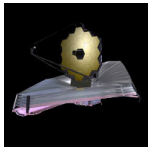

7135 - Population Study of Chemistry in the First Million Years of Planet Formation: A MIRI Survey of Embedded Disks in Ophiuchus

Cycle: 4, Proposal Category: GO

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OBSERVATIONS

Folder	***Observation***	***Label***	***Observing Template***	***Science Target***
faintest_sources				
	1		MIRI Medium Resolution Spectroscopy	(1) GY92-152
	2		MIRI Medium Resolution Spectroscopy	(2) GY92-154
	3		MIRI Medium Resolution Spectroscopy	(3) BBRCG-13
	4		MIRI Medium Resolution Spectroscopy	(4) YLW-10C
faint_sources_50-100mJy				
	5		MIRI Medium Resolution Spectroscopy	(5) BKLT-J162741-244645
	6		MIRI Medium Resolution Spectroscopy	(6) GY92-323
	7		MIRI Medium Resolution Spectroscopy	(7) BBRCG-14
	8		MIRI Medium Resolution Spectroscopy	(8) 2MASS-J16214848-2340273
	9		MIRI Medium Resolution Spectroscopy	(9) CRBR-2317.5-1729
	10		MIRI Medium Resolution Spectroscopy	(10) GY92-188
	105		MIRI Medium Resolution Spectroscopy	(5) BKLT-J162741-244645
sources_100-400mJy				
	11		MIRI Medium Resolution Spectroscopy	(11) GY92-260
	12		MIRI Medium Resolution Spectroscopy	(12) 2MASS-J16271643-2431145
	14		MIRI Medium Resolution Spectroscopy	(14) WL-7
	15		MIRI Medium Resolution Spectroscopy	(15) BKLT-J162858-244054
	16		MIRI Medium Resolution Spectroscopy	(16) 2MASS-J16274825-2442256
	17		MIRI Medium Resolution Spectroscopy	(17) GY92-213
	18		MIRI Medium Resolution Spectroscopy	(18) WL-19
	20		MIRI Medium Resolution Spectroscopy	(20) GY92-284
	21		MIRI Medium Resolution Spectroscopy	(21) GY92-91
	22		MIRI Medium Resolution Spectroscopy	(22) WL-2
	23		MIRI Medium Resolution Spectroscopy	(23) GY92-30

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	111		MIRI Medium Resolution Spectroscopy	(11) GY92-260
	115		MIRI Medium Resolution Spectroscopy	(15) BKLT-J162858-244054
	116		MIRI Medium Resolution Spectroscopy	(16) 2MASS-J16274825-2442256
	120		MIRI Medium Resolution Spectroscopy	(20) GY92-284
sources_450-1000mJy				
	24		MIRI Medium Resolution Spectroscopy	(24) GY92-197
	25		MIRI Medium Resolution Spectroscopy	(25) VSSG-31
	26		MIRI Medium Resolution Spectroscopy	(26) CRBR-2315.8-1700
	27		MIRI Medium Resolution Spectroscopy	(27) 2MASS-J16313383-2404466
	28		MIRI Medium Resolution Spectroscopy	(28) ISO-Oph-203
	29		MIRI Medium Resolution Spectroscopy	(29) WLY-1-43
	127		MIRI Medium Resolution Spectroscopy	(27) 2MASS-J16313383-2404466
	128		MIRI Medium Resolution Spectroscopy	(28) ISO-Oph-203
sources_1-2Jy				
	31		MIRI Medium Resolution Spectroscopy	(31) ISO-Oph-200
	32		MIRI Medium Resolution Spectroscopy	(32) CRBR-2422.8-3423
	33		MIRI Medium Resolution Spectroscopy	(33) WLY-2-69
	35		MIRI Medium Resolution Spectroscopy	(35) YLW-45
	36		MIRI Medium Resolution Spectroscopy	(36) WL-17
	133		MIRI Medium Resolution Spectroscopy	(33) WLY-2-69
	135		MIRI Medium Resolution Spectroscopy	(35) YLW-45
sources_3-4Jy				
	37		MIRI Medium Resolution Spectroscopy	(37) YLW-13B
	38		MIRI Medium Resolution Spectroscopy	(38) YLW-52
	39		MIRI Medium Resolution Spectroscopy	(39) ISO-Oph-204
	40		MIRI Medium Resolution Spectroscopy	(40) WL-6
	139		MIRI Medium Resolution Spectroscopy	(39) ISO-Oph-204
targetgroup				
	41	13-19group	MIRI Medium Resolution Spectroscopy	(41) Group Oph13-19group
	51	13-19group - Repeat of obs 41	MIRI Medium Resolution Spectroscopy	(41) Group Oph13-19group
backgrounds				
	42	BKG_6-35-16	MIRI Medium Resolution Spectroscopy	(42) BKG_6-35-16

