



# 1290 - MIRI EC Protostars Survey

Cycle: 1, Proposal Category: GTO

## 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				
	6	IRAS4B	MIRI Medium Resolution Spectroscopy	(1) IRAS4B
	7	IRAS4B-b1	MIRI Medium Resolution Spectroscopy	(2) IRAS4B-B1
	8	IRAS4A-b1	MIRI Medium Resolution Spectroscopy	(3) IRAS4A-B1
	5	B1a	MIRI Medium Resolution Spectroscopy	(4) B1A
	2	B1b	MIRI Medium Resolution Spectroscopy	(5) B1B
	3	B1c-1	MIRI Medium Resolution Spectroscopy	(8) B1C
	1	B1b-S	MIRI Medium Resolution Spectroscopy	(7) B1B-S
	4	B1c-2	MIRI Medium Resolution Spectroscopy	(9) B1C-B1
	9	L1448mm	MIRI Medium Resolution Spectroscopy	(10) L1448MM

JWST Proposal 1290 (Created: Tuesday, September 5, 2023 at 5:00:48 PM Eastern Standard Time) - Overview

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	10	Emb-8	MIRI Medium Resolution Spectroscopy	(11) PER-EMB-8
	12	L1527-1	MIRI Medium Resolution Spectroscopy	(13) L1527
	13	L1527-2	MIRI Medium Resolution Spectroscopy	(14) L1527-B1
	15	TMC1	MIRI Medium Resolution Spectroscopy	(15) TMC1
	14	TMC1A	MIRI Medium Resolution Spectroscopy	(16) TMC1A
	11	Dark-Taurus	MIRI Medium Resolution Spectroscopy	(17) DARK-TAU
	22	SerpSMM1-1	MIRI Medium Resolution Spectroscopy	(18) SER-SMM1A
	21	SerpSMM1-2	MIRI Medium Resolution Spectroscopy	(19) SER-SMM1B
	20	SerpS68N	MIRI Medium Resolution Spectroscopy	(20) SER-S68N
	19	SerpEmb8N	MIRI Medium Resolution Spectroscopy	(21) SER-EMB-8N
	18	SerpSMM3	MIRI Medium Resolution Spectroscopy	(22) SER-SMM3
	17	SVS4-5	MIRI Medium Resolution Spectroscopy	(38) SVS4-5
	16	Dark-Serpens	MIRI Medium Resolution Spectroscopy	(23) DARK-SER
	25	BHR71-IRS1	MIRI Medium Resolution Spectroscopy	(24) BHR71-IRS1
	24	BHR71-IRS2	MIRI Medium Resolution Spectroscopy	(39) BHR71-IRS2
	23	DARK-BHR71	MIRI Medium Resolution Spectroscopy	(25) DARK-BHR71
	27	G31.41+0.31	MIRI Medium Resolution Spectroscopy	(26) G31.41+0.31
	26	Dark-G31	MIRI Medium Resolution Spectroscopy	(27) DARK-G31
	30	IRAS18089	MIRI Medium Resolution Spectroscopy	(28) IRAS18089
	29	IRAS18089-B1	MIRI Medium Resolution Spectroscopy	(36) IRAS18089-B1
	28	Dark-IRAS18089	MIRI Medium Resolution Spectroscopy	(29) DARK-IRAS18089
	80	IRAS18089	MIRI Medium Resolution Spectroscopy	(42) IRAS18089-copy
	79	IRAS18089-B1	MIRI Medium Resolution Spectroscopy	(41) IRAS18089-B1-copy
	78	Dark-IRAS18089	MIRI Medium Resolution Spectroscopy	(40) DARK-IRAS18089-copy
	32	IRAS23385	MIRI Medium Resolution Spectroscopy	(30) IRAS23385
	31	Dark-IRAS23385	MIRI Medium Resolution Spectroscopy	(31) DARK-IRAS23385
	36	G28P1	MIRI Medium Resolution Spectroscopy	(32) G28P1
	35	G28IRS2	MIRI Medium Resolution Spectroscopy	(33) G28IRS2
	34	G28S	MIRI Medium Resolution Spectroscopy	(34) G28S
	33	Dark-G28	MIRI Medium Resolution Spectroscopy	(35) DARK-G28
	37	B1-c NIRSPEC	NIRSpec IFU Spectroscopy	(37) B1C-NIRSPEC

## **ABSTRACT**

The embedded protostellar phase of star formation, which occurs for a few times  $10^5$  years after collapse of the parent cloud, is a critical period in the evolution of a young star: during this phase the final mass of the star, the initial chemical composition (ices, gases) of the disk, its size and mass, and thus its ability to form planets, are determined. At the same time, jets and winds from the stardisk system drive outflows that disperse the natal envelope. Many physical processes occur simultaneously in the immediate surroundings of the protostar: infall of the collapsing envelope onto the disk and accretion onto the star, outflows sweeping up and shocking material, and UV photons heating, dissociating and ionizing the gas. Because of the large extinction, these processes can only be investigated using midIR to mm wavelengths. Both the physics and chemistry of the protostellar structure (stardiskenvelopejet) can be probed through unique midIR diagnostic features, namely narrow gaseous atomic (e.g., [S I], [Ne II], [Ne III], [Fe I], [Fe II], HI) and molecular (e.g., H<sub>2</sub>, HD, OH, H<sub>2</sub>O, CO<sub>2</sub>, CH<sub>4</sub>, C<sub>2</sub>H<sub>2</sub>, HCN) lines, as well as broad bands of ices (simple and more complex species), PAHs and silicates. WRIGHT\_4001-4037

## **OBSERVING DESCRIPTION**

The bulk of the proposed observations use 600 sec integration time per setting which is sufficient to detect and image the emission features from the protostellar system and outflow. For selected protostars we use 3000 sec integration time, in order to obtain high S/N ice features. Two dithers and all three spectral set-ups are selected to cover the full MIRI wavelength range. For two sources 4-dither pattern is used. Dither strategy is Extended, ALL which may be adjusted in the future as dithers are better understood. Small mosaics ranging from 1x1 to 3x3 MRS tiles are used, depending on source. The mosaics are placed to cover the blue part of the outflow; hence the center of the tile does not always correspond with the source position but can be offset by a few arcsec.

A single background MRS tile labelled 'dark' or 'background' is added to each group of sources to characterize the instrument and background at the time of observations. Science observations are linked with background observation within non-interruptible and sequenced observations. For one ice rich source, B1c, a NIRSPECIFU spectrum has been added to cover ices at shorter wavelengths.

