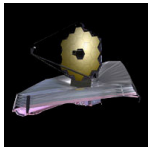

2075 - The Ultra Violet Output of Sgr A*

Cycle: 1, Proposal Category: GO

INVESTIGATORS

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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
MIRI MRS				
	1	SgrA* UV cloud	MIRI Medium Resolution Spectroscopy	(1) NAME-SGR-A-UV-CLOUD
	2	SgrA* UV back	MIRI Medium Resolution Spectroscopy	(2) NAME-SGR-A-BCKG
	3	SgrA* UV cloud	MIRI Medium Resolution Spectroscopy	(1) NAME-SGR-A-UV-CLOUD
	4	SgrA* UV back	MIRI Medium Resolution Spectroscopy	(2) NAME-SGR-A-BCKG
	5	SgrA* UV cloud	MIRI Medium Resolution Spectroscopy	(1) NAME-SGR-A-UV-CLOUD
	6	SgrA* UV back	MIRI Medium Resolution Spectroscopy	(2) NAME-SGR-A-BCKG
	7	SgrA* UV cloud	MIRI Medium Resolution Spectroscopy	(1) NAME-SGR-A-UV-CLOUD
	8	SgrA* UV back	MIRI Medium Resolution Spectroscopy	(2) NAME-SGR-A-BCKG
	9	SgrA* UV cloud	MIRI Medium Resolution Spectroscopy	(1) NAME-SGR-A-UV-CLOUD
	10	SgrA* UV back	MIRI Medium Resolution Spectroscopy	(2) NAME-SGR-A-BCKG
	11	SgrA* UV cloud	MIRI Medium Resolution Spectroscopy	(1) NAME-SGR-A-UV-CLOUD
	12	SgrA* UV back	MIRI Medium Resolution Spectroscopy	(2) NAME-SGR-A-BCKG

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	21	SgrA* UV cloud Repeat of observation 1	MIRI Medium Resolution Spectroscopy	(1) NAME-SGR-A-UV-CLOUD
	22	SgrA* UV back Repeat of observation 2	MIRI Medium Resolution Spectroscopy	(2) NAME-SGR-A-BCKG
	23	SgrA* UV cloud Repeat of observaiton 5	MIRI Medium Resolution Spectroscopy	(1) NAME-SGR-A-UV-CLOUD
	24	SgrA* UV back Repeat of observation 6	MIRI Medium Resolution Spectroscopy	(2) NAME-SGR-A-BCKG
	25	SgrA* UV cloud Repeat of observation 9	MIRI Medium Resolution Spectroscopy	(1) NAME-SGR-A-UV-CLOUD
	26	SgrA* UV back Repeat of observation 10	MIRI Medium Resolution Spectroscopy	(2) NAME-SGR-A-BCKG
	27	SgrA* UV cloud Repeat of observation 12	MIRI Medium Resolution Spectroscopy	(1) NAME-SGR-A-UV-CLOUD
	28	SgrA* UV back Repeat of observation 12	MIRI Medium Resolution Spectroscopy	(2) NAME-SGR-A-BCKG
	33	SgrA* UV cloud Repeat of observation 3	MIRI Medium Resolution Spectroscopy	(3) NAME-SGR-A-UV-CLOUD-POS-2
	34	SgrA* UV back Repeat of observation 4	MIRI Medium Resolution Spectroscopy	(4) NAME-SGR-A-BCKG-POS-2
	37	SgrA* UV cloud Repeat of observation 7	MIRI Medium Resolution Spectroscopy	(3) NAME-SGR-A-UV-CLOUD-POS-2
	38	SgrA* UV back Repeat of observation 8	MIRI Medium Resolution Spectroscopy	(4) NAME-SGR-A-BCKG-POS-2

ABSTRACT

Flows in the accretion disks surrounding supermassive black holes are central to virtually all observations of these objects, as well as to the consequences they have on their environments. This topic is complex because accretion disks are three-dimensional, turbulent, frequently self-gravitating, and strongly influenced by magnetic fields. Furthermore, in nearly all cases the system is too distant for detailed study. Sgr A* provides a unique laboratory to study this process through detailed imaging of the effects of the black hole on its environment, given that it is orders of magnitude closer than any other example. We will answer a key question about models of the accretion disk around Sgr A*, namely whether purely thermal or hybrid thermal/nonthermal models are appropriate. This ambiguity arises because plasma instabilities can accelerate electrons and push the electron distribution function into a non-thermal state. Hybrid models predict UV fluxes 3 orders of magnitude higher in that case than pure thermal models. We will make a definitive test of this prediction using a very deep search for the [Ne VI] line, ionization potential 126 eV, at 7.64

microns. This result fills in a key aspect of the theory of the nearest, and best studied, super-massive black hole and its accretion disk.