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	43	BKG_4-12-13-19-20-34-40	MIRI Medium Resolution Spectroscopy	(43) BKG_4-12-13-19-20-34-40
	53	BKG_4-12-13-19-20-34-40 - Repeat of Obs 43	MIRI Medium Resolution Spectroscopy	(43) BKG_4-12-13-19-20-34-40
	45	BKG_17-29-18-36	MIRI Medium Resolution Spectroscopy	(45) BKG_17-29-18-36
	44	BKG_11-32-37	MIRI Medium Resolution Spectroscopy	(44) BKG_11-32-37
	46	BKG_1-2-10-21-22-25	MIRI Medium Resolution Spectroscopy	(46) BKG_1-2-10-21-22-25
	47	BKG_3-7-14	MIRI Medium Resolution Spectroscopy	(47) BKG_3-7-14
	48	BKG_28-31-39	MIRI Medium Resolution Spectroscopy	(48) BKG_28-31-39

ABSTRACT

We propose a comprehensive JWST-MIRI survey for 40 Class I/FS disks in the Ophiuchus region. This survey will provide the first population study of the chemical composition and pebble drift conditions during the crucial first Myr of planet formation. Recent research indicates that planet formation may begin much earlier and proceed faster than traditionally believed, with critical planet formation processes initiating during the embedded disk stage (less than 1Myr). Previous JWST/MIRI programs have mostly focused on very young Class 0 sources (<0.2 Myr, may not have a disk yet) or older Class II disks, leaving the bulk population of embedded disks —Class I (0.1–0.6 Myr) and Flat Spectrum (FS, 0.6–1 Myr) sources—largely unexplored. MIRI spectra of a preliminary small sample of Class I/FS sources reveal that molecules such as gas-phase H2O, CO, CO2, C2H2, HCN, and OH are readily detectable. Interestingly, these spectra suggest a distinctive chemistry compared to older Class II disks, aligning with a water-rich and CO2-poor phase in the first Myr predicted by pebble drift models. Ophiuchus is the closest star-forming region with a large population of embedded disks and the only region with most of embedded disks characterized with high-resolution ALMA observations (5-10 au). Leveraging existing ALMA observations, this program will provide crucial insight into the early disk composition in the terrestrial planet-forming region and key constraints to the pebble fluxes and volatile transport within the first Myr under a wide range of stellar and disk properties.

OBSERVING DESCRIPTION

This program observes molecular emission and ice absorptions of 40 Class I/FS sources in the Ophiuchus star-forming region. All observations are obtained with MIRI-MRS across the full wavelength range, to observe molecular lines from abundant volatile species (e.g., H2O, H2, CO, CO2, HCN, C2H2, OH). We aim for SNRs of 100-200 at the 22micron and 300-500 at 15micron, to firmly detect known molecular tracers and have good constraints on optically thin lines. We will use the standard 4-dither pattern. Delicated background observations are requested to improve the calibration. To improve time efficiency, we use one background observations for each 3-6 closely located protostar sources together.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	GY92-152	RA: 16 26 54.2933 (246.7262221d) Dec: -24 24 38.16 (-24.41060d) Equinox: J2000	Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*				
(2)	GY92-154	RA: 16 26 54.7709 (246.7282121d) Dec: -24 27 2.25 (-24.45063d) Equinox: J2000	Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*				
(3)	BBRCG-13	RA: 16 26 51.9710 (246.7165458d) Dec: -24 30 39.50 (-24.51097d) Equinox: J2000	Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*				
(4)	YLW-10C	RA: 16 27 15.8849 (246.8161871d) Dec: -24 25 14.19 (-24.42061d) Equinox: J2000	Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*				
(5)	BKLT-J162741-244645	RA: 16 27 41.6102 (246.9233758d) Dec: -24 46 44.74 (-24.77909d) Equinox: J2000	Proper Motion RA: 0.8 mas/yr Proper Motion Dec: -25.299999970229692 mas/yr Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.* *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*				
(6)	GY92-323	RA: 16 27 41.7528 (246.9239700d) Dec: -24 43 36.10 (-24.72669d) Equinox: J2000	Proper Motion RA: -2.4 mas/yr Proper Motion Dec: -21.699999979318818 mas/yr Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.* *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*				