# Proposal 1290 - Targets - MIRI EC Protostars Survey

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	
(1)	IRAS4B	RA: 03 29 12.0120 (52.3000500d) Dec: +31 13 7.07 (31.21863d) Equinox: J2000			
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES					
(2)	IRAS4B-B1	RA: 03 29 12.0400 (52.3001667d) Dec: +31 13 1.35 (31.21704d) Equinox: J2000			
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES					
(3)	IRAS4A-B1	RA: 03 29 10.5950 (52.2941458d) Dec: +31 13 19.40 (31.22206d) Equinox: J2000			
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES					
Fixed Targets	(4)	B1A	RA: 03 33 16.6690 (53.3194542d) Dec: +31 07 54.90 (31.13192d) Equinox: J2000		
	<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES				
	(5)	B1B	RA: 03 33 20.3410 (53.3347542d) Dec: +31 07 21.36 (31.12260d) Equinox: J2000		
	<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES				
	(7)	B1B-S	RA: 03 33 21.3550 (53.3389792d) Dec: +31 07 26.37 (31.12399d) Equinox: J2000		
	<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES				
	(8)	B1C	RA: 03 33 17.9530 (53.3248042d) Dec: +31 09 31.49 (31.15875d) Equinox: J2000		
	<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES				

## Proposal 1290 - Targets - MIRI EC Protostars Survey

(9)	B1C-B1	RA: 03 33 18.2110 (53.3258792d) Dec: +31 09 28.63 (31.15795d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(10)	L1448MM	RA: 03 25 38.7610 (51.4115042d) Dec: +30 44 8.16 (30.73560d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(11)	PER-EMB-8	RA: 03 44 43.9820 (56.1832583d) Dec: +32 01 35.21 (32.02645d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(13)	L1527	RA: 04 39 53.9550 (69.9748125d) Dec: +26 03 9.56 (26.05266d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(14)	L1527-B1	RA: 04 39 54.2450 (69.9760208d) Dec: +26 03 11.67 (26.05324d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(15)	TMC1	RA: 04 41 12.7000 (70.3029167d) Dec: +25 46 34.80 (25.77633d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(16)	TMC1A	RA: 04 39 35.2030 (69.8966792d) Dec: +25 41 45.17 (25.69588d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		

## Proposal 1290 - Targets - MIRI EC Protostars Survey

(17)	DARK-TAU	RA: 04 39 32.2900 (69.8845417d) Dec: +26 05 14.50 (26.08736d) Equinox: J2000
<i>Comments:</i> Category=Calibration Description=[Telescope/sky background]		
(18)	SER-SMM1A	RA: 18 29 49.8740 (277.4578083d) Dec: +01 15 19.79 (1.25550d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(19)	SER-SMM1B	RA: 18 29 49.6020 (277.4566750d) Dec: +01 15 21.90 (1.25608d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(20)	SER-S68N	RA: 18 29 48.0740 (277.4503083d) Dec: +01 16 43.80 (1.27883d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(21)	SER-EMB-8N	RA: 18 29 49.2689 (277.4552871d) Dec: +01 16 52.62 (1.28128d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(22)	SER-SMM3	RA: 18 29 59.3020 (277.4970917d) Dec: +01 14 0.97 (1.23360d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(23)	DARK-SER	RA: 18 29 48.2500 (277.4510417d) Dec: +01 14 26.20 (1.24061d) Equinox: J2000
<i>Comments:</i> Category=Calibration Description=[Telescope/sky background]		

## Proposal 1290 - Targets - MIRI EC Protostars Survey

(24)	BHR71-IRS1	RA: 12 01 36.5480 (180.4022833d) Dec: -65 08 53.59 (-65.14822d) Equinox: J2000
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>		
(25)	DARK-BHR71	RA: 12 01 30.7200 (180.3780000d) Dec: -65 08 44.60 (-65.14572d) Equinox: J2000
<i>Comments:</i> <i>Category=Calibration</i> <i>Description=[Telescope/sky background]</i> <i>Extended=NO</i>		
(26)	G31.41+0.31	RA: 18 47 34.3170 (281.8929875d) Dec: -01 12 46.00 (-1.21278d) Equinox: J2000
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>		
(27)	DARK-G31	RA: 18 47 32.4000 (281.8850000d) Dec: -01 13 44.35 (-1.22899d) Equinox: J2000
<i>Comments:</i> <i>Category=Calibration</i> <i>Description=[Telescope/sky background]</i> <i>Extended=YES</i>		
(28)	IRAS18089	RA: 18 11 51.4590 (272.9644125d) Dec: -17 31 28.84 (-17.52468d) Equinox: J2000
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>		
(29)	DARK-IRAS18089	RA: 18 11 45.1700 (272.9382083d) Dec: -17 31 24.33 (-17.52342d) Equinox: J2000
<i>Comments:</i> <i>Category=Calibration</i> <i>Description=[Telescope/sky background]</i> <i>Extended=YES</i>		
(30)	IRAS23385	RA: 23 40 54.4820 (355.2270083d) Dec: +61 10 27.92 (61.17442d) Equinox: J2000
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>		

## Proposal 1290 - Targets - MIRI EC Protostars Survey

(31)	DARK-IRAS23385	RA: 23 41 11.0200 (355.2959167d) Dec: +61 10 29.00 (61.17472d) Equinox: J2000
<i>Comments:</i> <i>Category=Calibration</i> <i>Description=[Telescope/sky background]</i> <i>Extended=YES</i>		
(32)	G28P1	RA: 18 42 50.7000 (280.7112500d) Dec: -04 03 14.10 (-4.05392d) Equinox: J2000
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>		
(33)	G28IRS2	RA: 18 42 51.9800 (280.7165833d) Dec: -03 59 54.00 (-3.99833d) Equinox: J2000
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>		
(34)	G28S	RA: 18 42 46.4350 (280.6934792d) Dec: -04 04 15.40 (-4.07094d) Equinox: J2000
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>		
(35)	DARK-G28	RA: 18 42 52.7800 (280.7199167d) Dec: -04 02 14.50 (-4.03736d) Equinox: J2000
<i>Comments:</i> <i>Category=Calibration</i> <i>Description=[Telescope/sky background]</i> <i>Extended=YES</i>		
(36)	IRAS18089-B1	RA: 18 11 51.4590 (272.9644125d) Dec: -17 31 25.84 (-17.52384d) Equinox: J2000
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>		
(37)	B1C-NIRSPEC	RA: 03 33 17.8770 (53.3244875d) Dec: +31 09 31.82 (31.15884d) Equinox: J2000
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>		

