



8135 - CAL-MIRI-402 MIRI Internal Flat Monitor

Cycle: 4, Proposal Category: CAL/MIRI

INVESTIGATORS

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
Observation Folder				
	1	Month 1 flats	MIRI External Flat	(1) NAME-LMC
	2	Month 2 flats	MIRI External Flat	(1) NAME-LMC
	3	Month 3 flats	MIRI External Flat	(1) NAME-LMC
	4	Month 4 flats	MIRI External Flat	(1) NAME-LMC
	5	Month 5 flats	MIRI External Flat	(1) NAME-LMC
	6	Month 6 flats	MIRI External Flat	(1) NAME-LMC
	7	Month 7 flats	MIRI External Flat	(1) NAME-LMC
	8	Month 8 flats	MIRI External Flat	(1) NAME-LMC
	9	Month 9 flats	MIRI External Flat	(1) NAME-LMC
	10	Month 10 flats	MIRI External Flat	(1) NAME-LMC
	11	Month 11 flats	MIRI External Flat	(1) NAME-LMC

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	12	Month 12 flats	MIRI External Flat	(1) NAME-LMC

ABSTRACT

During the course of the JWST mission, small changes can be expected in the detector operating parameters (especially bias voltage and temperature). Additionally, space weathering from the cumulative impacts of cosmic rays will slowly degrade detector properties. As a result, the detector responsivities will change with time, making it imperative to monitor the MIRI detectors on a regular basis and have the data available to develop new flatfields when they are required. Periodic (monthly) measurements of the on-board calibration sources plus background sky will provide the following information: (1) tracking of trends and changes in the relative radiometric response of the imager and Medium Resolution Spectrometer (MRS) for the optical train between the calibration source and the detector, (2) when combined with measurements of photometric standard stars, the ability to derive the absolute radiometric response at all times and all points in the field of the imager and MRS, (3) the pixel flatfield (gain or responsivity matrix), (4) high signal-to-noise measurements of the MRS spectral fringes.

This calibration program may change in response to system developments and the final Cycle 4 science program.

OBSERVING DESCRIPTION

Observations will be obtained once per month.

Each observation consists of a sequence with the calibration lamps off, then on, targeting a field in the LMC, observing with both the MRS and imager simultaneously. The imager will use the F1000W, F2100W, and F2550W filters as the MRS observes in all 3 grating settings, which will provide additional monitoring data at the same monthly cadence. The MRS will alternate between 5-group and 20-group ramps to best match observations that have been obtained in prior cycles.

Observations are constrained to roughly the first 10 days of each month to ensure a close-to-monthly cadence through the 12 months of Cycle 3.

Proposal 8135 - Targets - CAL-MIRI-402 MIRI Internal Flat Monitor

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
	(1)	NAME-LMC	RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000	Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=Calibration Description=[External flat field]					

Proposal 8135 - Observation 1 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 1: Month 1 flats													Tue May 12 17:00:11 GMT 2026	
	Diagnostic Status: Warning														
	Observing Template: MIRI External Flat														
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-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
	Category=Calibration														
	Description=[External flat field]														
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction		
	PRIME		ALL		false		OFF THEN ON		1983		FULL		Allow Auto Reorder		
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23	
	1	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	1	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	2	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23	
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	3	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23	
	3	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	3	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	4	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23	
	4	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	4	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	5	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23	
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	6	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23	
	6	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	6	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	