(7)	BBRCG-14	RA: 16 26 53.4694 (246.7227892d)	Epoch of Position: 2000
		Dec: -24 32 36.25 (-24.54340d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(8)	2MASS-J16214848-2340273	RA: 16 21 48.4827 (245.4520113d)	Proper Motion RA: -5.68 mas/yr
		Dec: -23 40 27.29 (-23.67425d)	Proper Motion Dec: -27.279000050839386 mas/yr
		Equinox: J2000	Parallax: 0.0068889"
			Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(9)	CRBR-2317.5-1729	RA: 16 26 18.9823 (246.5790929d)	Epoch of Position: 2000
		Dec: -24 24 14.26 (-24.40396d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(10)	GY92-188	RA: 16 27 3.0072 (246.7625300d)	Epoch of Position: 2000
		Dec: -24 26 14.70 (-24.43742d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(11)	GY92-260	RA: 16 27 26.2855 (246.8595229d)	Proper Motion RA: -6.4 mas/yr
		Dec: -24 42 46.13 (-24.71281d)	Proper Motion Dec: -28.700000098069722 mas/yr
		Equinox: J2000	Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(12)	2MASS-J16271643-2431145	RA: 16 27 16.4380 (246.8184917d)	Epoch of Position: 2000
		Dec: -24 31 14.55 (-24.52071d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(13)	WLY-2-33	RA: 16 27 14.5051 (246.8104379d)	Epoch of Position: 2000
		Dec: -24 26 46.09 (-24.44614d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(14)	WL-7	RA: 16 26 42.1433 (246.6755971d)	Epoch of Position: 2000
		Dec: -24 31 2.95 (-24.51749d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(15)	BKLT-J162858-244054	RA: 16 28 57.8688 (247.2411200d)	Epoch of Position: 2000
		Dec: -24 40 54.92 (-24.68192d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(16)	2MASS-J16274825-2442256	RA: 16 27 48.2500 (246.9510417d)	Proper Motion RA: -9.7 mas/yr
		Dec: -24 42 25.60 (-24.70711d)	Proper Motion Dec: -20.600000016202102 mas/yr
		Equinox: J2000	Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(17)	GY92-213	RA: 16 27 9.3533 (246.7889721d)	Proper Motion RA: -7.3 mas/yr
		Dec: -24 40 22.43 (-24.67290d)	Proper Motion Dec: -26.80000006876071 mas/yr
		Equinox: J2000	Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(18)	WL-19	RA: 16 27 11.7142 (246.7988092d)	Proper Motion RA: -6.4 mas/yr
		Dec: -24 38 32.06 (-24.64224d)	Proper Motion Dec: -22.799999942435534 mas/yr
		Equinox: J2000	Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(19)	YLW-10B	RA: 16 27 15.4543 (246.8143929d) Dec: -24 26 39.80 (-24.44439d) Equinox: J2000	Epoch of Position: 2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*			
(20)	GY92-284	RA: 16 27 30.8467 (246.8785279d) Dec: -24 24 56.09 (-24.41558d) Equinox: J2000	Proper Motion RA: -5.853 mas/yr Proper Motion Dec: -27.005000015378755 mas/yr Parallax: 0.0070478" Epoch of Position: 2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.* *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*			
(21)	GY92-91	RA: 16 26 40.4695 (246.6686229d) Dec: -24 27 14.47 (-24.45402d) Equinox: J2000	Epoch of Position: 2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*			
(22)	WL-2	RA: 16 26 48.4862 (246.7020258d) Dec: -24 28 38.91 (-24.47748d) Equinox: J2000	Epoch of Position: 2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*			
(23)	GY92-30	RA: 16 26 25.4892 (246.6062050d) Dec: -24 23 1.56 (-24.38377d) Equinox: J2000	Epoch of Position: 2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*			
(24)	GY92-197	RA: 16 27 5.2462 (246.7718592d) Dec: -24 36 29.79 (-24.60827d) Equinox: J2000	Epoch of Position: 2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*			
(25)	VSSG-31	RA: 16 27 4.1069 (246.7671121d) Dec: -24 28 29.91 (-24.47497d) Equinox: J2000	Epoch of Position: 2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Star* *Description=[Protoplanetary disks, Protostars]* *Extended=NO*			

