163 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404sec S/N ~5.3									





Proposal 17734 - SDSSJ160030.30+264516.0 (24) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ160030.30+264516.0 (24), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ160030.30+264516.0 (24)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ160030.30+264516.0 (24)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ160030.30+264516.0 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ160030.30+264516.0 (24)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(11)	SDSSJ160030.30+264516.0	RA: 16 00 30.2800 (240.1261667d) Dec: +26 45 16.90 (26.75469d) Equinox: J2000	Epoch of Position: 2000	V=19.11+/-0.1 F=0.04E-14@1250; z=0.736	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

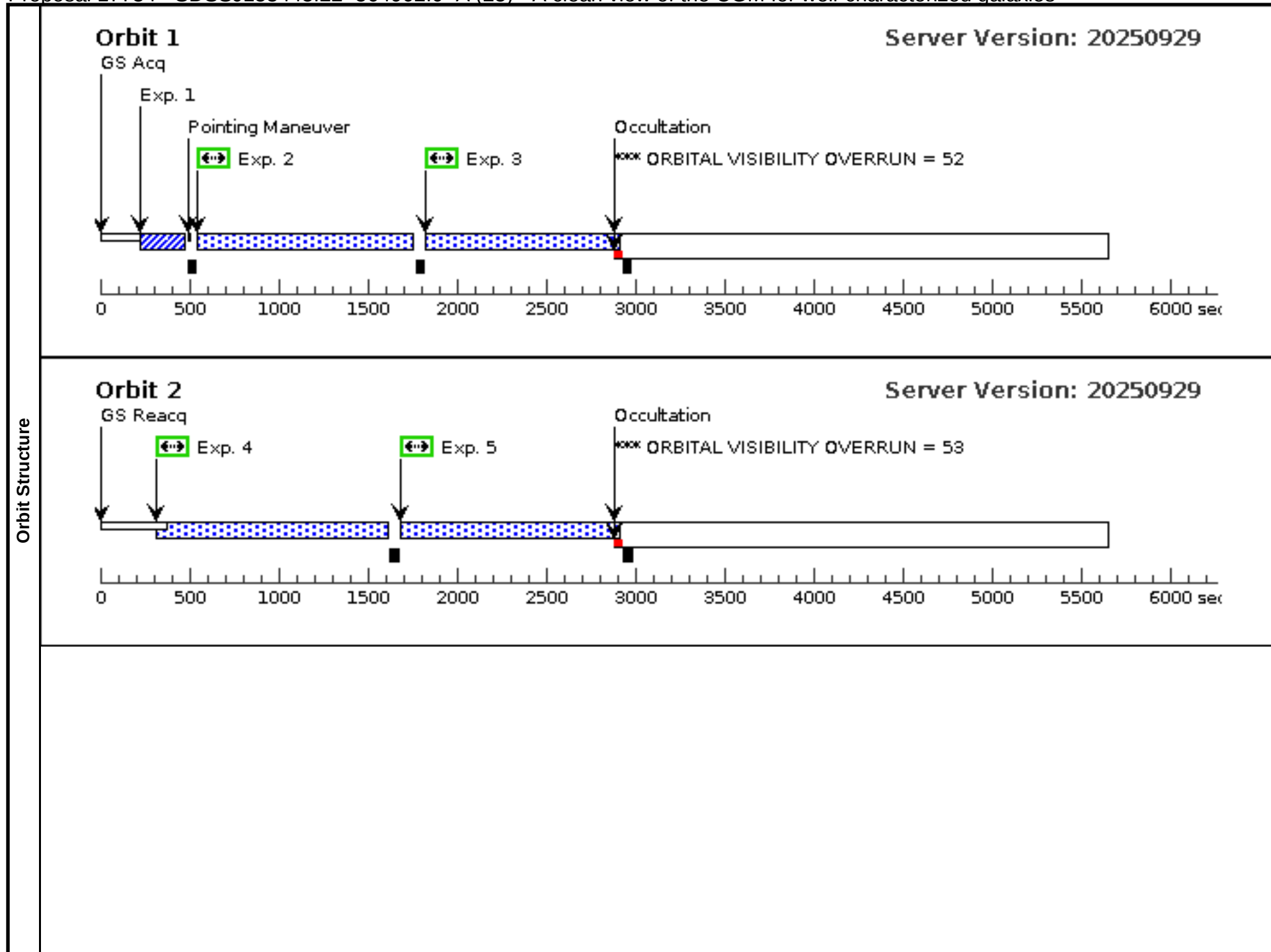


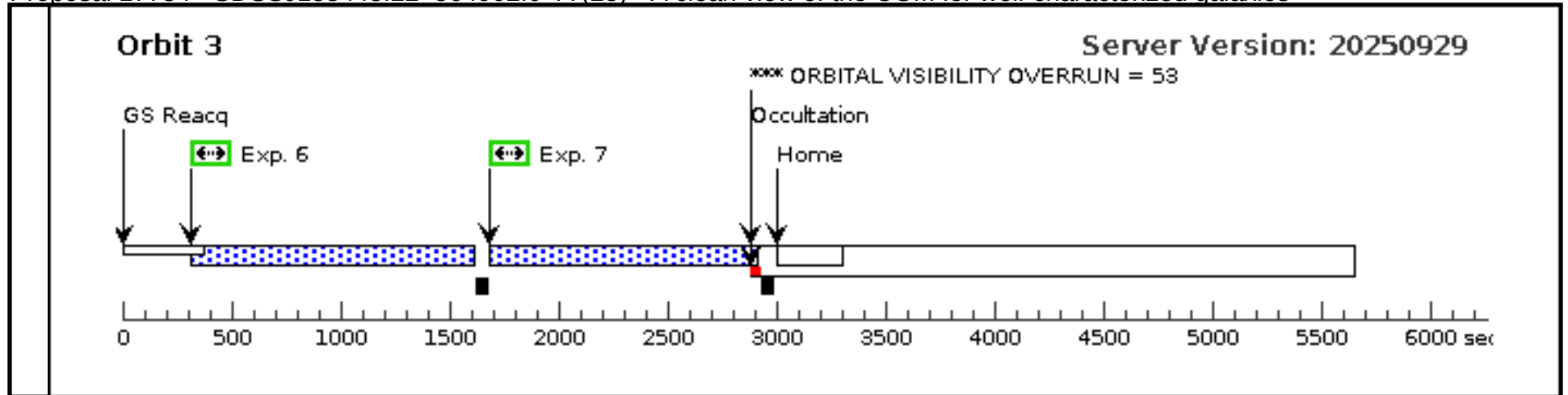
Proposal 17734 - SDSSJ153445.22+564902.0+A (25) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ153445.22+564902.0+A (25), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ153445.22+564902.0+A (25)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ153445.22+564902.0+A (25)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ153445.22+564902.0+A (25)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ153445.22+564902.0+A (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ153445.22+564902.0+A (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ153445.22+564902.0+A (25)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	SDSSJ153445.22+564902.0	RA: 15 34 45.2300 (233.6884583d) Dec: +56 49 0.10 (56.81669d) Equinox: J2000	Epoch of Position: 2000	V=18.5+/-0.1 F=0.04E-14@1250; z=0.866	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QSO] Extended=NO						

Proposal 17734 - SDSSJ153445.22+564902.0+A (25) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1534 45.22+5649 02.0_ACQ1 (COS.ta.194 3433)	(12) SDSSJ153445.2 2+564902.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-15 Count rate 83/sec									
	2	SDSSJ1534 45.22+5649 02.0_1 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1039 Secs (1039 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404 /sec S/N ~5.3									
	3	SDSSJ1534 45.22+5649 02.0_2 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1038 Secs (1038 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1534 45.22+5649 02.0_3 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1178 Secs (1178 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1534 45.22+5649 02.0_4 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1178 Secs (1178 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.3									
	6	SDSSJ1534 45.22+5649 02.0_5 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1178 Secs (1178 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 404/sec S/N ~5.3									
	7	SDSSJ1534 45.22+5649 02.0_6 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1178 Secs (1178 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 404/sec S/N ~5.3									



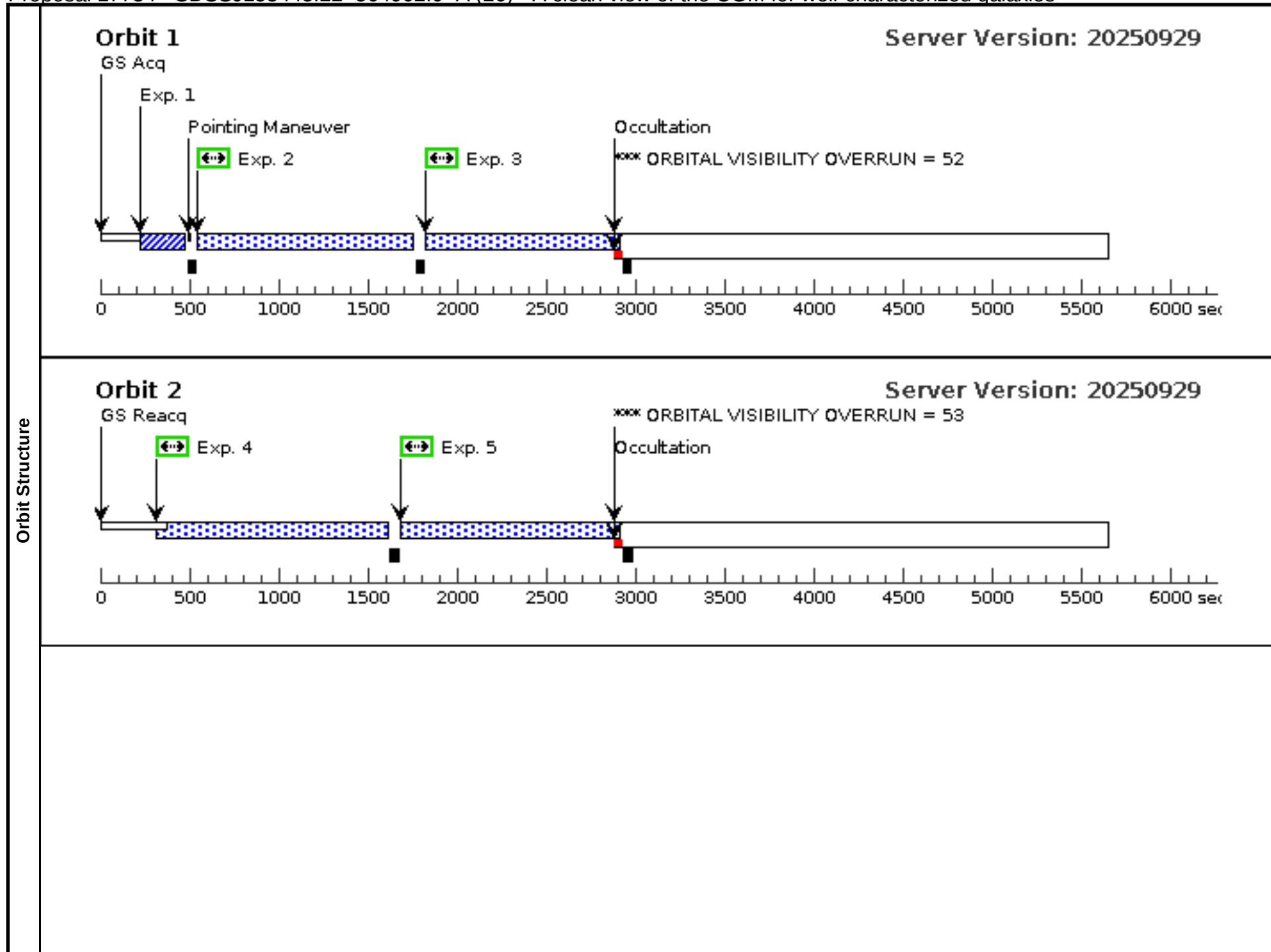


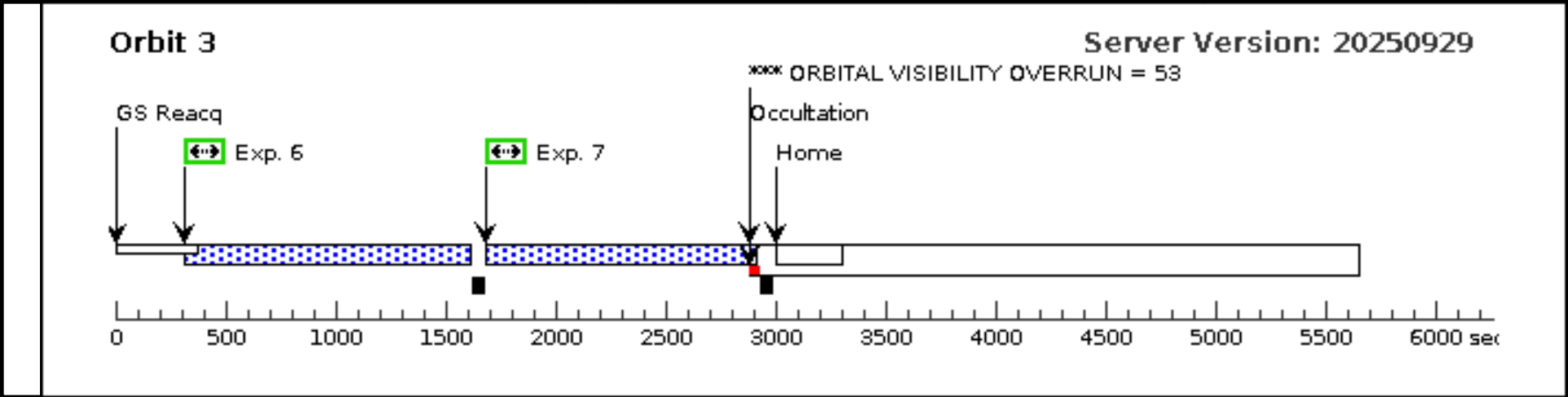
Proposal 17734 - SDSSJ153445.22+564902.0+A (26) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ153445.22+564902.0+A (26), scheduled					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ153445.22+564902.0+A (26)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ153445.22+564902.0+A (26)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ153445.22+564902.0+A (26)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ153445.22+564902.0+A (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ153445.22+564902.0+A (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ153445.22+564902.0+A (26)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	SDSSJ153445.22+564902.0	RA: 15 34 45.2300 (233.6884583d) Dec: +56 49 0.10 (56.81669d) Equinox: J2000	Epoch of Position: 2000	V=18.5+/-0.1 F=0.04E-14@1250; z=0.866	Reference Frame: ICRS
Comments: Category=GALAXY Description=[QSO] Extended=NO						

Proposal 17734 - SDSSJ153445.22+564902.0+A (26) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1534 45.22+5649 02.0_ACQ2 (COS.ta.194 3433)	(12) SDSSJ153445.2 2+564902.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-15 Count rate 83/sec									
	2	SDSSJ1534 45.22+5649 02.0_7 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1039 Secs (1039 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404 /sec S/N ~5.3									
	3	SDSSJ1534 45.22+5649 02.0_8 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1038 Secs (1038 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1534 45.22+5649 02.0_9 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1178 Secs (1178 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1534 45.22+5649 02.0_10 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1178 Secs (1178 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.3									
	6	SDSSJ1534 45.22+5649 02.0_11 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1178 Secs (1178 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 404/sec S/N ~5.3									
	7	SDSSJ1534 45.22+5649 02.0_12 (COS.sp.192 8111)	(12) SDSSJ153445.2 2+564902.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1178 Secs (1178 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 404/sec S/N ~5.3									



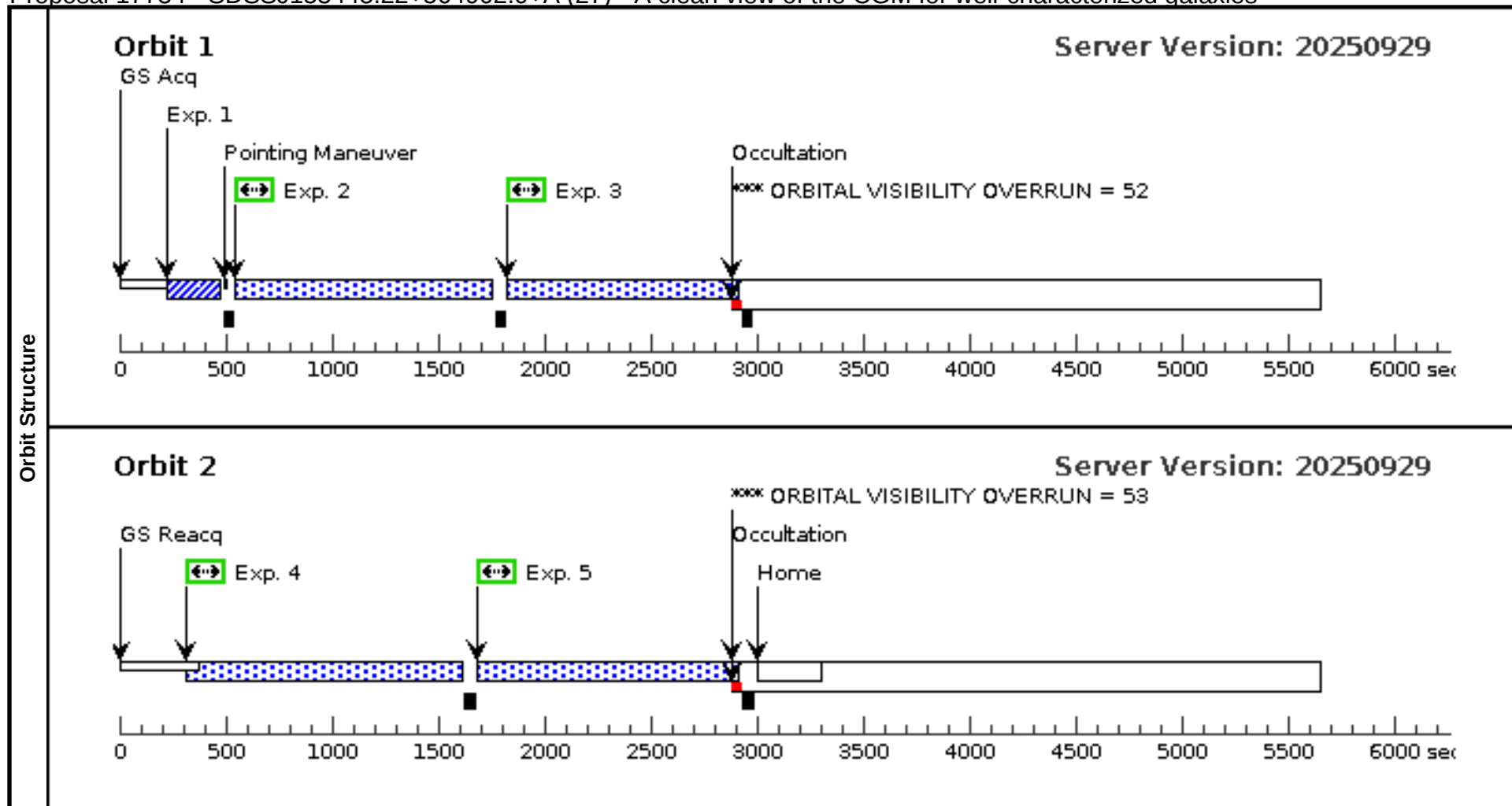


Proposal 17734 - SDSSJ153445.22+564902.0+A (27) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ153445.22+564902.0+A (27), completed Tue Mar 24 14:00:54 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ153445.22+564902.0+A (27)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ153445.22+564902.0+A (27)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ153445.22+564902.0+A (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ153445.22+564902.0+A (27)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(12)	SDSSJ153445.22+564902.0	RA: 15 34 45.2300 (233.6884583d) Dec: +56 49 0.10 (56.81669d) Equinox: J2000	Epoch of Position: 2000 	V=18.5+/-0.1 F=0.04E-14@1250; z=0.866
	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