Proposal 8135 - Observation 1 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-JUL-2025:00:00:00 and 10-JUL-2025:00:00:00 No Parallel Attachments
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Proposal 8135 - Observation 2 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 2: Month 2 flats													Tue May 12 17:00:11 GMT 2026	
	Diagnostic Status: Warning														
	Observing Template: MIRI External Flat														
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			
	(1)	NAME-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
	Category=Calibration Description=[External flat field]														
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction		
	PRIME		ALL		false		OFF THEN ON		1335		FULL		Allow Auto Reorder		
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	IMAGER			F2550W			FASTR1	20	2	1	1	2	113.777	
	1	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	1	1	2	113.777	
	1	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	1	1	2	113.777	
	2	IMAGER			F2100W			FASTR1	20	2	1	1	2	113.777	
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	1	1	2	113.777	
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	1	1	2	113.777	
	3	IMAGER			F1000W			FASTR1	20	2	1	1	2	113.777	
	3	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	1	1	2	113.777	
	3	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	1	1	2	113.777	
	4	IMAGER			F2550W			FASTR1	20	2	1	1	2	113.777	
	4	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	1	1	2	113.777	
	4	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	1	1	2	113.777	
	5	IMAGER			F2100W			FASTR1	20	2	1	1	2	113.777	
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	1	1	2	113.777	
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	1	1	2	113.777	
	6	IMAGER			F1000W			FASTR1	20	2	1	1	2	113.777	
	6	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	1	1	2	113.777	
	6	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	1	1	2	113.777	

Proposal 8135 - Observation 2 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-AUG-2025:00:00:00 and 10-AUG-2025:00:00:00 No Parallel Attachments
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Proposal 8135 - Observation 3 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 3: Month 3 flats													Tue May 12 17:00:11 GMT 2026	
	Diagnostic Status: Warning														
	Observing Template: MIRI External Flat														
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-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
	Category=Calibration														
	Description=[External flat field]														
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction		
	PRIME		ALL		false		OFF THEN ON		1983		FULL		Allow Auto Reorder		
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23	
	1	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	1	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	2	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23	
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	3	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23	
	3	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	3	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	4	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23	
	4	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	4	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	5	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23	
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	6	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23	
	6	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	6	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	

Proposal 8135 - Observation 3 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-SEP-2025:00:00:00 and 10-SEP-2025:00:00:00 No Parallel Attachments
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Proposal 8135 - Observation 4 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 4: Month 4 flats													Tue May 12 17:00:11 GMT 2026	
	Diagnostic Status: Warning														
	Observing Template: MIRI External Flat														
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			
	(1)	NAME-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
	Category=Calibration														
	Description=[External flat field]														
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction		
	PRIME		ALL		false		OFF THEN ON		1335		FULL		Allow Auto Reorder		
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	IMAGER			F2550W			FASTR1	20	2	1	1	2	113.777	
	1	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	1	1	2	113.777	
	1	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	1	1	2	113.777	
	2	IMAGER			F2100W			FASTR1	20	2	1	1	2	113.777	
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	1	1	2	113.777	
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	1	1	2	113.777	
	3	IMAGER			F1000W			FASTR1	20	2	1	1	2	113.777	
	3	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	1	1	2	113.777	
	3	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	1	1	2	113.777	
	4	IMAGER			F2550W			FASTR1	20	2	1	1	2	113.777	
	4	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	1	1	2	113.777	
	4	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	1	1	2	113.777	
	5	IMAGER			F2100W			FASTR1	20	2	1	1	2	113.777	
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	1	1	2	113.777	
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	1	1	2	113.777	
	6	IMAGER			F1000W			FASTR1	20	2	1	1	2	113.777	
	6	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	1	1	2	113.777	
	6	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	1	1	2	113.777	

Proposal 8135 - Observation 4 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-OCT-2025:00:00:00 and 10-OCT-2025:00:00:00 No Parallel Attachments
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Proposal 8135 - Observation 5 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 5: Month 5 flats													Tue May 12 17:00:11 GMT 2026	
	Diagnostic Status: Warning														
	Observing Template: MIRI External Flat														
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-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
	Category=Calibration														
	Description=[External flat field]														
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction		
	PRIME		ALL		false		OFF THEN ON		1983		FULL		Allow Auto Reorder		
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23	
	1	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	1	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	2	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23	
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	3	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23	
	3	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	3	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	4	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23	
	4	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	4	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	5	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23	
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	6	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23	
	6	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	6	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	

