



17822 - The frequency and bulk composition of terrestrial exoplanets across Galactic history

Cycle: 32, Proposal Category: GO

(UV Initiative)

(Availability Mode: SUPPORTED)

INVESTIGATORS

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VISITS

<i>Visit</i>	<i>Targets used in Visit</i>	<i>Configurations used in Visit</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
02	(2) GAIA-DR3-2310942857676734848	COS/FUV COS/NUV	1	23-Jun-2025 12:00:16.0	yes
03	(3) GAIA-DR3-1253805652121019264	COS/FUV COS/NUV	1	23-Jun-2025 12:00:16.0	yes

Proposal 17822 (STScI Edit Number: 1, Created: Monday, June 23, 2025, 11:00:31AM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
04	(4) GAIA-DR3-5049628376014475648	COS/FUV COS/NUV	1	23-Jun-2025 12:00:17.0	yes
05	(5) GAIA-DR3-1161215296909017728	COS/FUV COS/NUV	1	23-Jun-2025 12:00:17.0	yes
06	(6) GAIA-DR3-4970281363483524864	COS/FUV COS/NUV	1	23-Jun-2025 12:00:17.0	yes
07	(7) GAIA-DR3-3815204747363852032	COS/FUV COS/NUV	1	23-Jun-2025 12:00:18.0	yes
34	(7) GAIA-DR3-3815204747363852032	COS/FUV COS/NUV	1	23-Jun-2025 12:00:18.0	yes
08	(8) GAIA-DR3-1232053429473003008	COS/FUV COS/NUV	2	23-Jun-2025 12:00:18.0	yes
36	(8) GAIA-DR3-1232053429473003008	COS/FUV COS/NUV	1	23-Jun-2025 12:00:19.0	yes
09	(9) GAIA-DR3-4764189621230467584	COS/FUV COS/NUV	1	23-Jun-2025 12:00:19.0	yes
35	(9) GAIA-DR3-4764189621230467584	COS/FUV COS/NUV	1	23-Jun-2025 12:00:20.0	yes
10	(10) GAIA-DR3-2783291334982223872	COS/FUV COS/NUV	2	23-Jun-2025 12:00:20.0	yes
11	(11) GAIA-DR3-2319735617804258176	COS/FUV COS/NUV	2	23-Jun-2025 12:00:20.0	yes
12	(12) GAIA-DR3-1307478312230148864	COS/FUV COS/NUV	2	23-Jun-2025 12:00:21.0	yes
13	(13) GAIA-DR3-31484932074057600	COS/FUV COS/NUV	2	23-Jun-2025 12:00:21.0	yes
14	(14) GAIA-DR3-6677077521256040576	COS/FUV COS/NUV	2	23-Jun-2025 12:00:21.0	yes

Proposal 17822 (STScI Edit Number: 1, Created: Monday, June 23, 2025, 11:00:31AM Eastern Standard Time) - Overview

Visit	Targets used in Visit	Configurations used in Visit	Orbits Used	Last Orbit Planner Run	OP Current with Visit?
37	(14) GAIA-DR3-6677077521256040576	COS/FUV COS/NUV	1	23-Jun-2025 12:00:22.0	yes
15	(15) GAIA-DR3-6822591421263379200	COS/FUV COS/NUV	2	23-Jun-2025 12:00:22.0	yes
16	(16) GAIA-DR3-4376935406816933120	COS/FUV COS/NUV	2	23-Jun-2025 12:00:23.0	yes
17	(17) GAIA-DR3-1146814649524106752	COS/FUV COS/NUV	2	23-Jun-2025 12:00:23.0	yes
18	(18) GAIA-DR3-3875179838189024512	COS/FUV COS/NUV	3	23-Jun-2025 12:00:23.0	yes
19	(19) GAIA-DR3-5015458647000212608	COS/FUV COS/NUV	3	23-Jun-2025 12:00:24.0	yes
20	(19) GAIA-DR3-5015458647000212608	COS/FUV COS/NUV	3	23-Jun-2025 12:00:24.0	yes
21	(20) GAIA-DR3-6588305976083060736	COS/FUV COS/NUV	3	23-Jun-2025 12:00:25.0	yes
22	(21) GAIA-DR3-709064710767864064	COS/FUV COS/NUV	3	23-Jun-2025 12:00:25.0	yes
23	(22) GAIA-DR3-1048821294173738112	COS/FUV COS/NUV	3	23-Jun-2025 12:00:26.0	yes
24	(23) GAIA-DR3-1318362064300983040	COS/FUV COS/NUV	3	23-Jun-2025 12:00:27.0	yes
25	(24) GAIA-DR3-1062666683892138496	COS/FUV COS/NUV	3	23-Jun-2025 12:00:27.0	yes
26	(25) GAIA-DR3-5103559249557987200	COS/FUV COS/NUV	2	23-Jun-2025 12:00:27.0	yes
27	(25) GAIA-DR3-5103559249557987200	COS/FUV COS/NUV	2	23-Jun-2025 12:00:28.0	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>
28	(26) GAIA-DR3-1682129610835350400	COS/FUV COS/NUV	3	23-Jun-2025 12:00:28.0	yes
38	(26) GAIA-DR3-1682129610835350400	COS/FUV COS/NUV	1	23-Jun-2025 12:00:29.0	yes
29	(27) GAIA-DR3-1177138458662659456	COS/FUV COS/NUV	3	23-Jun-2025 12:00:29.0	yes
30	(27) GAIA-DR3-1177138458662659456	COS/FUV COS/NUV	2	23-Jun-2025 12:00:30.0	yes
31	(27) GAIA-DR3-1177138458662659456	COS/FUV COS/NUV	2	23-Jun-2025 12:00:30.0	yes
32	(28) GAIA-DR3-3956102730058839296	COS/FUV COS/NUV	2	23-Jun-2025 12:00:30.0	yes
33	(28) GAIA-DR3-3956102730058839296	COS/FUV COS/NUV	2	23-Jun-2025 12:00:31.0	yes
39	(9) GAIA-DR3-4764189621230467584	COS/FUV COS/NUV	1	23-Jun-2025 12:00:31.0	yes

73 Total Orbits Used

ABSTRACT

Chemically- and kinematically-distinct stellar populations, the thin disk, thick disk, and halo, record the assembly of the Milky Way. It is expected, but not confirmed, that their chemical variation affects planet formation and composition. It is challenging to investigate this using main sequence stars, as known exoplanets overwhelmingly reside in the thin disk, and measuring their occurrence rate and compositions is essentially impossible. Metal-polluted white dwarfs, by contrast, not only allow the sensitive detection of planetary systems, but also give access to their bulk compositions. We will obtain UV spectra of a kinematically-selected sample of thick disk and halo white dwarfs using COS. We will then measure (or place stringent limits on) the abundances of rock-forming elements polluting their photospheres. Combining these with a sample of well-characterised thin-disk white dwarfs from archival HST observations, we will be able to measure (1) the frequency of planet formation, and (2) exoplanet iron and water mass fractions, and determine whether these quantities vary across Galactic history, as is theorised.

OBSERVING DESCRIPTION

Technical Set-up: We propose to use the G130M grating in the FUV module with a central wavelength of 1291 Å. In accordance with the COS2025 policies, we will only use two FP-POS positions (3 and 4).

COS safety: Our targets are all sufficiently faint that COS safety is not a problem.

CVZ: A few of our targets are located in the continuous viewing zone, but we do not require continuous, uninterrupted observations. Using the visit planner tool, we find that all our targets are schedulable.

Reduced gyro observations: Our observations are not time critical, and can be scheduled any time, so reducing the possible observing windows will not affect this proposal. Using the visit planner tool, there are plenty of schedulable opportunities across the cycle for all targets. Target acquisition is required for all of our targets in order to successfully complete the proposed observations.

Scheduling: For targets which require >3 orbits, we have split the visits up to ensure maximum schedulability.

SNR: We require a SNR of >15 around 1330Å, close to important lines of carbon.

Visit	Proposal 17822, GAIA-DR3-23109428576734848 (02), completed										Mon Jun 23 16:00:31 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(2)	GAIA-DR3-23109428576734848	RA: 23 54 18.8088 (358.5783700d) Dec: -36 33 55.18 (-36.56533d) Equinox: J2000		Proper Motion RA: 26.551 mas/yr Proper Motion Dec: -672.162 mas/yr Epoch of Position: 2000		V=15.2 FUV=14.96		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-23109428576734848 (COS.ta.193 1913)	(2) GAIA-DR3-23109428576734848	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				10 Secs (10 Secs)		
									[==>]		[1]
	2	(COS.sp.193 1914)	(2) GAIA-DR3-23109428576734848	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=19 49; FP-POS=3			1086 Secs (1086 Secs)		
									[==>]		[1]
	3	(COS.sp.193 1914)	(2) GAIA-DR3-23109428576734848	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=19 49; FP-POS=4			1087 Secs (1087 Secs)		
									[==>]		[1]
Orbit Structure	Orbit 1 Server Version: 20250321 Unused Orbital Visibility = 0 GS Acq Exp. 1 Pointing Maneuver Exp. 2 Exp. 3 Occultation Home The diagram shows a timeline from 0 to 6000 seconds. Key events include: GS Acq at ~100s, Exp. 1 (blue diagonal stripes) from ~150s to ~450s, Pointing Maneuver (green box with double arrow) at ~500s, Exp. 2 (blue checkered) from ~550s to ~1850s, another Pointing Maneuver (green box with double arrow) at ~1900s, Exp. 3 (blue checkered) from ~1950s to ~3050s, Occultation (black box) at ~3050s, and Home (white box) from ~3150s to ~3450s. A long white bar extends from ~3450s to ~5700s.										

Proposal 17822 - GAIA-DR3-1253805652121019264 (03) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-1253805652121019264 (03), completed								Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/FUV, COS/NUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(3)	GAIA-DR3-1253805652121019264	RA: 14 15 43.1061 (213.9296087d) Dec: +22 56 45.04 (22.94584d) Equinox: J2000	Proper Motion RA: -248.469 mas/yr Proper Motion Dec: -8.373 mas/yr Epoch of Position: 2000	V=16.4 FUV=15.34	Reference Frame: ICRS				
	Comments: Category=STAR Description=[DA] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	GAIA-DR3-1253805652121019264 (COS.ta.193 1916)	(3) GAIA-DR3-1253 805652121019264	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				12 Secs (12 Secs) [==>]	[1]
	2	(COS.sp.193 1919)	(3) GAIA-DR3-1253 805652121019264	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=11 70; FP-POS=3			1065 Secs (1065 Secs) [==>]	[1]
	3	(COS.sp.193 1919)	(3) GAIA-DR3-1253 805652121019264	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=11 70; FP-POS=4			1065 Secs (1065 Secs) [==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20250321 GS Acq Exp. 1 Pointing Maneuver Exp. 2 Exp. 3 Occultation Home Unused Orbital Visibility = 0 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec									

Visit	Proposal 17822, GAIA-DR3-5049628376014475648 (04), scheduling										Mon Jun 23 16:00:32 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(4)	GAIA-DR3-5049628376014475648	RA: 02 54 37.1082 (43.6546175d) Dec: -34 49 54.21 (-34.83173d) Equinox: J2000		Proper Motion RA: 46.106 mas/yr Proper Motion Dec: -340.314 mas/yr Epoch of Position: 2000		V=15.8 FUV=15.54		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-5049628376014475648 (COS.ta.193 1925)	(4) GAIA-DR3-5049 628376014475648	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				12 Secs (12 Secs)		
									[==>]		[1]
	2	(COS.sp.193 1926)	(4) GAIA-DR3-5049 628376014475648	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=21 27; FP-POS=3			1087 Secs (1087 Secs)		
									[==>]		[1]
	3	(COS.sp.193 1926)	(4) GAIA-DR3-5049 628376014475648	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=21 27; FP-POS=4			1087 Secs (1087 Secs)		
								[==>]		[1]	
Orbit Structure	Orbit 1 Server Version: 20250321 GS Acq Exp. 1 Pointing Maneuver Exp. 2 Exp. 3 Occultation Home Unused Orbital Visibility = 0										

Proposal 17822 - GAIA-DR3-1161215296909017728 (05) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-1161215296909017728 (05), completed										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(5)	GAIA-DR3-1161215296909017728		RA: 14 50 49.3755 (222.7057313d) Dec: +07 33 33.87 (7.55941d) Equinox: J2000		Proper Motion RA: -813.415 mas/yr Proper Motion Dec: -447.915 mas/yr Epoch of Position: 2000		V=15.5 FUV=15.55		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-1161215296909017728 (COS.ta.193 1929)	(5) GAIA-DR3-1161215296909017728	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				12 Secs (12 Secs) [==>]		[1]
	2	(COS.sp.193 1930)	(5) GAIA-DR3-1161215296909017728	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=23 51; FP-POS=3			1075 Secs (1075 Secs) [==>]		[1]
	3	(COS.sp.193 1930)	(5) GAIA-DR3-1161215296909017728	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=23 51; FP-POS=4			1075 Secs (1075 Secs) [==>]		[1]
Orbit Structure	Orbit 1 Server Version: 20250321 GS Acq Exp. 1 Pointing Maneuver Exp. 2 Exp. 3 Occultation Home Unused Orbital Visibility = 0											

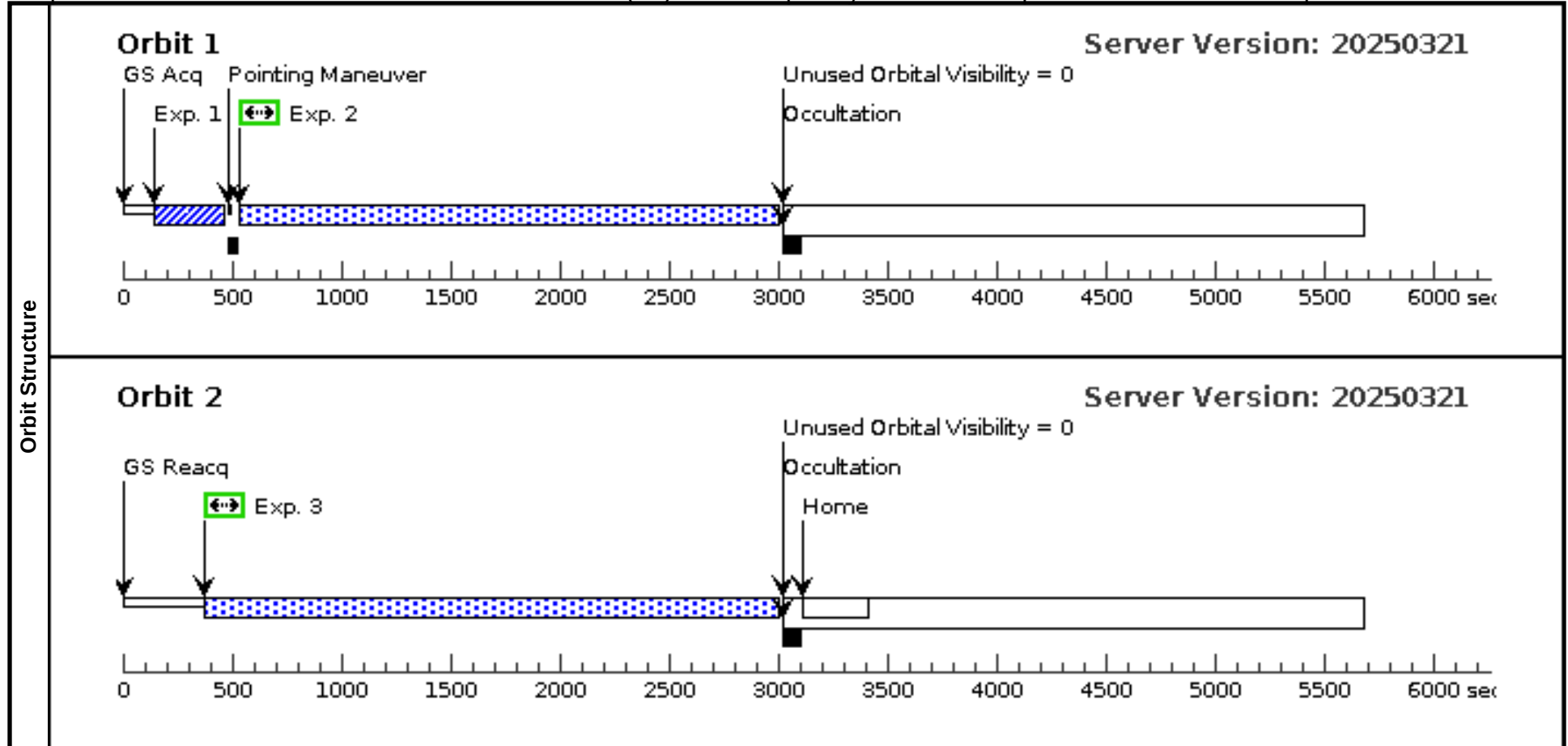
Visit	Proposal 17822, GAIA-DR3-4970281363483524864 (06), completed										Mon Jun 23 16:00:32 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(6)	GAIA-DR3-4970281363483524864	RA: 02 14 46.9163 (33.6954846d) Dec: -33 00 20.48 (-33.00569d) Equinox: J2000		Proper Motion RA: 47.434 mas/yr Proper Motion Dec: -164.031 mas/yr Epoch of Position: 2000		V=17.2 FUV=15.98		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-4970281363483524864 (COS.ta.193 1938)	(6) GAIA-DR3-4970281363483524864	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				12 Secs (12 Secs)		
									[==>]		[1]
	2	(COS.sp.193 1939)	(6) GAIA-DR3-4970281363483524864	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 73; FP-POS=3			1082 Secs (1082 Secs)		
									[==>]		[1]
	3	(COS.sp.193 1939)	(6) GAIA-DR3-4970281363483524864	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=17 73; FP-POS=4			1082 Secs (1082 Secs)		
									[==>]		[1]
Orbit Structure	Orbit 1 Server Version: 20250321 Unused Orbital Visibility = 0 GS Acq Exp. 1 Pointing Maneuver Exp. 2 Exp. 3 Occultation Home 050010001500200025003000350040004500500055006000 sec										

Visit	Proposal 17822, GAIA-DR3-3815204747363852032 (07), failed										Mon Jun 23 16:00:32 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(7)	GAIA-DR3-3815204747363852032	RA: 11 07 4.7664 (166.7698600d) Dec: +04 09 10.83 (4.15301d) Equinox: J2000		Proper Motion RA: 5.045 mas/yr Proper Motion Dec: -214.768 mas/yr Epoch of Position: 2000		V=17.1 FUV=16.18		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-3815204747363852032 (COS.ta.193 1947)	(7) GAIA-DR3-3815204747363852032	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				14 Secs (14 Secs)		
									[==>]		[1]
	2	(COS.sp.193 1949)	(7) GAIA-DR3-3815204747363852032	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=21 32; FP-POS=3			1071 Secs (1071 Secs)		
									[==>]		[1]
	3	(COS.sp.193 1949)	(7) GAIA-DR3-3815204747363852032	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=21 32; FP-POS=4			1070 Secs (1070 Secs)		
								[==>]		[1]	
Orbit Structure	Orbit 1 Server Version: 20250321										

Visit	Proposal 17822, GAIA-DR3-3815204747363852032 (34), scheduling								Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/FUV, COS/NUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(7)	GAIA-DR3-3815204747363852032	RA: 11 07 4.7664 (166.7698600d) Dec: +04 09 10.83 (4.15301d) Equinox: J2000	Proper Motion RA: 5.045 mas/yr Proper Motion Dec: -214.768 mas/yr Epoch of Position: 2000	V=17.1 FUV=16.18	Reference Frame: ICRS				
	Comments: Category=STAR Description=[DA] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	GAIA-DR3-3815204747363852032 (COS.ta.193 1947)	(7) GAIA-DR3-3815204747363852032	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				14 Secs (14 Secs)	
									[==>]	[1]
	2	(COS.sp.193 1949)	(7) GAIA-DR3-3815204747363852032	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=21 32; FP-POS=3			1071 Secs (1071 Secs)	
									[==>]	[1]
	3	(COS.sp.193 1949)	(7) GAIA-DR3-3815204747363852032	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=21 32; FP-POS=4			1070 Secs (1070 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20250321									