## Proposal 1290 - Targets - MIRI EC Protostars Survey

(38)	SVS4-5	RA: 18 29 57.6300 (277.4901250d) Dec: +01 13 0.20 (1.21672d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(39)	BHR71-IRS2	RA: 12 01 34.0000 (180.3916667d) Dec: -65 08 47.00 (-65.14639d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(40)	DARK-IRAS18089-copy	RA: 18 11 44.1236 (272.9338483d) Dec: -17 31 3.10 (-17.51753d) Equinox: J2000
<i>Comments:</i> Category=Calibration Description=[Telescope/sky background] Extended=YES		
(41)	IRAS18089-B1-copy	RA: 18 11 51.4590 (272.9644125d) Dec: -17 31 25.84 (-17.52384d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		
(42)	IRAS18089-copy	RA: 18 11 51.4590 (272.9644125d) Dec: -17 31 28.84 (-17.52468d) Equinox: J2000
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES		

Proposal 1290 - Observation 6 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 6: IRAS4B</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[B1b-S (Obs 1)]												
	(IRAS4B (Obs 6)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>				<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>			
	(1)	IRAS4B	RA: 03 29 12.0120 (52.3000500d) Dec: +31 13 7.07 (31.21863d) Equinox: J2000  <i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>										
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			NO			FULL		NEUTRAL			
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>				<b>Optimized For</b>				<b>Direction</b>			
	1	2-Point				EXTENDED SOURCE				NEGATIVE			
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Exposures/Dith</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 6 - MIRI EC Protostars Survey

Special Requirements

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

Proposal 1290 - Observation 7 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 7: IRAS4B-b1</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[B1b-S (Obs 1)]												
	(IRAS4B-b1 (Obs 7)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>				<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>			
	(2)	IRAS4B-B1	RA: 03 29 12.0400 (52.3001667d) Dec: +31 13 1.35 (31.21704d) Equinox: J2000										
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			NO			FULL		NEUTRAL			
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>				<b>Optimized For</b>				<b>Direction</b>			
	1	2-Point				EXTENDED SOURCE				NEGATIVE			
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/E xp</b>	<b>Exposures/Dit h</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 7 - MIRI EC Protostars Survey

Special Requirements

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

Proposal 1290 - Observation 8 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 8: IRAS4A-b1</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[B1b-S (Obs 1)]												
	(IRAS4A-b1 (Obs 8)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>				<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>			
	(3)	IRAS4A-B1	RA: 03 29 10.5950 (52.2941458d) Dec: +31 13 19.40 (31.22206d) Equinox: J2000										
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			NO			FULL		NEUTRAL			
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>				<b>Optimized For</b>				<b>Direction</b>			
	1	2-Point				EXTENDED SOURCE				NEGATIVE			
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/E xp</b>	<b>Exposures/Dit h</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 8 - MIRI EC Protostars Survey

Special Requirements

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

Proposal 1290 - Observation 5 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 5: B1a</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[B1b-S (Obs 1)]																																																																																																																																													
	(B1a (Obs 5)) Warning (Form): Imager Filter overlap. (B1a (Obs 5)) Warning (Form): Imager Filter overlap. (B1a (Obs 5)) Warning (Form): Imager Filter overlap. (Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																																																																																													
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	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																																																																		
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	3		IMAGER	F1500W	FASTR1	8	4	1	Dither 1	2	8	194.253																																																																																																																																		
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Proposal 1290 - Observation 5 - MIRI EC Protostars Survey

Special Requirements

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

Proposal 1290 - Observation 2 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 2: B1b</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[B1b-S (Obs 1)]												
	(B1b (Obs 2)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>				<b>Miscellaneous</b>				
	(5)	B1B	RA: 03 33 20.3410 (53.3347542d) Dec: +31 07 21.36 (31.12260d) Equinox: J2000										
Comments: Category=Star Description=[Protostars] Extended=YES													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			NO			FULL		NEUTRAL			
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>			<b>Optimized For</b>				<b>Direction</b>				
	1	2-Point			EXTENDED SOURCE				NEGATIVE				
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/E xp</b>	<b>Exposures/Dit h</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 2 - MIRI EC Protostars Survey

Special Requirements

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

Proposal 1290 - Observation 3 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 3: B1c-1</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[B1b-S (Obs 1)]												
<b>Diagnostics</b>	(B1c-1 (Obs 3)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 3:1) Warning (Form): Data Excess over lower threshold (Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	#	Name	Target Coordinates		Targ. Coord. Corrections				Miscellaneous				
(8)	B1C	RA: 03 33 17.9530 (53.3248042d) Dec: +31 09 31.49 (31.15875d) Equinox: J2000											
Comments: Category=Star Description=[Protostars] Extended=YES													
<b>Acquisition</b>	#	Target											
1	NONE												
<b>Template</b>	AcqFilter	Primary Channel		Simultaneous Imaging		Imager Subarray		Grating Wheel Direction					
F1500W	All MRS		NO		FULL		NEUTRAL						
<b>Dithers</b>	#	Dither Type		Optimized For				Direction					
1	4-Point		EXTENDED SOURCE				NEGATIVE						
<b>Spectral Elements</b>	#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int xp	Integrations/E h	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SHORT(A)	MRSLONG		FASTR1	90	2	1		Dither 1	4	8	2009.129	
1	SHORT(A)	MRSSHORT		FASTR1	90	2	1		Dither 1	4	8	2009.129	
2	MEDIUM(B)	MRSLONG		FASTR1	90	4	1		Dither 1	4	16	4029.358	
2	MEDIUM(B)	MRSSHORT		FASTR1	90	4	1		Dither 1	4	16	4029.358	
3	LONG(C)	MRSLONG		FASTR1	90	2	1		Dither 1	4	8	2009.129	
3	LONG(C)	MRSSHORT		FASTR1	90	2	1		Dither 1	4	8	2009.129	