OBSERVING DESCRIPTION

We will characterize the nature of the accretion disk around Sgr A* with mid-infrared IFU observations using the MIRI/MRS. Our goal is to observe the mid-IR emission line of [NeVI] at 7.64 m in a nearby gas cloud, which is excited by the strong UV emission of the thermal or non-thermal electron distribution within the black hole's accretion disk. The observed line-strength is directly set by the UV emission profile of the electron distribution function (eDF), therefore, we have a unique opportunity with JWST to understand the physics in the accretion disk of our Milky Way's central black hole.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NAME-SGR-A-UV-CLOUD	RA: 17 45 40.2500 (266.4177083d) Dec: -29 00 29.90 (-29.00831d) Equinox: J2000	Epoch of Position: 2000.0	
Comments: Our coordinates *Category=Star* *Description=[Black holes]* *Extended=YES*				
(2)	NAME-SGR-A-BCKG	RA: 17 45 40.3100 (266.4179583d) Dec: -29 00 36.20 (-29.01006d) Equinox: J2000	Epoch of Position: 2000.0	
Comments: Our coordinates *Category=Calibration* *Description=[Telescope/sky background]* *Extended=YES*				
(3)	NAME-SGR-A-UV-CLOUD-POS-2	RA: 17 45 40.1675 (266.4173646d) Dec: -29 00 31.98 (-29.00888d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	
Comments: *Category=Unidentified* *Description=[Infrared sources, X-ray sources]* *Extended=YES*				
(4)	NAME-SGR-A-BCKG-POS-2	RA: 17 45 39.9691 (266.4165379d) Dec: -29 00 35.81 (-29.00995d) Equinox: J2000	Epoch of Position: 2000.0	
Comments: Our coordinates *Category=Calibration* *Description=[Telescope/sky background]* *Extended=YES*				

Observation

Proposal 2075, Observation 1: SgrA* UV cloud Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[SgrA* UV back (Obs 2), SgrA* UV cloud (Obs 3), SgrA* UV back (Obs 4), SgrA* UV cloud (Obs 5), SgrA* UV back (Obs 6), SgrA* UV cloud (Obs 7), SgrA* UV back (Obs 8), SgrA* UV cloud (Obs 9), SgrA* UV back (Obs 10), SgrA* UV cloud (Obs 11), SgrA* UV back (Obs 12)]

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NAME-SGR-A-UV-CLOUD	RA: 17 45 40.2500 (266.4177083d) Dec: -29 00 29.90 (-29.00831d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Star
Description=[Black holes]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 2: SgrA* UV back Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [SgrA* UV cloud (Obs 1), SgrA* UV cloud (Obs 3), SgrA* UV cloud (Obs 5), SgrA* UV cloud (Obs 7), SgrA* UV cloud (Obs 9), SgrA* UV cloud (Obs 11)]

Diagnostics

(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NAME-SGR-A-BCKG	RA: 17 45 40.3100 (266.4179583d) Dec: -29 00 36.20 (-29.01006d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 3: SgrA* UV cloud Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[SgrA* UV cloud (Obs 1), SgrA* UV back (Obs 2), SgrA* UV back (Obs 4), SgrA* UV cloud (Obs 5), SgrA* UV back (Obs 6), SgrA* UV cloud (Obs 7), SgrA* UV back (Obs 8), SgrA* UV cloud (Obs 9), SgrA* UV back (Obs 10), SgrA* UV cloud (Obs 11), SgrA* UV back (Obs 12)]

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NAME-SGR-A-UV-CLOUD	RA: 17 45 40.2500 (266.4177083d) Dec: -29 00 29.90 (-29.00831d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Star
Description=[Black holes]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 4: SgrA* UV back Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [SgrA* UV cloud (Obs 1), SgrA* UV cloud (Obs 3), SgrA* UV cloud (Obs 5), SgrA* UV cloud (Obs 7), SgrA* UV cloud (Obs 9), SgrA* UV cloud (Obs 11)]