Proposal 17822 - GAIA-DR3-1232053429473003008 (08) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-1232053429473003008 (08), failed								Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/FUV, COS/NUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	GAIA-DR3-1232053429473003008	RA: 14 13 54.1688 (213.4757033d) Dec: +15 30 20.71 (15.50575d) Equinox: J2000	Proper Motion RA: -292.383 mas/yr Proper Motion Dec: -39.251 mas/yr Epoch of Position: 2000	V=16.3 FUV=16.31	Reference Frame: ICRS				
	Comments: Category=STAR Description=[DA] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	GAIA-DR3-1232053429473003008 (COS.ta.193 1953)	(8) GAIA-DR3-1232053429473003008	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				14 Secs (14 Secs)	
									[==>]	[1]
	2	(COS.sp.193 1954)	(8) GAIA-DR3-1232053429473003008	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=33 73; FP-POS=3			2302 Secs (2302 Secs)	
									[==>]	[1]
	3	(COS.sp.193 1954)	(8) GAIA-DR3-1232053429473003008	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=33 73; FP-POS=4			2579 Secs (2579 Secs)	
								[==>]	[2]	



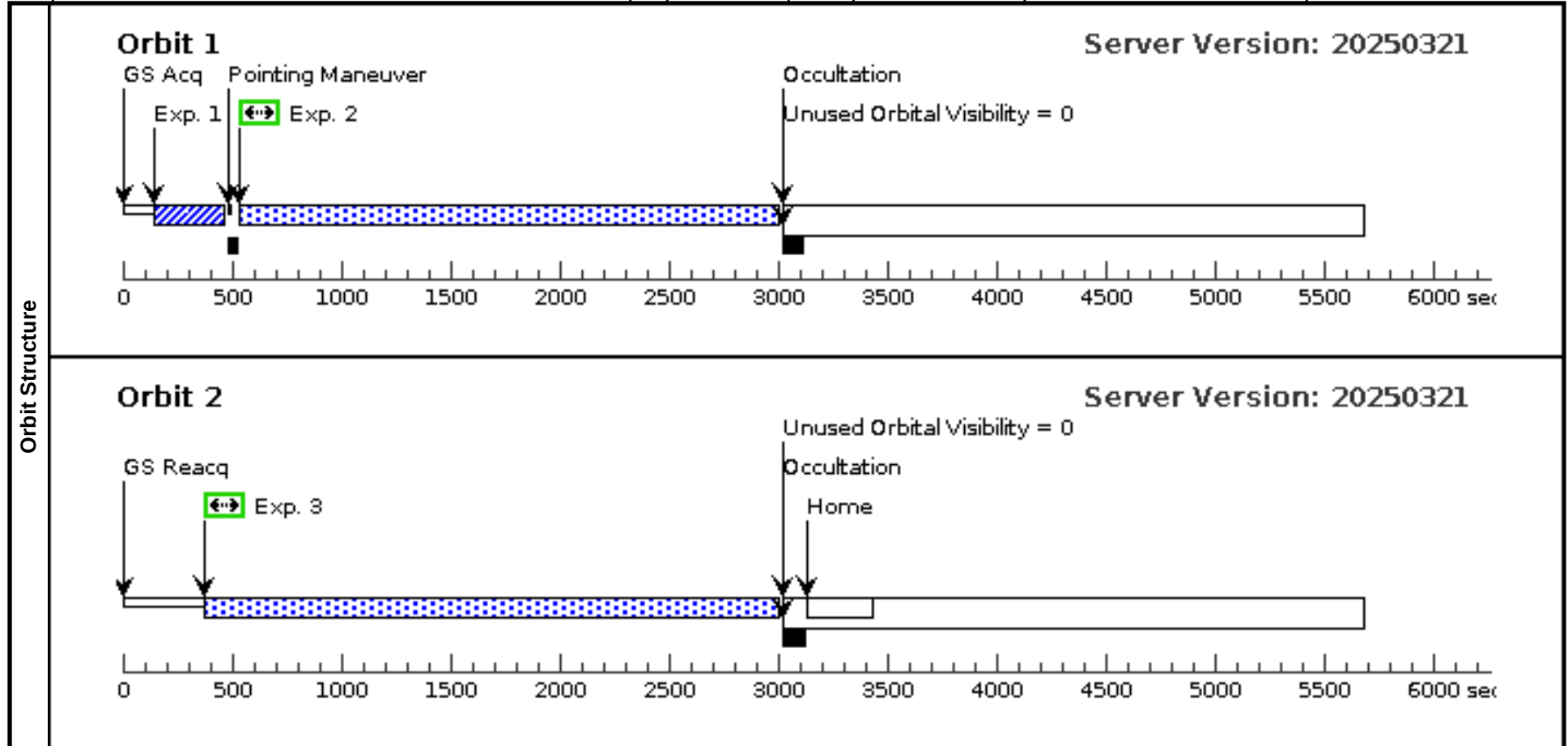
Visit	Proposal 17822, GAIA-DR3-1232053429473003008 (36), scheduling								Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/FUV, COS/NUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous				
	(8)	GAIA-DR3-1232053429473003008	RA: 14 13 54.1688 (213.4757033d) Dec: +15 30 20.71 (15.50575d) Equinox: J2000	Proper Motion RA: -292.383 mas/yr Proper Motion Dec: -39.251 mas/yr Epoch of Position: 2000	V=16.3 FUV=16.31	Reference Frame: ICRS				
	Comments: Category=STAR Description=[DA] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	GAIA-DR3-1232053429473003008 (COS.ta.193 1953)	(8) GAIA-DR3-1232053429473003008	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				14 Secs (14 Secs)	
									[==>]	[1]
	2	(COS.sp.193 1954)	(8) GAIA-DR3-1232053429473003008	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=33 73; FP-POS=3			1089 Secs (1089 Secs)	
									[==>]	[1]
	3	(COS.sp.193 1954)	(8) GAIA-DR3-1232053429473003008	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=33 73; FP-POS=4			1089 Secs (1089 Secs)	
									[==>]	[1]
Orbit Structure	Orbit 1 Server Version: 20250321 Unused Orbital Visibility = 0 GS Acq Exp. 1 Pointing Maneuver Exp. 2 Exp. 3 Occultation Home 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec									

Visit	Proposal 17822, GAIA-DR3-4764189621230467584 (09), failed										Mon Jun 23 16:00:32 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	GAIA-DR3-4764189621230467584	RA: 04 58 22.8548 (74.5952283d) Dec: -56 37 34.50 (-56.62625d) Equinox: J2000		Proper Motion RA: 143.596 mas/yr Proper Motion Dec: 66.486 mas/yr Epoch of Position: 2000		V=17.9 FUV=16.32		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-4764189621230467584 (COS.ta.193 1957)	(9) GAIA-DR3-4764189621230467584	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				18 Secs (18 Secs)		
									[==>]		[1]
	2	(COS.sp.193 1958)	(9) GAIA-DR3-4764189621230467584	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 43; FP-POS=3			1114 Secs (1114 Secs)		
									[==>]		[1]
	3	(COS.sp.193 1958)	(9) GAIA-DR3-4764189621230467584	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 43; FP-POS=4			1113 Secs (1113 Secs)		
									[==>]		[1]
Orbit Structure	Orbit 1 Server Version: 20250321 Unused Orbital Visibility = 0 GS Acq Exp. 1 Pointing Maneuver Exp. 2 Exp. 3 Occultation Home 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec										

Visit	Proposal 17822, GAIA-DR3-4764189621230467584-2 (35), failed										Mon Jun 23 16:00:32 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(9)	GAIA-DR3-4764189621230467584	RA: 04 58 22.8548 (74.5952283d) Dec: -56 37 34.50 (-56.62625d) Equinox: J2000		Proper Motion RA: 143.596 mas/yr Proper Motion Dec: 66.486 mas/yr Epoch of Position: 2000		V=17.9 FUV=16.32		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-4764189621230467584 (COS.ta.193 1957)	(9) GAIA-DR3-4764189621230467584	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				18 Secs (18 Secs)		
									[==>]		[1]
	2	(COS.sp.193 1958)	(9) GAIA-DR3-4764189621230467584	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 43; FP-POS=3			1114 Secs (1114 Secs)		
									[==>]		[1]
	3	(COS.sp.193 1958)	(9) GAIA-DR3-4764189621230467584	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=20 43; FP-POS=4			1113 Secs (1113 Secs)		
									[==>]		[1]
Orbit Structure	Orbit 1 Server Version: 20250321 Unused Orbital Visibility = 0 GS Acq Exp. 1 Pointing Maneuver Exp. 2 Exp. 3 Occultation Home 0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 sec										

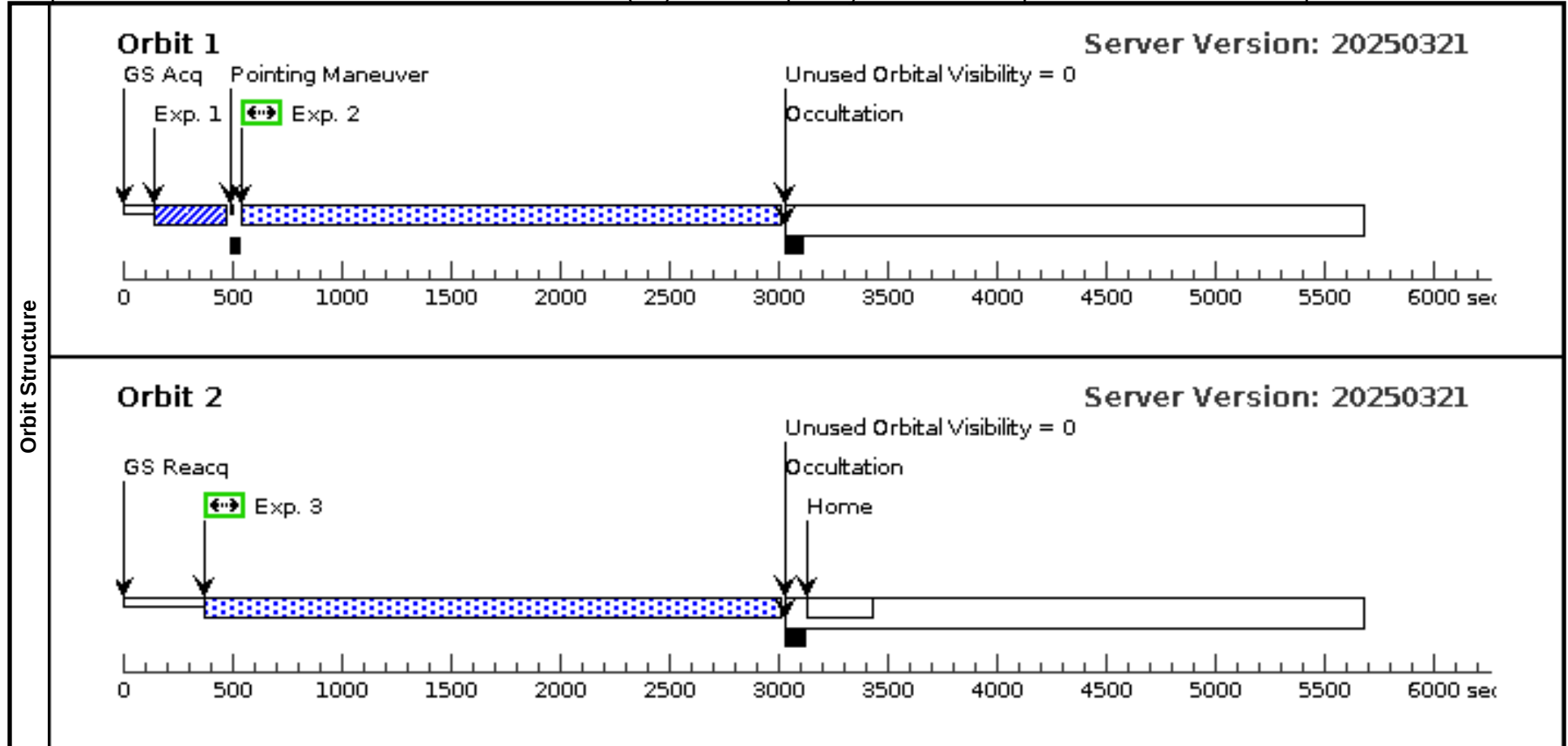
Proposal 17822 - GAIA-DR3-2783291334982223872 (10) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-2783291334982223872 (10), scheduling										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(10)	GAIA-DR3-2783291334982223872	RA: 01 08 48.1601 (17.2006671d) Dec: +15 15 19.93 (15.25554d) Equinox: J2000		Proper Motion RA: 316.196 mas/yr Proper Motion Dec: -439.443 mas/yr Epoch of Position: 2000		V=16.7 FUV=16.35		Reference Frame: ICRS			
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-2783291334982223872 (COS.ta.193 1961)	(10) GAIA-DR3-2783291334982223872	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				15 Secs (15 Secs)			
									[==>]	[1]		
	2	(COS.sp.193 1965)	(10) GAIA-DR3-2783291334982223872	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=28 65; FP-POS=3			2300 Secs (2300 Secs)			
									[==>]	[1]		
	3	(COS.sp.193 1965)	(10) GAIA-DR3-2783291334982223872	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=28 65; FP-POS=4			2579 Secs (2579 Secs)			
								[==>]	[2]			



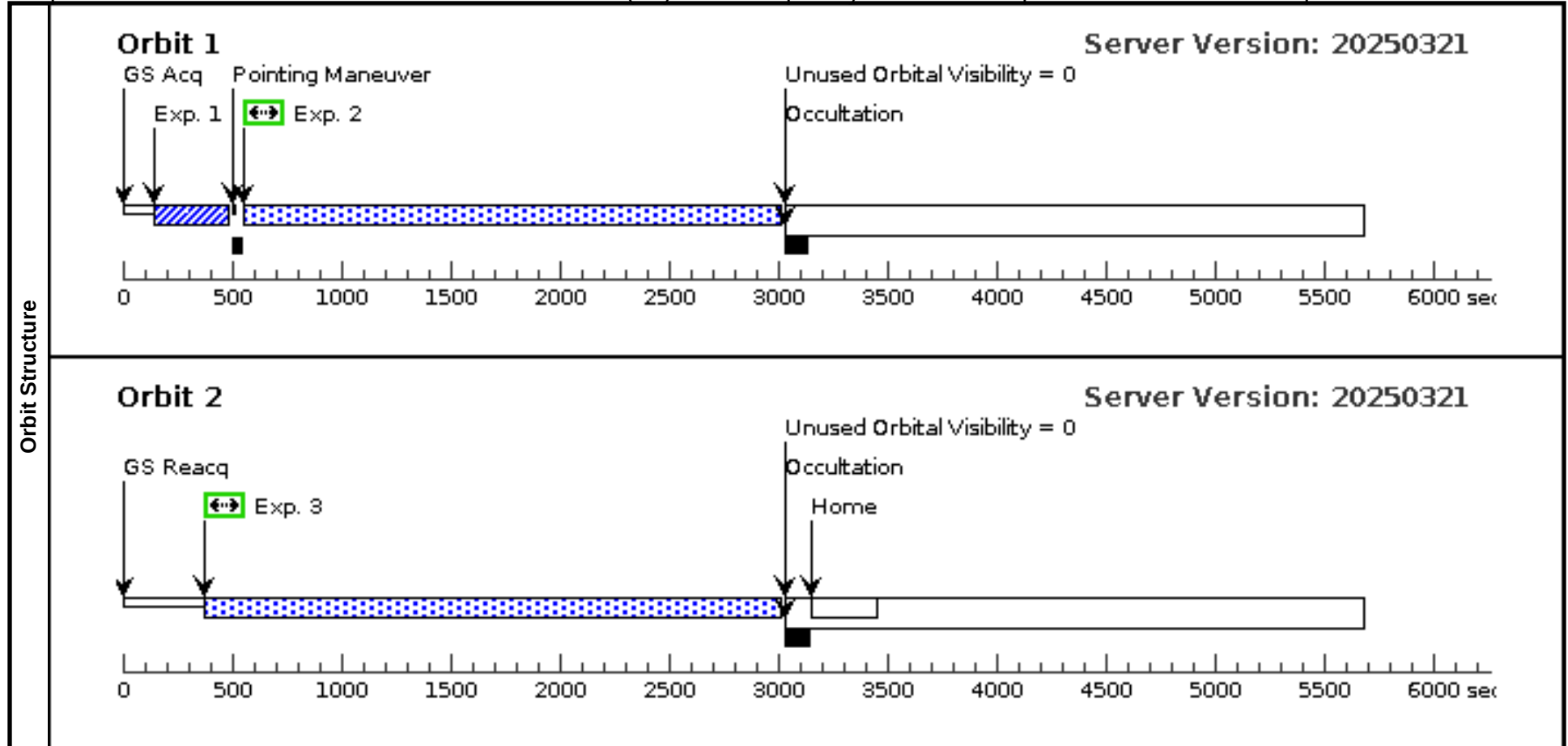
Proposal 17822 - GAIA-DR3-2319735617804258176 (11) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-2319735617804258176 (11), completed										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(11)	GAIA-DR3-2319735617804258176	RA: 00 07 7.5326 (1.7813858d) Dec: -31 13 35.43 (-31.22651d) Equinox: J2000		Proper Motion RA: 352.042 mas/yr Proper Motion Dec: -127.401 mas/yr Epoch of Position: 2000		V=16.9 FUV=16.58		Reference Frame: ICRS			
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-2319735617804258176 (COS.ta.193 2065)	(11) GAIA-DR3-2319735617804258176	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				20 Secs (20 Secs)			
									[==>]		[1]	
	2	(COS.sp.193 2066)	(11) GAIA-DR3-2319735617804258176	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=29 66; FP-POS=3			2301 Secs (2301 Secs)			
									[==>]		[1]	
	3	(COS.sp.193 2066)	(11) GAIA-DR3-2319735617804258176	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=29 66; FP-POS=4			2590 Secs (2590 Secs)			
								[==>]		[2]		