Proposal 17734 - SDSSJ153445.22+564902.0+A (27) - A clean view of the CGM for well-characterized galaxies

[illegible]

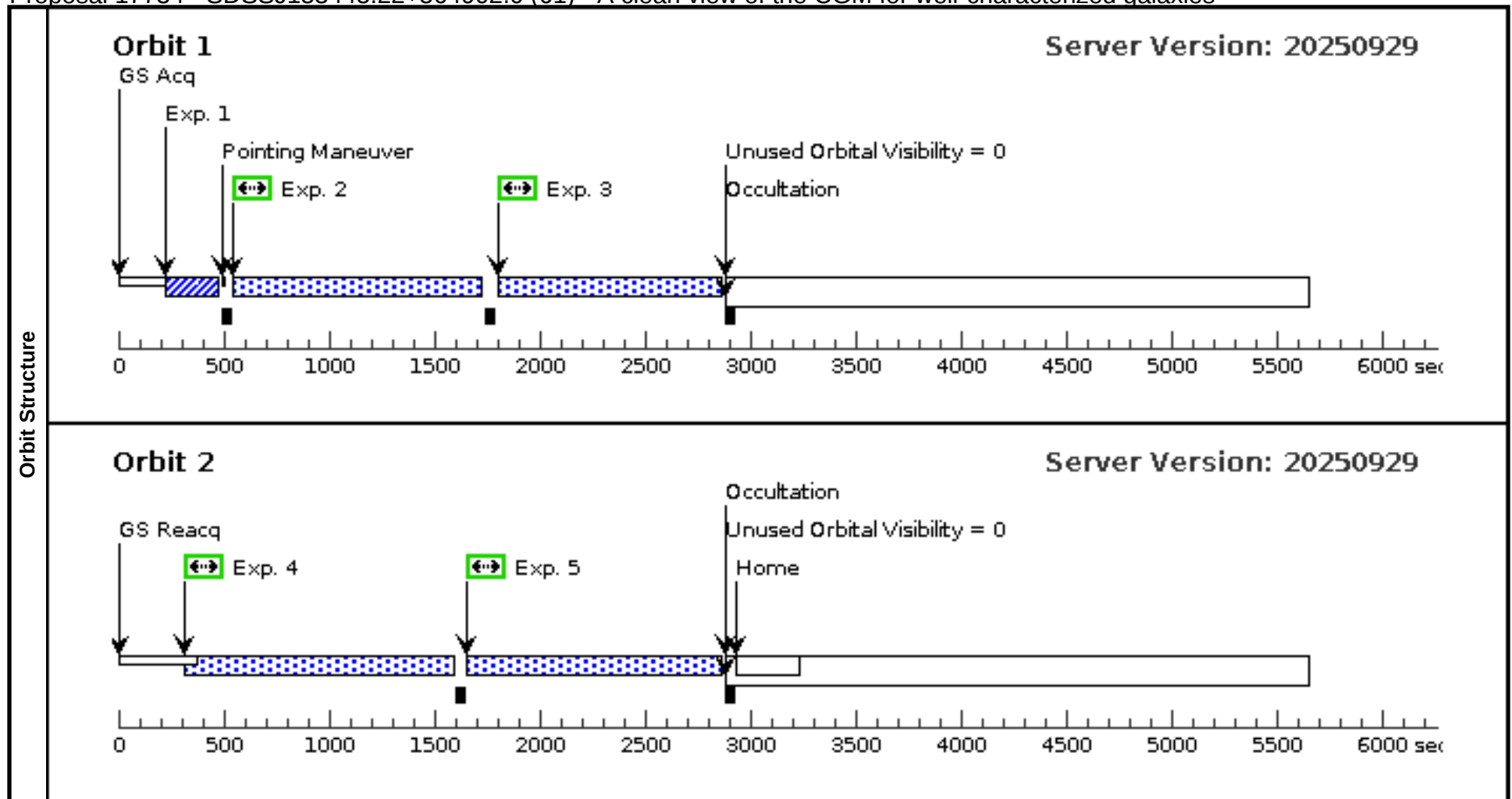


Proposal 17734 - SDSSJ153445.22+564902.0 (61) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ153445.22+564902.0 (61) Tue Mar 24 14:00:54 GMT 2026					
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ153445.22+564902.0 (61)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ153445.22+564902.0 (61)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(12)	SDSSJ153445.22+564902.0	RA: 15 34 45.2300 (233.6884583d) Dec: +56 49 0.10 (56.81669d) Equinox: J2000	Epoch of Position: 2000	V=18.5+/-0.1 F=0.04E-14@1250; z=0.866	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ153445.22+564902.0 (61) - A clean view of the CGM for well-characterized galaxies

[illegible]

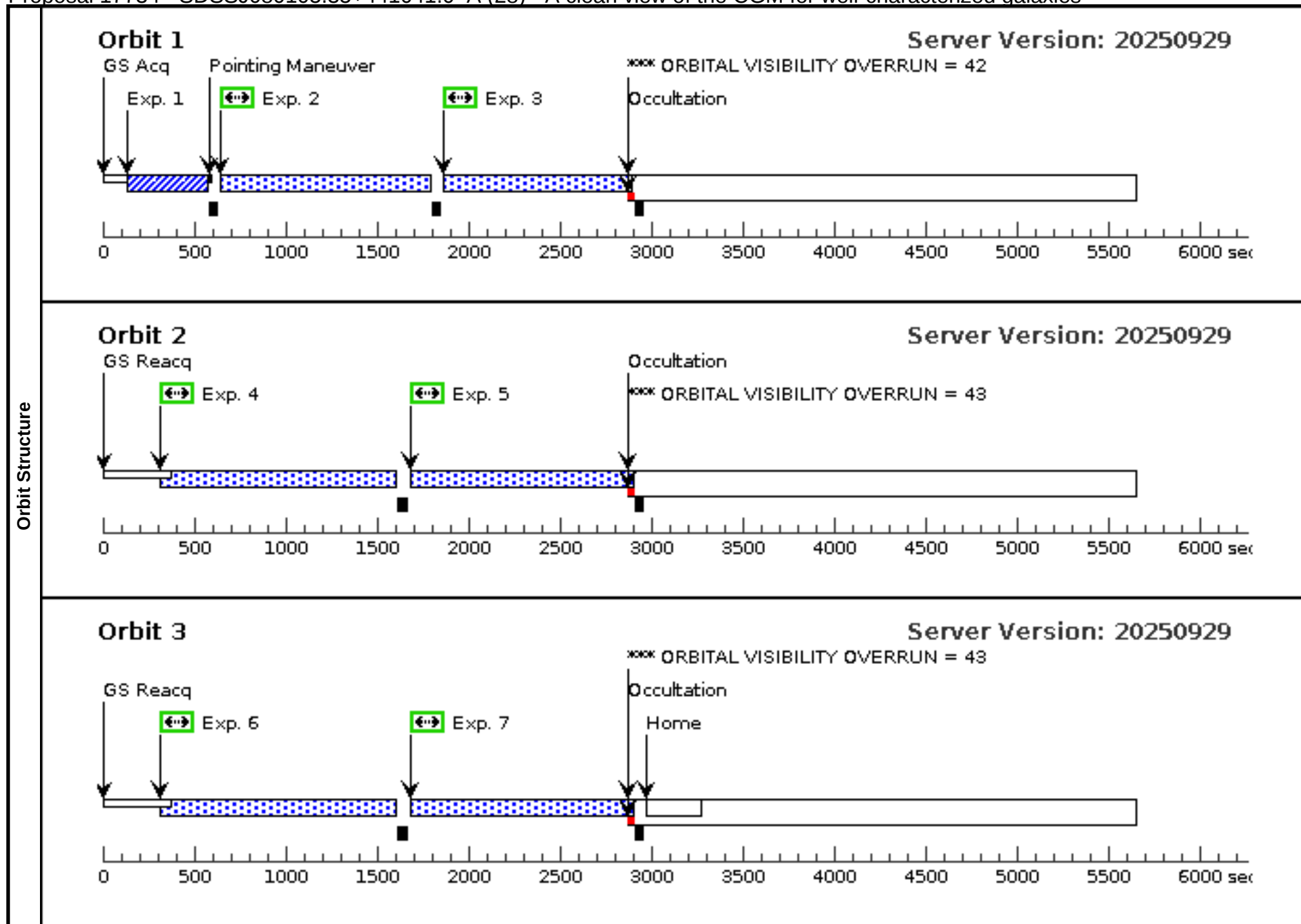


Proposal 17734 - SDSSJ080105.35+441041.0 A (28) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ080105.35+441041.0_A (28), completed					Tue Mar 24 14:00:54 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ080105.35+441041.0_A (28)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ080105.35+441041.0_A (28)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ080105.35+441041.0_A (28)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ080105.35+441041.0_A (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ080105.35+441041.0_A (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ080105.35+441041.0_A (28)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(13)	SDSSJ080105.35+441041.0	RA: 08 01 5.3500 (120.2722917d) Dec: +44 10 41.00 (44.17806d) Equinox: J2000	Epoch of Position: 2000	V=17.19+/-0.1 F=0.13E-14@1250; z=0.472	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ080105.35+441041.0 A (28) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ0801 05.35+4410 41.0_ACQ1 (COS.ta.194 3441)	(13) SDSSJ080105.3 5+441041.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				67 Secs (67 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.13E-14 Count rate 13/sec									
	2	SDSSJ0801 05.35+4410 41.0_1 (COS.sp.192 8118)	(13) SDSSJ080105.3 5+441041.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			981 Secs (981 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 625/sec S/N ~9.7									
	3	SDSSJ0801 05.35+4410 41.0_2 (COS.sp.192 8118)	(13) SDSSJ080105.3 5+441041.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			981 Secs (981 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 625/sec S/N ~9.7									
	4	SDSSJ0801 05.35+4410 41.0_3 (COS.sp.192 8118)	(13) SDSSJ080105.3 5+441041.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1169 Secs (1169 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 625/sec S/N ~9.7									
	5	SDSSJ0801 05.35+4410 41.0_4 (COS.sp.192 8118)	(13) SDSSJ080105.3 5+441041.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1166 Secs (1166 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 625/sec S/N ~9.7									
	6	SDSSJ0801 05.35+4410 41.0_5 (COS.sp.192 8118)	(13) SDSSJ080105.3 5+441041.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1169 Secs (1169 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 625/sec S/N ~9.7									
	7	SDSSJ0801 05.35+4410 41.0_6 (COS.sp.192 8118)	(13) SDSSJ080105.3 5+441041.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1166 Secs (1166 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 625/sec S/N ~9.7									

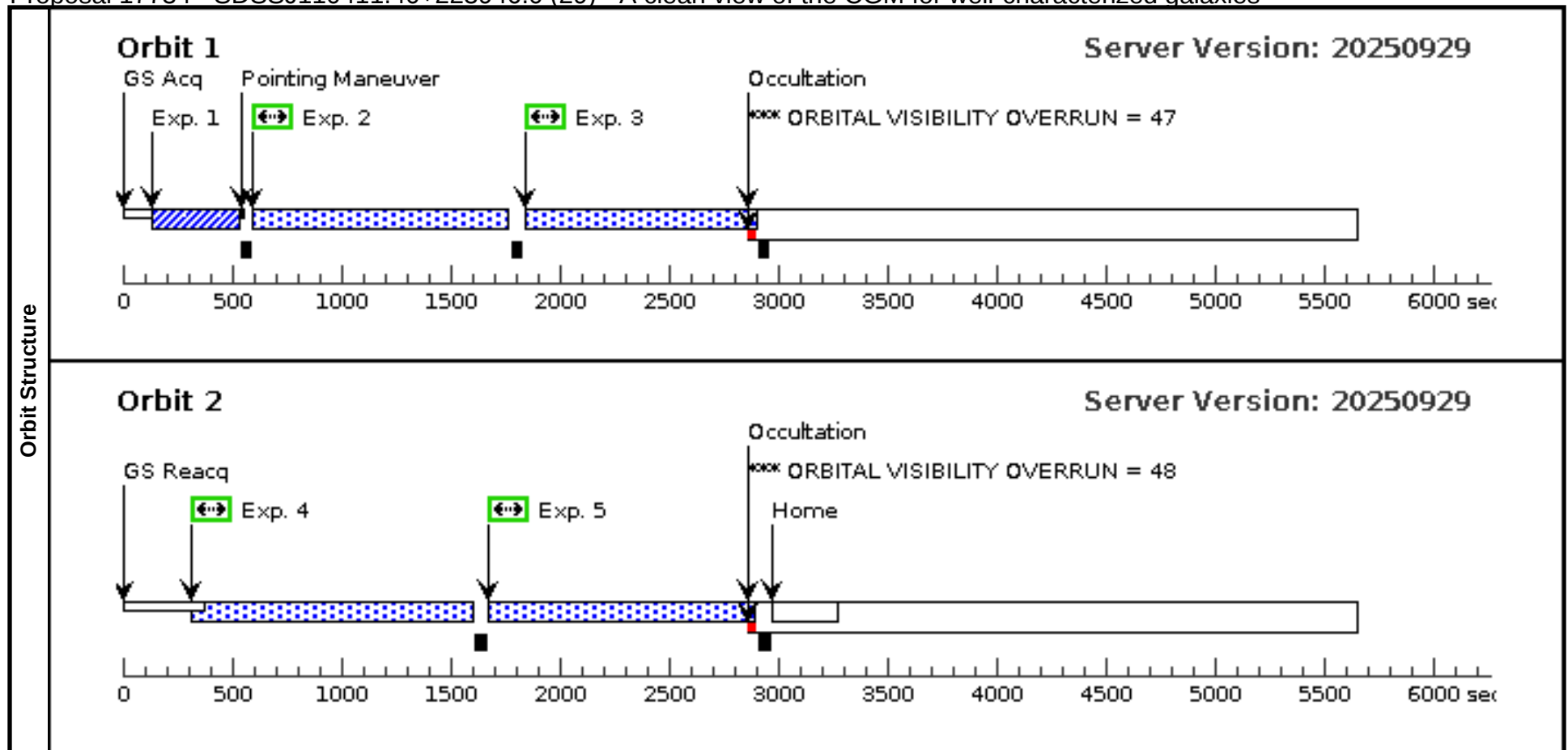


Proposal 17734 - SDSSJ110411.40+223946.0 (29) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ110411.40+223946.0 (29), completed Tue Mar 24 14:00:55 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ110411.40+223946.0 (29)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ110411.40+223946.0 (29)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ110411.40+223946.0 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ110411.40+223946.0 (29)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(14)	SDSSJ110411.40+223946.0	RA: 11 04 11.4000 (166.0475000d) Dec: +22 39 46.70 (22.66297d) Equinox: J2000	Epoch of Position: 2000 	V=18.35+/-0.1 F=0.20E-14@1250; z=0.443
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

Proposal 17734 - SDSSJ110411.40+223946.0 (29) - A clean view of the CGM for well-characterized galaxies

[illegible]



Proposal 17734 - SDSSJ160400.60+513921.0 B (30) - A clean view of the CGM for well-characterized galaxies

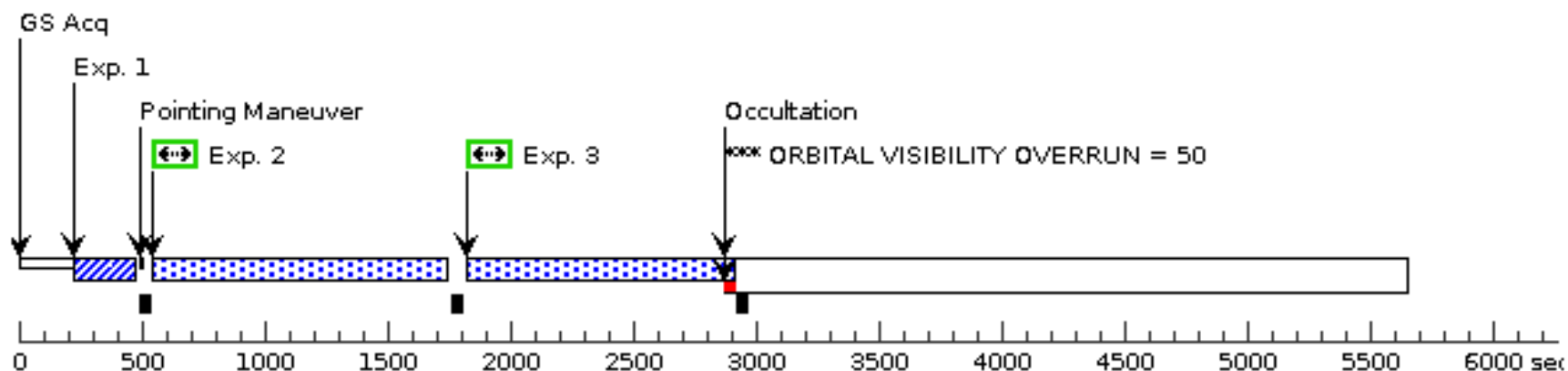
Visit	Proposal 17734, SDSSJ160400.60+513921.0_B (30), completed Tue Mar 24 14:00:55 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ160400.60+513921.0_B (30)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.				
	(SDSSJ160400.60+513921.0_B (30)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS				
	(SDSSJ160400.60+513921.0_B (30)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS				
	(SDSSJ160400.60+513921.0_B (30)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(SDSSJ160400.60+513921.0_B (30)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(SDSSJ160400.60+513921.0_B (30)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(15)	SDSSJ160400.60+513921.0	RA: 16 04 0.5500 (241.0022917d) Dec: +51 39 21.30 (51.65592d) Equinox: J2000	Epoch of Position: 2000	V=19.64+/-0.1 F=0.04E-14@1250; z=0.419
	Comments: Category=GALAXY Description=[QSO] Extended=NO				

Proposal 17734 - SDSSJ160400.60+513921.0 B (30) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1604 00.60+5139 21.0_ACQ1 (COS.ta.194 3433)	(15) SDSSJ160400.6 0+513921.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				20 Secs (20 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-15 Count rate 83/sec									
	2	SDSSJ1604 00.60+5139 21.0_1 (COS.sp.192 8111)	(15) SDSSJ160400.6 0+513921.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1035 Secs (1035 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 5 total count rate 404/sec S/N ~5.3									
	3	SDSSJ1604 00.60+5139 21.0_2 (COS.sp.192 8111)	(15) SDSSJ160400.6 0+513921.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1034 Secs (1034 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 5 total count rate 404/sec S/N ~5.3									
	4	SDSSJ1604 00.60+5139 21.0_3 (COS.sp.192 8111)	(15) SDSSJ160400.6 0+513921.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 6 total count rate 404/sec S/N ~5.3									
	5	SDSSJ1604 00.60+5139 21.0_4 (COS.sp.192 8111)	(15) SDSSJ160400.6 0+513921.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 6 total count rate 404/sec S/N ~5.3									
	6	SDSSJ1604 00.60+5139 21.0_5 (COS.sp.192 8111)	(15) SDSSJ160400.6 0+513921.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 7 total count rate 404/sec S/N ~5.3									
	7	SDSSJ1604 00.60+5139 21.0_6 (COS.sp.192 8111)	(15) SDSSJ160400.6 0+513921.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 7 total count rate 404/sec S/N ~5.3									