Diagnostics

(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NAME-SGR-A-BCKG	RA: 17 45 40.3100 (266.4179583d) Dec: -29 00 36.20 (-29.01006d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 5: SgrA* UV cloud Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[SgrA* UV cloud (Obs 1), SgrA* UV back (Obs 2), SgrA* UV cloud (Obs 3), SgrA* UV back (Obs 4), SgrA* UV back (Obs 6), SgrA* UV cloud (Obs 7), SgrA* UV back (Obs 8), SgrA* UV cloud (Obs 9), SgrA* UV back (Obs 10), SgrA* UV cloud (Obs 11), SgrA* UV back (Obs 12)]

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NAME-SGR-A-UV-CLOUD	RA: 17 45 40.2500 (266.4177083d) Dec: -29 00 29.90 (-29.00831d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Star
Description=[Black holes]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 6: SgrA* UV back Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [SgrA* UV cloud (Obs 1), SgrA* UV cloud (Obs 3), SgrA* UV cloud (Obs 5), SgrA* UV cloud (Obs 7), SgrA* UV cloud (Obs 9), SgrA* UV cloud (Obs 11)]

Diagnostics

(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NAME-SGR-A-BCKG	RA: 17 45 40.3100 (266.4179583d) Dec: -29 00 36.20 (-29.01006d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 7: SgrA* UV cloud Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[SgrA* UV cloud (Obs 1), SgrA* UV back (Obs 2), SgrA* UV cloud (Obs 3), SgrA* UV back (Obs 4), SgrA* UV cloud (Obs 5), SgrA* UV back (Obs 6), SgrA* UV back (Obs 8), SgrA* UV cloud (Obs 9), SgrA* UV back (Obs 10), SgrA* UV cloud (Obs 11), SgrA* UV back (Obs 12)]

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NAME-SGR-A-UV-CLOUD	RA: 17 45 40.2500 (266.4177083d) Dec: -29 00 29.90 (-29.00831d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Star
Description=[Black holes]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 8: SgrA* UV back Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [SgrA* UV cloud (Obs 1), SgrA* UV cloud (Obs 3), SgrA* UV cloud (Obs 5), SgrA* UV cloud (Obs 7), SgrA* UV cloud (Obs 9), SgrA* UV cloud (Obs 11)]

Diagnostics

(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NAME-SGR-A-BCKG	RA: 17 45 40.3100 (266.4179583d) Dec: -29 00 36.20 (-29.01006d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 9: SgrA* UV cloud Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[SgrA* UV cloud (Obs 1), SgrA* UV back (Obs 2), SgrA* UV cloud (Obs 3), SgrA* UV back (Obs 4), SgrA* UV cloud (Obs 5), SgrA* UV back (Obs 6), SgrA* UV cloud (Obs 7), SgrA* UV back (Obs 8), SgrA* UV back (Obs 10), SgrA* UV cloud (Obs 11), SgrA* UV back (Obs 12)]

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NAME-SGR-A-UV-CLOUD	RA: 17 45 40.2500 (266.4177083d) Dec: -29 00 29.90 (-29.00831d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Star
Description=[Black holes]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 10: SgrA* UV back Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [SgrA* UV cloud (Obs 1), SgrA* UV cloud (Obs 3), SgrA* UV cloud (Obs 5), SgrA* UV cloud (Obs 7), SgrA* UV cloud (Obs 9), SgrA* UV cloud (Obs 11)]

Diagnostics

(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NAME-SGR-A-BCKG	RA: 17 45 40.3100 (266.4179583d) Dec: -29 00 36.20 (-29.01006d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 11: SgrA* UV cloud Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[SgrA* UV cloud (Obs 1), SgrA* UV back (Obs 2), SgrA* UV cloud (Obs 3), SgrA* UV back (Obs 4), SgrA* UV cloud (Obs 5), SgrA* UV back (Obs 6), SgrA* UV cloud (Obs 7), SgrA* UV back (Obs 8), SgrA* UV cloud (Obs 9), SgrA* UV back (Obs 10), SgrA* UV back (Obs 12)]