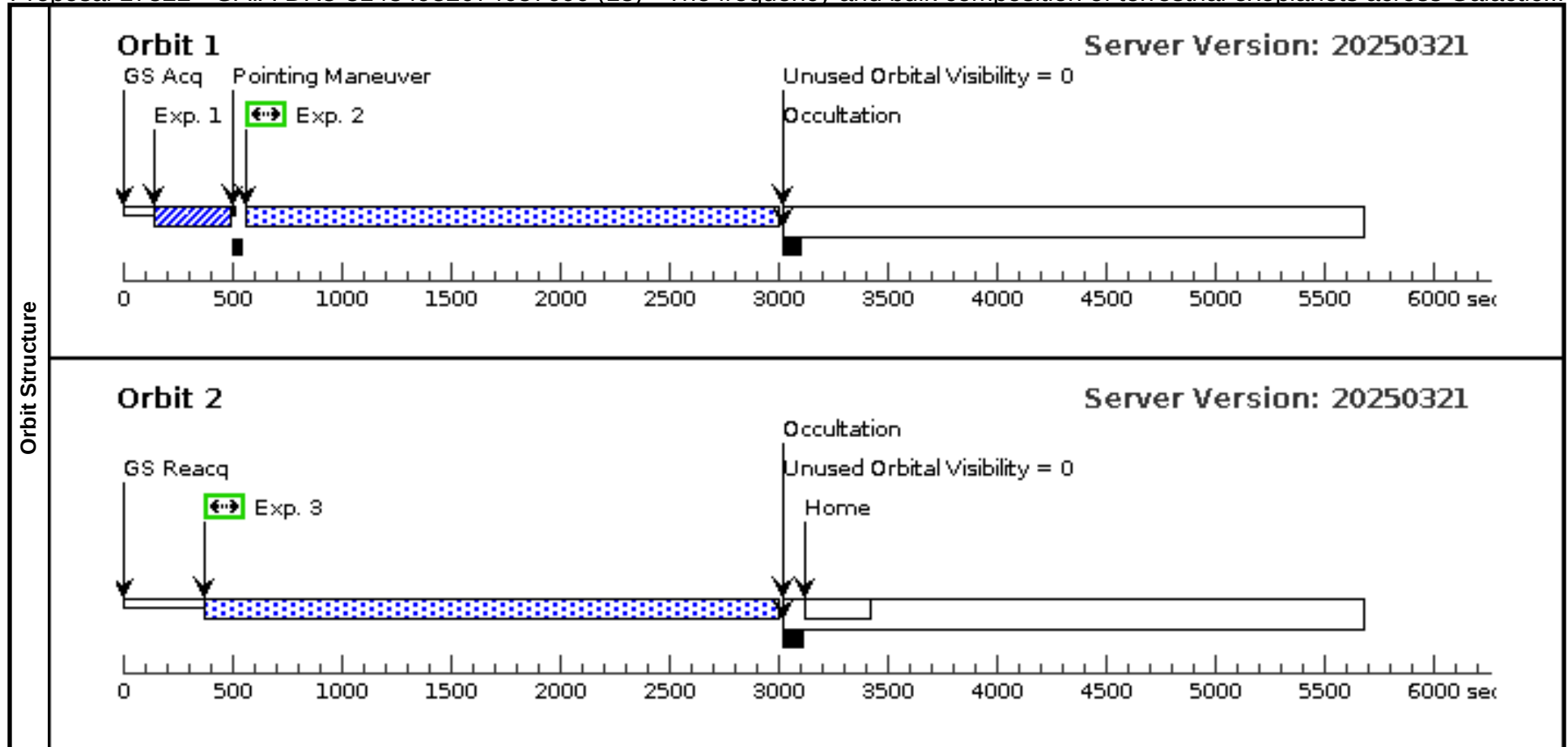
Proposal 17822 - GAIA-DR3-1307478312230148864 (12) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-1307478312230148864 (12), completed										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Fluxes		Miscellaneous	
	(12)	GAIA-DR3-1307478312230148864	RA: 16 44 13.7825 (251.0574271d) Dec: +27 01 23.52 (27.02320d) Equinox: J2000			Proper Motion RA: -151.042 mas/yr Proper Motion Dec: -223.438 mas/yr Epoch of Position: 2000			V=17.6 FUV=16.68		Reference Frame: ICRS	
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-1307478312230148864 (COS.ta.193 2072)	(12) GAIA-DR3-1307478312230148864	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				24 Secs (24 Secs) [==>]		[1]
	2	(COS.sp.193 2073)	(12) GAIA-DR3-1307478312230148864	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=25 12; FP-POS=3			2291 Secs (2291 Secs) [==>]		[1]
	3	(COS.sp.193 2073)	(12) GAIA-DR3-1307478312230148864	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=25 12; FP-POS=4			2588 Secs (2588 Secs) [==>]		[2]



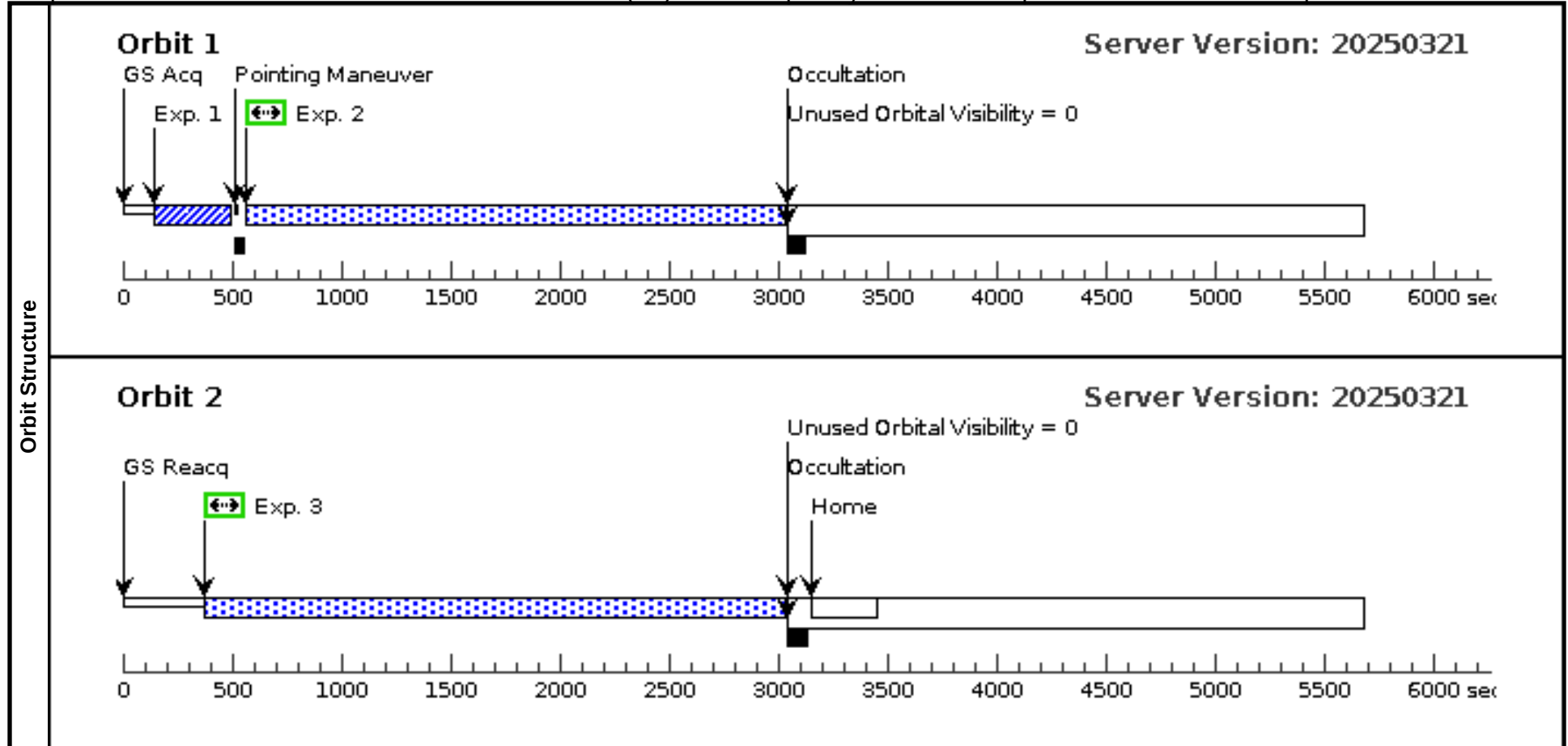
Proposal 17822 - GAIA-DR3-31484932074057600 (13) - The frequency and bulk composition of terrestrial exoplanets across Galactic...

Visit	Proposal 17822, GAIA-DR3-31484932074057600 (13), scheduling										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(13)	GAIA-DR3-31484932074057600	RA: 03 10 0.5558 (47.5023158d)		Proper Motion RA: 219.686 mas/yr		V=17.5		Reference Frame: ICRS			
			Dec: +16 30 20.74 (16.50576d)		Proper Motion Dec: -177.372 mas/yr		FUV=16.90					
			Equinox: J2000		Epoch of Position: 2000							
Comments: Category=STAR Description=[DA] Extended=NO												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-31484932074057600 (COS.ta.193 2076)	(13) GAIA-DR3-31484932074057600	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				28 Secs (28 Secs)			
									[==>]		[1]	
	2	(COS.sp.193 2077)	(13) GAIA-DR3-31484932074057600	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=29 75; FP-POS=3			2274 Secs (2274 Secs)			
									[==>]		[1]	
	3	(COS.sp.193 2077)	(13) GAIA-DR3-31484932074057600	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=29 75; FP-POS=4			2579 Secs (2579 Secs)			
[==>]									[2]			



Proposal 17822 - GAIA-DR3-6677077521256040576 (14) - The frequency and bulk composition of terrestrial exoplanets across Galac...

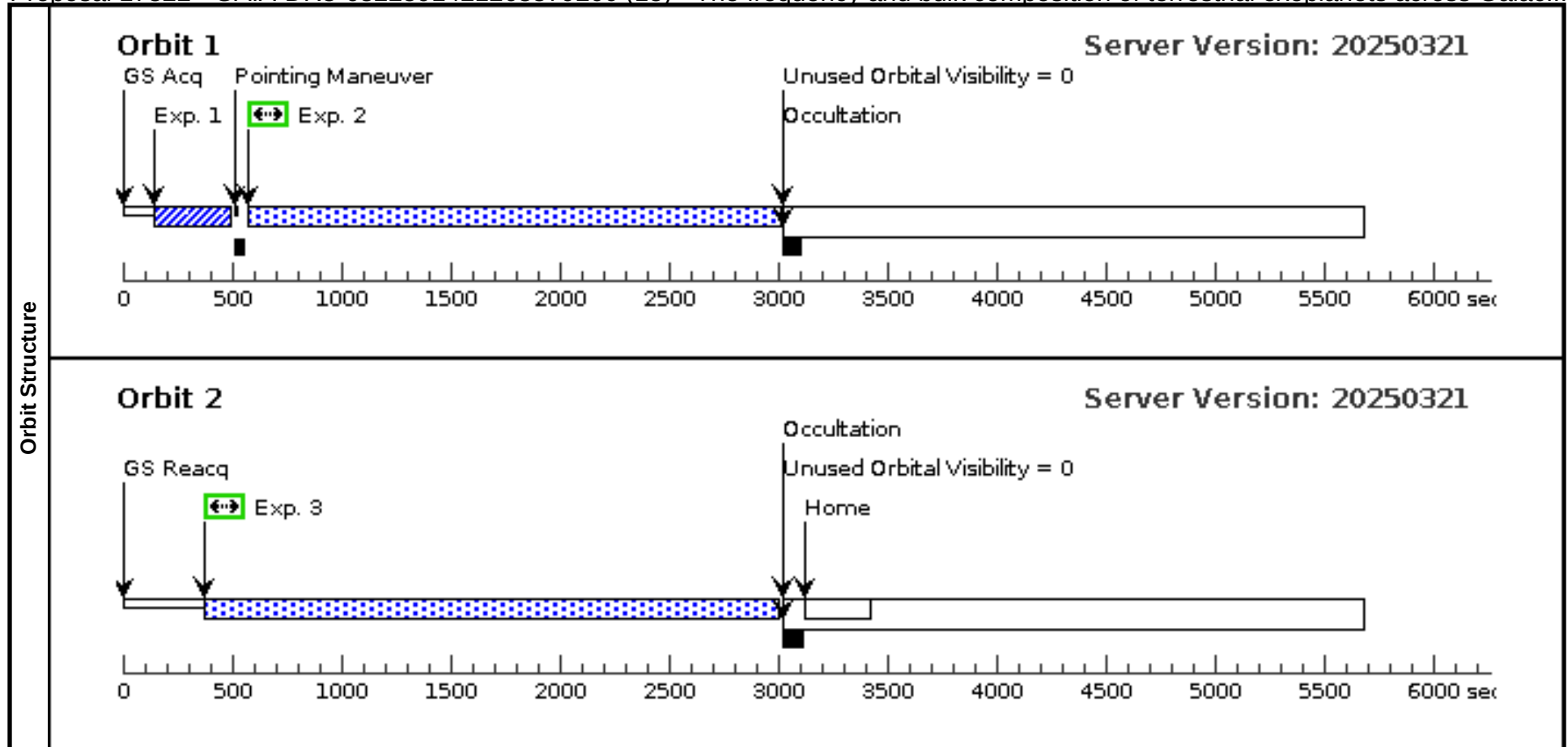
Visit	Proposal 17822, GAIA-DR3-6677077521256040576 (14), failed										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous						
	(14)	GAIA-DR3-6677077521256040576	RA: 20 50 18.0108 (312.5750450d) Dec: -42 19 6.14 (-42.31837d) Equinox: J2000	Proper Motion RA: 55.942 mas/yr Proper Motion Dec: -63.535 mas/yr Epoch of Position: 2000	V=17.8 FUV=16.96	Reference Frame: ICRS						
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-6677077521256040576 (COS.ta.193 2078)	(14) GAIA-DR3-6677077521256040576	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs)			
									[==>]		[1]	
	2	(COS.sp.193 2079)	(14) GAIA-DR3-6677077521256040576	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=30 44; FP-POS=3			2298 Secs (2298 Secs)			
									[==>]		[1]	
	3	(COS.sp.193 2079)	(14) GAIA-DR3-6677077521256040576	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=30 44; FP-POS=4			2605 Secs (2605 Secs)			
								[==>]		[2]		



Visit	Proposal 17822, GAIA-DR3-6677077521256040576 (37), completed										Mon Jun 23 16:00:32 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(14)	GAIA-DR3-6677077521256040576	RA: 20 50 18.0108 (312.5750450d) Dec: -42 19 6.14 (-42.31837d) Equinox: J2000		Proper Motion RA: 55.942 mas/yr Proper Motion Dec: -63.535 mas/yr Epoch of Position: 2000		V=17.8 FUV=16.96		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-6677077521256040576 (COS.ta.193 2078)	(14) GAIA-DR3-6677077521256040576	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				29 Secs (29 Secs)		
									[==>]		[1]
	2	(COS.sp.193 2079)	(14) GAIA-DR3-6677077521256040576	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=30 44; FP-POS=3			1082 Secs (1082 Secs)		
									[==>]		[1]
	3	(COS.sp.193 2079)	(14) GAIA-DR3-6677077521256040576	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=30 44; FP-POS=4			1082 Secs (1082 Secs)		
									[==>]		[1]
Orbit Structure	Orbit 1 Server Version: 20250321										

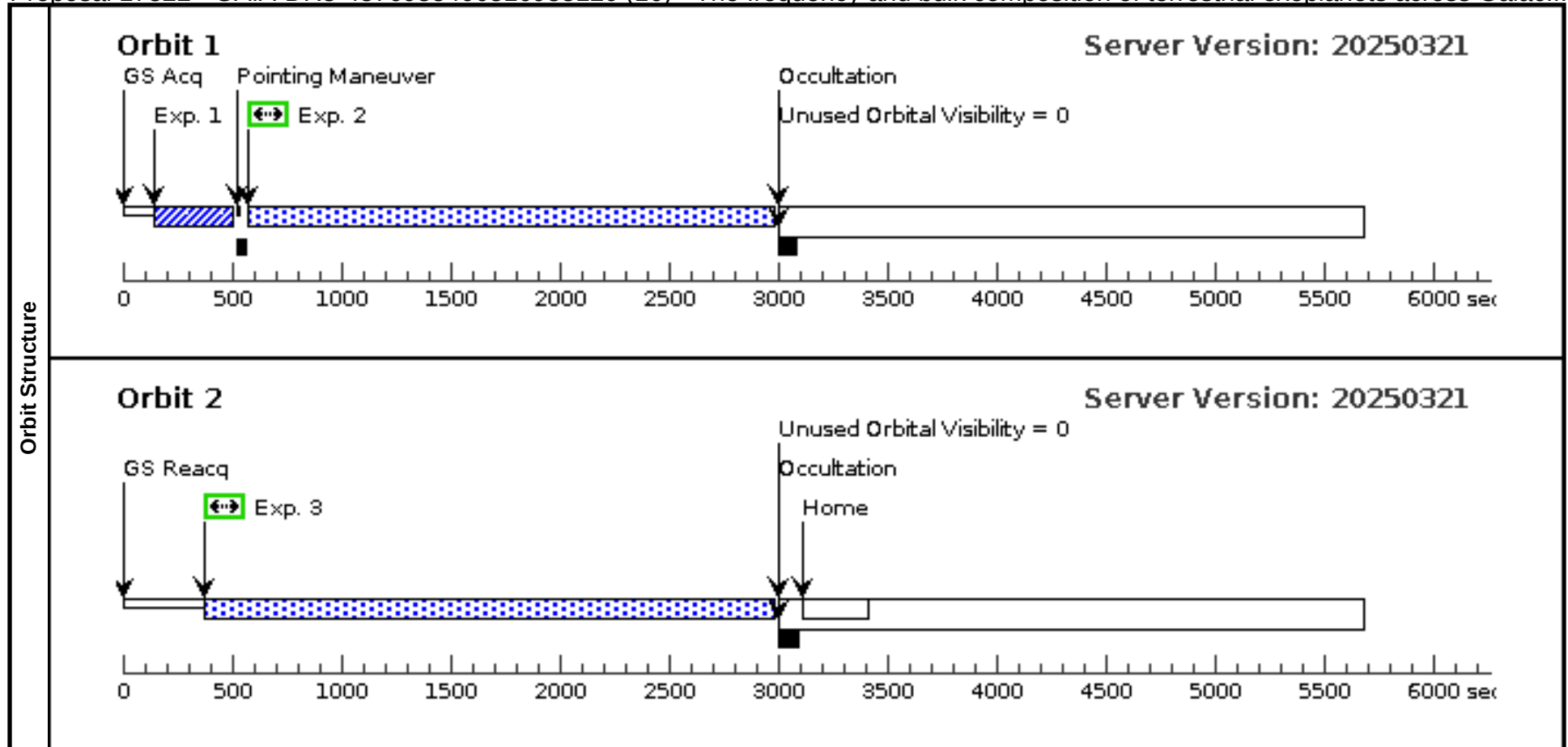
Proposal 17822 - GAIA-DR3-6822591421263379200 (15) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-6822591421263379200 (15), completed										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(15)	GAIA-DR3-6822591421263379200	RA: 22 22 21.3632 (335.5890133d) Dec: -18 08 57.01 (-18.14917d) Equinox: J2000		Proper Motion RA: 65.630 mas/yr Proper Motion Dec: -49.206 mas/yr Epoch of Position: 2000		V=18.1 FUV=17.02		Reference Frame: ICRS			
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-6822591421263379200 (COS.ta.193 2084)	(15) GAIA-DR3-6822591421263379200	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				32 Secs (32 Secs)			
									[==>]		[1]	
	2	(COS.sp.193 2085)	(15) GAIA-DR3-6822591421263379200	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=30 38; FP-POS=3			2266 Secs (2266 Secs)			
									[==>]		[1]	
	3	(COS.sp.193 2085)	(15) GAIA-DR3-6822591421263379200	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=30 38; FP-POS=4			2579 Secs (2579 Secs)			
								[==>]		[2]		