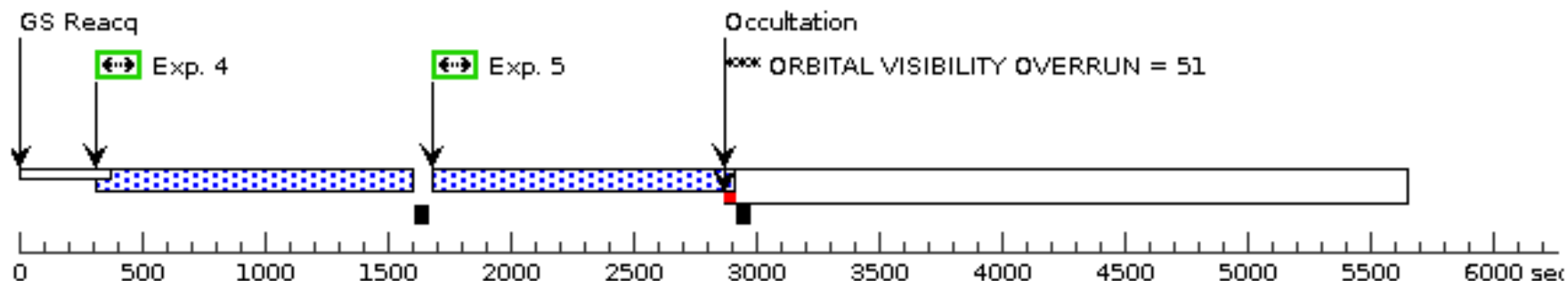
Orbit 1

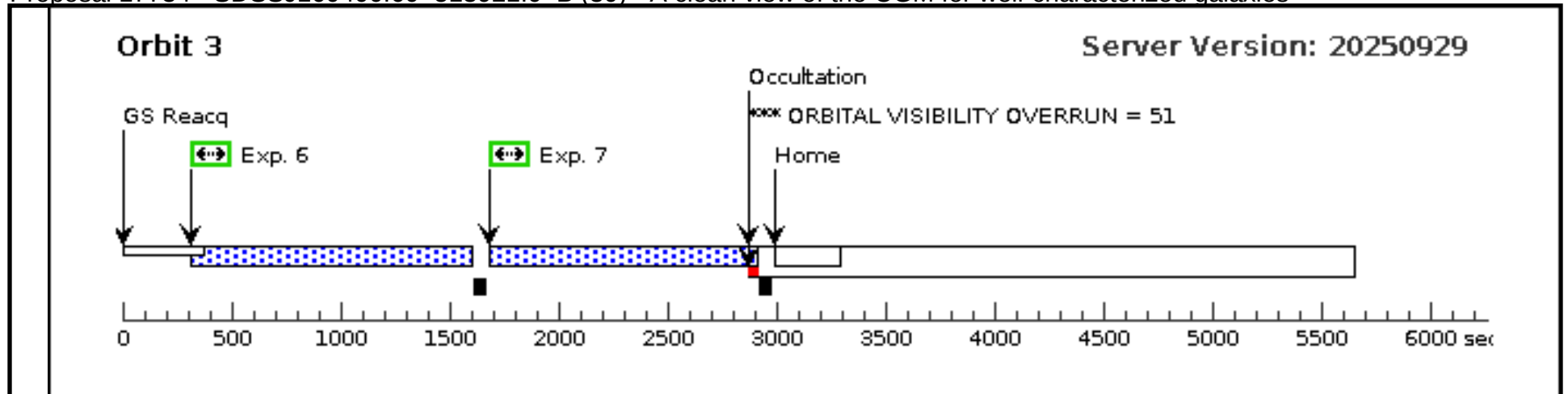
Server Version: 20250929



Orbit 2

Server Version: 20250929



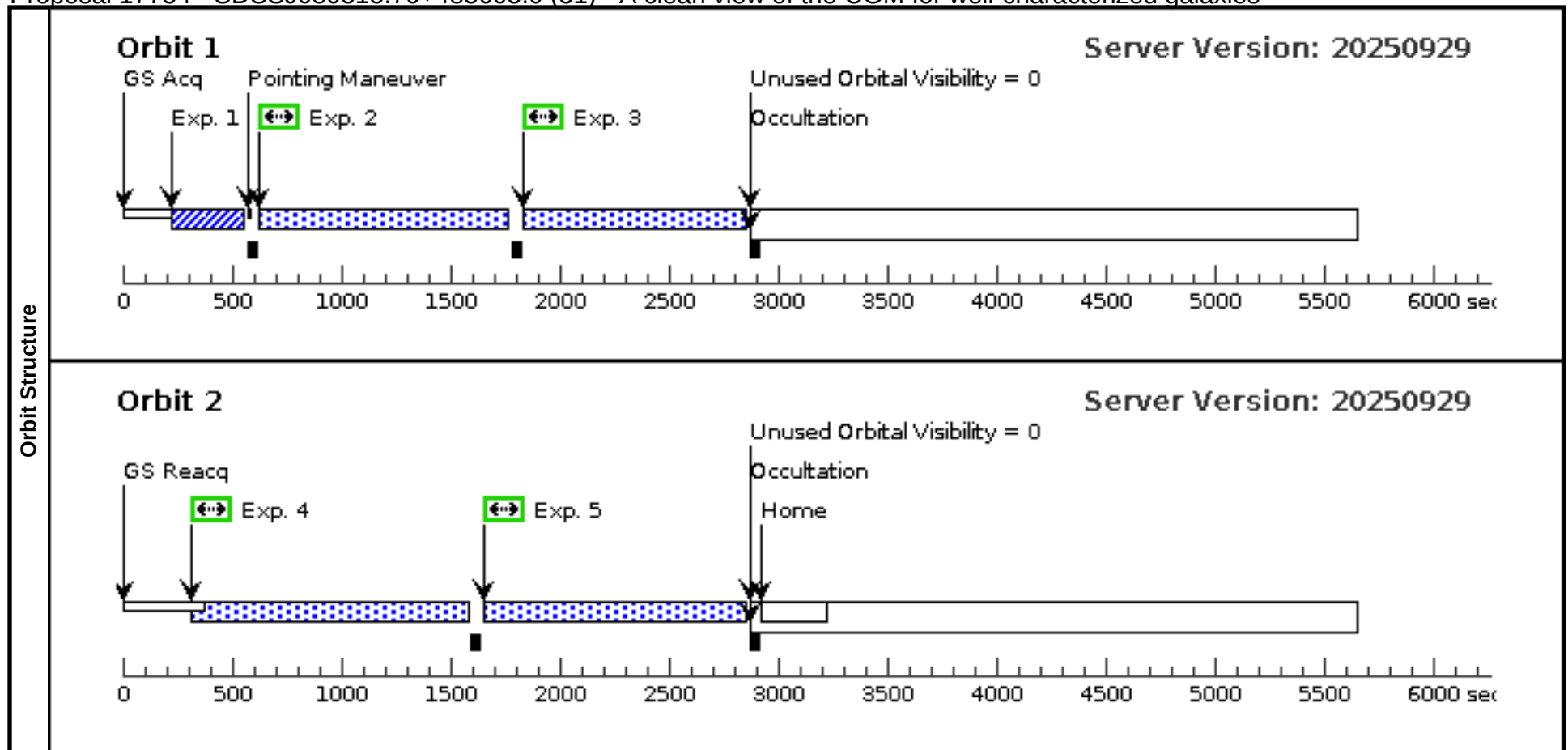


Proposal 17734 - SDSSJ080315.70+483603.0 (31) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ080315.70+483603.0 (31), pi					Tue Mar 24 14:00:55 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ080315.70+483603.0 (31)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ080315.70+483603.0 (31)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	SDSSJ080315.70+483603.0	RA: 08 03 15.6800 (120.8153333d) Dec: +48 36 3.10 (48.60086d) Equinox: J2000	Epoch of Position: 2000	V=18.26+/-0.1 F=0.11E-14@1250; z=0.635	Reference Frame: ICRS
	Comments:					
	Category=GALAXY					
	Description=[QSO]					
Extended=NO						

Proposal 17734 - SDSSJ080315.70+483603.0 (31) - A clean view of the CGM for well-characterized galaxies

#	Label (ETC Run)	Target	Config, Mode, Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
1	SDSSJ0803 15.70+4836 03.0_ACQ1 (COS.ta.194 3433)	(8) SDSSJ080315.70 +483603.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				60 Secs (60 Secs) [>=>]	[1]
Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.11E-14 Count rate 11/sec									
2	SDSSJ0803 15.70+4836 03.0_1 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			968 Secs (968 Secs) [>=>]	[1]
Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 577/sec S/N ~8.9									
3	SDSSJ0803 15.70+4836 03.0_2 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			967 Secs (967 Secs) [>=>]	[1]
Comments: Exposure with FP-POS=3, second half of orbit 1 total count rate 577/sec S/N ~8.9									
4	SDSSJ0803 15.70+4836 03.0_3 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1152 Secs (1152 Secs) [>=>]	[2]
Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 577/sec S/N ~8.9									
5	SDSSJ0803 15.70+4836 03.0_4 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1151 Secs (1151 Secs) [>=>]	[2]
Comments: Exposure with FP-POS=3, second half of orbit 1 total count rate 577/sec S/N ~8.9									

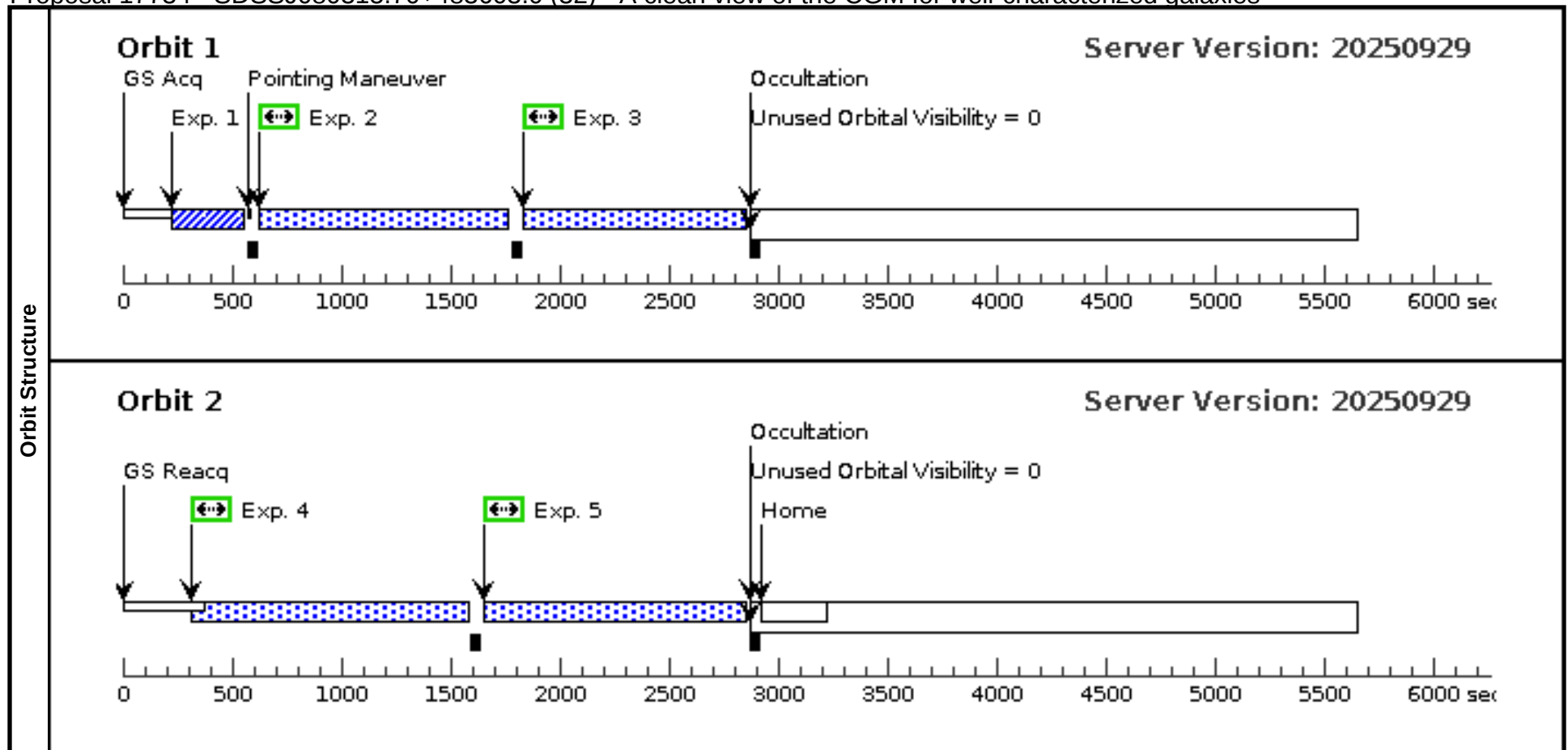


Proposal 17734 - SDSSJ080315.70+483603.0 (32) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ080315.70+483603.0 (32)					Tue Mar 24 14:00:55 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
Diagnostics	Special Requirements: SCHED 100%					
	(SDSSJ080315.70+483603.0 (32)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ080315.70+483603.0 (32)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(8)	SDSSJ080315.70+483603.0	RA: 08 03 15.6800 (120.8153333d) Dec: +48 36 3.10 (48.60086d) Equinox: J2000	Epoch of Position: 2000	V=18.26+/-0.1 F=0.11E-14@1250; z=0.635	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ080315.70+483603.0 (32) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ0803 15.70+4836 03.0_ACQ1 (COS.ta.194 3433)	(8) SDSSJ080315.70 +483603.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				60 Secs (60 Secs)	
									[==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.11E-14 Count rate 11/sec									
	2	SDSSJ0803 15.70+4836 03.0_1 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			968 Secs (968 Secs)	
									[==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 577/sec S/N ~8.9									
Exposures	3	SDSSJ0803 15.70+4836 03.0_2 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			967 Secs (967 Secs)	
									[==>]	[1]
	Comments: Exposure with FP-POS=3, second half of orbit 1 total count rate 577/sec S/N ~8.9									
	4	SDSSJ0803 15.70+4836 03.0_3 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1152 Secs (1152 Secs)	
									[==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 577/sec S/N ~8.9									
Exposures	5	SDSSJ0803 15.70+4836 03.0_4 (COS.sp.192 8116)	(8) SDSSJ080315.70 +483603.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1151 Secs (1151 Secs)	
									[==>]	[2]
	Comments: Exposure with FP-POS=3, second half of orbit 1 total count rate 577/sec S/N ~8.9									

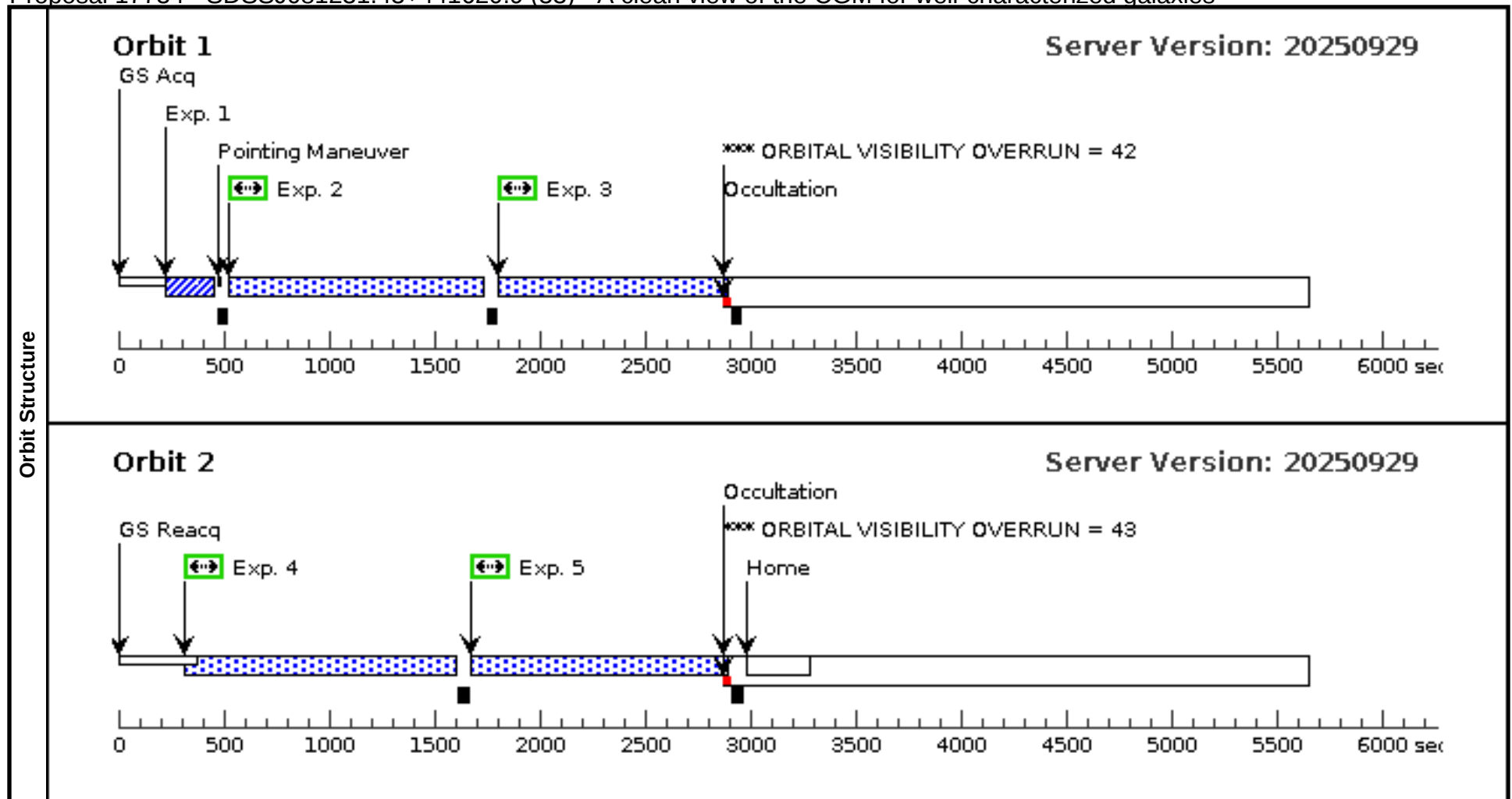


Proposal 17734 - SDSSJ081231.43+441620.9 (33) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ081231.43+441620.9 (33), failed Tue Mar 24 14:00:55 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ081231.43+441620.9 (33)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ081231.43+441620.9 (33)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ081231.43+441620.9 (33)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ081231.43+441620.9 (33)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(16)	SDSSJ081231.43+441620.9	RA: 08 12 31.4400 (123.1310000d) Dec: +44 16 20.90 (44.27247d) Equinox: J2000	Epoch of Position: 2000 	V=18.40+/-0.1 F=0.08E-14@1250; z=0.297
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

Proposal 17734 - SDSSJ081231.43+441620.9 (33) - A clean view of the CGM for well-characterized galaxies

[illegible]