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NAME-SGR-A-UV-CLOUD	RA: 17 45 40.2500 (266.4177083d) Dec: -29 00 29.90 (-29.00831d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Star
Description=[Black holes]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 12: SgrA* UV back Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [SgrA* UV cloud (Obs 1), SgrA* UV cloud (Obs 3), SgrA* UV cloud (Obs 5), SgrA* UV cloud (Obs 7), SgrA* UV cloud (Obs 9), SgrA* UV cloud (Obs 11)]

Diagnostics

(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NAME-SGR-A-BCKG	RA: 17 45 40.3100 (266.4179583d) Dec: -29 00 36.20 (-29.01006d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, Non-interruptible

Observation

Proposal 2075, Observation 21: SgrA* UV cloud Repeat of observation 1 Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[SgrA* UV back Repeat of observation 2 (Obs 22), SgrA* UV cloud Repeat of observaiton 5 (Obs 23), SgrA* UV back Repeat of observation 6 (Obs 24), SgrA* UV cloud Repeat of observation 9 (Obs 25), SgrA* UV back Repeat of observation 10 (Obs 26), SgrA* UV cloud Repeat of observation 12 (Obs 27), SgrA* UV back Repeat of observation 12 (Obs 28)]

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NAME-SGR-A-UV-CLOUD	RA: 17 45 40.2500 (266.4177083d) Dec: -29 00 29.90 (-29.00831d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Star
Description=[Black holes]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 21, 22, 23, 24, 25, 26, 27, 28, Non-interruptible

Observation

Proposal 2075, Observation 22: SgrA* UV back Repeat of observation 2 Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [SgrA* UV cloud Repeat of observation 1 (Obs 21), SgrA* UV cloud Repeat of observaiton 5 (Obs 23), SgrA* UV cloud Repeat of observation 9 (Obs 25), SgrA* UV cloud Repeat of observation 12 (Obs 27)]

Diagnostics

(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NAME-SGR-A-BCKG	RA: 17 45 40.3100 (266.4179583d) Dec: -29 00 36.20 (-29.01006d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 21, 22, 23, 24, 25, 26, 27, 28, Non-interruptible

Observation

Proposal 2075, Observation 23: SgrA* UV cloud Repeat of observaiton 5 Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[SgrA* UV cloud Repeat of observation 1 (Obs 21), SgrA* UV back Repeat of observation 2 (Obs 22), SgrA* UV back Repeat of observation 6 (Obs 24), SgrA* UV cloud Repeat of observation 9 (Obs 25), SgrA* UV back Repeat of observation 10 (Obs 26), SgrA* UV cloud Repeat of observation 12 (Obs 27), SgrA* UV back Repeat of observation 12 (Obs 28)]

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NAME-SGR-A-UV-CLOUD	RA: 17 45 40.2500 (266.4177083d) Dec: -29 00 29.90 (-29.00831d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Star
Description=[Black holes]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 21, 22, 23, 24, 25, 26, 27, 28, Non-interruptible

Observation

Proposal 2075, Observation 24: SgrA* UV back Repeat of observation 6 Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [SgrA* UV cloud Repeat of observation 1 (Obs 21), SgrA* UV cloud Repeat of observaiton 5 (Obs 23), SgrA* UV cloud Repeat of observation 9 (Obs 25), SgrA* UV cloud Repeat of observation 12 (Obs 27)]

Diagnostics

(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NAME-SGR-A-BCKG	RA: 17 45 40.3100 (266.4179583d) Dec: -29 00 36.20 (-29.01006d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 21, 22, 23, 24, 25, 26, 27, 28, Non-interruptible

Observation

Proposal 2075, Observation 25: SgrA* UV cloud Repeat of observation 9 Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[SgrA* UV cloud Repeat of observation 1 (Obs 21), SgrA* UV back Repeat of observation 2 (Obs 22), SgrA* UV cloud Repeat of observaiton 5 (Obs 23), SgrA* UV back Repeat of observation 6 (Obs 24), SgrA* UV back Repeat of observation 10 (Obs 26), SgrA* UV cloud Repeat of observation 12 (Obs 27), SgrA* UV back Repeat of observation 12 (Obs 28)]

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NAME-SGR-A-UV-CLOUD	RA: 17 45 40.2500 (266.4177083d) Dec: -29 00 29.90 (-29.00831d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Star
Description=[Black holes]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 21, 22, 23, 24, 25, 26, 27, 28, Non-interruptible