Proposal 1290 - Observation 3 - MIRI EC Protostars Survey

Special Requirements

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

Proposal 1290 - Observation 1 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 1: B1b-S</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [B1b (Obs 2), B1c-1 (Obs 3), B1c-2 (Obs 4), B1a (Obs 5), IRAS4B (Obs 6), IRAS4B-b1 (Obs 7), IRAS4A-b1 (Obs 8), L1448mm (Obs 9), Emb-8 (Obs 10)]																																																																																																																																													
<b>Diagnostics</b>	(B1b-S (Obs 1)) Warning (Form): Imager Filter overlap. (B1b-S (Obs 1)) Warning (Form): Imager Filter overlap. (B1b-S (Obs 1)) Warning (Form): Imager Filter overlap. (Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																																																																																													
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Proposal 1290 - Observation 1 - MIRI EC Protostars Survey

Special Requirements

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

Proposal 1290 - Observation 4 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 4: B1c-2</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[B1b-S (Obs 1)]												
	(B1c-2 (Obs 4)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	#	Name	Target Coordinates		Targ. Coord. Corrections				Miscellaneous				
	(9)	B1C-B1	RA: 03 33 18.2110 (53.3258792d) Dec: +31 09 28.63 (31.15795d) Equinox: J2000										
Comments: Category=Star Description=[Protostars] Extended=YES													
<b>Acquisition</b>	#	Target											
	1	NONE											
<b>Template</b>	AcqFilter	Primary Channel			Simultaneous Imaging			Imager Subarray		Grating Wheel Direction			
	F1500W	All MRS			NO			FULL		NEUTRAL			
<b>Dithers</b>	#	Dither Type			Optimized For				Direction				
	1	2-Point			EXTENDED SOURCE				NEGATIVE				
<b>Spectral Elements</b>	#	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	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 4 - MIRI EC Protostars Survey

Special Requirements

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

Proposal 1290 - Observation 9 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 9: L1448mm</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[B1b-S (Obs 1)]												
	(L1448mm (Obs 9)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>				<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>			
	(10)	L1448MM	RA: 03 25 38.7610 (51.4115042d) Dec: +30 44 8.16 (30.73560d) Equinox: J2000										
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			NO			FULL		NEUTRAL			
<b>Mosaic</b>	<b>Rows</b>	<b>Columns</b>	<b>Row Overlap %</b>	<b>Column Overlap %</b>	<b>Row shift (deg)</b>	<b>Column shift (deg)</b>	<b>Tile Order</b>						
	2	3	10.0	10.0	0.0	0.0	DEFAULT						
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>				<b>Optimized For</b>			<b>Direction</b>				
	1	2-Point				EXTENDED SOURCE			NEGATIVE				
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/E xp</b>	<b>Exposures/Dit h</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 9 - MIRI EC Protostars Survey

Special Requirements

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

Proposal 1290 - Observation 10 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<p><b>Proposal 1290, Observation 10: Emb-8</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: MIRI Medium Resolution Spectroscopy</p> <p>Background Observations:[B1b-S (Obs 1)]</p>																																																																																																																																													
<b>Diagnostics</b>	<p>(Emb-8 (Obs 10)) Warning (Form): Imager Filter overlap.</p> <p>(Emb-8 (Obs 10)) Warning (Form): Imager Filter overlap.</p> <p>(Emb-8 (Obs 10)) Warning (Form): Imager Filter overlap.</p> <p>(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																																																																																																																																													
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<b>Acquisition</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> </tr> </tbody> </table>												#	Target	1	NONE																																																																																																																														
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Proposal 1290 - Observation 10 - MIRI EC Protostars Survey

Special Requirements

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

Proposal 1290 - Observation 12 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 12: L1527-1</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-Taurus (Obs 11)]																																																																																																																																													
	(L1527-1 (Obs 12)) Warning (Form): Imager Filter overlap. (L1527-1 (Obs 12)) Warning (Form): Imager Filter overlap. (L1527-1 (Obs 12)) Warning (Form): Imager Filter overlap. (Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																																																																																													
<b>Diagnosics</b>																																																																																																																																														
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Proposal 1290 - Observation 12 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 11, 12, 13, 14, 15, Non-interruptible

Proposal 1290 - Observation 13 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 13: L1527-2</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-Taurus (Obs 11)]												
	(L1527-2 (Obs 13)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>				<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>			
	(14)	L1527-B1	RA: 04 39 54.2450 (69.9760208d) Dec: +26 03 11.67 (26.05324d) Equinox: J2000										
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			NO			FULL		NEUTRAL			
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>				<b>Optimized For</b>				<b>Direction</b>			
	1	2-Point				EXTENDED SOURCE				NEGATIVE			
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/E xp</b>	<b>Exposures/Dit h</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 13 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 11, 12, 13, 14, 15, Non-interruptible

Proposal 1290 - Observation 15 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 15: TMC1</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-Taurus (Obs 11)]																																																																																																																																													
	(TMC1 (Obs 15)) Warning (Form): Imager Filter overlap. (TMC1 (Obs 15)) Warning (Form): Imager Filter overlap. (TMC1 (Obs 15)) Warning (Form): Imager Filter overlap. (Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																																																																																													
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Proposal 1290 - Observation 15 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 11, 12, 13, 14, 15, Non-interruptible

Proposal 1290 - Observation 14 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<p><b>Proposal 1290, Observation 14: TMC1A</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: MIRI Medium Resolution Spectroscopy</p> <p>Background Observations:[Dark-Taurus (Obs 11)]</p>																																																																																																																																													
<b>Diagnostics</b>	<p>(TMC1A (Obs 14)) Warning (Form): Imager Filter overlap.</p> <p>(TMC1A (Obs 14)) Warning (Form): Imager Filter overlap.</p> <p>(TMC1A (Obs 14)) Warning (Form): Imager Filter overlap.</p> <p>(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																																																																																																																																													
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Proposal 1290 - Observation 14 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 11, 12, 13, 14, 15, Non-interruptible

Proposal 1290 - Observation 11 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

Observation	<b>Proposal 1290, Observation 11: Dark-Taurus</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [L1527-1 (Obs 12), L1527-2 (Obs 13), TMC1A (Obs 14), TMC1 (Obs 15)]												
	(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous			
	(17)	DARK-TAU	RA: 04 39 32.2900 (69.8845417d) Dec: +26 05 14.50 (26.08736d) Equinox: J2000  <i>Comments:</i> <i>Category=Calibration</i> <i>Description=[Telescope/sky background]</i>										
Acquisition	#	Target											
	1	NONE											
Template	AcqFilter	Primary Channel			Simultaneous Imaging			Imager Subarray		Grating Wheel Direction			
	F1500W	All MRS			YES			FULL		NEUTRAL			
Dithers	#	Dither Type				Optimized For				Direction			
	1	4-Point				EXTENDED SOURCE				NEGATIVE			
Spectral Elements	#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/E xp	Exposures/Dit h	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	1	LONG(C)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	1	LONG(C)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	
	2		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	2	MEDIUM(B)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	
	3		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	3	SHORT(A)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	3	SHORT(A)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	