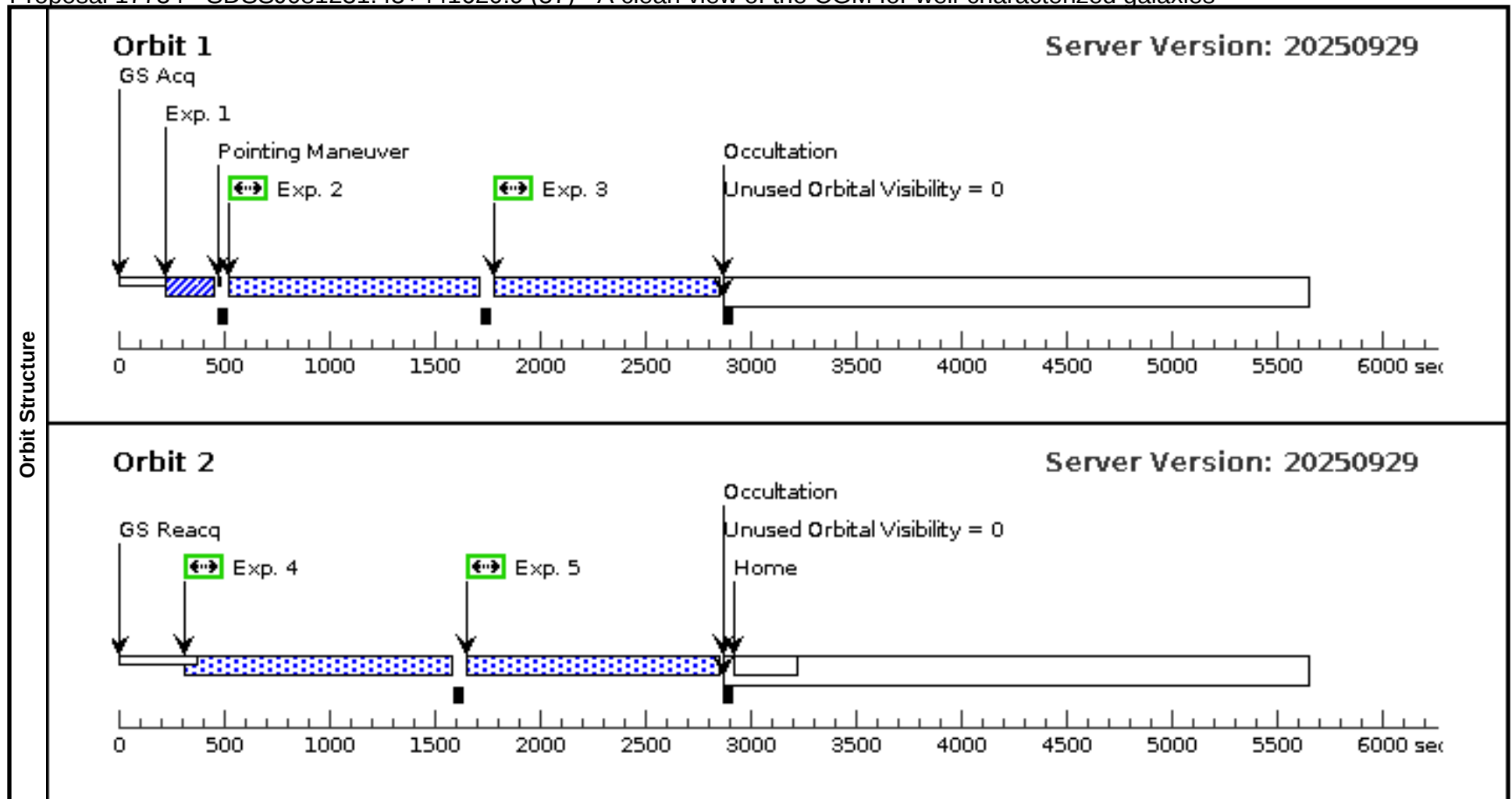


Proposal 17734 - SDSSJ081231.43+441620.9 (57) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ081231.43+441620.9 (57), scheduling					Tue Mar 24 14:00:55 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ081231.43+441620.9 (57)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ081231.43+441620.9 (57)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	SDSSJ081231.43+441620.9	RA: 08 12 31.4400 (123.1310000d) Dec: +44 16 20.90 (44.27247d) Equinox: J2000	Epoch of Position: 2000	V=18.40+/-0.1 F=0.08E-14@1250; z=0.297	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ081231.43+441620.9 (57) - A clean view of the CGM for well-characterized galaxies

[illegible]

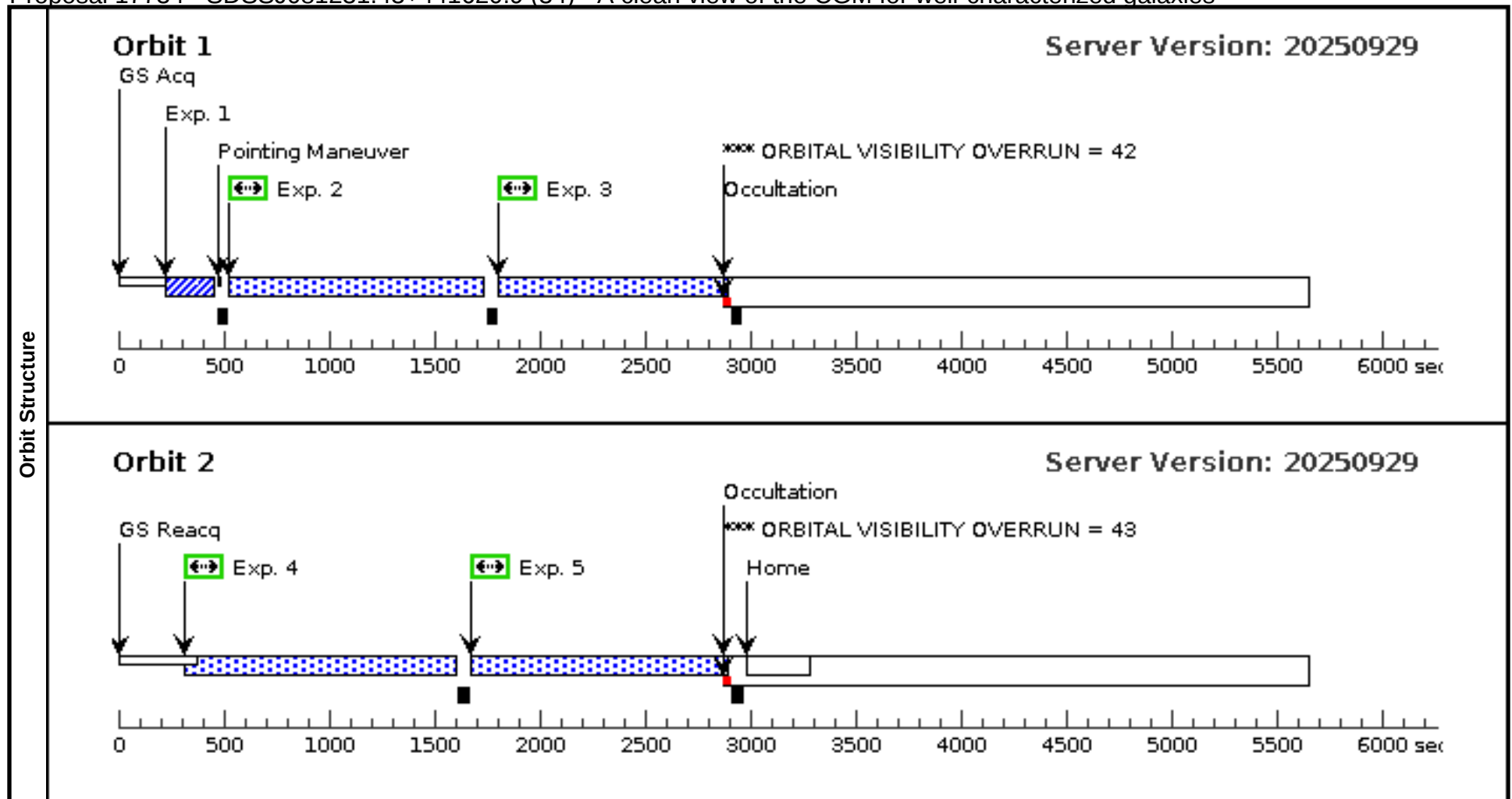


Proposal 17734 - SDSSJ081231.43+441620.9 (34) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ081231.43+441620.9 (34), failed					Tue Mar 24 14:00:55 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ081231.43+441620.9 (34)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ081231.43+441620.9 (34)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ081231.43+441620.9 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ081231.43+441620.9 (34)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(16)	SDSSJ081231.43+441620.9	RA: 08 12 31.4400 (123.1310000d) Dec: +44 16 20.90 (44.27247d) Equinox: J2000	Epoch of Position: 2000	V=18.40+/-0.1 F=0.08E-14@1250; z=0.297	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

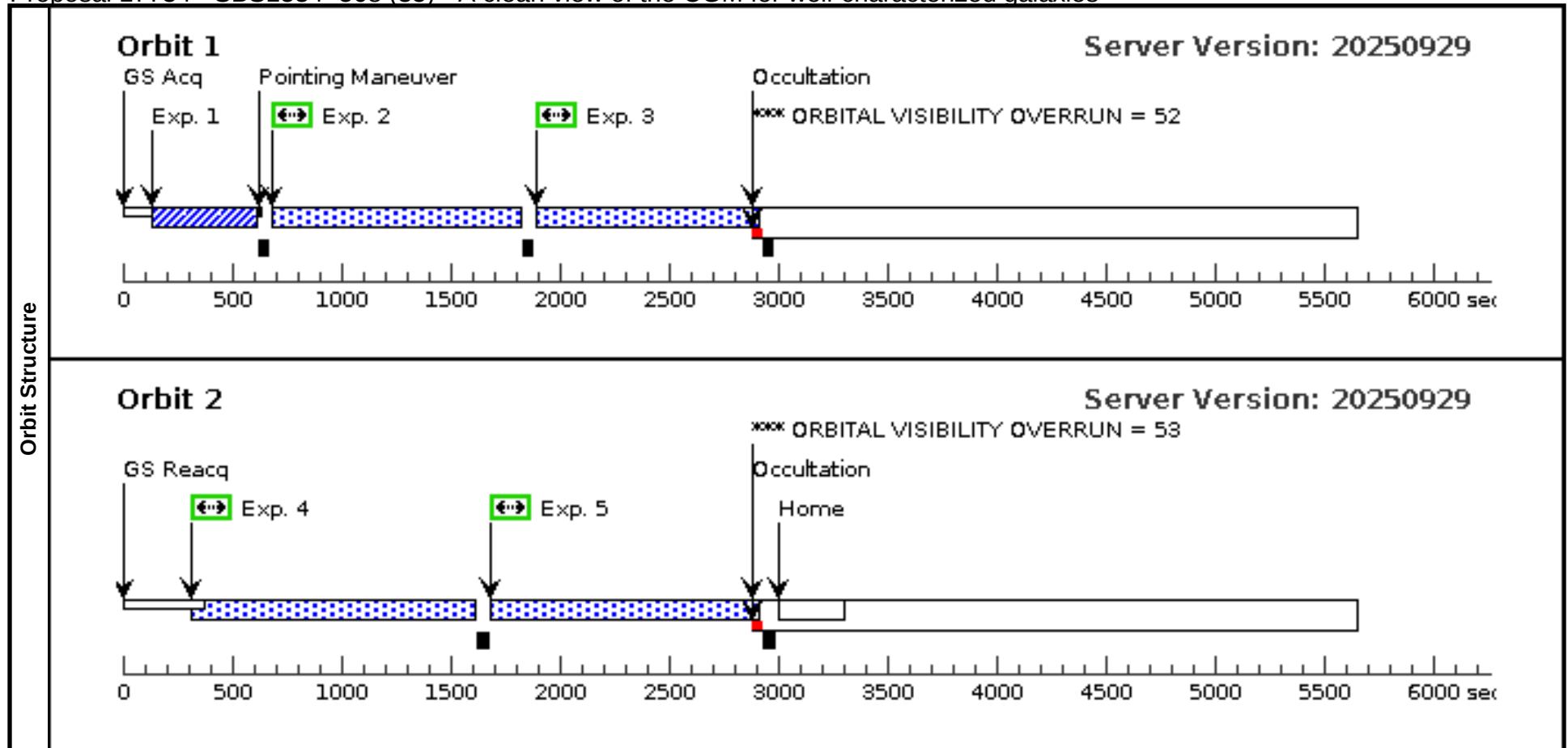
Proposal 17734 - SDSSJ081231.43+441620.9 (34) - A clean view of the CGM for well-characterized galaxies

[illegible]



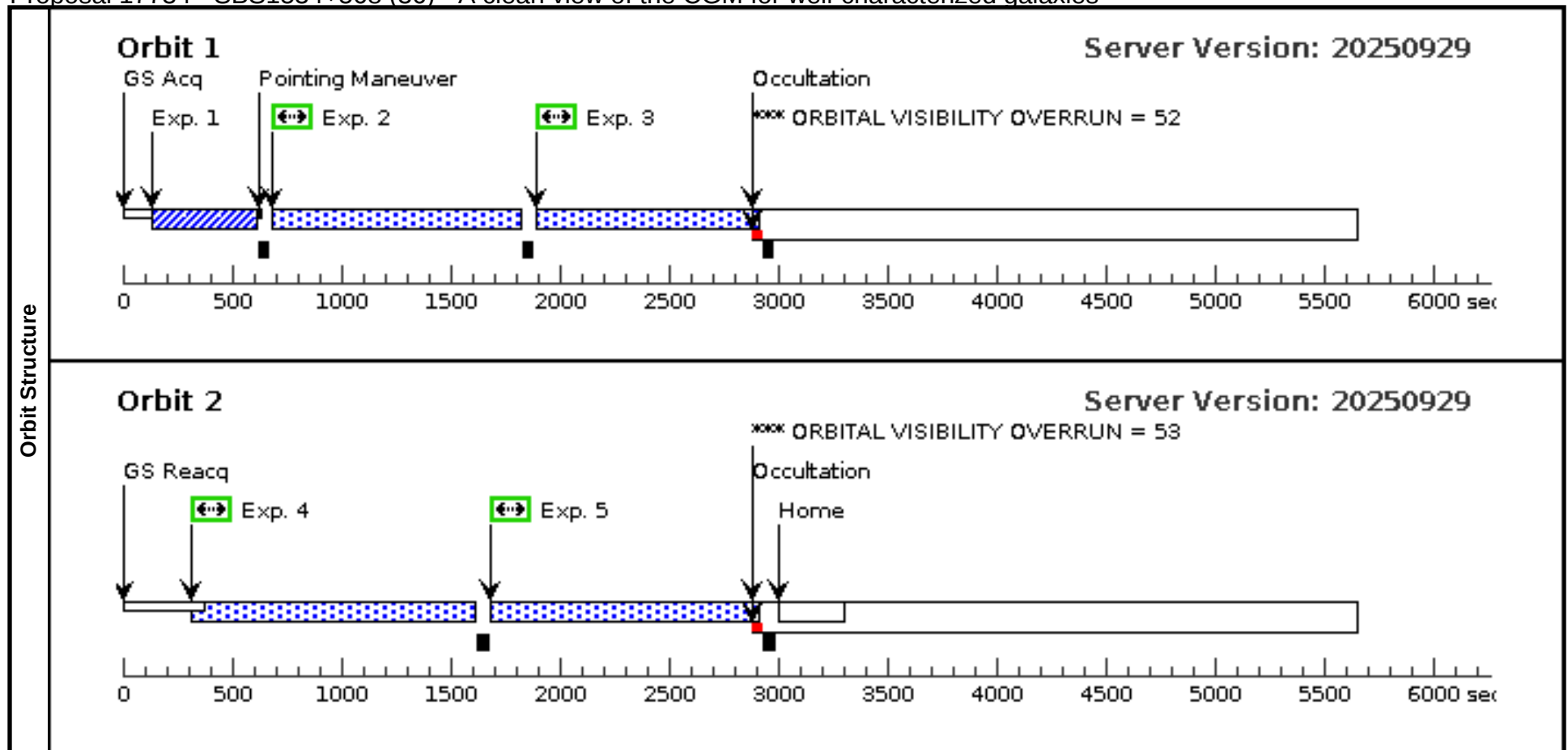
Proposal 17734 - SBS1534+568 (35) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SBS1534+568 (35), completed										Tue Mar 24 14:00:55 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: COS/FUV, COS/NUV													
	Special Requirements: SCHED 100%													
Diagnostics	(SBS1534+568 (35)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.													
	(SBS1534+568 (35)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS													
	(SBS1534+568 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
	(SBS1534+568 (35)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(17)	SBS1534+568	RA: 15 35 39.2500 (233.9135417d) Dec: +56 44 5.50 (56.73486d) Equinox: J2000			Epoch of Position: 2000		V=17.35+/-0.1 F=0.10E-14@1250; z=0.207		Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[QSO] Extended=NO													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1	SBS1534+5 68_ACQ1 (COS.ta.194 3439)	(17) SBS1534+568	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				88 Secs (88 Secs) [==>]		[1]		
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.10E-14 Count rate 10/sec													
	2	SBS1534+5 68_1 (COS.sp.192 8115)	(17) SBS1534+568	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			971 Secs (971 Secs) [==>]		[1]		
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 522/sec S/N ~8.5													
	3	SBS1534+5 68_2 (COS.sp.192 8115)	(17) SBS1534+568	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			970 Secs (970 Secs) [==>]		[1]		
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 522/sec S/N ~8.5													
	4	SBS1534+5 68_3 (COS.sp.192 8115)	(17) SBS1534+568	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1178 Secs (1178 Secs) [==>]		[2]		
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 522/sec S/N ~8.5													
	5	SBS1534+5 68_4 (COS.sp.192 8115)	(17) SBS1534+568	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1178 Secs (1178 Secs) [==>]		[2]		
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 522/sec S/N ~8.5													



Proposal 17734 - SBS1534+568 (36) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SBS1534+568 (36), completed										Tue Mar 24 14:00:55 GMT 2026			
	Diagnostic Status: Warning													
	Scientific Instruments: COS/FUV, COS/NUV													
	Special Requirements: SCHED 100%													
Diagnostics	(SBS1534+568 (36)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.													
	(SBS1534+568 (36)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS													
	(SBS1534+568 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
	(SBS1534+568 (36)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(17)	SBS1534+568	RA: 15 35 39.2500 (233.9135417d) Dec: +56 44 5.50 (56.73486d) Equinox: J2000			Epoch of Position: 2000		V=17.35+/-0.1 F=0.10E-14@1250; z=0.207		Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[QSO] Extended=NO													
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit		
	1	SBS1534+5 68_ACQ2 (COS.ta.194 3439)	(17) SBS1534+568	COS/NUV, ACQ/IMAGE, PSA		MIRRORB					88 Secs (88 Secs) [==>]	[1]		
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.10E-14 Count rate 10/sec													
	2	SBS1534+5 68_5 (COS.sp.192 8115)	(17) SBS1534+568	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00				971 Secs (971 Secs) [==>]	[1]		
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 522/sec S/N ~8.5													
	3	SBS1534+5 68_6 (COS.sp.192 8115)	(17) SBS1534+568	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00				970 Secs (970 Secs) [==>]	[1]		
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 522/sec S/N ~8.5													
	4	SBS1534+5 68_7 (COS.sp.192 8115)	(17) SBS1534+568	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00				1178 Secs (1178 Secs) [==>]	[2]		
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 522/sec S/N ~8.5													
	5	SBS1534+5 68_8 (COS.sp.192 8115)	(17) SBS1534+568	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00				1178 Secs (1178 Secs) [==>]	[2]		
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 522/sec S/N ~8.5													

