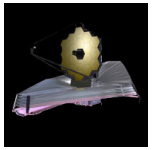

6616 - CAL-MIRI-311 MIRI Background Monitor

Cycle: 3, Proposal Category: CAL/MIRI

INVESTIGATORS

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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
Observation Folder				
	1	Month 1 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	2	Month 1 Background on Imager :F2550W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back
	3	Month 2 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	4	Month 2 Background on Imager: F2100W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back
	5	Month 3 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	6	Month 3 Background on Imager: F1800W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back
	7	Month 4 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	8	Month 4 Background on Imager: F2550W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	9	Month 5 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	10	Month 5 Background on Imager: F2100W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back
	11	Month 6 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	12	Month 6 Background on Imager: F1800W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back
Second Phase of MIRI Background Monitoring (First half of 2025)				
	14	Month 7 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	15	Month 7 Background on Imager :F2550W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back
	16	Month 8 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	17	Month 8 Background on Imager: F2100W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back
	18	Month 9 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	19	Month 9 Background on Imager: F1800W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back
	20	Month 10 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	21	Month 10 Background on Imager: F2550W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back
	22	Month 11 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	23	Month 11 Background on Imager: F2100W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back
	24	Month 12 Background on MRS	MIRI Medium Resolution Spectroscopy	(1) Clean_North_CVZ_MRS
	25	Month 12 Background on Imager: F1800W	MIRI Medium Resolution Spectroscopy	(2) Clean_North_CVZ_IMA_back

ABSTRACT

This program will measure both the Imager and MRS backgrounds at the same position in the sky on a monthly cadence for six months. Trending of the Imager background at longer wavelengths over nearly 2 years of Normal Operations shows variations in comparison with their measurements during Commissioning. Furthermore, a comparison between the MRS background at similar wavelength range with the Imager (F2550W) show a systematic difference, with MRS approximately 10% lower than the Imager. This program will provide observations in the long-wavelength Imager filters and the MRS needed to determine if a true trend exists.

This calibration program may change in response to system developments and the final Cycle 3 science program.

Update: The program was granted a 6month extension to complete a One year monitoring cycle. It has been updated on 4 Nov 2024.

OBSERVING DESCRIPTION

This version of the program will target a field near then northern CVZ. Previous versions used a target in the southern CVZ in the LMC, which is too complex of a field in the infrared for our purposes.

Each epoch includes one observation with the MRS in all three grating settings and the three long-wavelength Imaging filters in parallel and one observation in one imager filter and one MRS grating setting.

TIMING CONSTRAINTS

Observations will be obtained on a monthy cadence for the first six months of Cycle 3.

Update: The program has been granted 6 more months to complete one year of trending and monitoring the Background

Proposal 6616 - Targets - CAL-MIRI-311 MIRI Background Monitor

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	
Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars. *Category=Calibration* *Description=[Stray light test, Telescope/sky background]* *Extended=YES*				
(2)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	
Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars. *Category=Calibration* *Description=[Stray light test, Telescope/sky background]* *Extended=YES*				

Observation

Proposal 6616, Observation 1: Month 1 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 1 Background on Imager :F2550W (Obs 2)]

Diagnostics

(Month 1 Background on MRS (Obs 1)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(Month 1 Background on MRS (Obs 1)) Warning (Form): Imager Filter overlap.

(Month 1 Background on MRS (Obs 1)) Warning (Form): Imager Filter overlap.

(Month 1 Background on MRS (Obs 1)) Warning (Form): Imager Filter overlap.

(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)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-JUL-2024:00:00:00 and 30-JUL-2024:00:00:00 Sequence Observations 1, 2, Non-interruptible

Observation

Proposal 6616, Observation 2: Month 1 Background on Imager :F2550W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 1 Background on MRS (Obs 1)]

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)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-JUL-2024:00:00:00 and 30-JUL-2024:00:00:00 Sequence Observations 1, 2, Non-interruptible

Observation

Proposal 6616, Observation 3: Month 2 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 2 Background on Imager: F2100W (Obs 4)]

Diagnostics

(Month 2 Background on MRS (Obs 3)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(Month 2 Background on MRS (Obs 3)) Warning (Form): Imager Filter overlap.

(Month 2 Background on MRS (Obs 3)) Warning (Form): Imager Filter overlap.

(Month 2 Background on MRS (Obs 3)) Warning (Form): Imager Filter overlap.