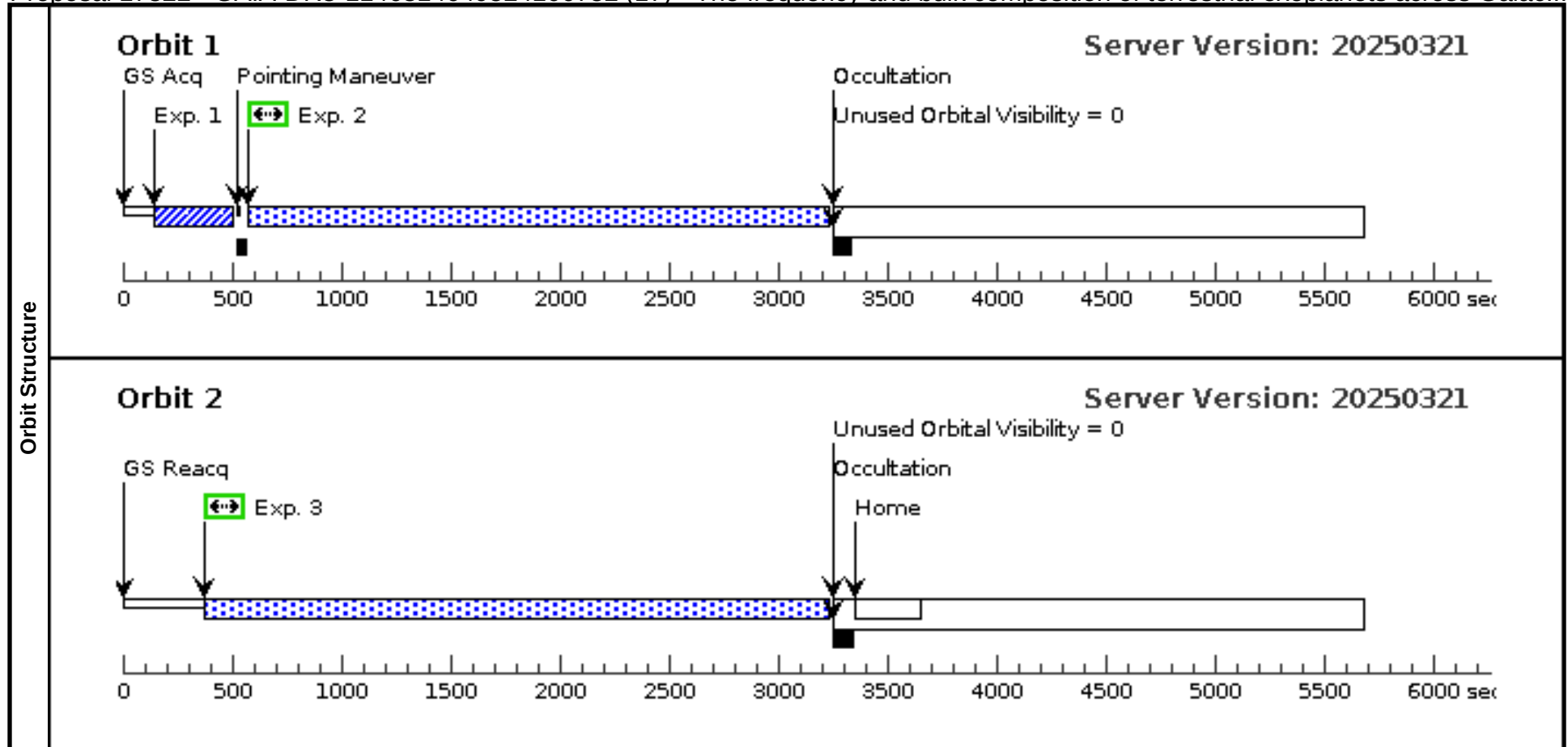
Proposal 17822 - GAIA-DR3-4376935406816933120 (16) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-4376935406816933120 (16), completed										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(16)	GAIA-DR3-4376935406816933120	RA: 17 31 49.6043 (262.9566846d) Dec: +03 31 26.31 (3.52398d) Equinox: J2000		Proper Motion RA: -130.659 mas/yr Proper Motion Dec: -190.750 mas/yr Epoch of Position: 2000		V=17.9 FUV=17.1		Reference Frame: ICRS			
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-4376935406816933120 (COS.ta.193 2087)	(16) GAIA-DR3-4376935406816933120	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				35 Secs (35 Secs) [==>]		[1]	
	2	(COS.sp.193 2089)	(16) GAIA-DR3-4376935406816933120	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=30 05; FP-POS=3			2242 Secs (2242 Secs) [==>]		[1]	
	3	(COS.sp.193 2089)	(16) GAIA-DR3-4376935406816933120	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=30 05; FP-POS=4			2561 Secs (2561 Secs) [==>]		[2]	



Proposal 17822 - GAIA-DR3-1146814649524106752 (17) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-1146814649524106752 (17), completed										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Fluxes	Miscellaneous						
	(17)	GAIA-DR3-1146814649524106752	RA: 10 52 40.6071 (163.1691962d) Dec: +83 27 54.15 (83.46504d) Equinox: J2000	Proper Motion RA: 72.999 mas/yr Proper Motion Dec: -105.980 mas/yr Epoch of Position: 2000	V=17.9 FUV=17.15	Reference Frame: ICRS						
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-1146814649524106752 (COS.ta.193 2091)	(17) GAIA-DR3-1146814649524106752	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				35 Secs (35 Secs)			
									[==>]		[1]	
	2	(COS.sp.193 2092)	(17) GAIA-DR3-1146814649524106752	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=32 57; FP-POS=3			2488 Secs (2488 Secs)			
									[==>]		[1]	
	3	(COS.sp.193 2092)	(17) GAIA-DR3-1146814649524106752	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=32 57; FP-POS=4			2807 Secs (2807 Secs)			
								[==>]		[2]		

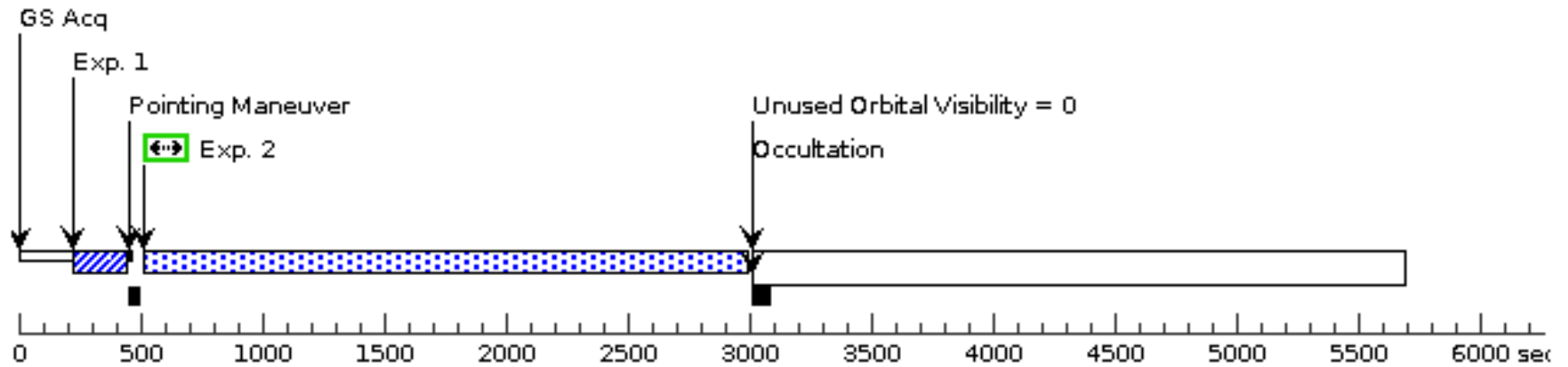


Proposal 17822 - GAIA-DR3-3875179838189024512 (18) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-3875179838189024512 (18), scheduling										Mon Jun 23 16:00:32 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(18)	GAIA-DR3-3875179838189024512	RA: 10 04 44.3398 (151.1847492d) Dec: +08 37 47.87 (8.62996d) Equinox: J2000		Proper Motion RA: -175.043 mas/yr Proper Motion Dec: -58.134 mas/yr Epoch of Position: 2000		V=18.25 FUV=17.57		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-3875179838189024512 (COS.ta.193 2101)	(18) GAIA-DR3-3875179838189024512	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				3 Secs (3 Secs) [==>]		[1]
	2	(COS.sp.193 2102)	(18) GAIA-DR3-3875179838189024512	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 94; FP-POS=3			2311 Secs (2311 Secs) [==>]		[1]
	3	(COS.sp.193 2102)	(18) GAIA-DR3-3875179838189024512	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 94; FP-POS=3			1221 Secs (1221 Secs) [==>]		[2]
	4	(COS.sp.193 2102)	(18) GAIA-DR3-3875179838189024512	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 94; FP-POS=4			1221 Secs (1221 Secs) [==>]		[2]
	5	(COS.sp.193 2102)	(18) GAIA-DR3-3875179838189024512	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 94; FP-POS=4			2566 Secs (2566 Secs) [==>]		[3]

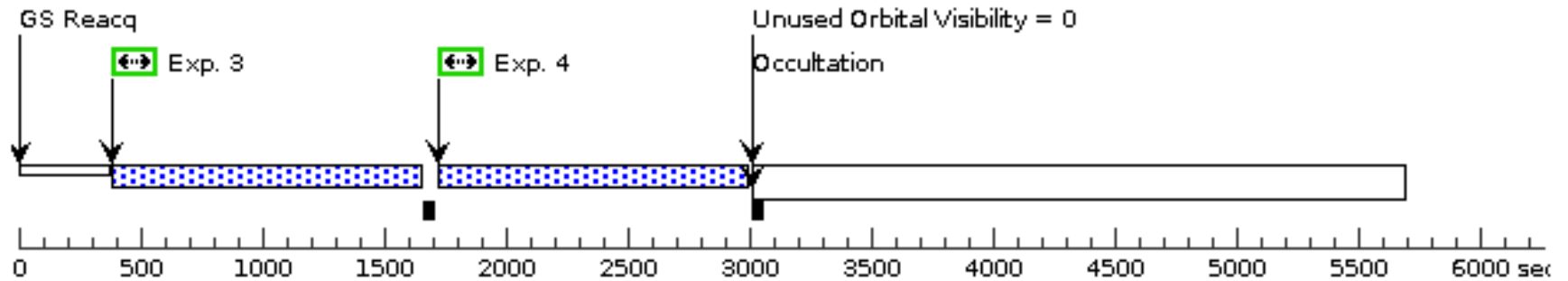
Orbit 1

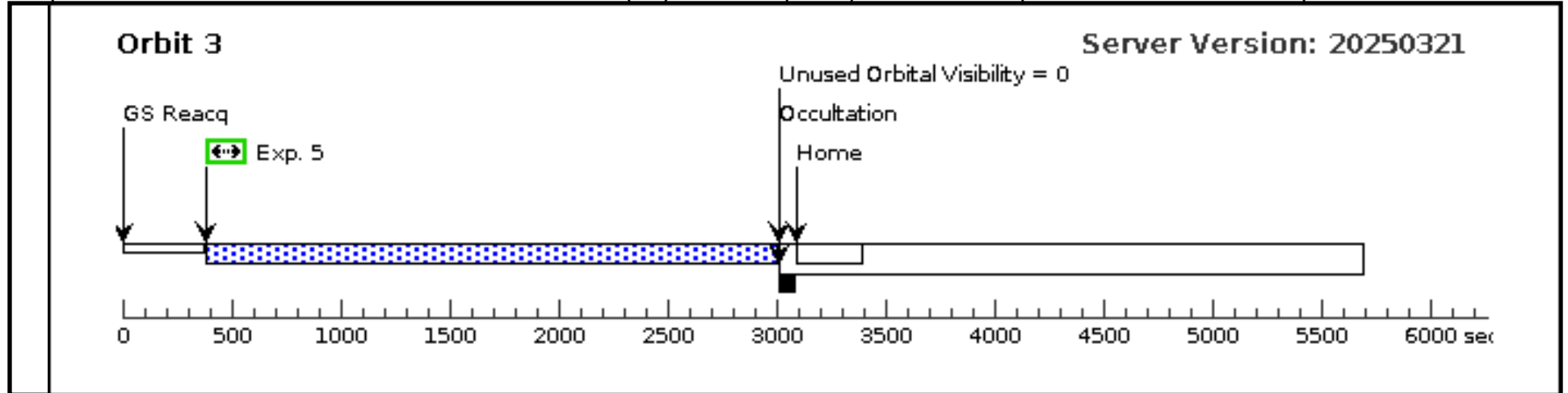
Server Version: 20250321



Orbit 2

Server Version: 20250321



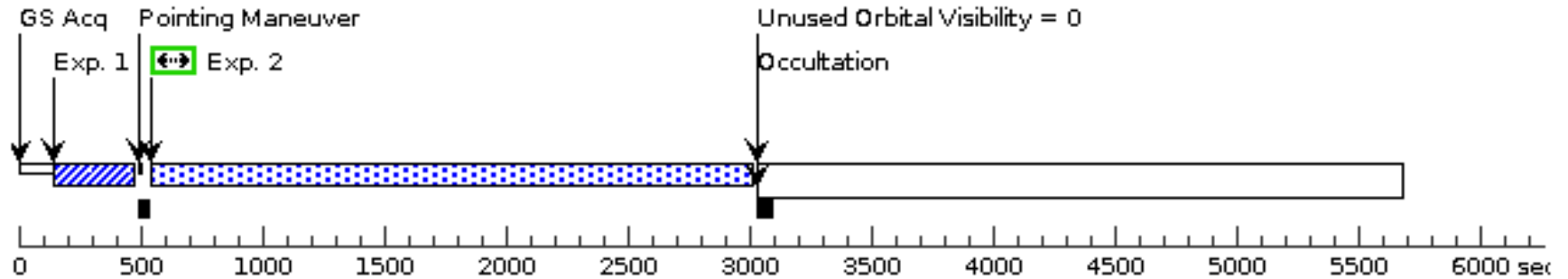


Proposal 17822 - GAIA-DR3-5015458647000212608-1 (19) - The frequency and bulk composition of terrestrial exoplanets across Gal...

Visit	Proposal 17822, GAIA-DR3-5015458647000212608-1 (19), scheduling										Mon Jun 23 16:00:32 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: (none)										
	Comments: Visit 1 for GAIA-DR3-5015458647000212608										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(19)	GAIA-DR3-5015458647000212608	RA: 01 35 3.6062 (23.7650258d) Dec: -32 59 50.04 (-32.99723d) Equinox: J2000		Proper Motion RA: -9.955 mas/yr Proper Motion Dec: -264.277 mas/yr Epoch of Position: 2000		V=17.4 FUV=17.57		Reference Frame: ICRS		
	Comments:										
	Category=STAR										
	Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-5015458647000212608 (COS.ta.194 5111)	(19) GAIA-DR3-5015458647000212608	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				20 Secs (20 Secs) [==>]		[1]
	2	(COS.sp.193 2105)	(19) GAIA-DR3-5015458647000212608	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=45 87; FP-POS=3			2301 Secs (2301 Secs) [==>]		[1]
	3	(COS.sp.193 2105)	(19) GAIA-DR3-5015458647000212608	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=45 87; FP-POS=3			1233 Secs (1233 Secs) [==>]		[2]
	4	(COS.sp.193 2105)	(19) GAIA-DR3-5015458647000212608	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=45 87; FP-POS=4			1233 Secs (1233 Secs) [==>]		[2]
	5	(COS.sp.193 2105)	(19) GAIA-DR3-5015458647000212608	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=45 87; FP-POS=4			2590 Secs (2590 Secs) [==>]		[3]

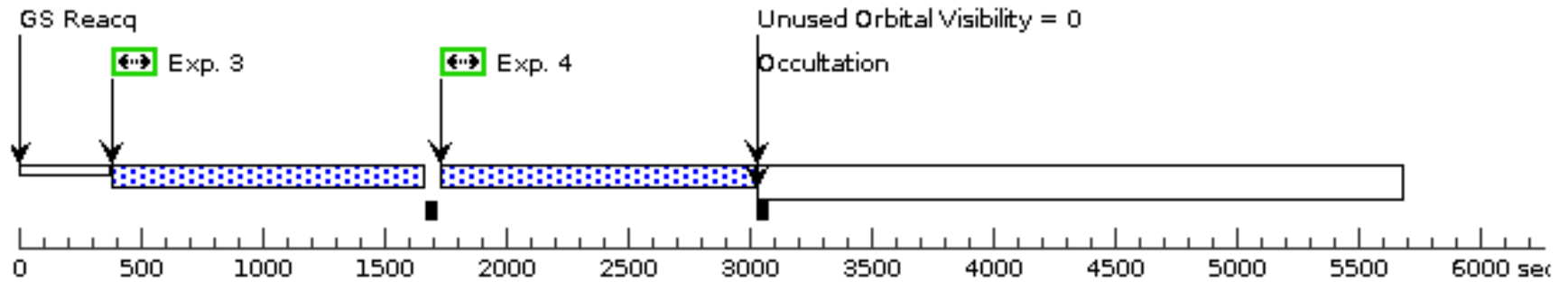
Orbit 1

Server Version: 20250321



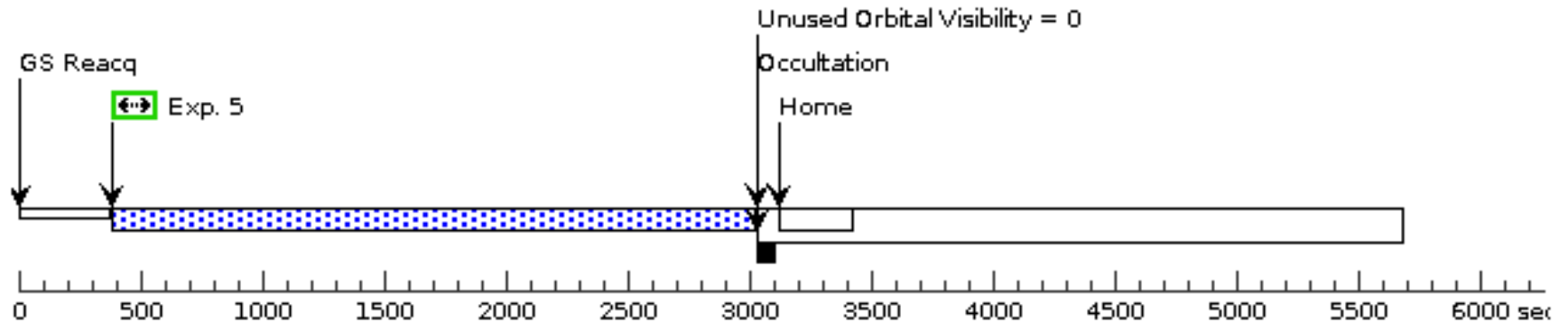
Orbit 2

Server Version: 20250321



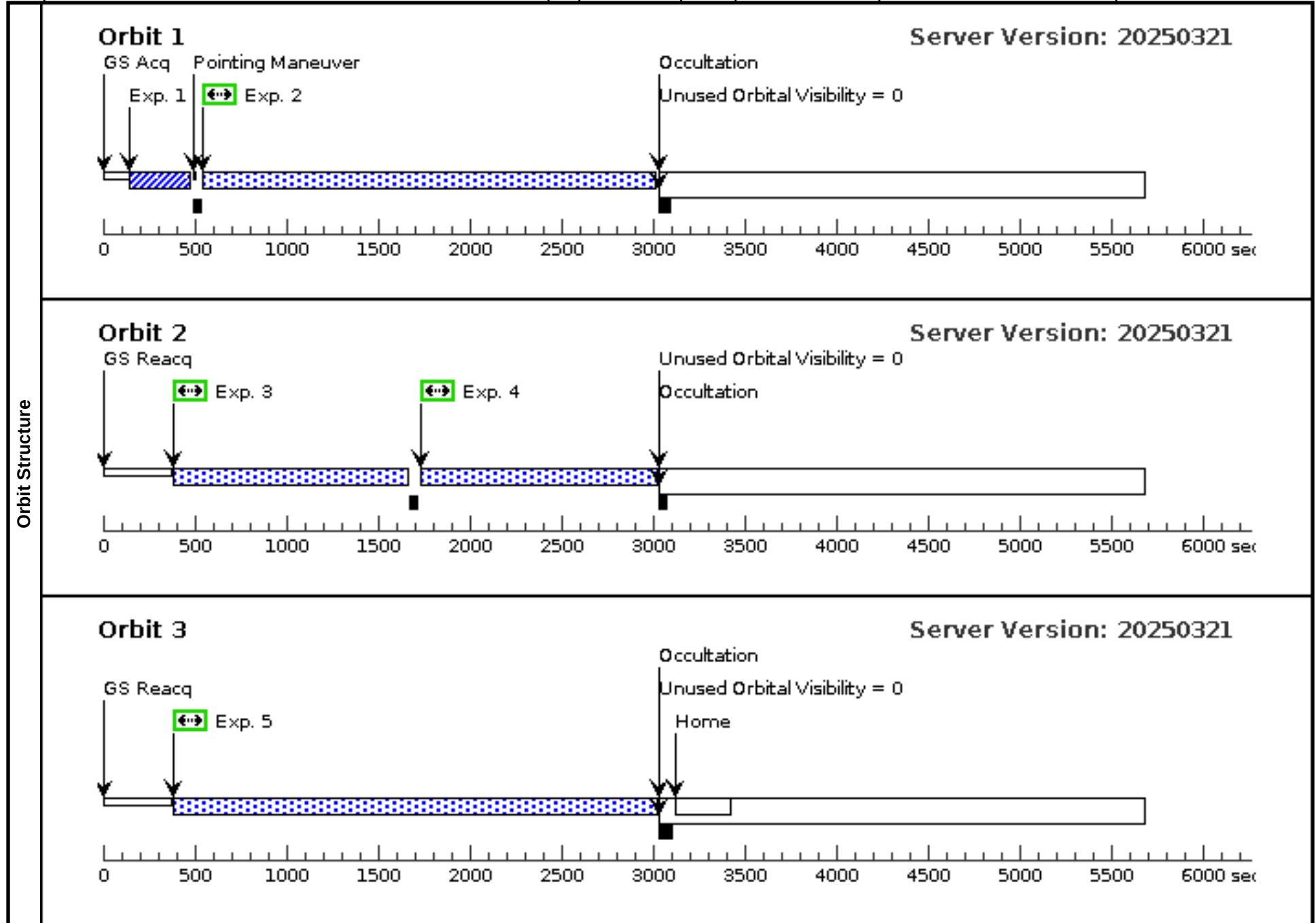
Orbit 3

Server Version: 20250321



Proposal 17822 - GAIA-DR3-5015458647000212608-2 (20) - The frequency and bulk composition of terrestrial exoplanets across Gal...