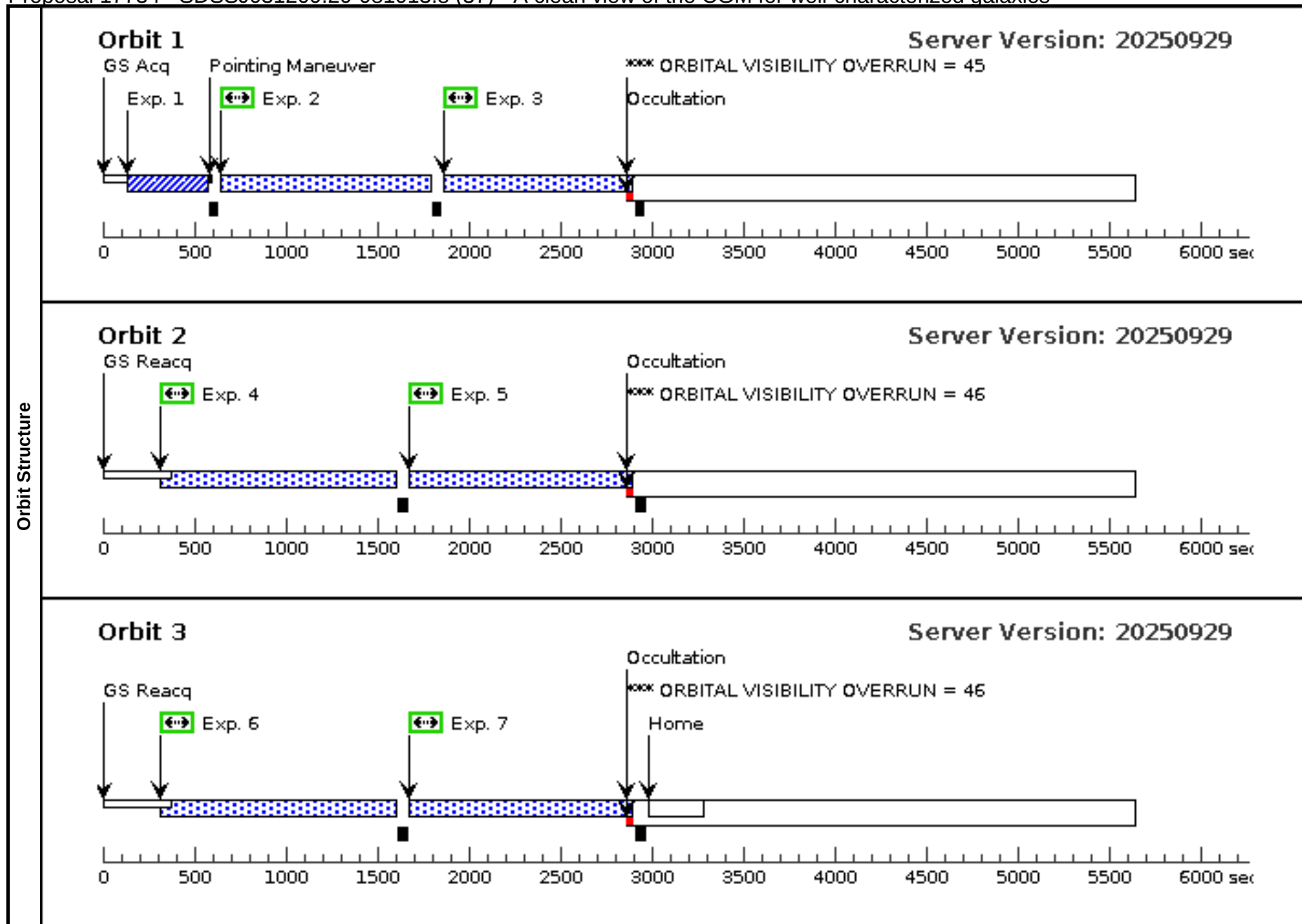


Proposal 17734 - SDSSJ031209.20-081013.8 (37) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ031209.20-081013.8 (37), completed					Tue Mar 24 14:00:55 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ031209.20-081013.8 (37)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ031209.20-081013.8 (37)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ031209.20-081013.8 (37)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ031209.20-081013.8 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ031209.20-081013.8 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ031209.20-081013.8 (37)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(18)	SDSSJ031209.20-081013.8	RA: 03 12 9.2100 (48.0383750d) Dec: -08 10 13.80 (-8.17050d) Equinox: J2000	Epoch of Position: 2000	V=17.41 +/-0.1 F=0.12E-14@1250; z=0.265	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ031209.20-081013.8 (37) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ0312 09.20-08101 3.8_ACQ1 (COS.ta.194 3441)	(18) SDSSJ031209.2 0-081013.8	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				67 Secs (67 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.13E-14 Count rate 13/sec									
	2	SDSSJ0312 09.20-08101 3.8_1 (COS.sp.192 8117)	(18) SDSSJ031209.2 0-081013.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			981 Secs (981 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 601/sec S/N ~9.3									
	3	SDSSJ0312 09.20-08101 3.8_2 (COS.sp.192 8117)	(18) SDSSJ031209.2 0-081013.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			981 Secs (981 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 601/sec S/N ~9.3									
	4	SDSSJ0312 09.20-08101 3.8_3 (COS.sp.192 8117)	(18) SDSSJ031209.2 0-081013.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 601/sec S/N ~9.3									
	5	SDSSJ0312 09.20-08101 3.8_4 (COS.sp.192 8117)	(18) SDSSJ031209.2 0-081013.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 601/sec S/N ~9.3									
	6	SDSSJ0312 09.20-08101 3.8_5 (COS.sp.192 8117)	(18) SDSSJ031209.2 0-081013.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 601/sec S/N ~9.3									
	7	SDSSJ0312 09.20-08101 3.8_6 (COS.sp.192 8117)	(18) SDSSJ031209.2 0-081013.8	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 601/sec S/N ~9.3									

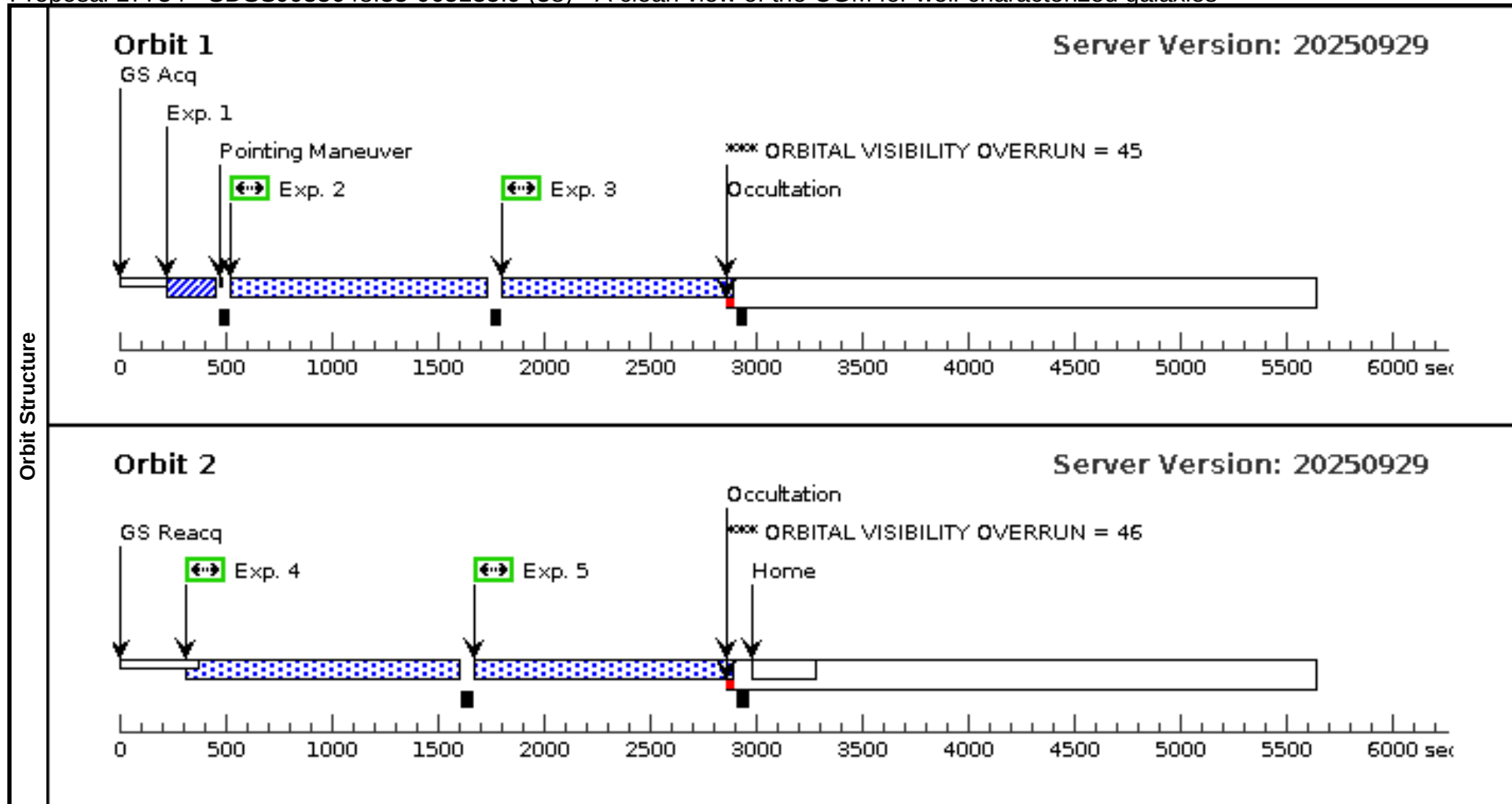


Proposal 17734 - SDSSJ033648.33-065135.9 (38) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ033648.33-065135.9 (38), completed Tue Mar 24 14:00:55 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ033648.33-065135.9 (38)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ033648.33-065135.9 (38)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ033648.33-065135.9 (38)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ033648.33-065135.9 (38)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(19)	SDSSJ033648.33-065135.9	RA: 03 36 48.3300 (54.2013750d) Dec: -06 51 36.00 (-6.86000d) Equinox: J2000	Epoch of Position: 2000 	V=14.60+/-0.1 F=0.08E-14@1250; z=0.072
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

Proposal 17734 - SDSSJ033648.33-065135.9 (38) - A clean view of the CGM for well-characterized galaxies

[illegible]

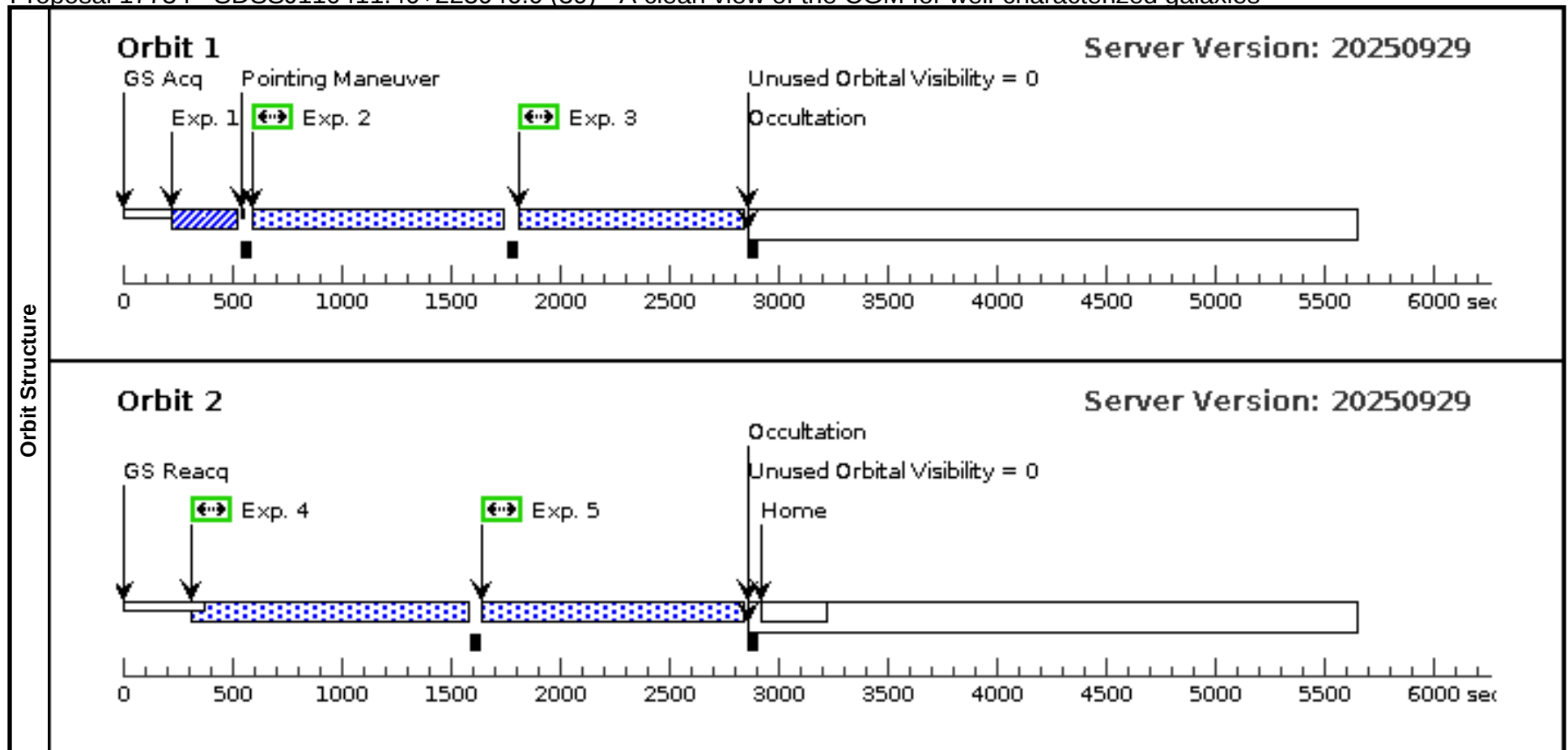


Proposal 17734 - SDSSJ110411.40+223946.0 (39) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ110411.40+223946.0 (39), pi					Tue Mar 24 14:00:55 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ110411.40+223946.0 (39)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ110411.40+223946.0 (39)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(14)	SDSSJ110411.40+223946.0	RA: 11 04 11.4000 (166.0475000d) Dec: +22 39 46.70 (22.66297d) Equinox: J2000	Epoch of Position: 2000	V=18.35+/-0.1 F=0.20E-14@1250; z=0.443	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ110411.40+223946.0 (39) - A clean view of the CGM for well-characterized galaxies

[illegible]

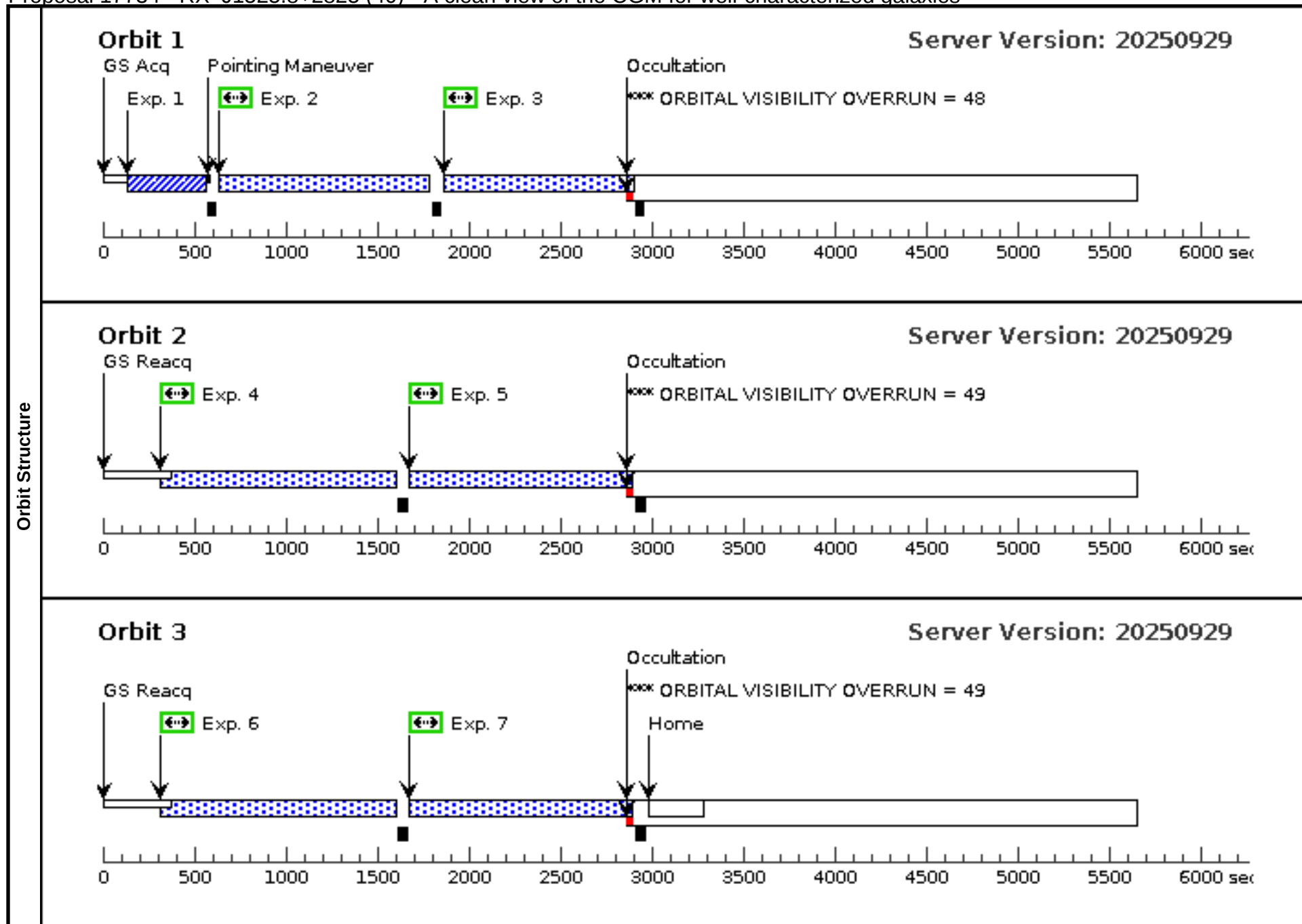


Proposal 17734 - RX J1525.8+2825 (40) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, RX_J1525.8+2825 (40), scheduling					Tue Mar 24 14:00:55 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(RX_J1525.8+2825 (40)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(RX_J1525.8+2825 (40)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(RX_J1525.8+2825 (40)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(RX_J1525.8+2825 (40)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(RX_J1525.8+2825 (40)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(RX_J1525.8+2825 (40)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(20)	RXJ1525.8+2825	RA: 15 25 48.4100 (231.4517083d)	Epoch of Position: 2000	V=18.35+/-0.1	Reference Frame: ICRS
			Dec: +28 25 35.40 (28.42650d)		F=0.14E-14@1250; z=0.160	
			Equinox: J2000			
		Comments: Name in proposal was SDSSJ152548.40+282535.2				
	Category=GALAXY					
	Description=[QSO]					
	Extended=NO					