Proposal 1290 - Observation 11 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 11, 12, 13, 14, 15, Non-interruptible

Proposal 1290 - Observation 22 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 22: SerpSMM1-1</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-Serpens (Obs 16)]																																																																																																																																													
	(SerpSMM1-1 (Obs 22)) Warning (Form): Imager Filter overlap. (SerpSMM1-1 (Obs 22)) Warning (Form): Imager Filter overlap. (SerpSMM1-1 (Obs 22)) Warning (Form): Imager Filter overlap. (Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																																																																																													
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Comments: Category=Star Description=[Protostars] Extended=YES																																																																																																																																														
<b>Acquisition</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> </tr> </tbody> </table>												#	Target	1	NONE																																																																																																																														
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	2	MEDIUM(B)	MRSLONG		FASTR1	18	1	1	Dither 1	4	4	199.803																																																																																																																																		
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3	LONG(C)	MRSSHORT		FASTR1	18	1	1	Dither 1	4	4	199.803																																																																																																																																			

Proposal 1290 - Observation 22 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 16, 17, 18, 19, 20, 21, 22, Non-interruptible

Proposal 1290 - Observation 21 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 21: SerpSMM1-2</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-Serpens (Obs 16)]												
	(SerpSMM1-2 (Obs 21)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	#	Name	Target Coordinates		Targ. Coord. Corrections				Miscellaneous				
	(19)	SER-SMM1B	RA: 18 29 49.6020 (277.4566750d) Dec: +01 15 21.90 (1.25608d) Equinox: J2000										
Comments: Category=Star Description=[Protostars] Extended=YES													
<b>Acquisition</b>	#	Target											
	1	NONE											
<b>Template</b>	AcqFilter	Primary Channel		Simultaneous Imaging		Imager Subarray		Grating Wheel Direction					
	F1500W	All MRS		NO		FULL		NEUTRAL					
<b>Dithers</b>	#	Dither Type			Optimized For				Direction				
	1	2-Point			EXTENDED SOURCE				NEGATIVE				
<b>Spectral Elements</b>	#	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	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 21 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 16, 17, 18, 19, 20, 21, 22, Non-interruptible

Proposal 1290 - Observation 20 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 20: SerpS68N</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-Serpens (Obs 16)]												
	(SerpS68N (Obs 20)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>				<b>Miscellaneous</b>				
	(20)	SER-S68N	RA: 18 29 48.0740 (277.4503083d) Dec: +01 16 43.80 (1.27883d) Equinox: J2000										
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			NO			FULL		NEUTRAL			
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>			<b>Optimized For</b>				<b>Direction</b>				
	1	2-Point			EXTENDED SOURCE				NEGATIVE				
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/E xp</b>	<b>Exposures/Dit h</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 20 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 16, 17, 18, 19, 20, 21, 22, Non-interruptible

Proposal 1290 - Observation 19 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 19: SerpEmb8N</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-Serpens (Obs 16)]																																																																																																																																													
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Proposal 1290 - Observation 19 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 16, 17, 18, 19, 20, 21, 22, Non-interruptible

Proposal 1290 - Observation 18 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<p><b>Proposal 1290, Observation 18: SerpSMM3</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: MIRI Medium Resolution Spectroscopy</p> <p>Background Observations:[Dark-Serpens (Obs 16)]</p>																																																																																																																																													
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Proposal 1290 - Observation 18 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 16, 17, 18, 19, 20, 21, 22, Non-interruptible

Proposal 1290 - Observation 17 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 17: SVS4-5</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-Serpens (Obs 16)]																																																																																																																																														
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Proposal 1290 - Observation 17 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 16, 17, 18, 19, 20, 21, 22, Non-interruptible

Proposal 1290 - Observation 16 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 16: Dark-Serpens</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [SVS4-5 (Obs 17), SerpSMM3 (Obs 18), SerpEmb8N (Obs 19), SerpS68N (Obs 20), SerpSMM1-2 (Obs 21), SerpSMM1-1 (Obs 22)]																																																																																																																																													
<b>Diagnostics</b>	(Dark-Serpens (Obs 16)) Warning (Form): Imager Filter overlap. (Dark-Serpens (Obs 16)) Warning (Form): Imager Filter overlap. (Dark-Serpens (Obs 16)) Warning (Form): Imager Filter overlap. (Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																																																																																													
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Proposal 1290 - Observation 16 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 16, 17, 18, 19, 20, 21, 22, Non-interruptible

Proposal 1290 - Observation 25 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 25: BHR71-IRS1</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[DARK-BHR71 (Obs 23)]												
	(BHR71-IRS1 (Obs 25)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>				<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>			
	(24)	BHR71-IRS1	RA: 12 01 36.5480 (180.4022833d) Dec: -65 08 53.59 (-65.14822d) Equinox: J2000										
<i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			NO			FULL		NEUTRAL			
<b>Mosaic</b>	<b>Rows</b>	<b>Columns</b>	<b>Row Overlap %</b>	<b>Column Overlap %</b>	<b>Row shift (deg)</b>	<b>Column shift (deg)</b>	<b>Tile Order</b>						
	3	3	10.0	10.0	0.0	0.0	DEFAULT						
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>				<b>Optimized For</b>			<b>Direction</b>				
	1	2-Point				EXTENDED SOURCE			NEGATIVE				
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/E xp</b>	<b>Exposures/Dit h</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 25 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 23, 24, 25, Non-interruptible

Proposal 1290 - Observation 24 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 24: BHR71-IRS2</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[DARK-BHR71 (Obs 23)]												
	(BHR71-IRS2 (Obs 24)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>				<b>Miscellaneous</b>				
	(39)	BHR71-IRS2	RA: 12 01 34.0000 (180.3916667d) Dec: -65 08 47.00 (-65.14639d) Equinox: J2000										
Comments: Category=Star Description=[Protostars] Extended=YES													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			NO			FULL		NEUTRAL			
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>			<b>Optimized For</b>				<b>Direction</b>				
	1	2-Point			EXTENDED SOURCE				NEGATIVE				
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Exposures/Dith</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 24 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 23, 24, 25, Non-interruptible