(26)	CRBR-2315.8-1700	RA: 16 26 17.2294 (246.5717892d)	Epoch of Position: 2000
		Dec: -24 23 45.37 (-24.39594d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(27)	2MASS-J16313383-2404466	RA: 16 31 33.8363 (247.8909846d)	Proper Motion RA: -4.773 mas/yr
		Dec: -24 04 46.66 (-24.07963d)	Proper Motion Dec: -25.980999930652615 mas/yr
		Equinox: J2000	Parallax: 0.0073127"
			Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(28)	ISO-Oph-203	RA: 16 31 52.4470 (247.9685292d)	Epoch of Position: 2000
		Dec: -24 55 36.08 (-24.92669d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(29)	WLY-1-43	RA: 16 27 11.1799 (246.7965829d)	Proper Motion RA: -5.6 mas/yr
		Dec: -24 40 46.67 (-24.67963d)	Proper Motion Dec: -22.099999910096813 mas/yr
		Equinox: J2000	Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(31)	ISO-Oph-200	RA: 16 31 43.7630 (247.9323458d)	Proper Motion RA: -7.731000000000001 mas/yr
		Dec: -24 55 24.55 (-24.92349d)	Proper Motion Dec: -23.06100004716427 mas/yr
		Equinox: J2000	Parallax: 0.006659399999999999"
			Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(32)	CRBR-2422.8-3423	RA: 16 27 24.6132 (246.8525550d)	Proper Motion RA: -12.2 mas/yr
		Dec: -24 41 3.41 (-24.68428d)	Proper Motion Dec: -20.800000083909254 mas/yr
		Equinox: J2000	Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(33)	WLY-2-69	RA: 16 32 21.0552 (248.0877300d)	Proper Motion RA: -4.776 mas/yr
		Dec: -24 30 35.94 (-24.50998d)	Proper Motion Dec: -23.82999996370927 mas/yr
		Equinox: J2000	Parallax: 0.0065114"
			Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(35)	YLW-45	RA: 16 27 39.8282 (246.9159508d)	Epoch of Position: 2000
		Dec: -24 43 15.07 (-24.72085d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(36)	WL-17	RA: 16 27 6.7762 (246.7782342d)	Proper Motion RA: -10.0 mas/yr
		Dec: -24 38 15.00 (-24.63750d)	Proper Motion Dec: -27.900000031877425 mas/yr
		Equinox: J2000	Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(37)	YLW-13B	RA: 16 27 21.4687 (246.8394529d)	Proper Motion RA: -9.6 mas/yr
		Dec: -24 41 43.07 (-24.69530d)	Proper Motion Dec: -21.300000048540824 mas/yr
		Equinox: J2000	Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(38)	YLW-52	RA: 16 27 51.8047 (246.9658529d)	Epoch of Position: 2000
		Dec: -24 31 45.53 (-24.52931d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(39)	ISO-Oph-204	RA: 16 31 52.1204 (247.9671683d)	Proper Motion RA: -6.851 mas/yr
		Dec: -24 56 15.71 (-24.93770d)	Proper Motion Dec: -22.484999999505817 mas/yr
		Equinox: J2000	Parallax: 0.0065366999999999995"
			Epoch of Position: 2000

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(40)	WL-6	RA: 16 27 21.8045 (246.8408521d)	Epoch of Position: 2000
		Dec: -24 29 53.36 (-24.49816d)	
		Equinox: J2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

(41)	Group Oph13-19group		

Comments:
Target Selection=[13 WLY-2-33, 19 YLW-10B]

(42)	BKG_6-35-16	RA: 16 27 39.3332 (246.9138883d)	Epoch of Position: 2000
		Dec: -24 44 21.53 (-24.73931d)	
		Equinox: J2000	

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

(43)	BKG_4-12-13-19-20-34-40	RA: 16 27 21.7467 (246.8406112d)	Epoch of Position: 2000
		Dec: -24 26 13.35 (-24.43704d)	
		Equinox: J2000	