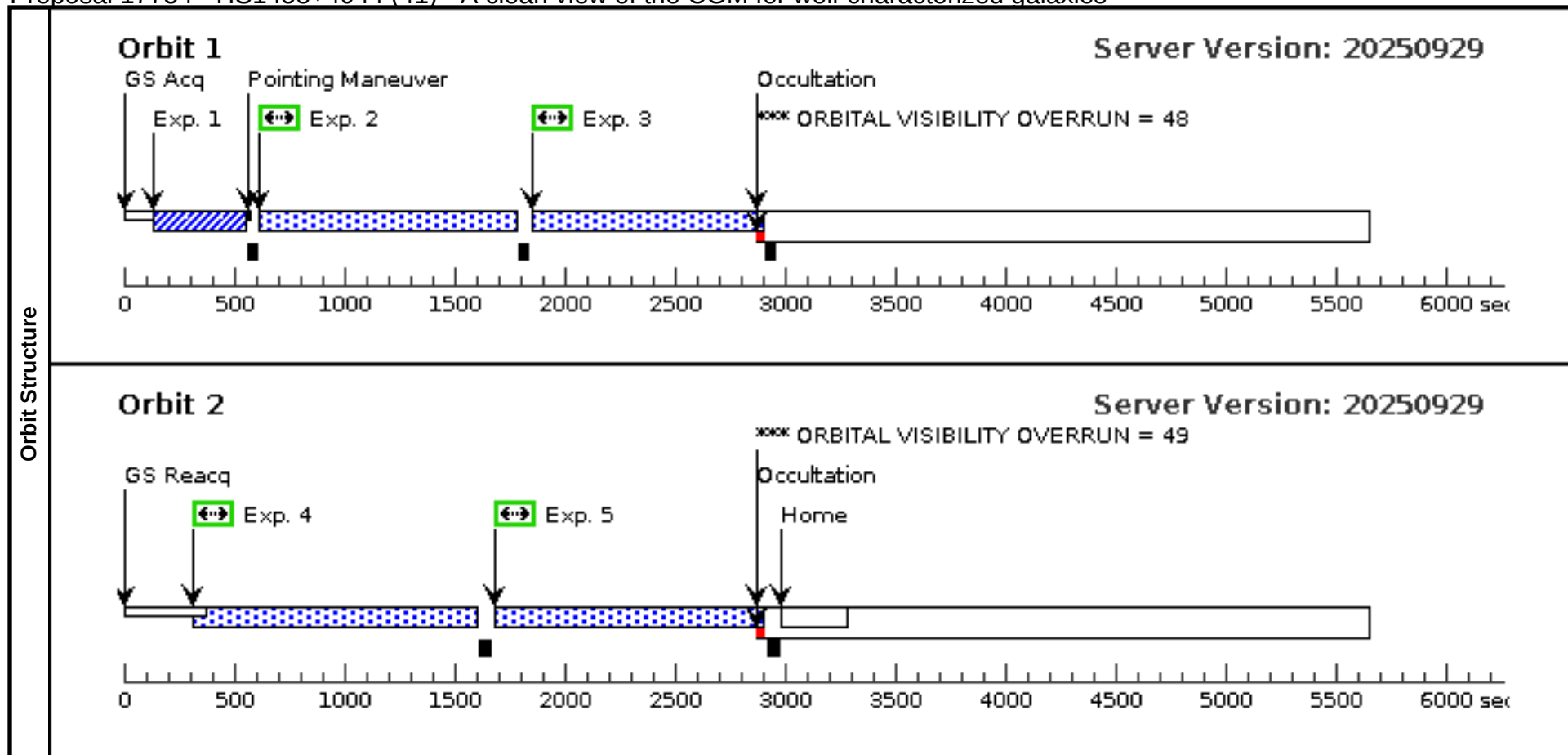
Proposal 17734 - RX J1525.8+2825 (40) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	RX_J1525.8 +2825_ACQ 5 1 (COS.ta.194 3442)	(20) RXJ1525.8+282	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				63 Secs (63 Secs) [=>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.14E-14 Count rate 14/sec									
	2	RX_J1525.8 +2825+1_1 5 (COS.sp.192 8121)	(20) RXJ1525.8+282	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			985 Secs (985 Secs) [=>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 650/sec S/N ~10.0									
	3	RX_J1525.8 +2825+1_2 5 (COS.sp.192 8121)	(20) RXJ1525.8+282	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			985 Secs (985 Secs) [=>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 650/sec S/N ~10.0									
	4	RX_J1525.8 +2825+1_3 5 (COS.sp.192 8121)	(20) RXJ1525.8+282	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [=>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 650/sec S/N ~10.0									
	5	RX_J1525.8 +2825+1_4 5 (COS.sp.192 8121)	(20) RXJ1525.8+282	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [=>]	[2]
Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 650/sec S/N ~10.0										
6	RX_J1525.8 +2825+1_5 5 (COS.sp.192 8121)	(20) RXJ1525.8+282	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [=>]	[3]	
Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 650/sec S/N ~10.0										
7	RX_J1525.8 +2825+1_6 5 (COS.sp.192 8121)	(20) RXJ1525.8+282	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs) [=>]	[3]	
Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 650/sec S/N ~10.0										



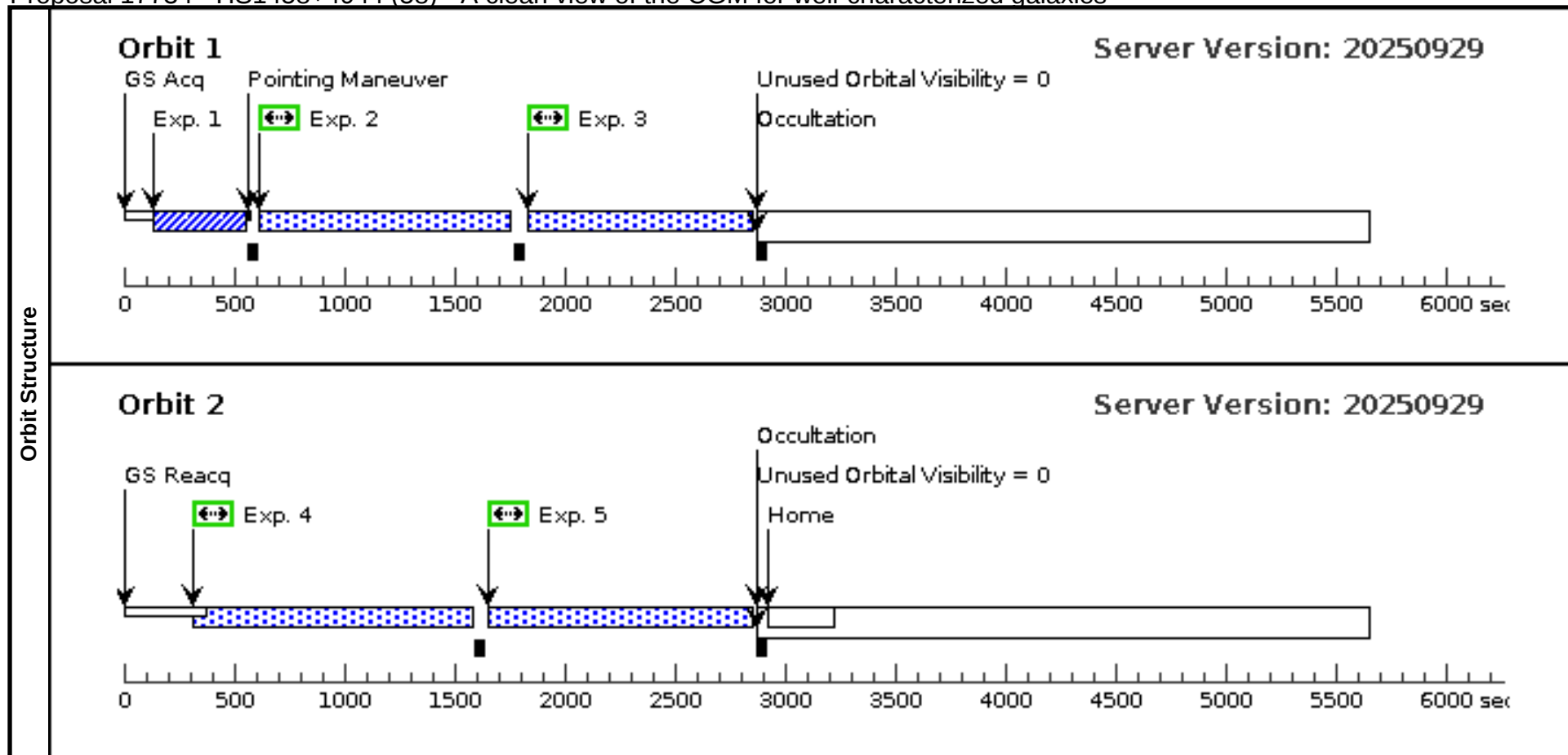
Proposal 17734 - HS1458+4944 (41) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, HS1458+4944 (41), failed										Tue Mar 24 14:00:55 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: SCHED 100%											
Diagnostics	(HS1458+4944 (41)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(HS1458+4944 (41)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS											
	(HS1458+4944 (41)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
	(HS1458+4944 (41)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous				
	(21)	HS1458+4944	RA: 15 00 3.3200 (225.0138333d) Dec: +49 32 54.80 (49.54856d) Equinox: J2000	Epoch of Position: 2000		V=17.00+/-0.1 F=0.16E-14@1250; z=0.049		Reference Frame: ICRS				
	Comments: Category=GALAXY Description=[QSO] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	HS1458+49 44_ACQ1 (COS.ta.192 8105)	(21) HS1458+4944	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				55 Secs (55 Secs) [==>]		[1]	
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.16E-14 Count rate168/sec											
	2	HS1458+49 44_1 (COS.sp.192 8120)	(21) HS1458+4944	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			997 Secs (997 Secs) [==>]		[1]	
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 699/sec S/N ~10.7											
	3	HS1458+49 44_2 (COS.sp.192 8120)	(21) HS1458+4944	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			996 Secs (996 Secs) [==>]		[1]	
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 699/sec S/N ~10.7											
	4	HS1458+49 44_3 (COS.sp.192 8120)	(21) HS1458+4944	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1171 Secs (1171 Secs) [==>]		[2]	
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 699/sec S/N ~10.7											
	5	HS1458+49 44_4 (COS.sp.192 8120)	(21) HS1458+4944	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1171 Secs (1171 Secs) [==>]		[2]	
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 699/sec S/N ~10.7											



Proposal 17734 - HS1458+4944 (58) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, HS1458+4944 (58), completed										Tue Mar 24 14:00:55 GMT 2026
	Diagnostic Status: Warning										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: SCHED 100%										
Diagnostics	(HS1458+4944 (58)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.										
	(HS1458+4944 (58)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(21)	HS1458+4944	RA: 15 00 3.3200 (225.0138333d) Dec: +49 32 54.80 (49.54856d) Equinox: J2000		Epoch of Position: 2000		V=17.00+/-0.1 F=0.16E-14@1250; z=0.049		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[QSO] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	HS1458+49 44_ACQ1 (COS.ta.192 8105)	(21) HS1458+4944	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				55 Secs (55 Secs) [==>]		[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.16E-14 Count rate168/sec										
	2	HS1458+49 44_1 (COS.sp.192 8120)	(21) HS1458+4944	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			973 Secs (973 Secs) [==>]		[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 699/sec S/N ~10.7										
	3	HS1458+49 44_2 (COS.sp.192 8120)	(21) HS1458+4944	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			972 Secs (972 Secs) [==>]		[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 699/sec S/N ~10.7										
	4	HS1458+49 44_3 (COS.sp.192 8120)	(21) HS1458+4944	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1152 Secs (1152 Secs) [==>]		[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 699/sec S/N ~10.7										
	5	HS1458+49 44_4 (COS.sp.192 8120)	(21) HS1458+4944	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1151 Secs (1151 Secs) [==>]		[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 699/sec S/N ~10.7										

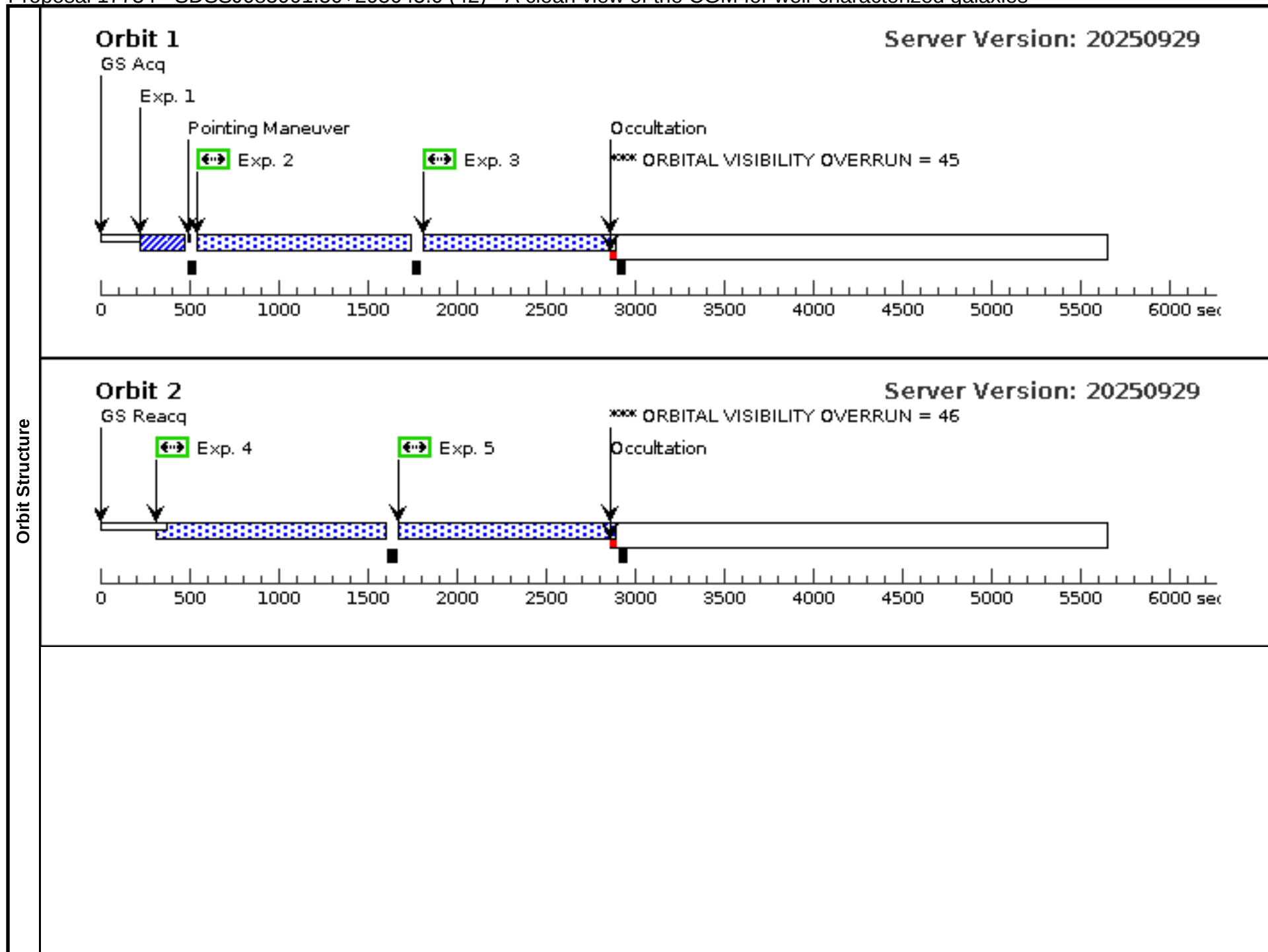


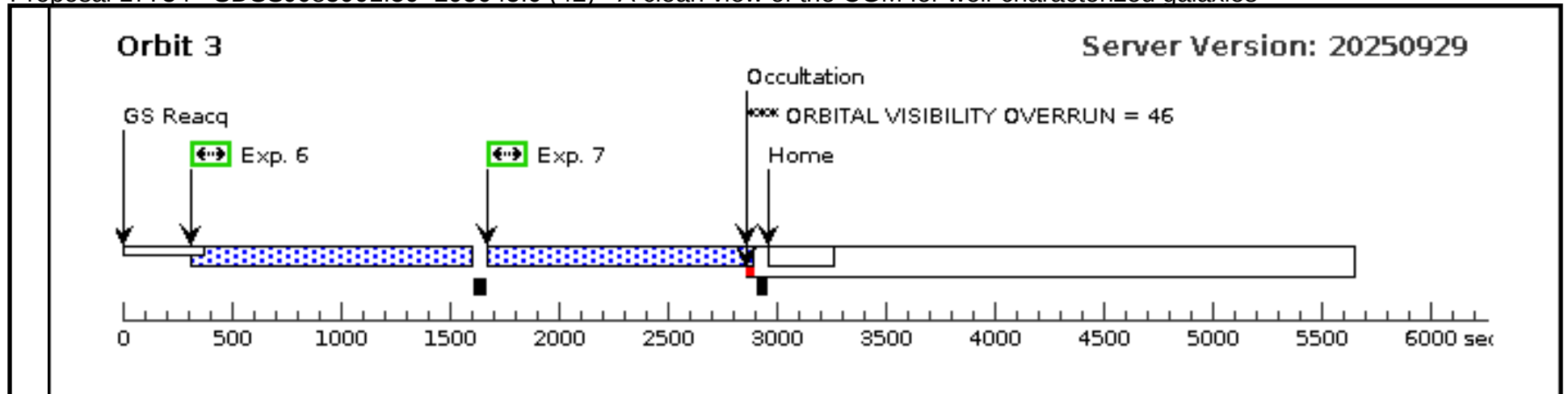
Proposal 17734 - SDSSJ085901.50+295045.0 (42) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ085901.50+295045.0 (42), completed					Tue Mar 24 14:00:55 GMT 2026
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ085901.50+295045.0 (42)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ085901.50+295045.0 (42)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ085901.50+295045.0 (42)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ085901.50+295045.0 (42)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ085901.50+295045.0 (42)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ085901.50+295045.0 (42)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(22)	SDSSJ085901.50+295045.0	RA: 08 59 1.5300 (134.7563750d) Dec: +29 50 45.30 (29.84592d) Equinox: J2000	Epoch of Position: 2000	V=19.3 F=0.04E-14@1250; z=0.255	Reference Frame: ICRS
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ085901.50+295045.0 (42) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1534 45.22+5649 02.0_ACQ1 (COS.ta.194 3433)	(22) SDSSJ085901.5 0+295045.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				19 Secs (19 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-14 Count rate 83/sec									
	2	SDSSJ0859 01.50+2950 45.0_1 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404/sec S/N ~5.4									
	3	SDSSJ0859 01.50+2950 45.0_2 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1027 Secs (1027 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.4									
	4	SDSSJ0859 01.50+2950 45.0_3 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.4									
	5	SDSSJ0859 01.50+2950 45.0_4 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1164 Secs (1164 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.4									
	6	SDSSJ0859 01.50+2950 45.0_5 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 404/sec S/N ~5.4									
	7	SDSSJ0859 01.50+2950 45.0_6 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1164 Secs (1164 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 404/sec S/N ~5.4									