Proposal 1290 - Observation 23 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 23: DARK-BHR71</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [BHR71-IRS2 (Obs 24), BHR71-IRS1 (Obs 25)]												
	(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>				<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>			
	(25)	DARK-BHR71	RA: 12 01 30.7200 (180.3780000d) Dec: -65 08 44.60 (-65.14572d) Equinox: J2000										
<i>Comments:</i> Category=Calibration Description=[Telescope/sky background] Extended=NO													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			YES			FULL		NEUTRAL			
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>				<b>Optimized For</b>				<b>Direction</b>			
	1	2-Point				EXTENDED SOURCE				NEGATIVE			
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/E xp</b>	<b>Exposures/Dit h</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	1	SHORT(A)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	
	2		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	2	MEDIUM(B)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	
	3		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	3	LONG(C)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	

Proposal 1290 - Observation 23 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 23, 24, 25, Non-interruptible

Proposal 1290 - Observation 27 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 27: G31.41+0.31</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-G31 (Obs 26)]																																																																																																																																													
	(G31.41+0.31 (Obs 27)) Warning (Form): Imager Filter overlap. (G31.41+0.31 (Obs 27)) Warning (Form): Imager Filter overlap. (G31.41+0.31 (Obs 27)) Warning (Form): Imager Filter overlap. (Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																																																																																													
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Proposal 1290 - Observation 27 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 26, 27, Non-interruptible

Proposal 1290 - Observation 26 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 26: Dark-G31</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [G31.41+0.31 (Obs 27)]																																																																																																																																													
	(Dark-G31 (Obs 26)) Warning (Form): Imager Filter overlap. (Dark-G31 (Obs 26)) Warning (Form): Imager Filter overlap. (Dark-G31 (Obs 26)) Warning (Form): Imager Filter overlap. (Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																																																																																													
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Proposal 1290 - Observation 26 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 26, 27, Non-interruptible

Proposal 1290 - Observation 30 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 30: IRAS18089</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-IRAS18089 (Obs 28)]																																																																																																																																													
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Proposal 1290 - Observation 30 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 28, 29, 30, Non-interruptible

Proposal 1290 - Observation 29 - MIRI EC Protostars Survey

Tue Sep 05 22:00:48 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 29: IRAS18089-B1</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-IRAS18089 (Obs 28)]												
	(IRAS18089-B1 (Obs 29)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output. (Visit 29:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	#	Name	Target Coordinates		Targ. Coord. Corrections				Miscellaneous				
	(36)	IRAS18089-B1	RA: 18 11 51.4590 (272.9644125d) Dec: -17 31 25.84 (-17.52384d) Equinox: J2000										
Comments: Category=Star Description=[Protostars] Extended=YES													
<b>Acquisition</b>	#	Target											
	1	NONE											
<b>Template</b>	AcqFilter	Primary Channel		Simultaneous Imaging		Imager Subarray		Grating Wheel Direction					
	F1500W	All MRS		NO		FULL		NEUTRAL					
<b>Dithers</b>	#	Dither Type			Optimized For				Direction				
	1	2-Point			EXTENDED SOURCE				NEGATIVE				
<b>Spectral Elements</b>	#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/E xp	Exposures/Dit h	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 29 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 28, 29, 30, Non-interruptible

Proposal 1290 - Observation 28 - MIRI EC Protostars Survey

Tue Sep 05 22:00:49 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 28: Dark-IRAS18089</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [IRAS18089-B1 (Obs 29), IRAS18089 (Obs 30)]												
	(Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Diagnosics</b>													
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>				
	(29)	DARK-IRAS18089	RA: 18 11 45.1700 (272.9382083d) Dec: -17 31 24.33 (-17.52342d) Equinox: J2000										
<i>Comments:</i> Category=Calibration Description=[Telescope/sky background] Extended=YES													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			YES			FULL		NEUTRAL			
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>			<b>Optimized For</b>			<b>Direction</b>					
	1	2-Point			EXTENDED SOURCE			NEGATIVE					
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/E xp</b>	<b>Exposures/Dit h</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	1	SHORT(A)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	
	2		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	2	MEDIUM(B)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	
	3		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	3	LONG(C)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	

Proposal 1290 - Observation 28 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 28, 29, 30, Non-interruptible

Proposal 1290 - Observation 80 - MIRI EC Protostars Survey

Tue Sep 05 22:00:49 GMT 2023

<b>Observation</b>	<p><b>Proposal 1290, Observation 80: IRAS18089</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: MIRI Medium Resolution Spectroscopy</p> <p>Background Observations:[Dark-IRAS18089 (Obs 78)]</p>																																																																																																																																													
<b>Diagnostics</b>	<p>(IRAS18089 (Obs 80)) Warning (Form): Imager Filter overlap.</p> <p>(IRAS18089 (Obs 80)) Warning (Form): Imager Filter overlap.</p> <p>(IRAS18089 (Obs 80)) Warning (Form): Imager Filter overlap.</p> <p>(IRAS18089 (Obs 80)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output.</p> <p>(Visit 80:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																																																																																																																																													
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1	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																																																																			
2		IMAGER	F1500W	FASTR1	8	4	1	Dither 1	2	8	194.253																																																																																																																																			
2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																																																																			
2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																																																																			
3		IMAGER	F1500W	FASTR1	8	4	1	Dither 1	2	8	194.253																																																																																																																																			
3	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																																																																			
3	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																																																																			

Proposal 1290 - Observation 80 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 78, 79, 80, Non-interruptible

Proposal 1290 - Observation 79 - MIRI EC Protostars Survey

Tue Sep 05 22:00:49 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 79: IRAS18089-B1</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-IRAS18089 (Obs 78)]												
	(Visit 79:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>				<b>Miscellaneous</b>				
	(41)	IRAS18089-B1-copy	RA: 18 11 51.4590 (272.9644125d) Dec: -17 31 25.84 (-17.52384d) Equinox: J2000										
<i>Comments:</i> Category=Star Description=[Protostars] Extended=YES													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>		<b>Simultaneous Imaging</b>		<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>					
	F1500W	All MRS		NO		FULL		NEUTRAL					
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>			<b>Optimized For</b>				<b>Direction</b>				
	1	2-Point			EXTENDED SOURCE				NEGATIVE				
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Exposures/Dith</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 79 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 78, 79, 80, Non-interruptible