(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)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-AUG-2024:00:00:00 and 30-AUG-2024:00:00:00 Sequence Observations 3, 4, Non-interruptible

Observation

Proposal 6616, Observation 4: Month 2 Background on Imager: F2100W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 2 Background on MRS (Obs 3)]

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)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-AUG-2024:00:00:00 and 30-AUG-2024:00:00:00 Sequence Observations 3, 4, Non-interruptible

Observation

Proposal 6616, Observation 5: Month 3 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 3 Background on Imager: F1800W (Obs 6)]

Diagnostics

(Month 3 Background on MRS (Obs 5)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(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)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Channel 4	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-SEP-2024:00:00:00 and 30-SEP-2024:00:00:00 Sequence Observations 5, 6, Non-interruptible

Observation

Proposal 6616, Observation 6: Month 3 Background on Imager: F1800W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 3 Background on MRS (Obs 5)]

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)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-SEP-2024:00:00:00 and 30-SEP-2024:00:00:00 Sequence Observations 5, 6, Non-interruptible

Observation

Proposal 6616, Observation 7: Month 4 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 4 Background on Imager: F2550W (Obs 8)]

Diagnostics

(Month 4 Background on MRS (Obs 7)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(Month 4 Background on MRS (Obs 7)) Warning (Form): Imager Filter overlap.

(Month 4 Background on MRS (Obs 7)) Warning (Form): Imager Filter overlap.

(Month 4 Background on MRS (Obs 7)) Warning (Form): Imager Filter overlap.

(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)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-OCT-2024:00:00:00 and 30-OCT-2024:00:00:00 Sequence Observations 7, 8, Non-interruptible

Observation

Proposal 6616, Observation 8: Month 4 Background on Imager: F2550W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 4 Background on MRS (Obs 7)]

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)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-OCT-2024:00:00:00 and 30-OCT-2024:00:00:00 Sequence Observations 7, 8, Non-interruptible

Observation

Proposal 6616, Observation 9: Month 5 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 5 Background on Imager: F2100W (Obs 10)]

Diagnostics

(Month 5 Background on MRS (Obs 9)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(Month 5 Background on MRS (Obs 9)) Warning (Form): Imager Filter overlap.

(Month 5 Background on MRS (Obs 9)) Warning (Form): Imager Filter overlap.

(Month 5 Background on MRS (Obs 9)) Warning (Form): Imager Filter overlap.

(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)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-NOV-2024:00:00:00 and 30-NOV-2024:00:00:00 Sequence Observations 9, 10, Non-interruptible

Observation

Proposal 6616, Observation 10: Month 5 Background on Imager: F2100W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 5 Background on MRS (Obs 9)]

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)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-NOV-2024:00:00:00 and 30-NOV-2024:00:00:00 Sequence Observations 9, 10, Non-interruptible

Observation

Proposal 6616, Observation 11: Month 6 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 6 Background on Imager: F1800W (Obs 12)]

Diagnostics

(Month 6 Background on MRS (Obs 11)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(Month 6 Background on MRS (Obs 11)) Warning (Form): Imager Filter overlap.

(Month 6 Background on MRS (Obs 11)) Warning (Form): Imager Filter overlap.

(Month 6 Background on MRS (Obs 11)) Warning (Form): Imager Filter overlap.

(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)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-DEC-2024:00:00:00 and 30-DEC-2024:00:00:00 Sequence Observations 11, 12, Non-interruptible

Observation

Proposal 6616, Observation 12: Month 6 Background on Imager: F1800W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 6 Background on MRS (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)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-DEC-2024:00:00:00 and 30-DEC-2024:00:00:00 Sequence Observations 11, 12, Non-interruptible

Observation

Proposal 6616, Observation 14: Month 7 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 7 Background on Imager :F2550W (Obs 15)]

Diagnostics

(Month 7 Background on MRS (Obs 14)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(Month 7 Background on MRS (Obs 14)) Warning (Form): Imager Filter overlap.

(Month 7 Background on MRS (Obs 14)) Warning (Form): Imager Filter overlap.

(Month 7 Background on MRS (Obs 14)) Warning (Form): Imager Filter overlap.

(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-JAN-2025:00:00:00 and 30-JAN-2025:00:00:00 Sequence Observations 14, 15, Non-interruptible

Observation

Proposal 6616, Observation 15: Month 7 Background on Imager :F2550W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 7 Background on MRS (Obs 14)]

Diagnostics

(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-JAN-2025:00:00:00 and 30-JAN-2025:00:00:00 Sequence Observations 14, 15, Non-interruptible

Observation

Proposal 6616, Observation 16: Month 8 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 8 Background on Imager: F2100W (Obs 17)]

Diagnostics

(Month 8 Background on MRS (Obs 16)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(Month 8 Background on MRS (Obs 16)) Warning (Form): Imager Filter overlap.

(Month 8 Background on MRS (Obs 16)) Warning (Form): Imager Filter overlap.

(Month 8 Background on MRS (Obs 16)) Warning (Form): Imager Filter overlap.