Visit	Proposal 17822, GAIA-DR3-5015458647000212608-2 (20), scheduling										Mon Jun 23 16:00:32 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: (none)										
	Comments: Visit 2 for GAIA-DR3-5015458647000212608										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(19)	GAIA-DR3-5015458647000212608	RA: 01 35 3.6062 (23.7650258d) Dec: -32 59 50.04 (-32.99723d) Equinox: J2000		Proper Motion RA: -9.955 mas/yr Proper Motion Dec: -264.277 mas/yr Epoch of Position: 2000		V=17.4 FUV=17.57		Reference Frame: ICRS		
	Comments:										
	Category=STAR										
	Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-5015458647000212608 (COS.ta.194 5111)	(19) GAIA-DR3-5015458647000212608	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				20 Secs (20 Secs) [==>]		[1]
	2	(COS.sp.193 2105)	(19) GAIA-DR3-5015458647000212608	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=45 87; FP-POS=3			2301 Secs (2301 Secs) [==>]		[1]
	3	(COS.sp.193 2105)	(19) GAIA-DR3-5015458647000212608	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=45 87; FP-POS=3			1233 Secs (1233 Secs) [==>]		[2]
	4	(COS.sp.193 2105)	(19) GAIA-DR3-5015458647000212608	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=45 87; FP-POS=4			1233 Secs (1233 Secs) [==>]		[2]
	5	(COS.sp.193 2105)	(19) GAIA-DR3-5015458647000212608	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=45 87; FP-POS=4			2590 Secs (2590 Secs) [==>]		[3]

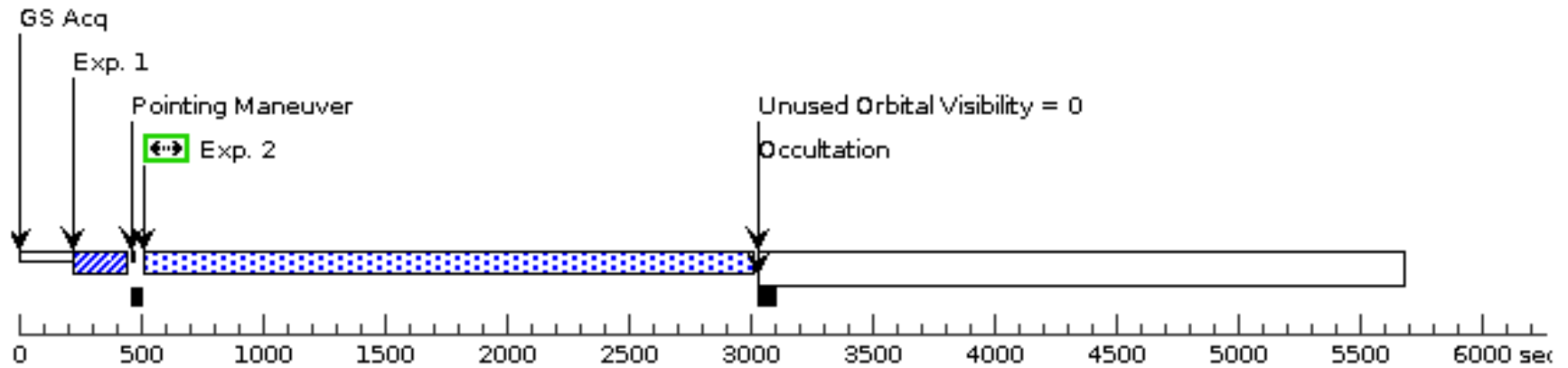


Proposal 17822 - GAIA-DR3-6588305976083060736 (21) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-6588305976083060736 (21), completed										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(20)	GAIA-DR3-6588305976083060736		RA: 21 54 19.8820 (328.5828417d) Dec: -34 45 37.72 (-34.76048d) Equinox: J2000		Proper Motion RA: -62.116 mas/yr Proper Motion Dec: -62.603 mas/yr Epoch of Position: 2000		V=18.55 FUV=17.57		Reference Frame: ICRS		
	Comments:											
	Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-6588305976083060736 (COS.ta.193 2106)	(20) GAIA-DR3-6588305976083060736	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				4 Secs (4 Secs)		
										[==>]	[1]	
	2	(COS.sp.193 2110)	(20) GAIA-DR3-6588305976083060736	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=35 18; FP-POS=3			2333 Secs (2333 Secs)		
										[==>]	[1]	
	3	(COS.sp.193 2110)	(20) GAIA-DR3-6588305976083060736	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=35 18; FP-POS=3			1228 Secs (1228 Secs)		
										[==>]	[2]	
	4	(COS.sp.193 2110)	(20) GAIA-DR3-6588305976083060736	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=35 18; FP-POS=4			1228 Secs (1228 Secs)		
										[==>]	[2]	
	5	(COS.sp.193 2110)	(20) GAIA-DR3-6588305976083060736	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=35 18; FP-POS=4			2590 Secs (2590 Secs)		
									[==>]	[3]		

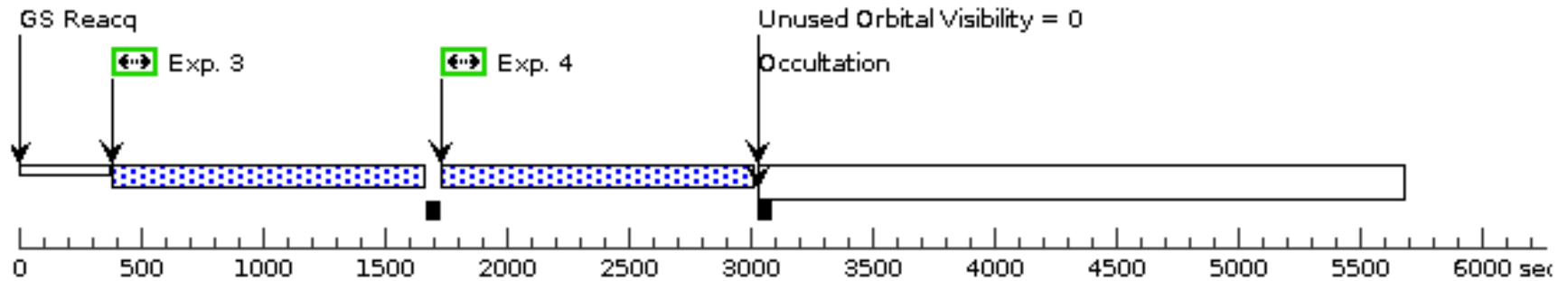
Orbit 1

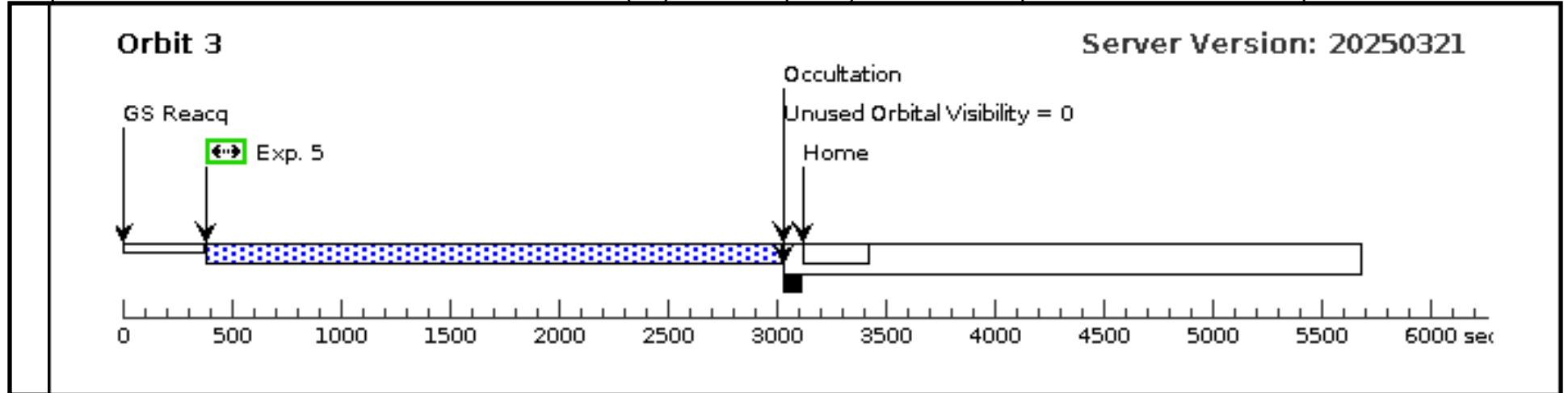
Server Version: 20250321



Orbit 2

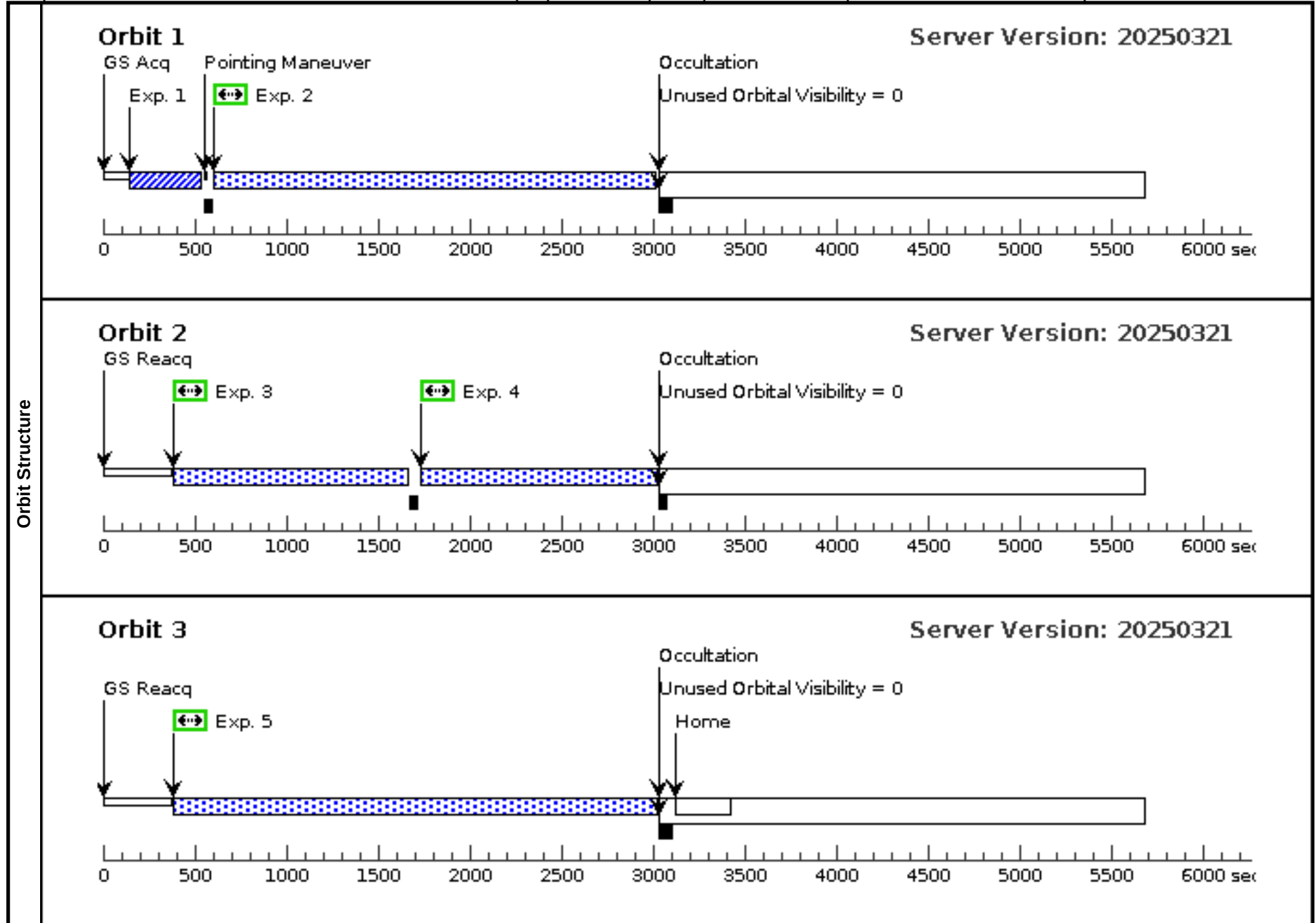
Server Version: 20250321





Proposal 17822 - GAIA-DR3-709064710767864064 (22) - The frequency and bulk composition of terrestrial exoplanets across Galacti...

Visit	Proposal 17822, GAIA-DR3-709064710767864064 (22), completed										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(21)	GAIA-DR3-709064710767864064		RA: 08 23 59.1711 (125.9965462d) Dec: +31 11 54.53 (31.19848d) Equinox: J2000		Proper Motion RA: -15.237 mas/yr Proper Motion Dec: -164.954 mas/yr Epoch of Position: 2000		V=18.3 FUV=17.68		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-709064710767864064 (COS.ta.193 2130)	(21) GAIA-DR3-709064710767864064	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				50 Secs (50 Secs)		
										[>=>]		[1]
	2	(COS.sp.193 2122)	(21) GAIA-DR3-709064710767864064	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=40 09; FP-POS=3			2241 Secs (2241 Secs)		
										[>=>]		[1]
	3	(COS.sp.193 2122)	(21) GAIA-DR3-709064710767864064	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=40 09; FP-POS=3			1233 Secs (1233 Secs)		
										[>=>]		[2]
	4	(COS.sp.193 2122)	(21) GAIA-DR3-709064710767864064	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=40 09; FP-POS=4			1233 Secs (1233 Secs)		
										[>=>]		[2]
	5	(COS.sp.193 2122)	(21) GAIA-DR3-709064710767864064	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=40 09; FP-POS=4			2590 Secs (2590 Secs)		
									[>=>]		[3]	

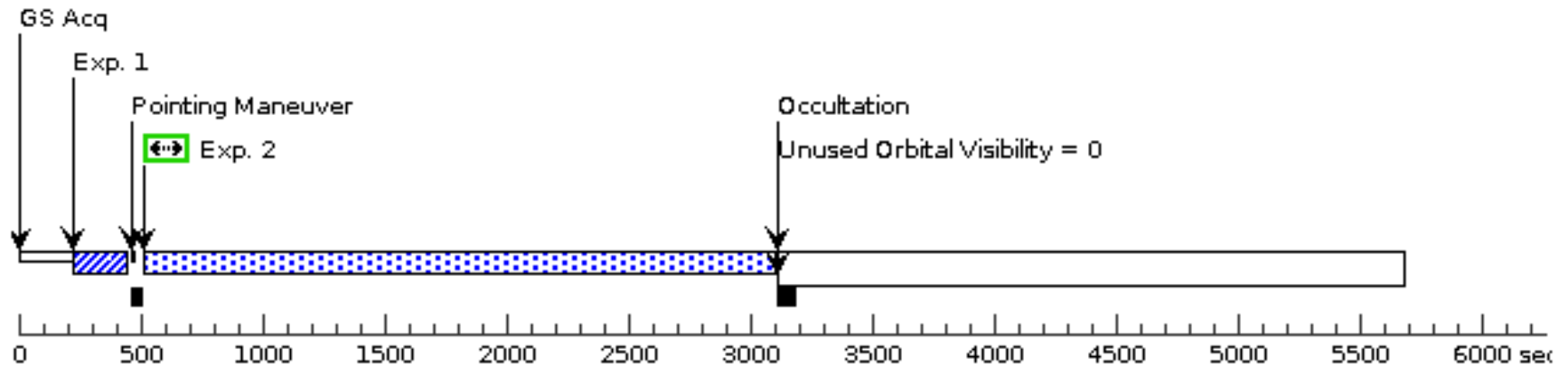


Proposal 17822 - GAIA-DR3-1048821294173738112 (23) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-1048821294173738112 (23), scheduling										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(22)	GAIA-DR3-1048821294173738112	RA: 10 35 21.3476 (158.8389483d) Dec: +61 07 2.90 (61.11747d) Equinox: J2000		Proper Motion RA: -42.339 mas/yr Proper Motion Dec: -111.178 mas/yr Epoch of Position: 2000		V=18.65 FUV=17.70		Reference Frame: ICRS			
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-1048821294173738112 (COS.ta.193 2133)	(22) GAIA-DR3-1048821294173738112	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				4 Secs (4 Secs) [==>]		[1]	
	2	(COS.sp.193 2134)	(22) GAIA-DR3-1048821294173738112	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 81; FP-POS=3			2418 Secs (2418 Secs) [==>]		[1]	
	3	(COS.sp.193 2134)	(22) GAIA-DR3-1048821294173738112	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 81; FP-POS=3			1276 Secs (1276 Secs) [==>]		[2]	
	4	(COS.sp.193 2134)	(22) GAIA-DR3-1048821294173738112	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 81; FP-POS=4			1275 Secs (1275 Secs) [==>]		[2]	
	5	(COS.sp.193 2134)	(22) GAIA-DR3-1048821294173738112	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 81; FP-POS=4			2675 Secs (2675 Secs) [==>]		[3]	