Proposal 1290 - Observation 78 - MIRI EC Protostars Survey

Tue Sep 05 22:00:49 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 78: Dark-IRAS18089</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [IRAS18089-B1 (Obs 79), IRAS18089 (Obs 80)]												
	(Visit 78:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Diagnosics</b>													
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>				<b>Miscellaneous</b>				
	(40)	DARK-IRAS18089-copy	RA: 18 11 44.1236 (272.9338483d) Dec: -17 31 3.10 (-17.51753d) Equinox: J2000										
Comments: Category=Calibration Description=[Telescope/sky background] Extended=YES													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>			
	F1500W	All MRS			NO			FULL		NEUTRAL			
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>			<b>Optimized For</b>				<b>Direction</b>				
	1	2-Point			EXTENDED SOURCE				NEGATIVE				
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Exposures/Dith</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 78 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 78, 79, 80, Non-interruptible

Proposal 1290 - Observation 32 - MIRI EC Protostars Survey

Tue Sep 05 22:00:49 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 32: IRAS23385</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-IRAS23385 (Obs 31)]												
	(IRAS23385 (Obs 32)) Warning (Form): Imager Filter overlap. (IRAS23385 (Obs 32)) Warning (Form): Imager Filter overlap. (IRAS23385 (Obs 32)) Warning (Form): Imager Filter overlap. (Visit 32:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>				<b>Targ. Coord. Corrections</b>		<b>Miscellaneous</b>				
	(30)	IRAS23385	RA: 23 40 54.4820 (355.2270083d) Dec: +61 10 27.92 (61.17442d) Equinox: J2000  <i>Comments:</i> <i>Category=Star</i> <i>Description=[Protostars]</i> <i>Extended=YES</i>										
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>			<b>Simultaneous Imaging</b>		<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>				
	F1500W	All MRS			YES		FULL		NEUTRAL				
<b>Mosaic</b>	<b>Rows</b>	<b>Columns</b>	<b>Row Overlap %</b>	<b>Column Overlap %</b>	<b>Row shift (deg)</b>	<b>Column shift (deg)</b>	<b>Tile Order</b>						
	2	2	10.0	10.0	0.0	0.0	DEFAULT						
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>			<b>Optimized For</b>			<b>Direction</b>					
	1	2-Point			EXTENDED SOURCE			NEGATIVE					
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/E xp</b>	<b>Exposures/Dit h</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1		IMAGER	F1500W	FASTR1	8	4	1	Dither 1	2	8	194.253	
	1	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2		IMAGER	F1500W	FASTR1	8	4	1	Dither 1	2	8	194.253	
	2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3		IMAGER	F1500W	FASTR1	8	4	1	Dither 1	2	8	194.253	
	3	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	

Proposal 1290 - Observation 32 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 31, 32, Non-interruptible

Proposal 1290 - Observation 31 - MIRI EC Protostars Survey

Tue Sep 05 22:00:49 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 31: Dark-IRAS23385</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [IRAS23385 (Obs 32)]												
	(Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
<b>Diagnosics</b>													
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>				<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>			
	(31)	DARK-IRAS23385	RA: 23 41 11.0200 (355.2959167d) Dec: +61 10 29.00 (61.17472d) Equinox: J2000										
<i>Comments:</i> Category=Calibration Description=[Telescope/sky background] Extended=YES													
<b>Acquisition</b>	<b>#</b>	<b>Target</b>											
	1	NONE											
<b>Template</b>	<b>AcqFilter</b>	<b>Primary Channel</b>				<b>Simultaneous Imaging</b>			<b>Imager Subarray</b>		<b>Grating Wheel Direction</b>		
	F1500W	All MRS				YES			FULL		NEUTRAL		
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>				<b>Optimized For</b>				<b>Direction</b>			
	1	2-Point				EXTENDED SOURCE				NEGATIVE			
<b>Spectral Elements</b>	<b>#</b>	<b>Wavelength Range</b>	<b>Detector</b>	<b>Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/E xp</b>	<b>Exposures/Dit h</b>	<b>Dither</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	1	SHORT(A)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	1	SHORT(A)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	
	2		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	2	MEDIUM(B)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	2	MEDIUM(B)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	
	3		IMAGER	F1500W	FASTR1	8	8	1	None	1	8	197.028	
	3	LONG(C)	MRSLONG		FASTR1	72	1	1	None	1	1	199.803	
	3	LONG(C)	MRSSHORT		FASTR1	72	1	1	None	1	1	199.803	

Proposal 1290 - Observation 31 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 31, 32, Non-interruptible

Proposal 1290 - Observation 36 - MIRI EC Protostars Survey

Tue Sep 05 22:00:49 GMT 2023

<b>Observation</b>	<p><b>Proposal 1290, Observation 36: G28P1</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: MIRI Medium Resolution Spectroscopy</p> <p>Background Observations:[Dark-G28 (Obs 33)]</p>																																																																																																						
<b>Diagnostics</b>	<p>(G28P1 (Obs 36)) Warning (Form): The science and background exposures are not consistent and may result in non-optimal science output.</p> <p>(Visit 36:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																																																																																																						
<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(32)</td> <td>G28P1</td> <td>RA: 18 42 50.7000 (280.7112500d) Dec: -04 03 14.10 (-4.05392d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> <p><i>Comments:</i> Category=Star Description=[Protostars] Extended=YES</p>												#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(32)	G28P1	RA: 18 42 50.7000 (280.7112500d) Dec: -04 03 14.10 (-4.05392d) Equinox: J2000																																																																																			
#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																																																																																																			
(32)	G28P1	RA: 18 42 50.7000 (280.7112500d) Dec: -04 03 14.10 (-4.05392d) Equinox: J2000																																																																																																					
<b>Acquisition</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> </tr> </tbody> </table>												#	Target	1	NONE																																																																																							
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<b>Template</b>	<table border="1"> <thead> <tr> <th>AcqFilter</th> <th>Primary Channel</th> <th>Simultaneous Imaging</th> <th>Imager Subarray</th> <th>Grating Wheel Direction</th> </tr> </thead> <tbody> <tr> <td>F1500W</td> <td>All MRS</td> <td>NO</td> <td>FULL</td> <td>NEUTRAL</td> </tr> </tbody> </table>												AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction	F1500W	All MRS	NO	FULL	NEUTRAL																																																																																	
AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction																																																																																																			
F1500W	All MRS	NO	FULL	NEUTRAL																																																																																																			
<b>Mosaic</b>	<table border="1"> <thead> <tr> <th>Rows</th> <th>Columns</th> <th>Row Overlap %</th> <th>Column Overlap %</th> <th>Row shift (deg)</th> <th>Column shift (deg)</th> <th>Tile Order</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>2</td> <td>10.0</td> <td>10.0</td> <td>0.0</td> <td>0.0</td> <td>DEFAULT</td> </tr> </tbody> </table>												Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order	2	2	10.0	10.0	0.0	0.0	DEFAULT																																																																													
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<b>Dithers</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Dither Type</th> <th>Optimized For</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2-Point</td> <td>EXTENDED SOURCE</td> <td>NEGATIVE</td> </tr> </tbody> </table>												#	Dither Type	Optimized For	Direction	1	2-Point	EXTENDED SOURCE	NEGATIVE																																																																																			
#	Dither Type	Optimized For	Direction																																																																																																				
1	2-Point	EXTENDED SOURCE	NEGATIVE																																																																																																				
<b>Spectral Elements</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Wavelength Range</th> <th>Detector</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Exposures/Dith</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>LONG(C)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> <tr> <td>1</td> <td>LONG(C)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> <tr> <td>3</td> <td>SHORT(A)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> <tr> <td>3</td> <td>SHORT(A)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> </tbody> </table>												#	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	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803		1	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803		2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803		2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803		3	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803		3	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
#	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	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																												
1	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																												
2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																												
2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																												
3	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																												
3	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803																																																																																												