Proposal 8135 - Observation 5 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-NOV-2025:00:00:00 and 10-NOV-2025:00:00:00 No Parallel Attachments
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Proposal 8135 - Observation 6 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 6: Month 6 flats													Tue May 12 17:00:11 GMT 2026	
	Diagnostic Status: Warning														
	Observing Template: MIRI External Flat														
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			
	(1)	NAME-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
	Category=Calibration														
	Description=[External flat field]														
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction		
	PRIME		ALL		false		OFF THEN ON		1800		FULL		Disallow Auto Reorder		
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	IMAGER			F2550W			FASTR1	20	2	2	1	4	227.553	
	1	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	1	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	2	IMAGER			F2100W			FASTR1	20	2	2	1	4	227.553	
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	3	IMAGER			F1000W			FASTR1	20	2	2	1	4	227.553	
	3	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	3	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	4	IMAGER			F2550W			FASTR1	20	2	2	1	4	227.553	
	4	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	4	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	5	IMAGER			F2100W			FASTR1	20	2	2	1	4	227.553	
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	6	IMAGER			F1000W			FASTR1	20	2	2	1	4	227.553	
	6	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	6	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	

Proposal 8135 - Observation 6 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-DEC-2025:00:00:00 and 10-DEC-2025:00:00:00 No Parallel Attachments
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Proposal 8135 - Observation 7 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 7: Month 7 flats													Tue May 12 17:00:11 GMT 2026	
	Diagnostic Status: Warning														
	Observing Template: MIRI External Flat														
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-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
	Category=Calibration Description=[External flat field]														
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction		
	PRIME		ALL		false		OFF THEN ON		1983		FULL		Allow Auto Reorder		
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23	
	1	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	1	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	2	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23	
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	3	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23	
	3	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	3	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	4	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23	
	4	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	4	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	5	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23	
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	6	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23	
	6	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	6	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	

Proposal 8135 - Observation 7 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-JAN-2026:00:00:00 and 10-JAN-2026:00:00:00 No Parallel Attachments
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Proposal 8135 - Observation 8 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 8: Month 8 flats													Tue May 12 17:00:12 GMT 2026	
	Diagnostic Status: Warning														
	Observing Template: MIRI External Flat														
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			
	(1)	NAME-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
	Category=Calibration Description=[External flat field]														
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction		
	PRIME		ALL		false		OFF THEN ON		1800		FULL		Allow Auto Reorder		
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	IMAGER			F1000W			FASTR1	20	2	2	1	4	227.553	
	1	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	1	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	2	IMAGER			F2100W			FASTR1	20	2	2	1	4	227.553	
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	3	IMAGER			F2550W			FASTR1	20	2	2	1	4	227.553	
	3	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	3	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	4	IMAGER			F1000W			FASTR1	20	2	2	1	4	227.553	
	4	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	4	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	5	IMAGER			F2100W			FASTR1	20	2	2	1	4	227.553	
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	6	IMAGER			F2550W			FASTR1	20	2	2	1	4	227.553	
	6	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	6	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	

Proposal 8135 - Observation 8 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-FEB-2026:00:00:00 and 10-FEB-2026:00:00:00 No Parallel Attachments
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Proposal 8135 - Observation 9 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 9: Month 9 flats													Tue May 12 17:00:12 GMT 2026	
	Diagnostic Status: Warning														
	Observing Template: MIRI External Flat														
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-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
	Category=Calibration														
	Description=[External flat field]														
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction		
	PRIME		ALL		false		OFF THEN ON		1983		FULL		Allow Auto Reorder		
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23	
	1	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	1	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	2	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23	
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	3	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23	
	3	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	3	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	4	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23	
	4	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	4	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23	
	5	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23	
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23	
	6	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23	
	6	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	
	6	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23	

Proposal 8135 - Observation 9 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-MAR-2026:00:00:00 and 10-MAR-2026:00:00:00 No Parallel Attachments
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Proposal 8135 - Observation 10 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 10: Month 10 flats													Tue May 12 17:00:12 GMT 2026	
	Diagnostic Status: Warning														
	Observing Template: MIRI External Flat														
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			
	(1)	NAME-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
	Category=Calibration														
	Description=[External flat field]														
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction		
	PRIME		ALL		false		OFF THEN ON		1800		FULL		Allow Auto Reorder		
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	IMAGER			F2550W			FASTR1	20	2	2	1	4	227.553	
	1	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	1	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	2	IMAGER			F2100W			FASTR1	20	2	2	1	4	227.553	
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	3	IMAGER			F1000W			FASTR1	20	2	2	1	4	227.553	
	3	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	3	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	4	IMAGER			F2550W			FASTR1	20	2	2	1	4	227.553	
	4	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	4	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	5	IMAGER			F2100W			FASTR1	20	2	2	1	4	227.553	
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	6	IMAGER			F1000W			FASTR1	20	2	2	1	4	227.553	
	6	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	6	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	