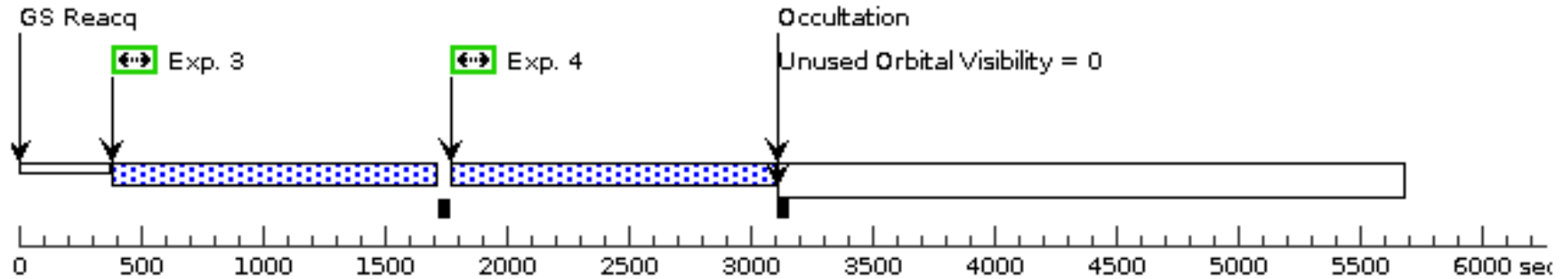
Orbit 1

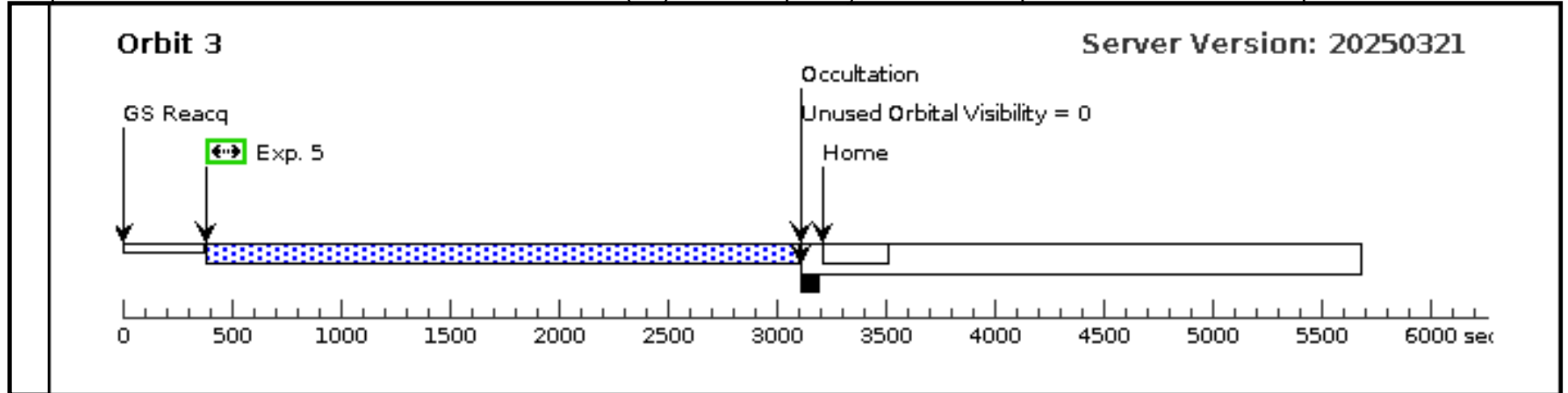
Server Version: 20250321



Orbit 2

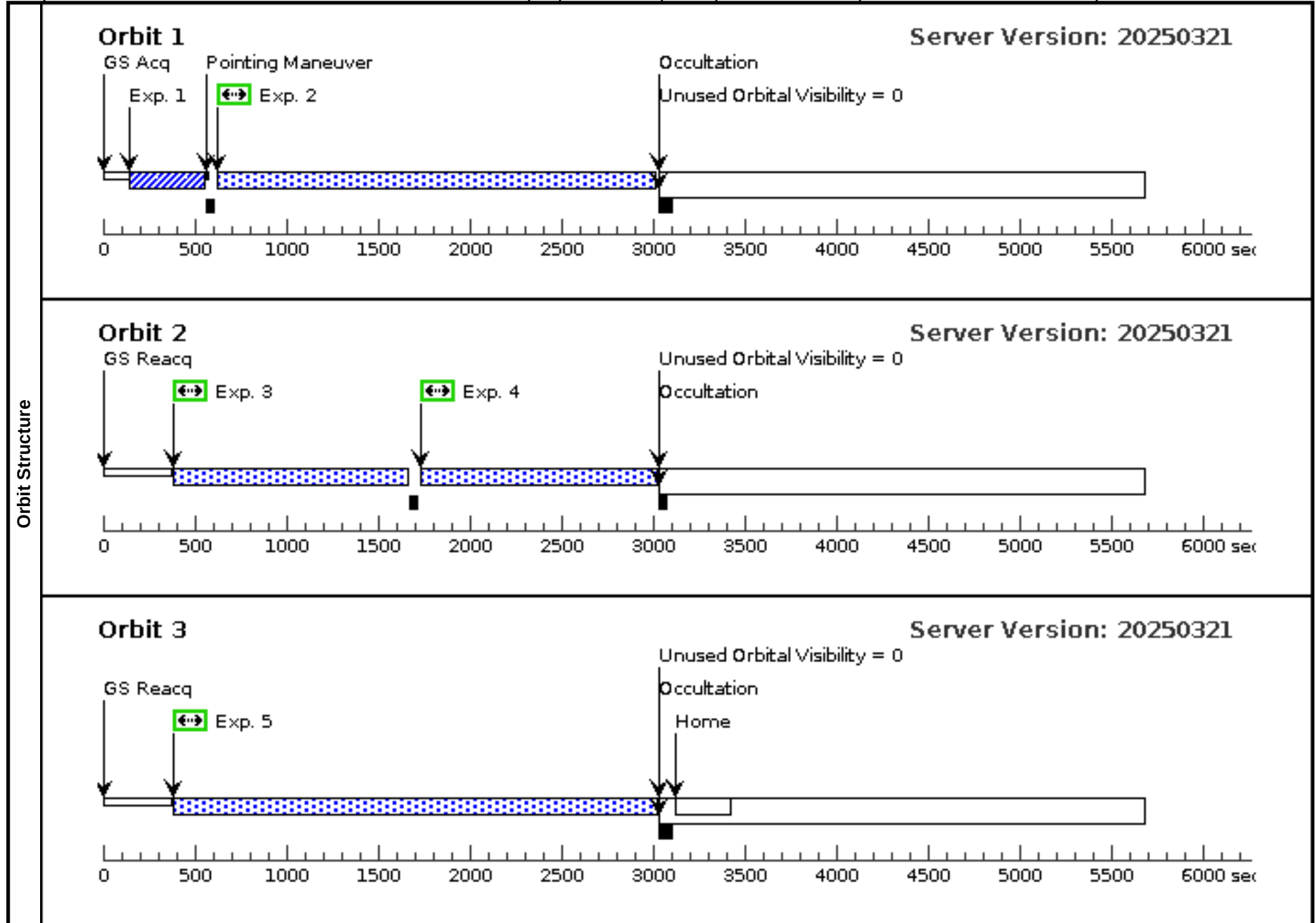
Server Version: 20250321





Proposal 17822 - GAIA-DR3-1318362064300983040 (24) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-1318362064300983040 (24), completed										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(23)	GAIA-DR3-1318362064300983040	RA: 16 23 1.5714 (245.7565475d) Dec: +30 30 41.98 (30.51166d) Equinox: J2000		Proper Motion RA: 8.739 mas/yr Proper Motion Dec: -160.824 mas/yr Epoch of Position: 2000		V=18.07 FUV=17.74		Reference Frame: ICRS			
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-1318362064300983040 (COS.ta.193 2137)	(23) GAIA-DR3-1318362064300983040	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				58 Secs (58 Secs) [==>]		[1]	
	2	(COS.sp.193 2136)	(23) GAIA-DR3-1318362064300983040	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 16; FP-POS=3			2225 Secs (2225 Secs) [==>]		[1]	
	3	(COS.sp.193 2136)	(23) GAIA-DR3-1318362064300983040	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 16; FP-POS=3			1233 Secs (1233 Secs) [==>]		[2]	
	4	(COS.sp.193 2136)	(23) GAIA-DR3-1318362064300983040	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 16; FP-POS=4			1233 Secs (1233 Secs) [==>]		[2]	
	5	(COS.sp.193 2136)	(23) GAIA-DR3-1318362064300983040	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 16; FP-POS=4			2590 Secs (2590 Secs) [==>]		[3]	

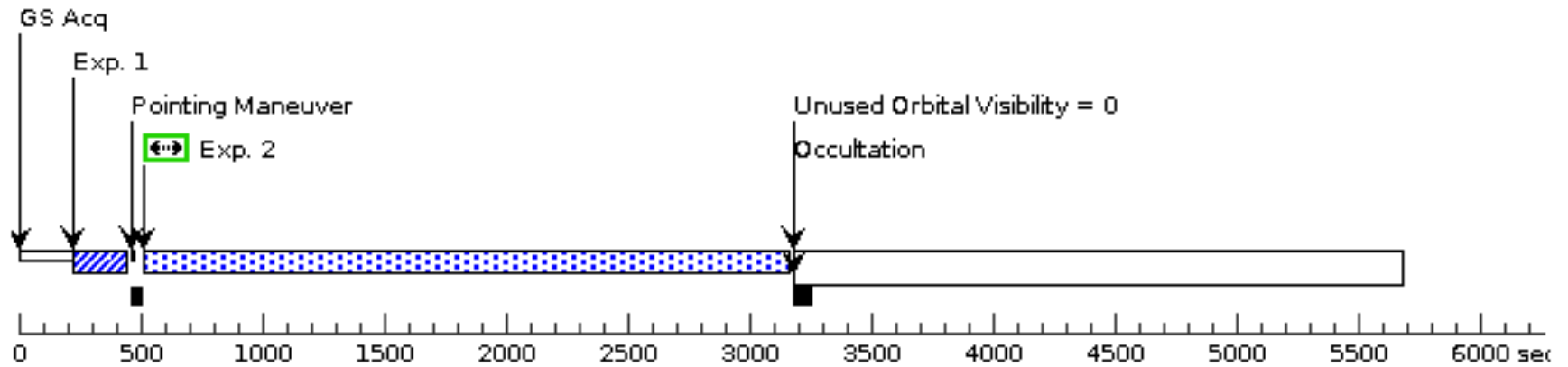


Proposal 17822 - GAIA-DR3-1062666683892138496 (25) - The frequency and bulk composition of terrestrial exoplanets across Galac...

Visit	Proposal 17822, GAIA-DR3-1062666683892138496 (25), scheduling										Mon Jun 23 16:00:32 GMT 2025
	Diagnostic Status: No Diagnostics										
	Scientific Instruments: COS/FUV, COS/NUV										
	Special Requirements: (none)										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(24)	GAIA-DR3-1062666683892138496	RA: 11 37 16.3132 (174.3179717d) Dec: +71 03 16.49 (71.05458d) Equinox: J2000		Proper Motion RA: -82.769 mas/yr Proper Motion Dec: -121.817 mas/yr Epoch of Position: 2000		V=18.91 FUV=17.87		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO										
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-1062666683892138496 (COS.ta.193 2138)	(24) GAIA-DR3-106266683892138496	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				5 Secs (5 Secs) [==>]		[1]
	2	(COS.sp.193 2139)	(24) GAIA-DR3-106266683892138496	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 07; FP-POS=3			2481 Secs (2481 Secs) [==>]		[1]
	3	(COS.sp.193 2139)	(24) GAIA-DR3-106266683892138496	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 07; FP-POS=3			1303 Secs (1303 Secs) [==>]		[2]
	4	(COS.sp.193 2139)	(24) GAIA-DR3-106266683892138496	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 07; FP-POS=4			1303 Secs (1303 Secs) [==>]		[2]
	5	(COS.sp.193 2139)	(24) GAIA-DR3-106266683892138496	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=38 07; FP-POS=4			2740 Secs (2740 Secs) [==>]		[3]

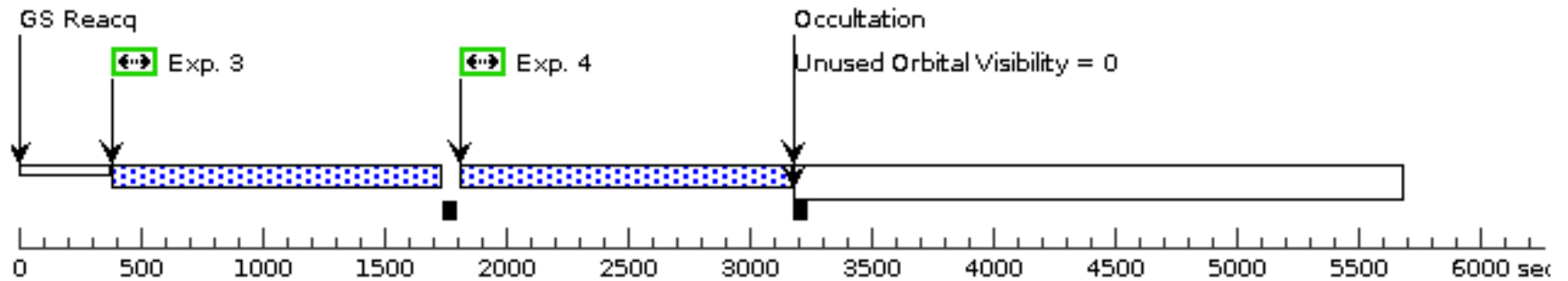
Orbit 1

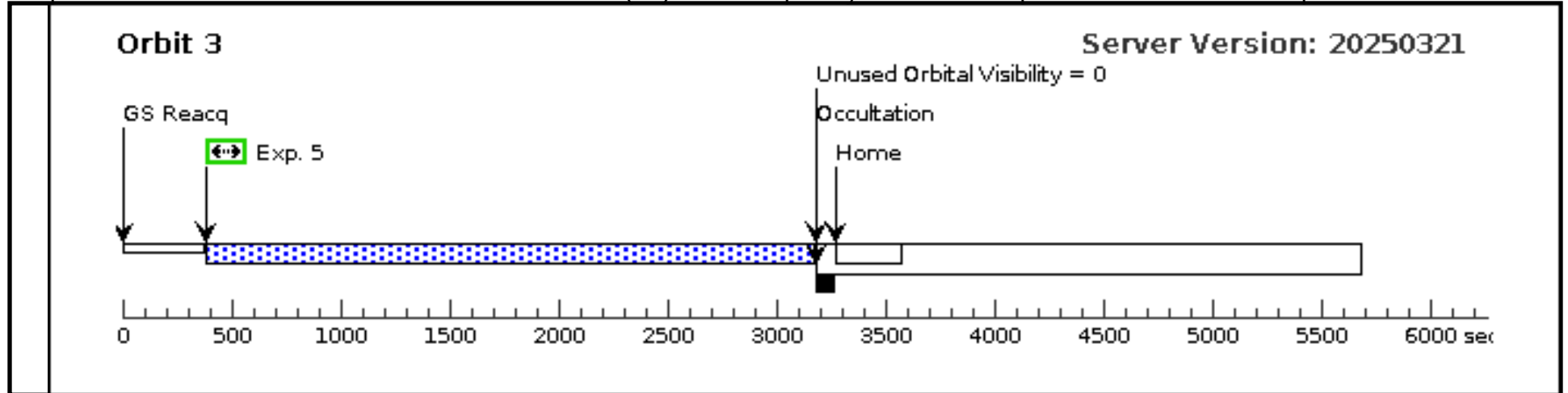
Server Version: 20250321



Orbit 2

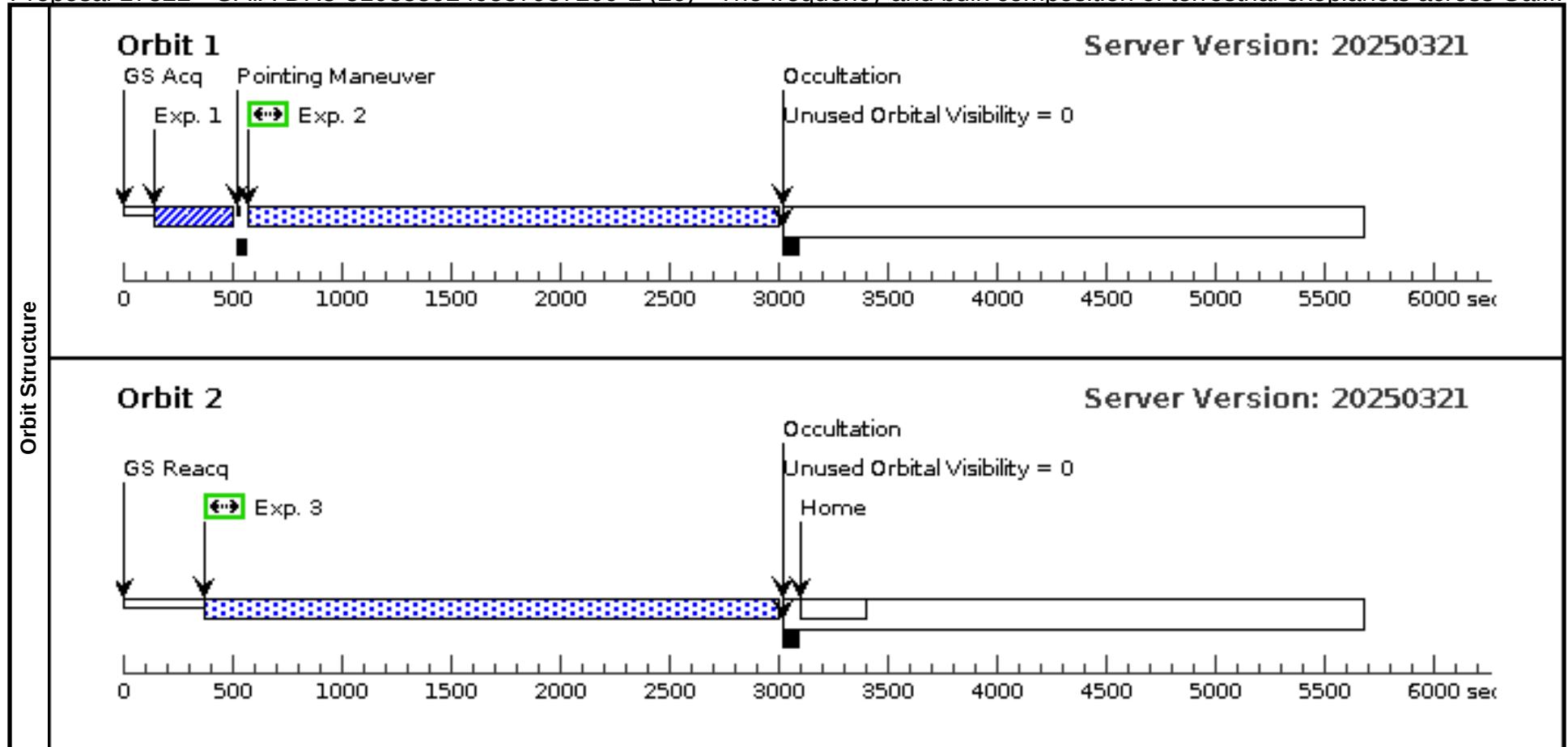
Server Version: 20250321





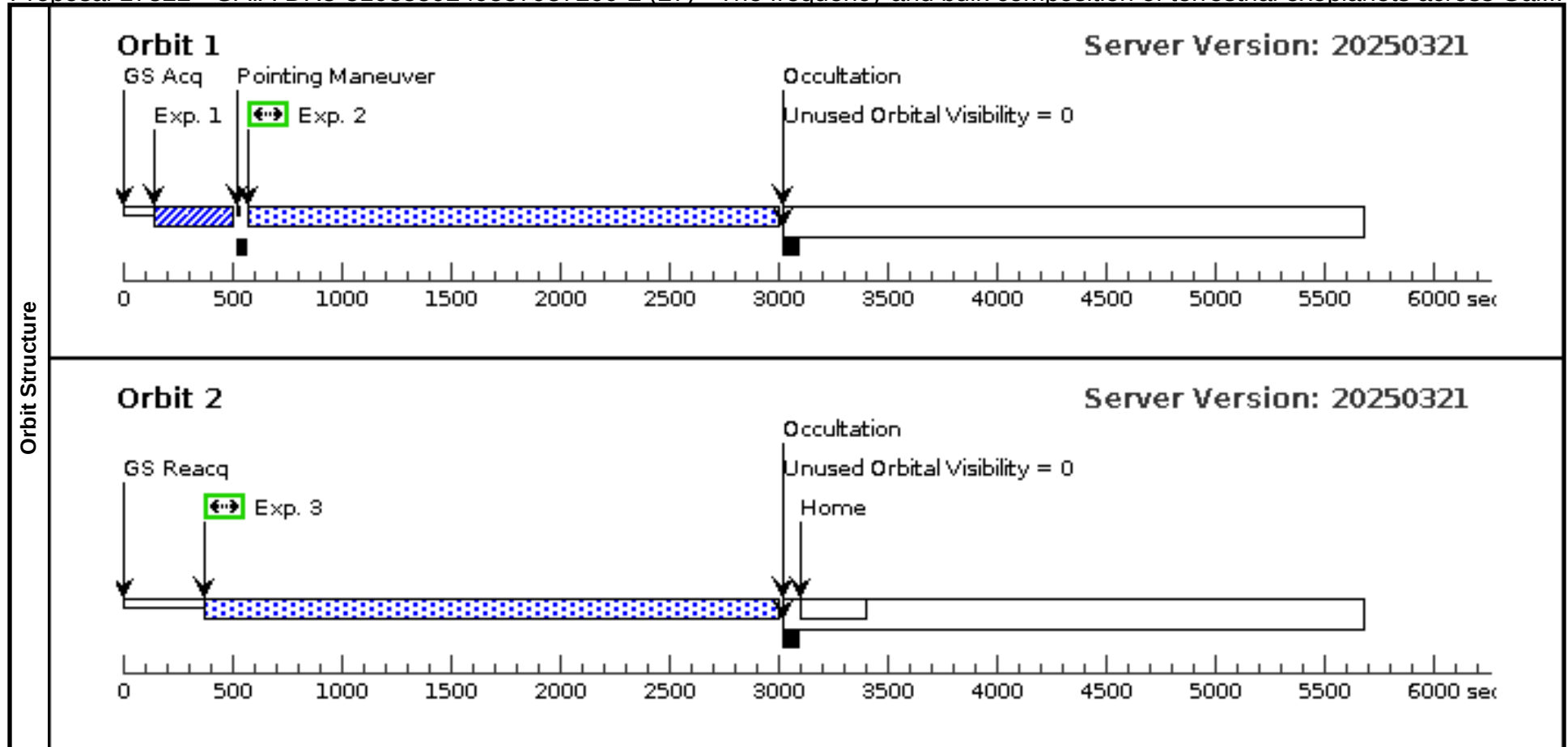
Proposal 17822 - GAIA-DR3-5103559249557987200-1 (26) - The frequency and bulk composition of terrestrial exoplanets across Gal...