Observation

Proposal 2075, Observation 26: SgrA* UV back Repeat of observation 10 Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [SgrA* UV cloud Repeat of observation 1 (Obs 21), SgrA* UV cloud Repeat of observaiton 5 (Obs 23), SgrA* UV cloud Repeat of observation 9 (Obs 25), SgrA* UV cloud Repeat of observation 12 (Obs 27)]

Diagnostics

(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NAME-SGR-A-BCKG	RA: 17 45 40.3100 (266.4179583d) Dec: -29 00 36.20 (-29.01006d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 21, 22, 23, 24, 25, 26, 27, 28, Non-interruptible

Observation

Proposal 2075, Observation 27: SgrA* UV cloud Repeat of observation 12 Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[SgrA* UV cloud Repeat of observation 1 (Obs 21), SgrA* UV back Repeat of observation 2 (Obs 22), SgrA* UV cloud Repeat of observaiton 5 (Obs 23), SgrA* UV back Repeat of observation 6 (Obs 24), SgrA* UV cloud Repeat of observation 9 (Obs 25), SgrA* UV back Repeat of observation 10 (Obs 26), SgrA* UV back Repeat of observation 12 (Obs 28)]

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NAME-SGR-A-UV-CLOUD	RA: 17 45 40.2500 (266.4177083d) Dec: -29 00 29.90 (-29.00831d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Star
Description=[Black holes]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 21, 22, 23, 24, 25, 26, 27, 28, Non-interruptible

Observation

Proposal 2075, Observation 28: SgrA* UV back Repeat of observation 12

Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [SgrA* UV cloud Repeat of observation 1 (Obs 21), SgrA* UV cloud Repeat of observaiton 5 (Obs 23), SgrA* UV cloud Repeat of observation 9 (Obs 25), SgrA* UV cloud Repeat of observation 12 (Obs 27)]

Diagnostics

(Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NAME-SGR-A-BCKG	RA: 17 45 40.3100 (266.4179583d) Dec: -29 00 36.20 (-29.01006d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	NO	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 21, 22, 23, 24, 25, 26, 27, 28, Non-interruptible

Observation

Proposal 2075, Observation 33: SgrA* UV cloud Repeat of observation 3 Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 33:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	NAME-SGR-A-UV-CLOUD-POS-2	RA: 17 45 40.1675 (266.4173646d) Dec: -29 00 31.98 (-29.00888d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	

Comments:
Category=Unidentified
Description=[Infrared sources, X-ray sources]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	YES	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1		IMAGER	F560W	FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 33, 34, 37, 38, Non-interruptible

Observation

Proposal 2075, Observation 34: SgrA* UV back Repeat of observation 4

Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 34:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	NAME-SGR-A-BCKG-POS-2	RA: 17 45 39.9691 (266.4165379d) Dec: -29 00 35.81 (-29.00995d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	YES	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1		IMAGER	F560W	FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 33, 34, 37, 38, Non-interruptible

Observation

Proposal 2075, Observation 37: SgrA* UV cloud Repeat of observation 7 Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: To ensure that the background observations are carried out at the same thermal properties as the target, we request the observations to be executed in a non-interruptable sequence.

Diagnostics

(Visit 37:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	NAME-SGR-A-UV-CLOUD-POS-2	RA: 17 45 40.1675 (266.4173646d) Dec: -29 00 31.98 (-29.00888d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000.0	

Comments:
Category=Unidentified
Description=[Infrared sources, X-ray sources]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	YES	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1		IMAGER	F560W	FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 33, 34, 37, 38, Non-interruptible

Observation

Proposal 2075, Observation 38: SgrA* UV back Repeat of observation 8

Mon Jul 15 23:00:13 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 38:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	NAME-SGR-A-BCKG-POS-2	RA: 17 45 39.9691 (266.4165379d) Dec: -29 00 35.81 (-29.00995d) Equinox: J2000	Epoch of Position: 2000.0	

Comments: Our coordinates
Category=Calibration
Description=[Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 2	YES	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1		IMAGER	F560W	FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSLONG		FASTR1	5	28	1	Dither 1	4	112	1853.727	
1	SHORT(A)	MRSSHORT		FASTR1	22	8	1	Dither 1	4	32	2031.329	

Special Requirements	Sequence Observations 33, 34, 37, 38, Non-interruptible