(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-FEB-2025:00:00:00 and 28-FEB-2025:00:00:00 Sequence Observations 16, 17, Non-interruptible

Observation

Proposal 6616, Observation 17: Month 8 Background on Imager: F2100W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 8 Background on MRS (Obs 16)]

Diagnostics

(Visit 17:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-FEB-2025:00:00:00 and 28-FEB-2025:00:00:00 Sequence Observations 16, 17, Non-interruptible

Observation

Proposal 6616, Observation 18: Month 9 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 9 Background on Imager: F1800W (Obs 19)]

Diagnostics

(Month 9 Background on MRS (Obs 18)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(Month 9 Background on MRS (Obs 18)) Warning (Form): Imager Filter overlap.

(Month 9 Background on MRS (Obs 18)) Warning (Form): Imager Filter overlap.

(Month 9 Background on MRS (Obs 18)) Warning (Form): Imager Filter overlap.

(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Proposal 6616 - Observation 18 - CAL-MIRI-311 MIRI Background Monitor

Special Requirements	
	Between Dates 01-MAR-2025:00:00:00 and 30-MAR-2025:00:00:00 Sequence Observations 18, 19, Non-interruptible

Observation

Proposal 6616, Observation 19: Month 9 Background on Imager: F1800W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 9 Background on MRS (Obs 18)]

Diagnostics

(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-MAR-2025:00:00:00 and 30-MAR-2025:00:00:00 Sequence Observations 18, 19, Non-interruptible

Observation

Proposal 6616, Observation 20: Month 10 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 10 Background on Imager: F2550W (Obs 21)]

Diagnostics

(Month 10 Background on MRS (Obs 20)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(Month 10 Background on MRS (Obs 20)) Warning (Form): Imager Filter overlap.

(Month 10 Background on MRS (Obs 20)) Warning (Form): Imager Filter overlap.

(Month 10 Background on MRS (Obs 20)) Warning (Form): Imager Filter overlap.

(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-APR-2025:00:00:00 and 30-APR-2025:00:00:00 Sequence Observations 20, 21, Non-interruptible

Observation

Proposal 6616, Observation 21: Month 10 Background on Imager: F2550W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 10 Background on MRS (Obs 20)]

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
(2)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-APR-2025:00:00:00 and 30-APR-2025:00:00:00 Sequence Observations 20, 21, Non-interruptible

Observation

Proposal 6616, Observation 22: Month 11 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 11 Background on Imager: F2100W (Obs 23)]

Diagnostics

(Month 11 Background on MRS (Obs 22)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(Month 11 Background on MRS (Obs 22)) Warning (Form): Imager Filter overlap.

(Month 11 Background on MRS (Obs 22)) Warning (Form): Imager Filter overlap.

(Month 11 Background on MRS (Obs 22)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-MAY-2025:00:00:00 and 30-MAY-2025:00:00:00 Sequence Observations 22, 23, Non-interruptible

Observation

Proposal 6616, Observation 23: Month 11 Background on Imager: F2100W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 11 Background on MRS (Obs 22)]

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
(2)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-MAY-2025:00:00:00 and 30-MAY-2025:00:00:00 Sequence Observations 22, 23, Non-interruptible

Observation

Proposal 6616, Observation 24: Month 12 Background on MRS Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Error

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[Month 12 Background on Imager: F1800W (Obs 25)]

Diagnostics

(Month 12 Background on MRS (Obs 24)) Error (Form): This target requires similar background exposures that are linked in a non-interruptible group/sequence.

(Month 12 Background on MRS (Obs 24)) Warning (Form): Imager Filter overlap.

(Month 12 Background on MRS (Obs 24)) Warning (Form): Imager Filter overlap.

(Month 12 Background on MRS (Obs 24)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	Clean_North_CVZ_MRS	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	SHORT(A)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
2		IMAGER	F2100W	FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	
3		IMAGER	F2550W	FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
3	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-JUN-2025:00:00:00 and 30-JUN-2025:00:00:00 Sequence Observations 24, 25, Non-interruptible

Observation

Proposal 6616, Observation 25: Month 12 Background on Imager: F1800W Mon Nov 04 22:00:10 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [Month 12 Background on MRS (Obs 24)]

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
(2)	Clean_North_CVZ_IMA_back	RA: 17 22 57.8600 (260.7410833d) Dec: +65 46 13.10 (65.77031d) Equinox: J2000	Epoch of Position: 2000	

Comments: This is a relatively clean field near the NEP, i.e. based on the PEARLS (PID 2738) NIRcam image at F444W, the pointing shows a minimum of galaxies and no stars.
Category=Calibration
Description=[Stray light test, Telescope/sky background]
Extended=YES

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	Imager	YES	FULL	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	BACKGROUND	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	F1800W	FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSLONG		FASTR1	120	1	1	Dither 1	2	2	666.01	
1	LONG(C)	MRSSHORT		FASTR1	120	1	1	Dither 1	2	2	666.01	

Special Requirements	
	Between Dates 01-JUN-2025:00:00:00 and 30-JUN-2025:00:00:00 Sequence Observations 24, 25, Non-interruptible