Visit	Proposal 17822, GAIA-DR3-5103559249557987200-1 (26), scheduling										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(25)	GAIA-DR3-5103559249557987200	RA: 03 13 43.8209 (48.4325871d)		Proper Motion RA: 63.015 mas/yr		V=19.0		Reference Frame: ICRS			
			Dec: -19 02 52.73 (-19.04798d)		Proper Motion Dec: -85.972 mas/yr		FUV=17.90					
			Equinox: J2000		Epoch of Position: 2000							
Comments: Category=STAR Description=[DA] Extended=NO												
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-5103559249557987200 (COS.ta.193 2148)	(25) GAIA-DR3-5103559249557987200	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				35 Secs (35 Secs)			
									[==>]		[1]	
	2	(COS.sp.193 2142)	(25) GAIA-DR3-5103559249557987200	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 84; FP-POS=3			2260 Secs (2260 Secs)			
									[==>]		[1]	
	3	(COS.sp.193 2142)	(25) GAIA-DR3-5103559249557987200	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 84; FP-POS=4			2579 Secs (2579 Secs)			
[==>]									[2]			



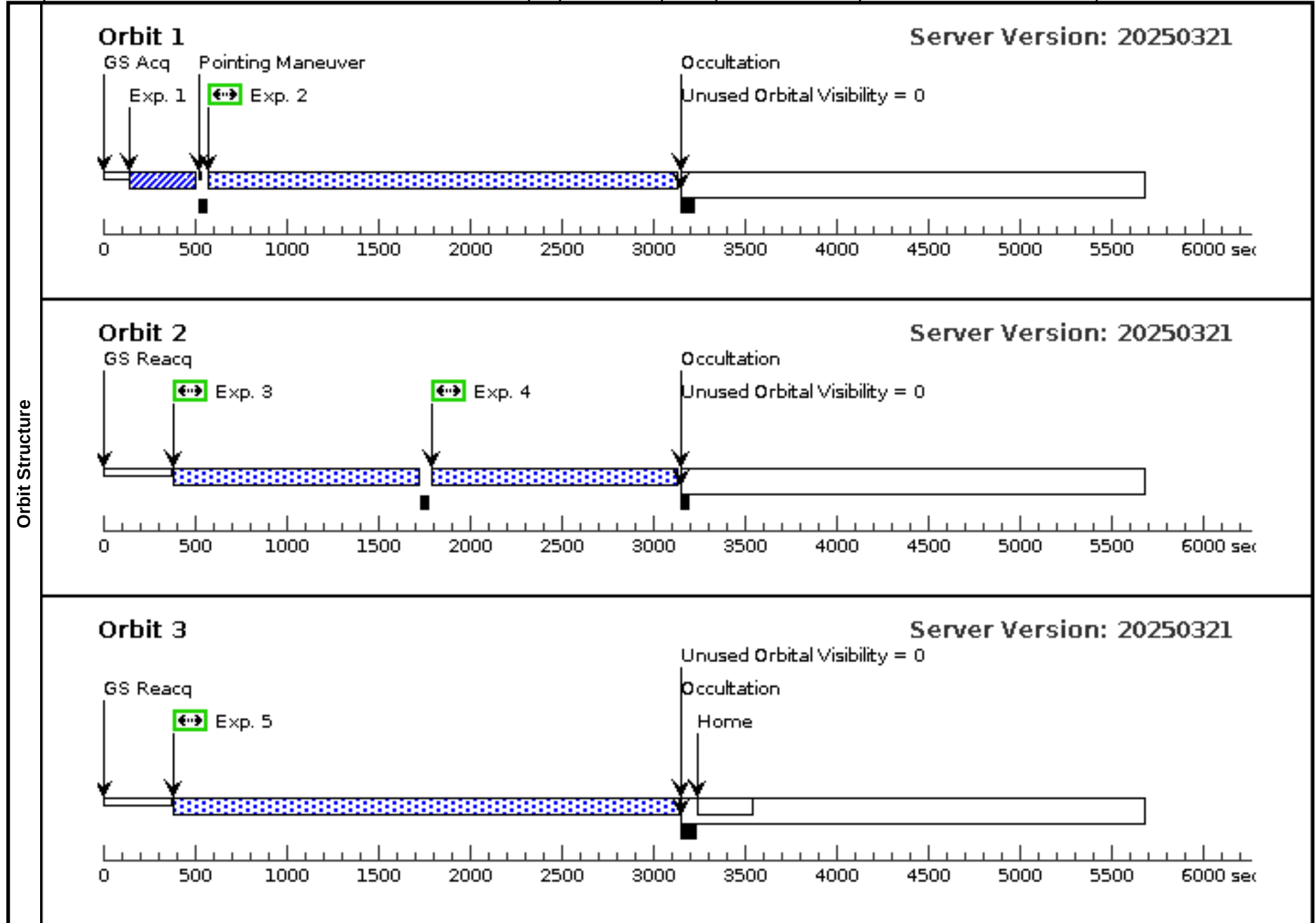
Proposal 17822 - GAIA-DR3-5103559249557987200-2 (27) - The frequency and bulk composition of terrestrial exoplanets across Gal...

Visit	Proposal 17822, GAIA-DR3-5103559249557987200-2 (27), scheduling										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(25)	GAIA-DR3-5103559249557987200	RA: 03 13 43.8209 (48.4325871d) Dec: -19 02 52.73 (-19.04798d) Equinox: J2000		Proper Motion RA: 63.015 mas/yr Proper Motion Dec: -85.972 mas/yr Epoch of Position: 2000		V=19.0 FUV=17.90		Reference Frame: ICRS			
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-5103559249557987200 (COS.ta.193 2148)	(25) GAIA-DR3-5103559249557987200	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				35 Secs (35 Secs) [==>]		[1]	
	2	(COS.sp.193 2142)	(25) GAIA-DR3-5103559249557987200	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 84; FP-POS=3			2260 Secs (2260 Secs) [==>]		[1]	
	3	(COS.sp.193 2142)	(25) GAIA-DR3-5103559249557987200	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 84; FP-POS=4			2579 Secs (2579 Secs) [==>]		[2]	



Proposal 17822 - GAIA-DR3-1682129610835350400 (28) - The frequency and bulk composition of terrestrial exoplanets across Galac...

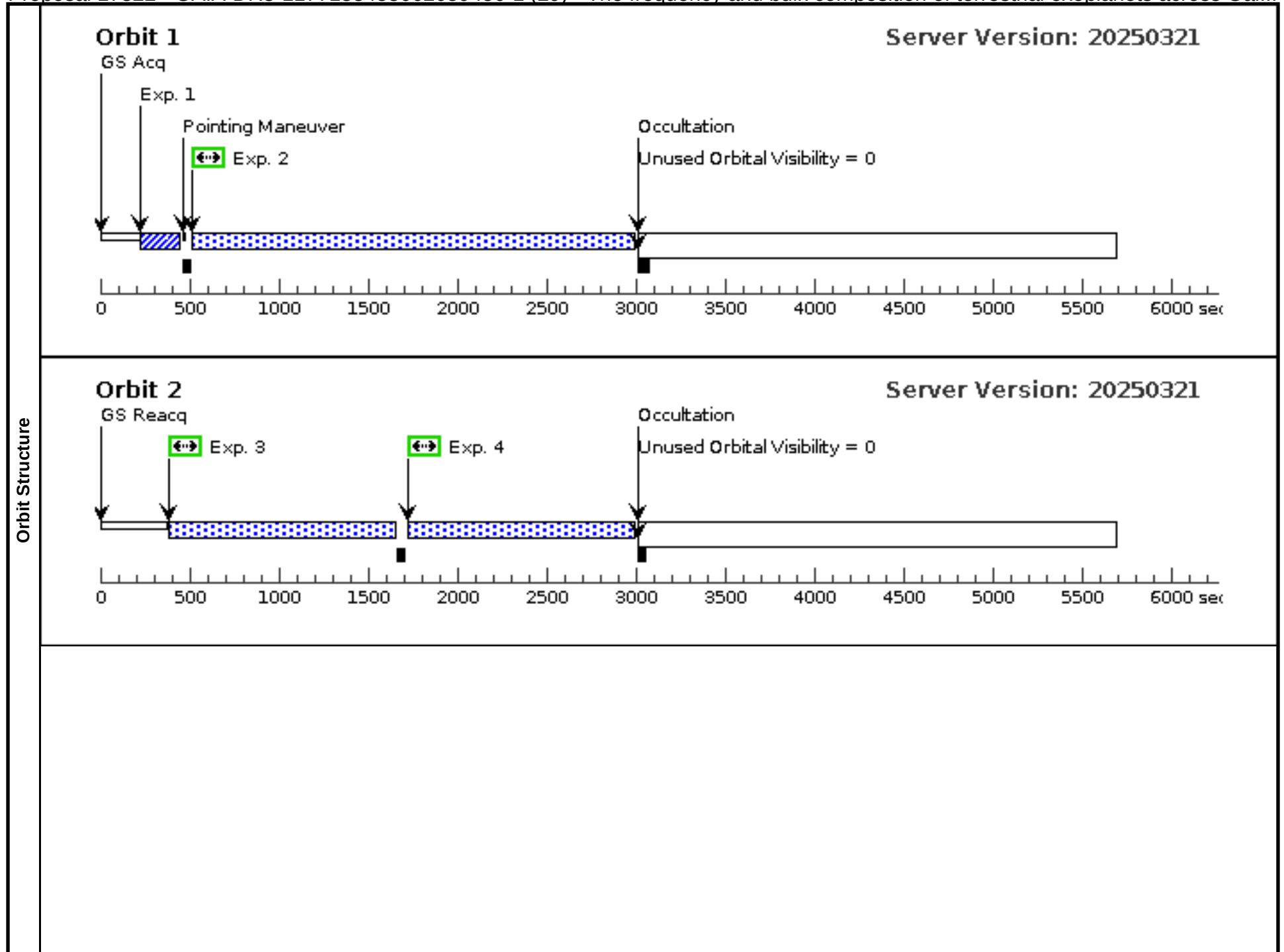
Visit	Proposal 17822, GAIA-DR3-1682129610835350400 (28), failed										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(26)	GAIA-DR3-1682129610835350400	RA: 12 40 43.4563 (190.1810679d) Dec: +67 10 35.93 (67.17665d) Equinox: J2000		Proper Motion RA: -184.774 mas/yr Proper Motion Dec: -96.051 mas/yr Epoch of Position: 2000		V=18.4 FUV=17.93		Reference Frame: ICRS			
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-1682129610835350400 (COS.ta.193 2153)	(26) GAIA-DR3-1682129610835350400	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				35 Secs (35 Secs) [==>]		[1]	
	2	(COS.sp.193 2151)	(26) GAIA-DR3-1682129610835350400	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 54; FP-POS=3			2388 Secs (2388 Secs) [==>]		[1]	
	3	(COS.sp.193 2151)	(26) GAIA-DR3-1682129610835350400	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 54; FP-POS=3			1292 Secs (1292 Secs) [==>]		[2]	
	4	(COS.sp.193 2151)	(26) GAIA-DR3-1682129610835350400	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 54; FP-POS=4			1291 Secs (1291 Secs) [==>]		[2]	
	5	(COS.sp.193 2151)	(26) GAIA-DR3-1682129610835350400	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 54; FP-POS=4			2707 Secs (2707 Secs) [==>]		[3]	

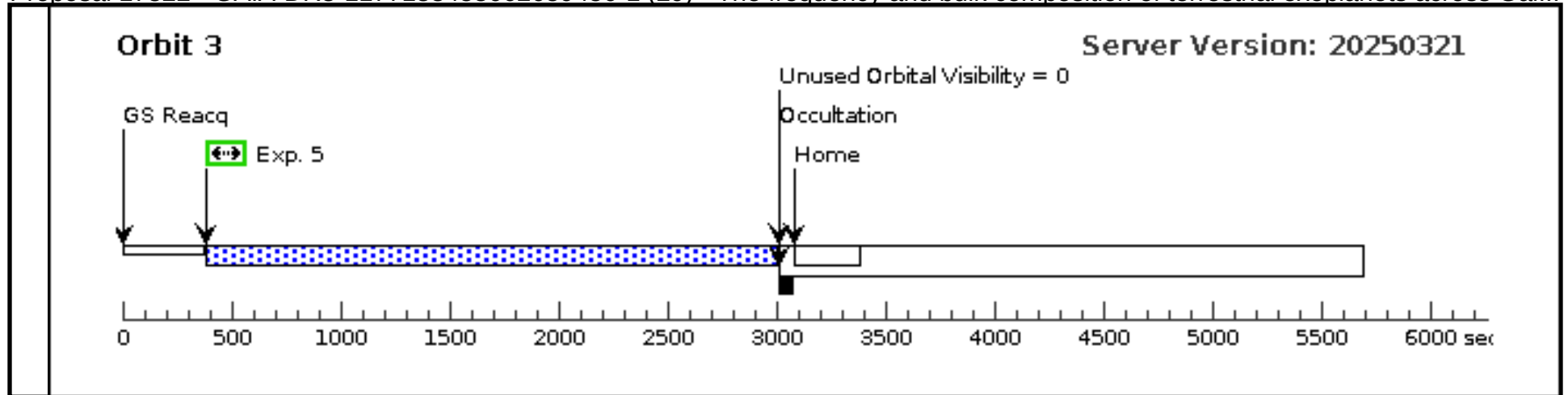


Visit	Proposal 17822, GAIA-DR3-1682129610835350400 (38), scheduling								Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics									
	Scientific Instruments: COS/FUV, COS/NUV									
	Special Requirements: (none)									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(26)	GAIA-DR3-1682129610835350400	RA: 12 40 43.4563 (190.1810679d) Dec: +67 10 35.93 (67.17665d) Equinox: J2000	Proper Motion RA: -184.774 mas/yr Proper Motion Dec: -96.051 mas/yr Epoch of Position: 2000		V=18.4 FUV=17.93		Reference Frame: ICRS		
	Comments: Category=STAR Description=[DA] Extended=NO									
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]	Orbit
	1	GAIA-DR3-1682129610835350400 (COS.ta.193 2153)	(26) GAIA-DR3-1682129610835350400	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				35 Secs (35 Secs)	
									[==>]	[1]
	2	(COS.sp.193 2151)	(26) GAIA-DR3-1682129610835350400	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 54; FP-POS=3			1132 Secs (1132 Secs)	
									[==>]	[1]
	3	(COS.sp.193 2151)	(26) GAIA-DR3-1682129610835350400	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=39 54; FP-POS=4			1132 Secs (1132 Secs)	
								[==>]	[1]	
Orbit Structure	Orbit 1 Server Version: 20250321 GS Acq Exp. 1 Pointing Maneuver Exp. 2 Exp. 3 Occultation Unused Orbital Visibility = 0 Home 050010001500200025003000350040004500500055006000 sec									

Proposal 17822 - GAIA-DR3-1177138458662659456-1 (29) - The frequency and bulk composition of terrestrial exoplanets across Gal...

Visit	Proposal 17822, GAIA-DR3-1177138458662659456-1 (29), scheduling										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name		Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous		
	(27)	GAIA-DR3-1177138458662659456		RA: 14 26 49.8725 (216.7078021d) Dec: +09 49 37.46 (9.82707d) Equinox: J2000		Proper Motion RA: 46.904 mas/yr Proper Motion Dec: -316.413 mas/yr Epoch of Position: 2000		V=18.0 FUV=17.98		Reference Frame: ICRS		
	Comments:											
	Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-1177138458662659456 (COS.ta.193 2156)	(27) GAIA-DR3-1177138458662659456	COS/NUV, ACQ/IMAGE, PSA		MIRRORA				4 Secs (4 Secs) [==>]		[1]
	2	(COS.sp.193 2157)	(27) GAIA-DR3-1177138458662659456	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=47 15; FP-POS=3			2309 Secs (2309 Secs) [==>]		[1]
	3	(COS.sp.193 2157)	(27) GAIA-DR3-1177138458662659456	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=47 15; FP-POS=3			1221 Secs (1221 Secs) [==>]		[2]
	4	(COS.sp.193 2157)	(27) GAIA-DR3-1177138458662659456	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=47 15; FP-POS=4			1221 Secs (1221 Secs) [==>]		[2]
	5	(COS.sp.193 2157)	(27) GAIA-DR3-1177138458662659456	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=47 15; FP-POS=4			2566 Secs (2566 Secs) [==>]		[3]



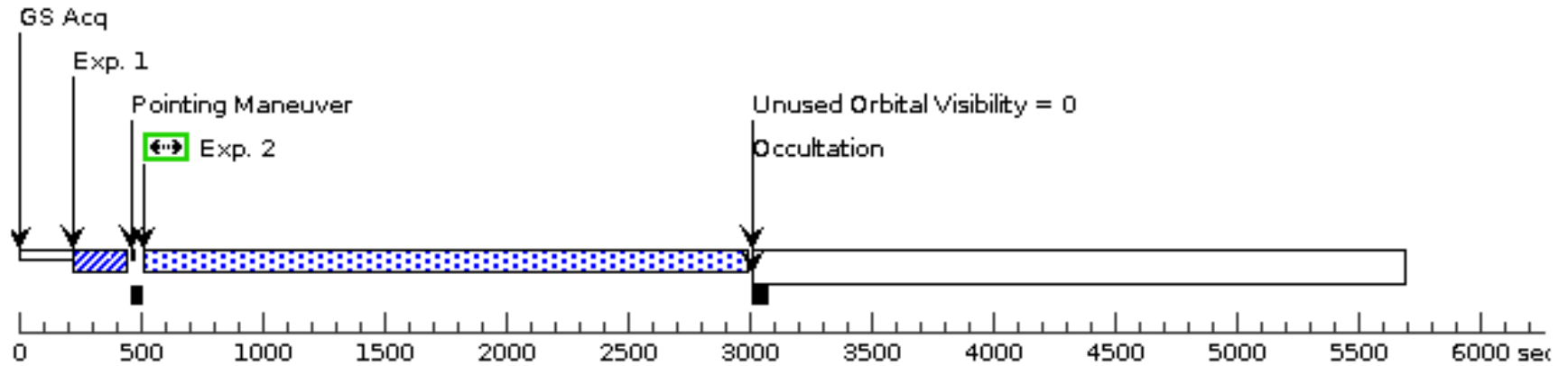


Proposal 17822 - GAIA-DR3-1177138458662659456-2 (30) - The frequency and bulk composition of terrestrial exoplanets across Gal...