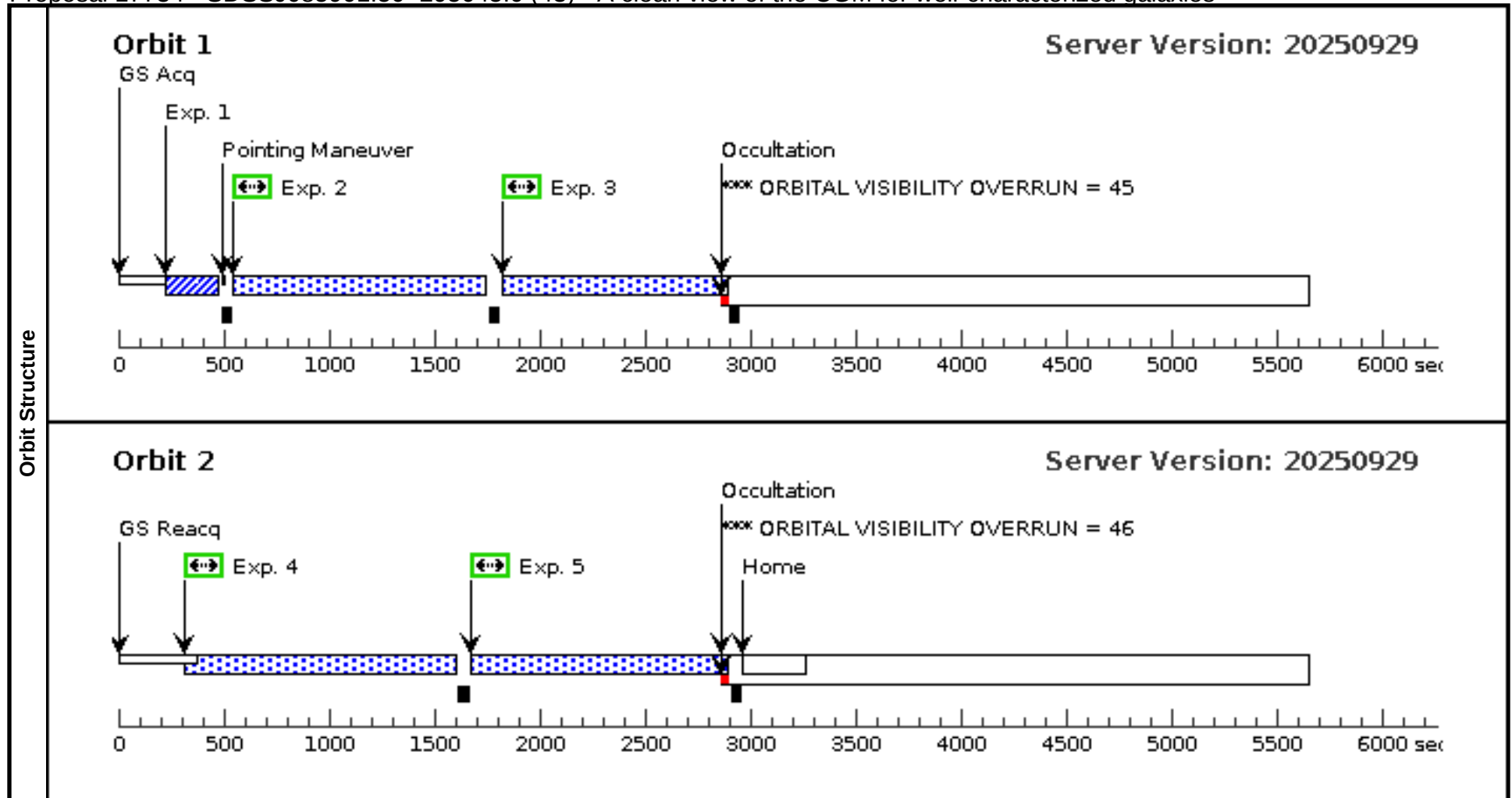


Proposal 17734 - SDSSJ085901.50+295045.0 (43) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ085901.50+295045.0 (43), completed Tue Mar 24 14:00:55 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100% <i>Comments: Submitted as visit 3. Changed to visit 43.</i>				
Diagnostics	(SDSSJ085901.50+295045.0 (43)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ085901.50+295045.0 (43)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ085901.50+295045.0 (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ085901.50+295045.0 (43)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(22)	SDSSJ085901.50+295045.0	RA: 08 59 1.5300 (134.7563750d) Dec: +29 50 45.30 (29.84592d) Equinox: J2000	Epoch of Position: 2000 	V=19.3 F=0.04E-14@1250; z=0.255
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

Proposal 17734 - SDSSJ085901.50+295045.0 (43) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ0859 01.50+2950 45.0_7_AC Q2 (COS.ta.194 3433)	(22) SDSSJ085901.5 0+295045.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				19 Secs (19 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-14 Count rate 83/sec									
	2	SDSSJ0859 01.50+2950 45.0_7 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=35 00			1021 Secs (1021 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404/sec S/N ~5.4									
	3	SDSSJ0859 01.50+2950 45.0_8 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=35 00			1020 Secs (1020 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.4									
	4	SDSSJ0859 01.50+2950 45.0_9 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.4									
	5	SDSSJ0859 01.50+2950 45.0_10 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1222 A	FP-POS=4; BUFFER-TIME=35 00			1164 Secs (1164 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.4									

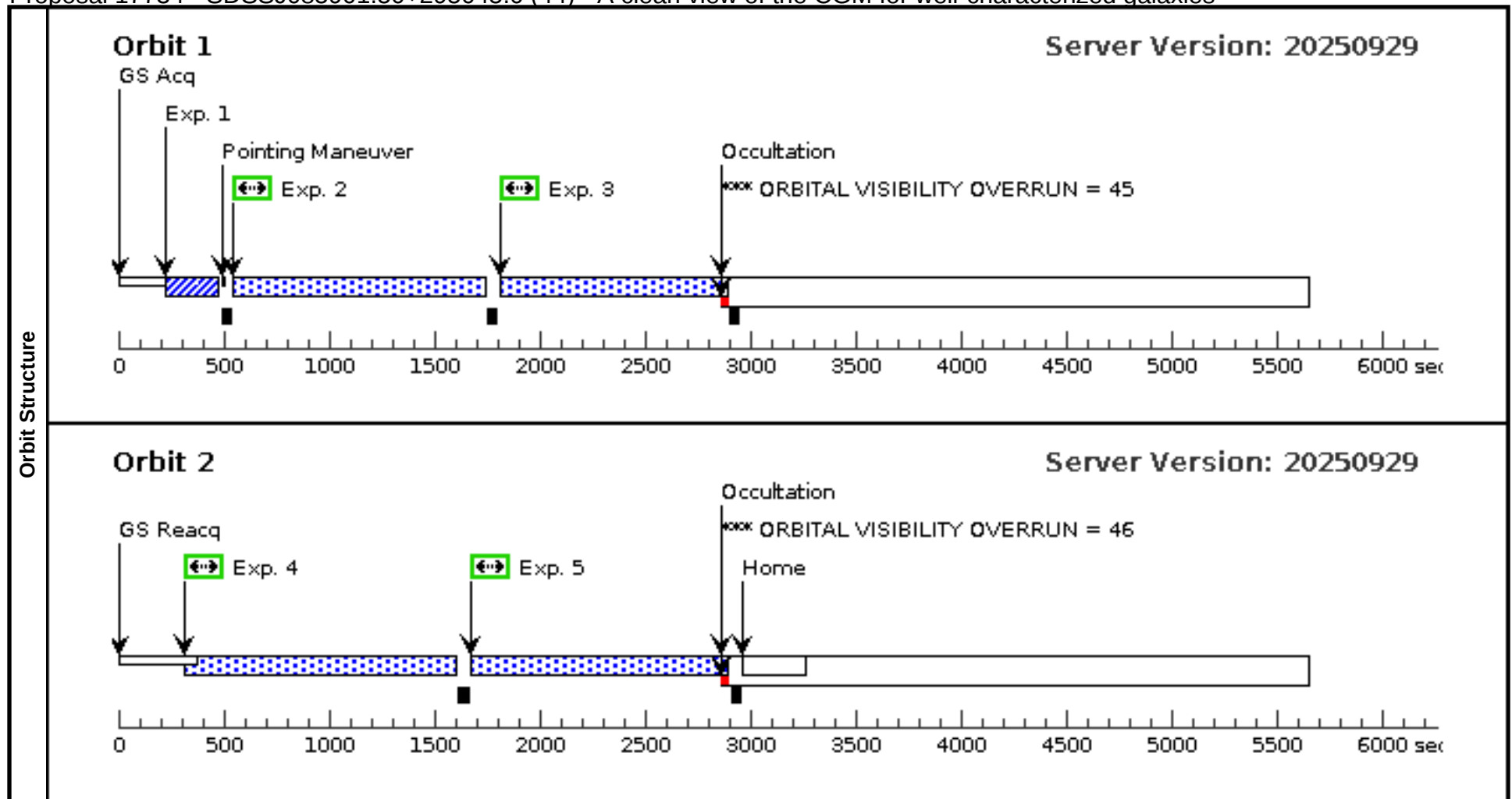


Proposal 17734 - SDSSJ085901.50+295045.0 (44) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ085901.50+295045.0 (44), completed Tue Mar 24 14:00:55 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ085901.50+295045.0 (44)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ085901.50+295045.0 (44)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ085901.50+295045.0 (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ085901.50+295045.0 (44)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(22)	SDSSJ085901.50+295045.0	RA: 08 59 1.5300 (134.7563750d) Dec: +29 50 45.30 (29.84592d) Equinox: J2000	Epoch of Position: 2000 	V=19.3 F=0.04E-14@1250; z=0.255
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

Proposal 17734 - SDSSJ085901.50+295045.0 (44) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ0859 01.50+2950 45.0_7_AC Q3 (COS.ta.194 3433)	(22) SDSSJ085901.5 0+295045.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				19 Secs (19 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=40; F=0.04E-14 Count rate 83/sec									
	2	SDSSJ0859 01.50+2950 45.0_11 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1028 Secs (1028 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 404/sec S/N ~5.4									
	3	SDSSJ0859 01.50+2950 45.0_12 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1027 Secs (1027 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 404/sec S/N ~5.4									
	4	SDSSJ0859 01.50+2950 45.0_13 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1168 Secs (1168 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 404/sec S/N ~5.4									
	5	SDSSJ0859 01.50+2950 45.0_14 (COS.sp.192 8111)	(22) SDSSJ085901.5 0+295045.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1164 Secs (1164 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 404/sec S/N ~5.4									

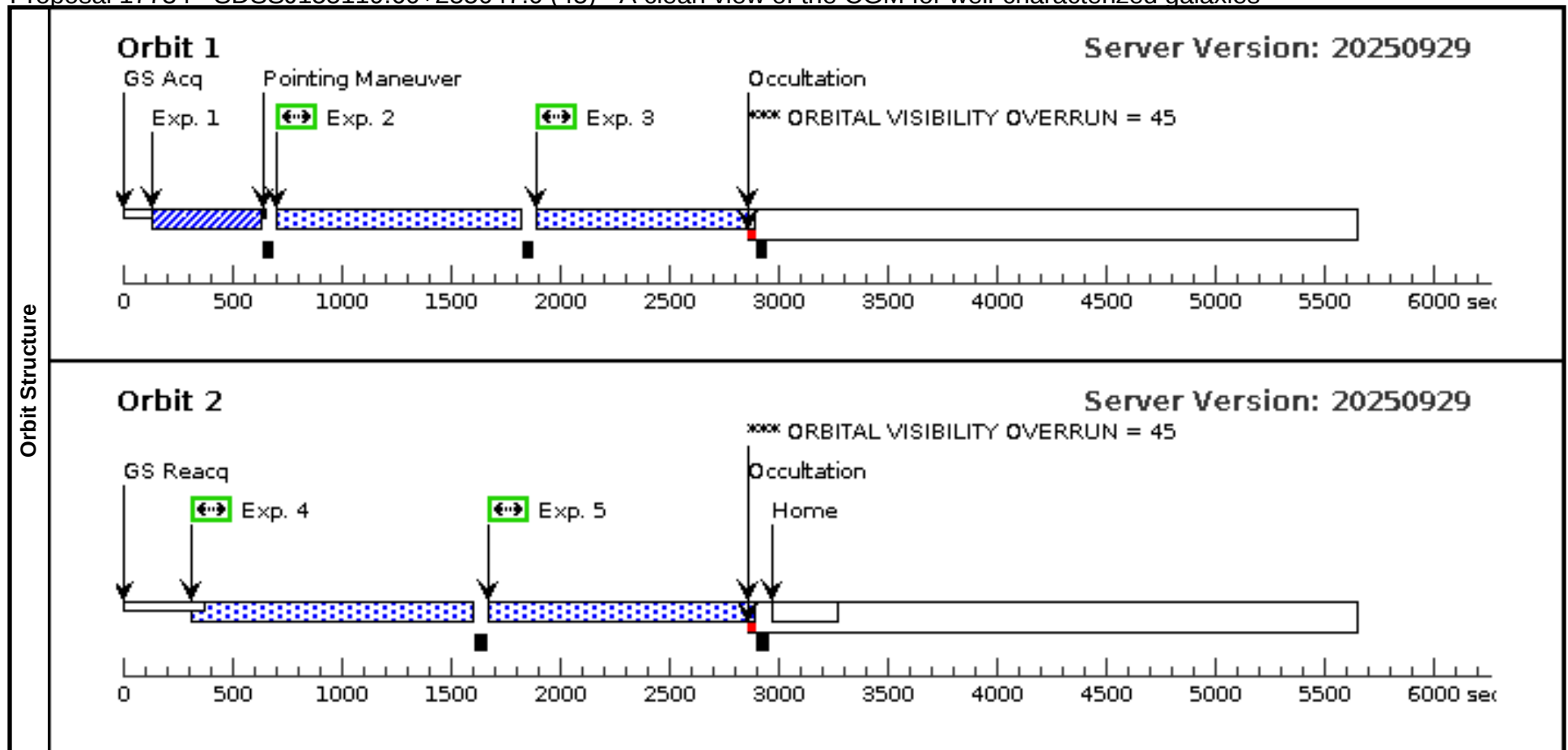


Proposal 17734 - SDSSJ155119.60+255047.0 (45) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ155119.60+255047.0 (45), completed Tue Mar 24 14:00:55 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ155119.60+255047.0 (45)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ155119.60+255047.0 (45)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ155119.60+255047.0 (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ155119.60+255047.0 (45)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(23)	SDSSJ155119.60+255047.0	RA: 15 51 19.6000 (237.8316667d) Dec: +25 50 47.10 (25.84642d) Equinox: J2000	Epoch of Position: 2000 	V=18.15+/-0.1 F=0.09E-14@1250; z=0.593
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

Proposal 17734 - SDSSJ155119.60+255047.0 (45) - A clean view of the CGM for well-characterized galaxies

[illegible]

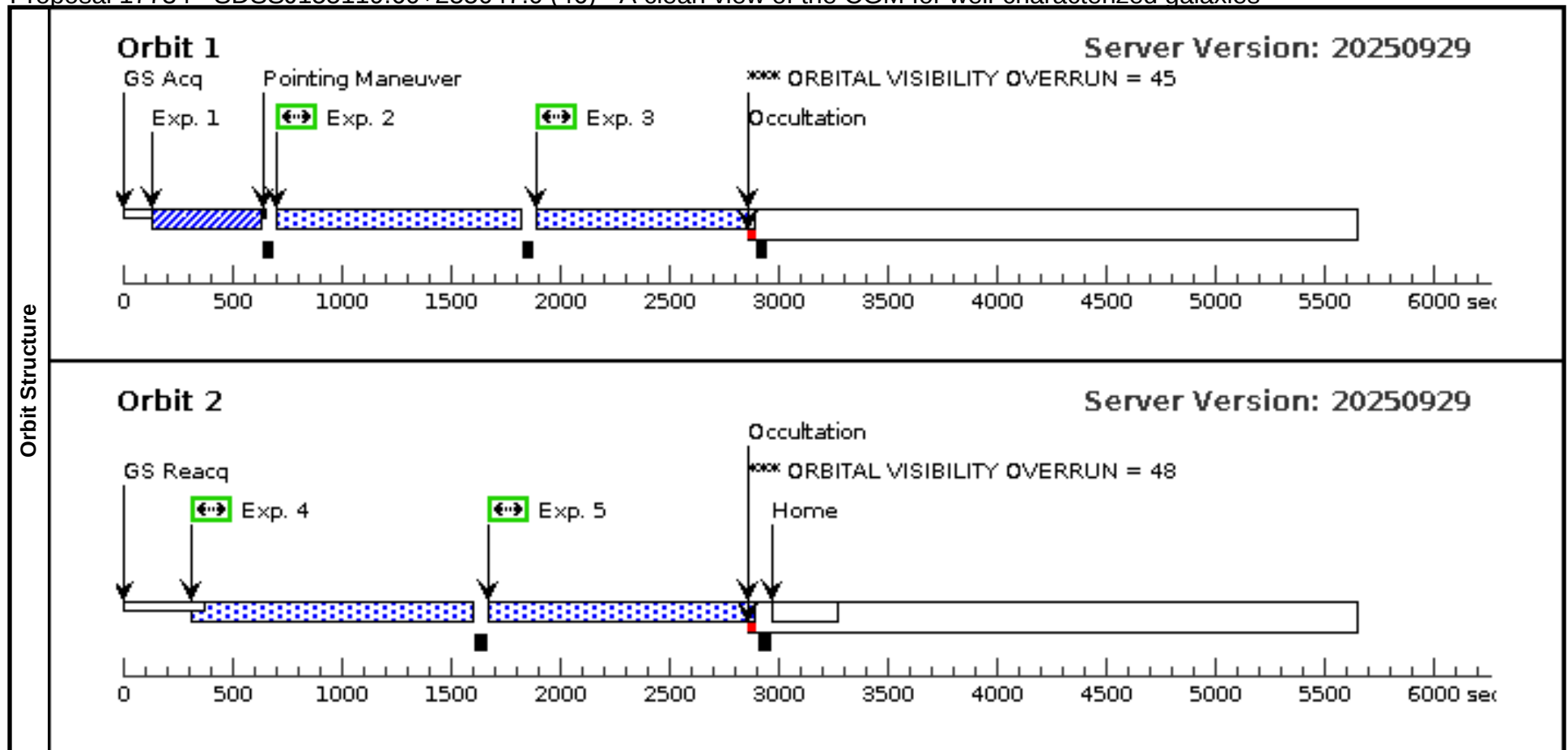


Proposal 17734 - SDSSJ155119.60+255047.0 (46) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ155119.60+255047.0 (46), completed Tue Mar 24 14:00:55 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ155119.60+255047.0 (46)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE. (SDSSJ155119.60+255047.0 (46)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS (SDSSJ155119.60+255047.0 (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN (SDSSJ155119.60+255047.0 (46)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(23)	SDSSJ155119.60+255047.0	RA: 15 51 19.6000 (237.8316667d) Dec: +25 50 47.10 (25.84642d) Equinox: J2000	Epoch of Position: 2000 	V=18.15+/-0.1 F=0.09E-14@1250; z=0.593
Fixed Targets	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