Proposal 1290 - Observation 36 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 33, 34, 35, 36, Non-interruptible

Proposal 1290 - Observation 35 - MIRI EC Protostars Survey

Tue Sep 05 22:00:49 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 35: G28IRS2</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-G28 (Obs 33)]																																																																																																																																													
	(G28IRS2 (Obs 35)) Warning (Form): Imager Filter overlap. (G28IRS2 (Obs 35)) Warning (Form): Imager Filter overlap. (G28IRS2 (Obs 35)) Warning (Form): Imager Filter overlap. (Visit 35:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																																																																																													
<b>Diagnosics</b>																																																																																																																																														
<b>Fixed Targets</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(33)</td> <td>G28IRS2</td> <td>RA: 18 42 51.9800 (280.7165833d) Dec: -03 59 54.00 (-3.99833d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table>												#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(33)	G28IRS2	RA: 18 42 51.9800 (280.7165833d) Dec: -03 59 54.00 (-3.99833d) Equinox: J2000																																																																																																																										
	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																																																																																																																																									
(33)	G28IRS2	RA: 18 42 51.9800 (280.7165833d) Dec: -03 59 54.00 (-3.99833d) Equinox: J2000																																																																																																																																												
Comments: Category=Star Description=[Protostars] Extended=YES																																																																																																																																														
<b>Acquisition</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> </tr> </tbody> </table>												#	Target	1	NONE																																																																																																																														
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Proposal 1290 - Observation 35 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 33, 34, 35, 36, Non-interruptible

Proposal 1290 - Observation 34 - MIRI EC Protostars Survey

Tue Sep 05 22:00:49 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 34: G28S</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[Dark-G28 (Obs 33)]																																																																																																																																													
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Proposal 1290 - Observation 34 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 33, 34, 35, 36, Non-interruptible

Proposal 1290 - Observation 33 - MIRI EC Protostars Survey

Tue Sep 05 22:00:49 GMT 2023

<b>Observation</b>	<b>Proposal 1290, Observation 33: Dark-G28</b> <b>Diagnostic Status: Warning</b> Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [G28S (Obs 34), G28IRS2 (Obs 35), G28P1 (Obs 36)]																																																																																																																																													
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<b>Spectral Elements</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Wavelength Range</th> <th>Detector</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/E xp</th> <th>Exposures/Dit h</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td></td> <td>IMAGER</td> <td>F1500W</td> <td>FASTR1</td> <td>8</td> <td>4</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>8</td> <td>194.253</td> <td></td> </tr> <tr> <td>1</td> <td>LONG(C)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> <tr> <td>1</td> <td>LONG(C)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td>IMAGER</td> <td>F1500W</td> <td>FASTR1</td> <td>8</td> <td>4</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>8</td> <td>194.253</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> <tr> <td>2</td> <td>MEDIUM(B)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> <tr> <td>3</td> <td></td> <td>IMAGER</td> <td>F1500W</td> <td>FASTR1</td> <td>8</td> <td>4</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>8</td> <td>194.253</td> <td></td> </tr> <tr> <td>3</td> <td>SHORT(A)</td> <td>MRSLONG</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> <tr> <td>3</td> <td>SHORT(A)</td> <td>MRSSHORT</td> <td></td> <td>FASTR1</td> <td>36</td> <td>1</td> <td>1</td> <td>Dither 1</td> <td>2</td> <td>2</td> <td>199.803</td> <td></td> </tr> </tbody> </table>												#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/E xp	Exposures/Dit h	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	1		IMAGER	F1500W	FASTR1	8	4	1	Dither 1	2	8	194.253		1	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803		1	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803		2		IMAGER	F1500W	FASTR1	8	4	1	Dither 1	2	8	194.253		2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803		2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803		3		IMAGER	F1500W	FASTR1	8	4	1	Dither 1	2	8	194.253		3	SHORT(A)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803		3	SHORT(A)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
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Proposal 1290 - Observation 33 - MIRI EC Protostars Survey

Special Requirements

Sequence Observations 33, 34, 35, 36, Non-interruptible

Proposal 1290 - Observation 37 - MIRI EC Protostars Survey

Tue Sep 05 22:00:49 GMT 2023

<b>Observation</b>	<p><b>Proposal 1290, Observation 37: B1-c NIRSPEC</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
<b>Diagnostics</b>	(Visit 37:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>			
	(37)	B1C-NIRSPEC	RA: 03 33 17.8770 (53.3244875d) Dec: +31 09 31.82 (31.15884d) Equinox: J2000									
	<p><i>Comments:</i>  <i>Category=Star</i>  <i>Description=[Protostars]</i>  <i>Extended=YES</i></p>											
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>		<b>Size</b>	<b>Starting Point</b>			<b>Number of Points</b>	<b>Points</b>			
	1	4-POINT-DITHER										
<b>Spectral Elements</b>	<b>#</b>	<b>Grating/Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Leakcal</b>	<b>Dither</b>	<b>Autocal</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	G395M/F290LP	NRSIRS2RAPI D	22	1	false	true	NONE	4	4	1342.178	
	2	G235M/F170LP	NRSIRS2RAPI D	10	1	false	true	NONE	4	4	641.911	