Visit	Proposal 17822, GAIA-DR3-1177138458662659456-2 (30), scheduling										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(27)	GAIA-DR3-1177138458662659456	RA: 14 26 49.8725 (216.7078021d) Dec: +09 49 37.46 (9.82707d) Equinox: J2000		Proper Motion RA: 46.904 mas/yr Proper Motion Dec: -316.413 mas/yr Epoch of Position: 2000		V=18.0 FUV=17.98		Reference Frame: ICRS			
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-1177138458662659456 (COS.ta.193 2156)	(27) GAIA-DR3-1177138458662659456	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				4 Secs (4 Secs) [==>]		[1]	
	2	(COS.sp.193 2157)	(27) GAIA-DR3-1177138458662659456	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=47 15; FP-POS=3			2309 Secs (2309 Secs) [==>]		[1]	
	3	(COS.sp.193 2157)	(27) GAIA-DR3-1177138458662659456	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=47 15; FP-POS=4			2566 Secs (2566 Secs) [==>]		[2]	

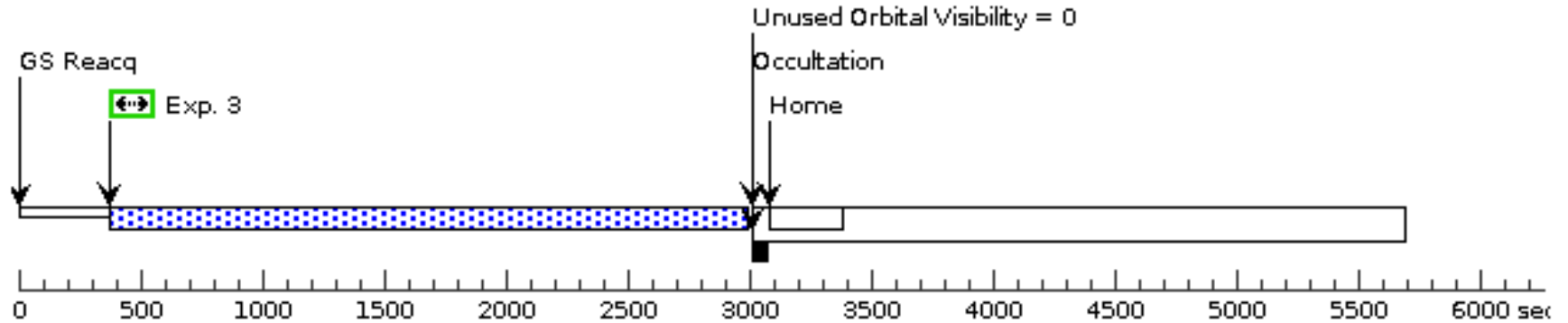
Orbit 1

Server Version: 20250321



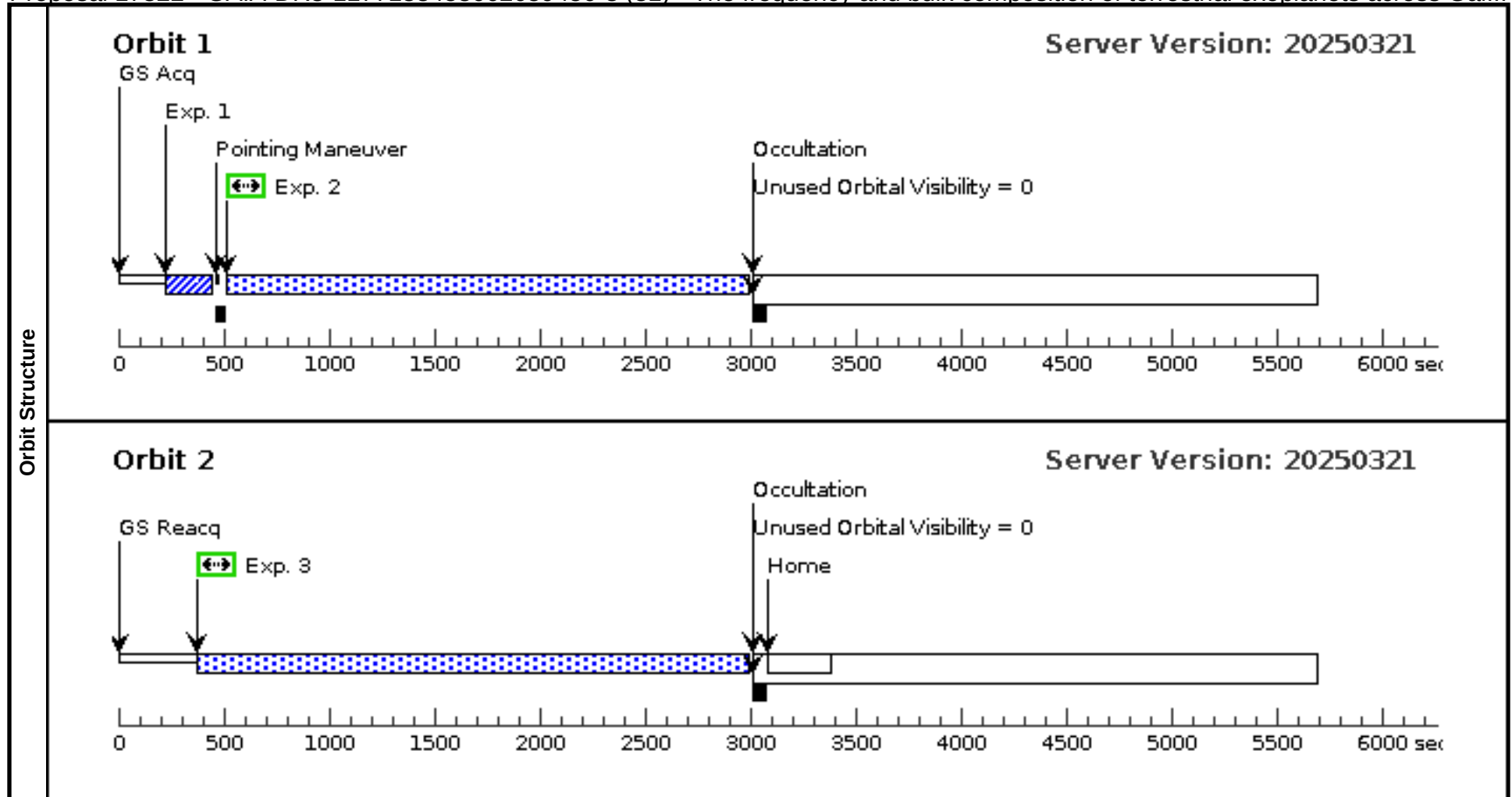
Orbit 2

Server Version: 20250321



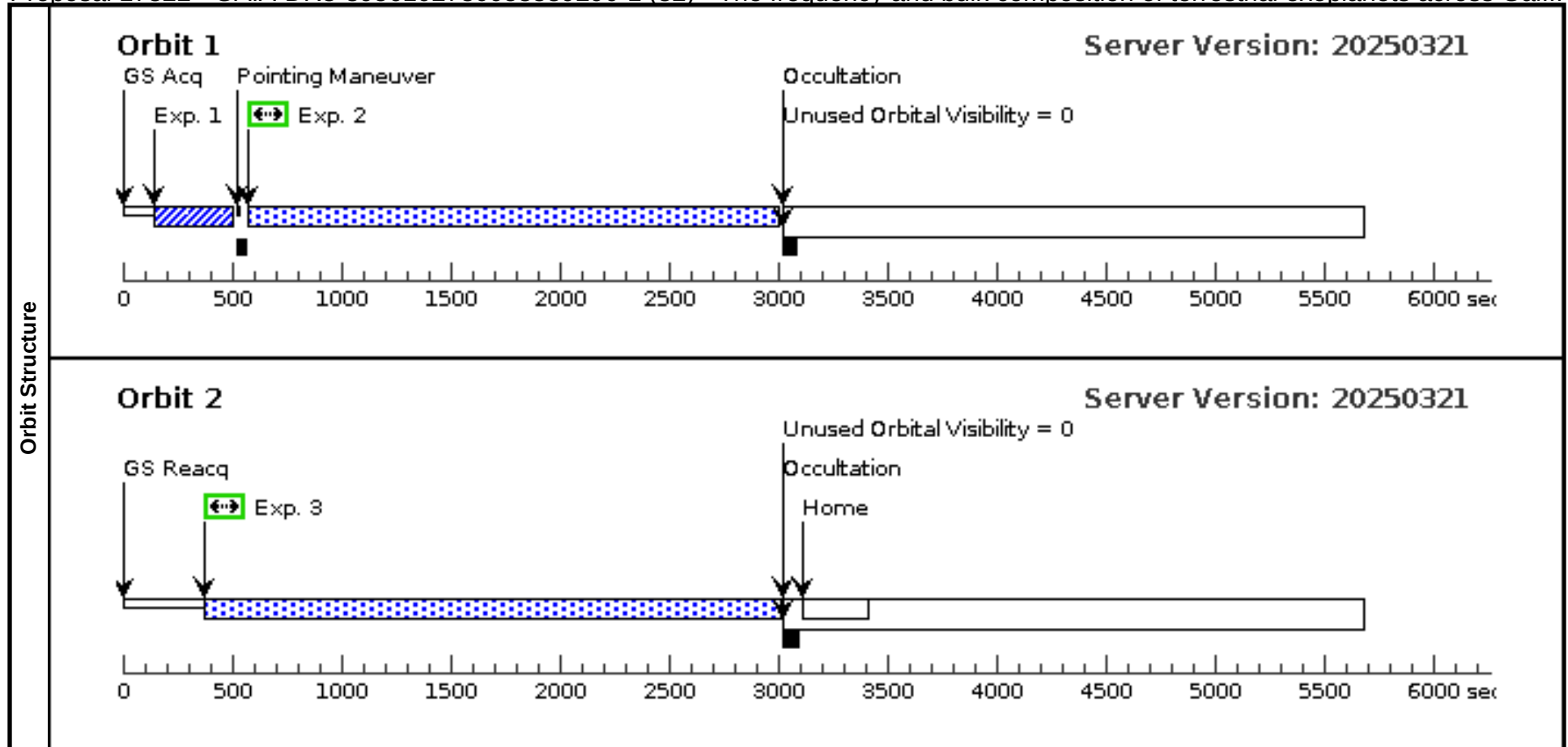
Proposal 17822 - GAIA-DR3-1177138458662659456-3 (31) - The frequency and bulk composition of terrestrial exoplanets across Gal...

Visit	Proposal 17822, GAIA-DR3-1177138458662659456-3 (31), scheduling										Mon Jun 23 16:00:32 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(27)	GAIA-DR3-1177138458662659456	RA: 14 26 49.8725 (216.7078021d) Dec: +09 49 37.46 (9.82707d) Equinox: J2000		Proper Motion RA: 46.904 mas/yr Proper Motion Dec: -316.413 mas/yr Epoch of Position: 2000		V=18.0 FUV=17.98		Reference Frame: ICRS			
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-1177138458662659456 (COS.ta.193 2156)	(27) GAIA-DR3-1177138458662659456	COS/NUV, ACQ/IMAGE, PSA	MIRRORA				4 Secs (4 Secs) [==>]		[1]	
	2	(COS.sp.193 2157)	(27) GAIA-DR3-1177138458662659456	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=47 15; FP-POS=3			2309 Secs (2309 Secs) [==>]		[1]	
	3	(COS.sp.193 2157)	(27) GAIA-DR3-1177138458662659456	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=47 15; FP-POS=4			2566 Secs (2566 Secs) [==>]		[2]	



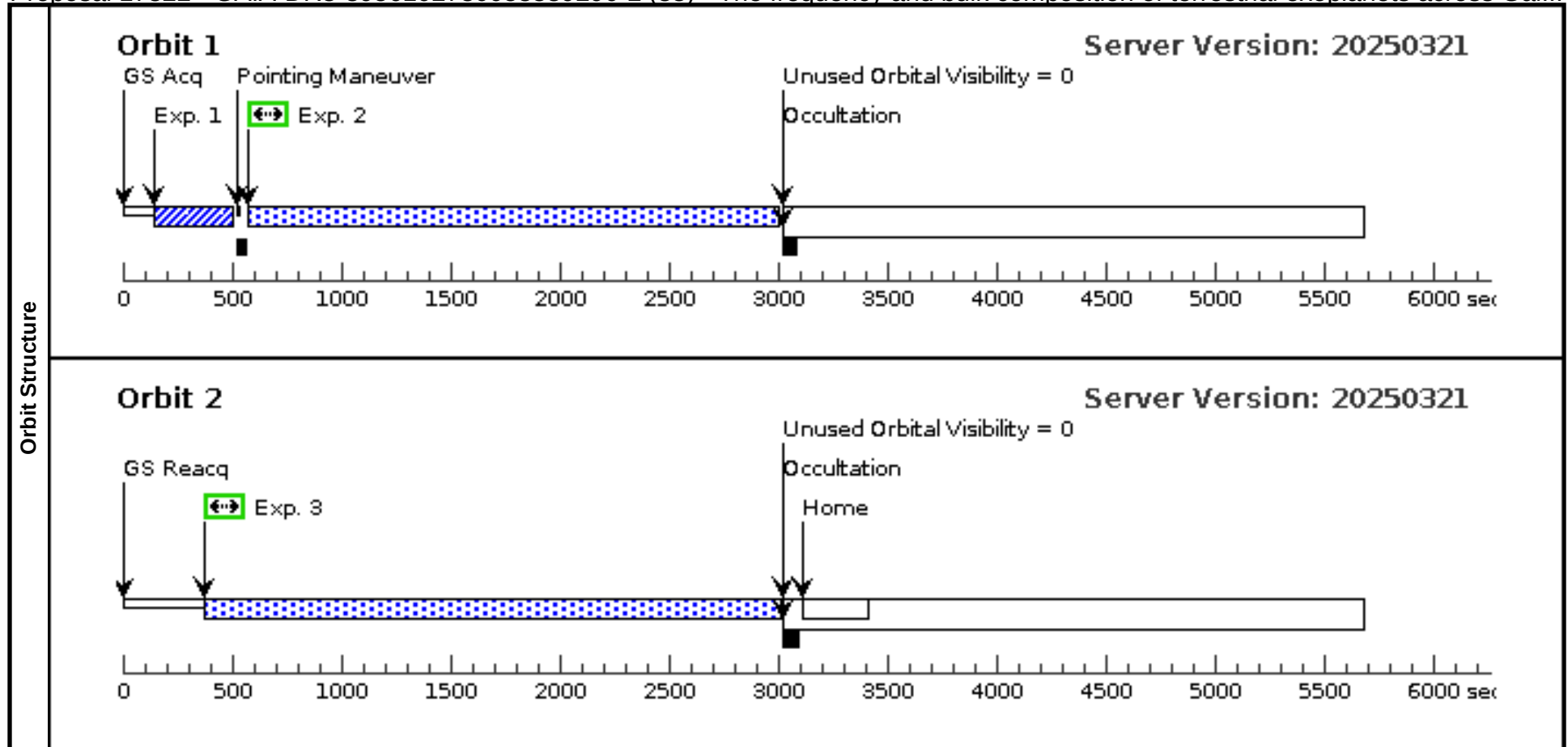
Proposal 17822 - GAIA-DR3-3956102730058839296-1 (32) - The frequency and bulk composition of terrestrial exoplanets across Gal...

Visit	Proposal 17822, GAIA-DR3-3956102730058839296-1 (32), scheduling										Mon Jun 23 16:00:33 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(28)	GAIA-DR3-3956102730058839296	RA: 12 47 50.5127 (191.9604696d)		Proper Motion RA: -75.746 mas/yr		V=18.9		Reference Frame: ICRS			
			Dec: +23 32 54.41 (23.54845d)		Proper Motion Dec: -65.808 mas/yr		FUV=18.0					
			Equinox: J2000		Epoch of Position: 2000							
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-3956102730058839296 (COS.ta.193 2169)	(28) GAIA-DR3-3956102730058839296	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				35 Secs (35 Secs)			
									[==>]		[1]	
	2	(COS.sp.193 2168)	(28) GAIA-DR3-3956102730058839296	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=41 91;			2265 Secs (2265 Secs)			
						FP-POS=3			[==>]		[1]	
	3	(COS.sp.193 2168)	(28) GAIA-DR3-3956102730058839296	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=41 90;			2584 Secs (2584 Secs)			
						FP-POS=4			[==>]		[2]	



Proposal 17822 - GAIA-DR3-3956102730058839296-2 (33) - The frequency and bulk composition of terrestrial exoplanets across Gal...

Visit	Proposal 17822, GAIA-DR3-3956102730058839296-2 (33), scheduling										Mon Jun 23 16:00:33 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(28)	GAIA-DR3-3956102730058839296	RA: 12 47 50.5127 (191.9604696d)		Proper Motion RA: -75.746 mas/yr		V=18.9		Reference Frame: ICRS			
			Dec: +23 32 54.41 (23.54845d)		Proper Motion Dec: -65.808 mas/yr		FUV=18.0					
			Equinox: J2000		Epoch of Position: 2000							
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture	Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit	
	1	GAIA-DR3-3956102730058839296 (COS.ta.193 2169)	(28) GAIA-DR3-3956102730058839296	COS/NUV, ACQ/IMAGE, PSA	MIRRORB				35 Secs (35 Secs)			
									[==>]		[1]	
	2	(COS.sp.193 2168)	(28) GAIA-DR3-3956102730058839296	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=41 91;			2265 Secs (2265 Secs)			
						FP-POS=3			[==>]		[1]	
	3	(COS.sp.193 2168)	(28) GAIA-DR3-3956102730058839296	COS/FUV, TIME-TAG, PSA	G130M 1291 A	BUFFER-TIME=41 90;			2584 Secs (2584 Secs)			
						FP-POS=4			[==>]		[2]	



Proposal 17822 - Visit 35 repeat (39) - The frequency and bulk composition of terrestrial exoplanets across Galactic history

Visit	Proposal 17822, Visit 35 repeat (39)										Mon Jun 23 16:00:33 GMT 2025	
	Diagnostic Status: No Diagnostics											
	Scientific Instruments: COS/FUV, COS/NUV											
	Special Requirements: (none)											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Fluxes		Miscellaneous			
	(9)	GAIA-DR3-4764189621230467584	RA: 04 58 22.8548 (74.5952283d) Dec: -56 37 34.50 (-56.62625d) Equinox: J2000		Proper Motion RA: 143.596 mas/yr Proper Motion Dec: 66.486 mas/yr Epoch of Position: 2000		V=17.9 FUV=16.32		Reference Frame: ICRS			
	Comments: Category=STAR Description=[DA] Extended=NO											
Exposures	#	Label (ETC Run)	Target	Config,Mode,Aperture		Spectral Els.	Opt. Params.	Special Reqs.	Groups	Exp. Time (Total)/[Actual Dur.]		Orbit
	1	GAIA-DR3-4764189621230467584 (COS.ta.193 1957)	(9) GAIA-DR3-4764189621230467584	COS/NUV, ACQ/IMAGE, PSA		MIRRORB				18 Secs (18 Secs)		
										[==>]		[1]
	2	(COS.sp.193 1958)	(9) GAIA-DR3-4764189621230467584	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=20 43; FP-POS=3			1114 Secs (1114 Secs)		
										[==>]		[1]
	3	(COS.sp.193 1958)	(9) GAIA-DR3-4764189621230467584	COS/FUV, TIME-TAG, PSA		G130M 1291 A	BUFFER-TIME=20 43; FP-POS=4			1113 Secs (1113 Secs)		
									[==>]		[1]	
Orbit Structure	Orbit 1 Server Version: 20250321 Unused Orbital Visibility = 0 GS Acq Exp. 1 Pointing Maneuver Exp. 2 Exp. 3 Occultation Home 