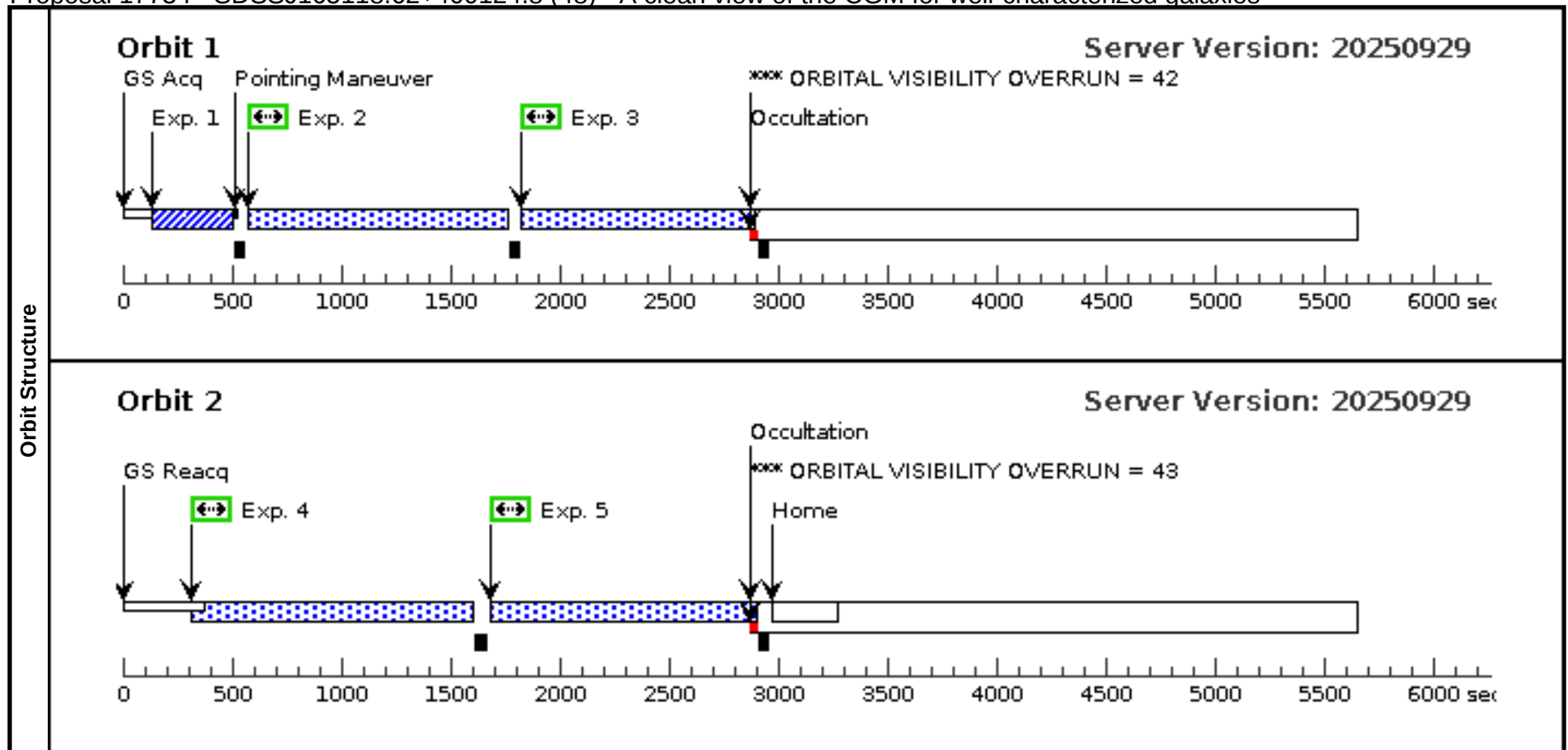
Proposal 17734 - SDSSJ155119.60+255047.0 (46) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1551 19.60+2550 47.0_ACQ2 (COS.ta.194 3438)	(23) SDSSJ155119.6 0+255047.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				98 Secs (98 Secs)	
									[==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.09E-14 Count rate 9/sec									
	2	SDSSJ1551 19.60+2550 47.0_5 (COS.sp.192 8114)	(23) SDSSJ155119.6 0+255047.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			949 Secs (949 Secs)	
									[==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 527/sec S/N ~8.0									
Exposures	3	SDSSJ1551 19.60+2550 47.0_6 (COS.sp.192 8114)	(23) SDSSJ155119.6 0+255047.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			948 Secs (948 Secs)	
									[==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 527/sec S/N ~8.0									
	4	SDSSJ1551 19.60+2550 47.0_7 (COS.sp.192 8114)	(23) SDSSJ155119.6 0+255047.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1167 Secs (1167 Secs)	
									[==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 527/sec S/N ~8.0									
Exposures	5	SDSSJ1551 19.60+2550 47.0_8 (COS.sp.192 8114)	(23) SDSSJ155119.6 0+255047.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1167 Secs (1167 Secs)	
									[==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 527/sec S/N ~8.0									



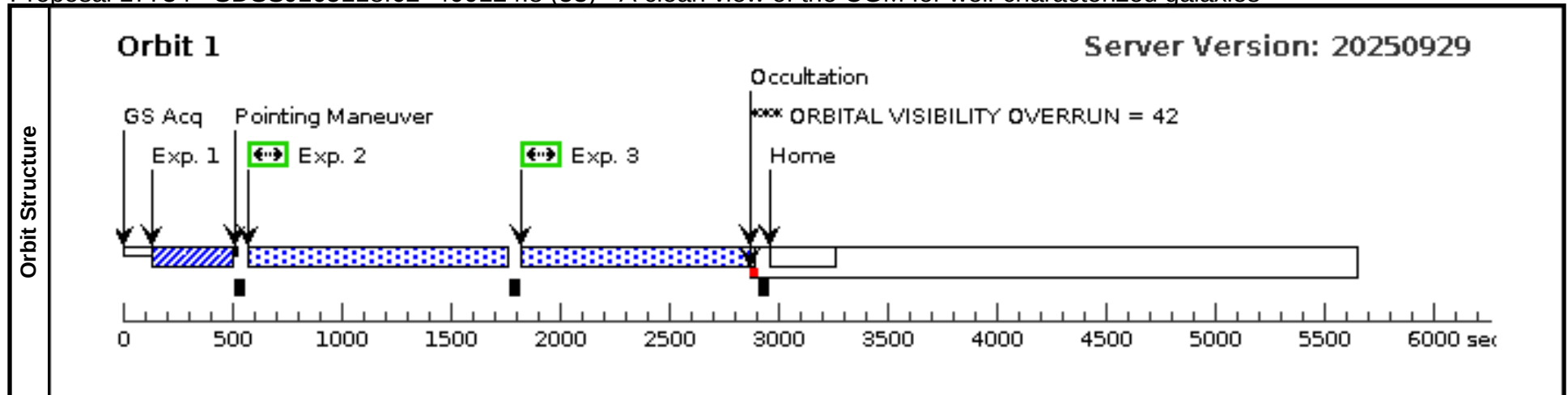
Proposal 17734 - SDSSJ165118.62+400124.8 (48) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ165118.62+400124.8 (48), failed					Tue Mar 24 14:00:55 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Diagnostics	(SDSSJ165118.62+400124.8 (48)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ165118.62+400124.8 (48)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
	(SDSSJ165118.62+400124.8 (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
	(SDSSJ165118.62+400124.8 (48)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(24)	SDSSJ165118.62+400124.8	RA: 16 51 18.6300 (252.8276250d) Dec: +40 01 24.80 (40.02356d) Equinox: J2000	Epoch of Position: 2000	V=17.25+/-0.1 F=0.28E-14@1250; z=0.358	Reference Frame: ICRS
	Comments: Category=GALAXY Description=[QSO] Extended=NO					



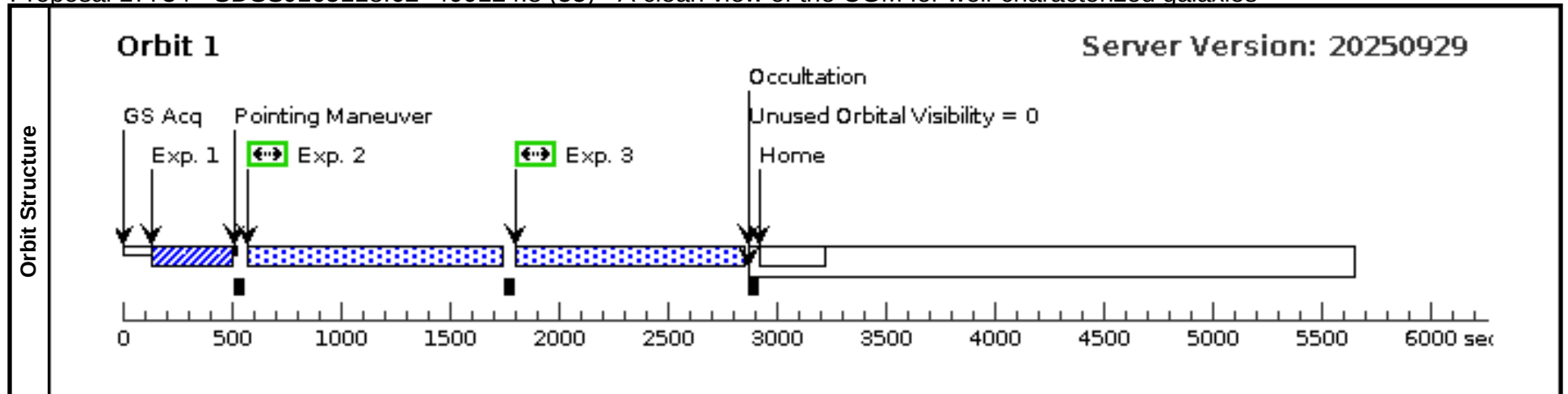
Proposal 17734 - SDSSJ165118.62+400124.8 (53) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ165118.62+400124.8 (53), failed										Tue Mar 24 14:00:55 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: SCHED 100%											
Comments: HOPR repeat of the first orbit of visit 48.												
Diagnostics	(SDSSJ165118.62+400124.8 (53)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
	(SDSSJ165118.62+400124.8 (53)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(24)	SDSSJ165118.62+400124.8	RA: 16 51 18.6300 (252.8276250d) Dec: +40 01 24.80 (40.02356d) Equinox: J2000			Epoch of Position: 2000		V=17.25+/-0.1 F=0.28E-14@1250; z=0.358		Reference Frame: ICRS		
	Comments:											
	Category=GALAXY											
Description=[QSO]												
Extended=NO												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	SDSSJ165118.62+400124.8_ACQ1 (COS.ta.1943447)	(24) SDSSJ165118.62+400124.8	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				31 Secs (31 Secs)		
											[==>]	[1]
	Comments: NUV acquisition exposure											
	COS ETC result for S/N=30; F=0.28E-14											
	Count rate 29/sec											
	2	SDSSJ165118.62+400124.8_1 (COS.sp.1928124)	(24) SDSSJ165118.62+400124.8	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; BUFFER-TIME=3500			1017 Secs (1017 Secs)		
											[==>]	[1]
Comments: Exposure with FP-POS=3, first half of orbit 1												
total count rate 994/sec												
S/N ~14.2												
3	SDSSJ165118.62+400124.8_2 (COS.sp.1928124)	(24) SDSSJ165118.62+400124.8	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; BUFFER-TIME=3500			1017 Secs (1017 Secs)			
										[==>]	[1]	
Comments: Exposure with FP-POS=4, second half of orbit 1												
total count rate 994/sec												
S/N ~14.2												



Proposal 17734 - SDSSJ165118.62+400124.8 (55) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ165118.62+400124.8 (55), completed										Tue Mar 24 14:00:55 GMT 2026	
	Diagnostic Status: Warning											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: SCHED 100%											
Comments: HOPR repeat of visit 53.												
Diagnostics	(SDSSJ165118.62+400124.8 (55)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(24)	SDSSJ165118.62+400124.8	RA: 16 51 18.6300 (252.8276250d) Dec: +40 01 24.80 (40.02356d) Equinox: J2000			Epoch of Position: 2000		V=17.25+/-0.1 F=0.28E-14@1250; z=0.358		Reference Frame: ICRS		
	Comments: Category=GALAXY Description=[QSO] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	SDSSJ165118.62+400124.8_ACQ1 (COS.ta.1943447)	(24) SDSSJ165118.62+400124.8	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				31 Secs (31 Secs) [==>]		[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.28E-14 Count rate 29/sec											
	2	SDSSJ165118.62+400124.8_1 (COS.sp.1928124)	(24) SDSSJ165118.62+400124.8	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=3; BUFFER-TIME=3500			1017 Secs (996 Secs) [==>996.0 Secs]		[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 994/sec S/N ~14.2											
	3	SDSSJ165118.62+400124.8_2 (COS.sp.1928124)	(24) SDSSJ165118.62+400124.8	COS/FUV, TIME-TAG, PSA		G130M 1291 A	FP-POS=4; BUFFER-TIME=3500			1017 Secs (996 Secs) [==>996.0 Secs]		[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 994/sec S/N ~14.2											

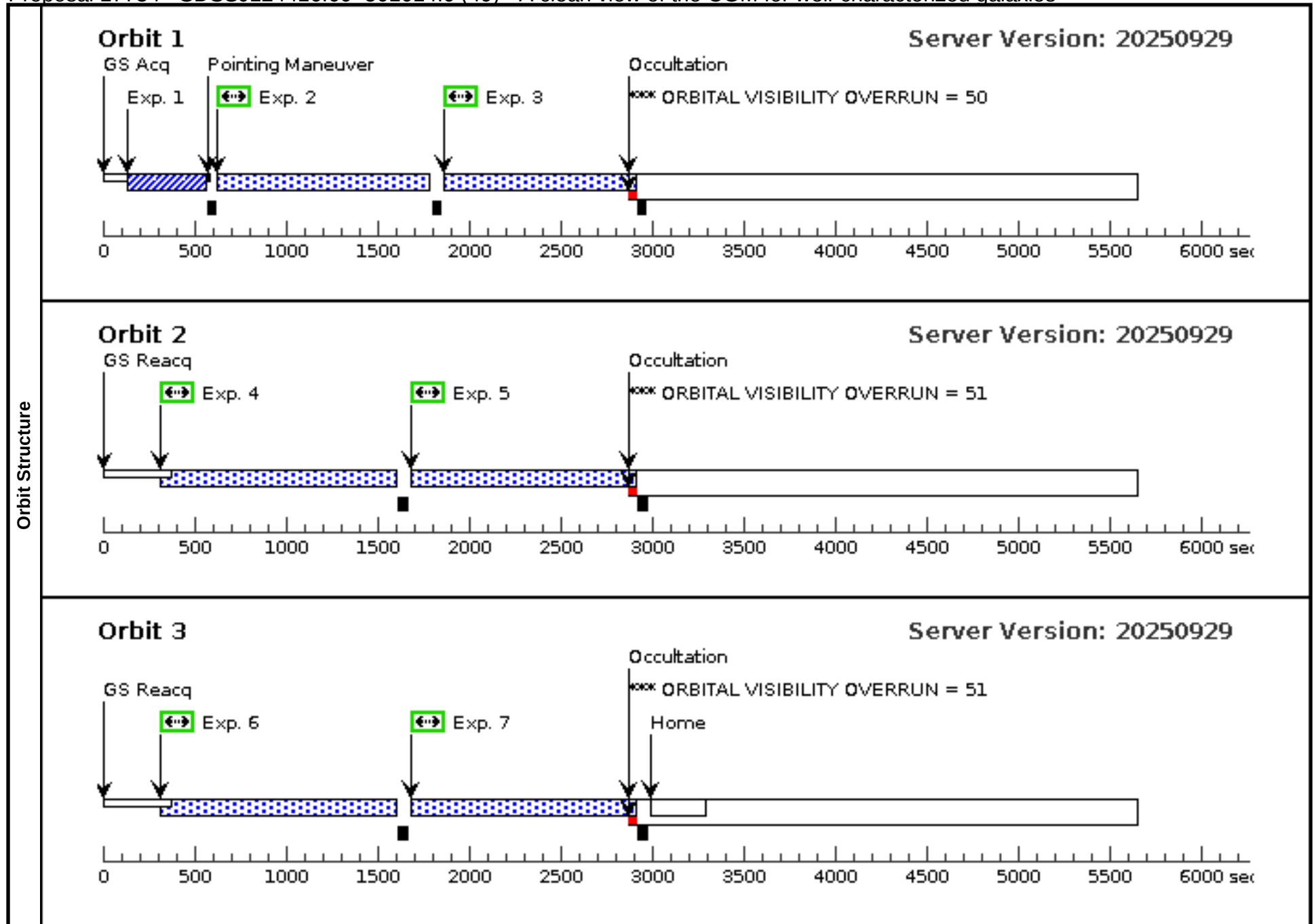


Proposal 17734 - SDSSJ124416.60+501014.0 (49) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ124416.60+501014.0 (49), failed Tue Mar 24 14:00:55 GMT 2026				
	Diagnostic Status: Warning Scientific Instruments: COS/FUV, COS/NUV Special Requirements: SCHED 100%				
Diagnostics	(SDSSJ124416.60+501014.0 (49)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.				
	(SDSSJ124416.60+501014.0 (49)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS				
	(SDSSJ124416.60+501014.0 (49)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS				
	(SDSSJ124416.60+501014.0 (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(SDSSJ124416.60+501014.0 (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
	(SDSSJ124416.60+501014.0 (49)) Warning (Orbit Planner): ORBITAL VISIBILITY OVERRUN				
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes
	(25)	SDSSJ124416.60+501014.0	RA: 12 44 16.6200 (191.0692500d) Dec: +50 10 14.90 (50.17081d) Equinox: J2000	Epoch of Position: 2000	V=18.90+/-0.1 F=0.15E-14@1250; z=0.230
	Comments: Category=GALAXY Description=[QSO] Extended=NO				
	Reference Frame: ICRS				

Proposal 17734 - SDSSJ124416.60+501014.0 (49) - A clean view of the CGM for well-characterized galaxies

Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	SDSSJ1244 16.60+5010 14.0_ACQ1 (COS.ta.194 3443)	(25) SDSSJ124416.6 0+501014.0	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				59 Secs (59 Secs) [==>]	[1]
	Comments: NUV acquisition exposure COS ETC result for S/N=30; F=0.15E-14 Count rate 15/sec									
	2	SDSSJ1244 16.60+5010 14.0_1 (COS.sp.192 8119)	(25) SDSSJ124416.6 0+501014.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			995 Secs (995 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=3, first half of orbit 1 total count rate 674/sec S/N ~10.4									
	3	SDSSJ1244 16.60+5010 14.0_2 (COS.sp.192 8119)	(25) SDSSJ124416.6 0+501014.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			996 Secs (996 Secs) [==>]	[1]
	Comments: Exposure with FP-POS=4, second half of orbit 1 total count rate 674/sec S/N ~10.4									
	4	SDSSJ1244 16.60+5010 14.0_3 (COS.sp.192 8119)	(25) SDSSJ124416.6 0+501014.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=3, first half of orbit 2 total count rate 674/sec S/N ~10.4									
	5	SDSSJ1244 16.60+5010 14.0_4 (COS.sp.192 8119)	(25) SDSSJ124416.6 0+501014.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[2]
	Comments: Exposure with FP-POS=4, second half of orbit 2 total count rate 674/sec S/N ~10.4									
	6	SDSSJ1244 16.60+5010 14.0_5 (COS.sp.192 8119)	(25) SDSSJ124416.6 0+501014.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=3; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=3, first half of orbit 3 total count rate 674/sec S/N ~10.4									
	7	SDSSJ1244 16.60+5010 14.0_6 (COS.sp.192 8119)	(25) SDSSJ124416.6 0+501014.0	COS/FUV, TIME-TAG, PSA	G130M 1291 A	FP-POS=4; BUFFER-TIME=35 00			1174 Secs (1174 Secs) [==>]	[3]
	Comments: Exposure with FP-POS=4, second half of orbit 3 total count rate 674/sec S/N ~10.4									



Proposal 17734 - SDSSJ124416.60+501014.0 (56) - A clean view of the CGM for well-characterized galaxies

Visit	Proposal 17734, SDSSJ124416.60+501014.0 (56), scheduling					Tue Mar 24 14:00:55 GMT 2026
	Diagnostic Status: Warning					
	Scientific Instruments: COS/FUV, COS/NUV					
	Special Requirements: SCHED 100%					
Comments: HOPR repeat of the first two orbit from visit 49.						
Diagnostics	(SDSSJ124416.60+501014.0 (56)) Warning (Form): If the target position is not known to 0.4" (or better), an ACQ/SEARCH should precede the ACQ/IMAGE.					
	(SDSSJ124416.60+501014.0 (56)) Warning (Orbit Planner): INEFFICIENT ORDERING OF FP-POS POSITIONS					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous
	(25)	SDSSJ124416.60+501014.0	RA: 12 44 16.6200 (191.0692500d) Dec: +50 10 14.90 (50.17081d) Equinox: J2000	Epoch of Position: 2000	V=18.90+/-0.1 F=0.15E-14@1250; z=0.230	Reference Frame: ICRS
	Comments:					
	Category=GALAXY Description=[QSO] Extended=NO					

Proposal 17734 - SDSSJ124416.60+501014.0 (56) - A clean view of the CGM for well-characterized galaxies

[illegible]