Proposal 8135 - Observation 10 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-APR-2026:00:00:00 and 10-APR-2026:00:00:00 No Parallel Attachments
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Proposal 8135 - Observation 11 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 11: Month 11 flats														Tue May 12 17:00:12 GMT 2026	
	Diagnostic Status: Warning															
	Observing Template: MIRI External Flat															
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-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5								
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.															
	Category=Calibration Description=[External flat field]															
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction			
	PRIME		ALL		false		OFF THEN ON		1983		FULL		Allow Auto Reorder			
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23		
	1	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23		
	1	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23		
	2	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23		
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23		
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23		
	3	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23		
	3	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23		
	3	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23		
	4	IMAGER			F1000W			FASTR1	5	20	1	1	20	330.23		
	4	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23		
	4	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	5	20	1	1	20	330.23		
	5	IMAGER			F2100W			FASTR1	5	20	1	1	20	330.23		
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23		
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	5	20	1	1	20	330.23		
	6	IMAGER			F2550W			FASTR1	5	20	1	1	20	330.23		
	6	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23		
	6	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	5	20	1	1	20	330.23		

Proposal 8135 - Observation 11 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-MAY-2026:00:00:00 and 10-MAY-2026:00:00:00 No Parallel Attachments
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Proposal 8135 - Observation 12 - CAL-MIRI-402 MIRI Internal Flat Monitor

Observation	Proposal 8135, Observation 12: Month 12 flats													Tue May 12 17:00:12 GMT 2026	
	Diagnostic Status: Warning														
	Observing Template: MIRI External Flat														
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			
	(1)	NAME-LMC		RA: 05 23 34.6000 (80.8941667d) Dec: -69 45 22.00 (-69.75611d) Equinox: J2000				Proper Motion RA: 3.679973456416861E-4 sec of time/yr Proper Motion Dec: 2.29E-4 arcsec/yr Epoch of Position: 2015.5							
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.														
	Category=Calibration														
	Description=[External flat field]														
Template	Pointing Type		Detector		Dither		Lamp Use		Lamp On Time		Imager Subarray		Grating Wheel Direction		
	PRIME		ALL		false		OFF THEN ON		1800		FULL		Allow Auto Reorder		
Spectral Elements	#	Detector		MRS Subarray	Filter	Wavelength 1 & 4	Wavelength 2 & 3	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
	1	IMAGER			F2550W			FASTR1	20	2	2	1	4	227.553	
	1	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	1	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	2	IMAGER			F2100W			FASTR1	20	2	2	1	4	227.553	
	2	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	2	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	3	IMAGER			F1000W			FASTR1	20	2	2	1	4	227.553	
	3	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	3	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	4	IMAGER			F2550W			FASTR1	20	2	2	1	4	227.553	
	4	MRSLONG	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	4	MRSSHORT	FULL			LONG(C)	LONG(C)	FASTR1	20	2	2	1	4	227.553	
	5	IMAGER			F2100W			FASTR1	20	2	2	1	4	227.553	
	5	MRSLONG	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	5	MRSSHORT	FULL			MEDIUM(B)	MEDIUM(B)	FASTR1	20	2	2	1	4	227.553	
	6	IMAGER			F1000W			FASTR1	20	2	2	1	4	227.553	
	6	MRSLONG	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	
	6	MRSSHORT	FULL			SHORT(A)	SHORT(A)	FASTR1	20	2	2	1	4	227.553	

Proposal 8135 - Observation 12 - CAL-MIRI-402 MIRI Internal Flat Monitor

Special Requirements	Between Dates 01-JUN-2026:00:00:00 and 10-JUN-2026:00:00:00 No Parallel Attachments
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