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

(44)	BKG_11-32-37	RA: 16 27 21.8649 (246.8411037d)	Epoch of Position: 2000
		Dec: -24 43 0.46 (-24.71679d)	
		Equinox: J2000	

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

(45)	BKG_17-29-18-36	RA: 16 27 0.8842 (246.7536842d)	Epoch of Position: 2000
		Dec: -24 40 14.20 (-24.67061d)	
		Equinox: J2000	

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

(46)	BKG_1-2-10-21-22-25	RA: 16 26 55.0736 (246.7294733d) Dec: -24 27 52.11 (-24.46447d) Equinox: J2000	Epoch of Position: 2000
Comments: *Category=Calibration* *Description=[Telescope/sky background]* *Extended=YES*			
(47)	BKG_3-7-14	RA: 16 26 47.6555 (246.6985646d) Dec: -24 31 52.82 (-24.53134d) Equinox: J2000	Epoch of Position: 2000
Comments: *Category=Calibration* *Description=[Telescope/sky background]* *Extended=YES*			
(48)	BKG_28-31-39	RA: 16 31 50.1757 (247.9590654d) Dec: -24 55 2.27 (-24.91730d) Equinox: J2000	Epoch of Position: 2000
Comments: *Category=Calibration* *Description=[Telescope/sky background]* *Extended=YES*			

Observation

Proposal 7135, Observation 1

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

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)	GY92-152	RA: 16 26 54.2933 (246.7262221d) Dec: -24 24 38.16 (-24.41060d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	10	1	1	27.75	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
1	SHORT(A)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
1	SHORT(A)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	
2		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
2	MEDIUM(B)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
2	MEDIUM(B)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	
3		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
3	LONG(C)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
3	LONG(C)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	

Special Requirements	Group Observations 1, 46, Non-interruptible

Observation

Proposal 7135, Observation 2

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	GY92-154	RA: 16 26 54.7709 (246.7282121d) Dec: -24 27 2.25 (-24.45063d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	10	1	1	27.75	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
1	SHORT(A)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
1	SHORT(A)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	
2		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
2	MEDIUM(B)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
2	MEDIUM(B)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	
3		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
3	LONG(C)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
3	LONG(C)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	

Observation

Proposal 7135, Observation 3

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

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
(3)	BBRCG-13	RA: 16 26 51.9710 (246.7165458d) Dec: -24 30 39.50 (-24.51097d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	10	1	1	27.75	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
1	SHORT(A)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
1	SHORT(A)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	
2		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
2	MEDIUM(B)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
2	MEDIUM(B)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	
3		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
3	LONG(C)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
3	LONG(C)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	

Special Requirements	Group Observations 3, 47, Non-interruptible

Observation

Proposal 7135, Observation 4

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

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
(4)	YLW-10C	RA: 16 27 15.8849 (246.8161871d) Dec: -24 25 14.19 (-24.42061d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	10	1	1	27.75	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
1	SHORT(A)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
1	SHORT(A)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	
2		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
2	MEDIUM(B)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
2	MEDIUM(B)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	
3		IMAGER	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
3	LONG(C)	MRSLONG		FASTR1	40	3	1	Dither 1	4	12	1354.22	
3	LONG(C)	MRSSHORT		FASTR1	40	3	1	Dither 1	4	12	1354.22	

Observation

Proposal 7135, Observation 5

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

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
(5)	BKLT-J162741-244645	RA: 16 27 41.6102 (246.9233758d)	Proper Motion RA: 0.8 mas/yr	
		Dec: -24 46 44.74 (-24.77909d)	Proper Motion Dec: -25.299999970229692 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	10	1	1	27.75	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
1	SHORT(A)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
1	SHORT(A)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
2	MEDIUM(B)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2	MEDIUM(B)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
3	LONG(C)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3	LONG(C)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	

Observation

Proposal 7135, Observation 6

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

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
(6)	GY92-323	RA: 16 27 41.7528 (246.9239700d)	Proper Motion RA: -2.4 mas/yr	
		Dec: -24 43 36.10 (-24.72669d)	Proper Motion Dec: -21.699999979318818 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	10	1	1	27.75	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
1	SHORT(A)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
1	SHORT(A)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
2	MEDIUM(B)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2	MEDIUM(B)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
3	LONG(C)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3	LONG(C)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	

Special Requirements	Group Observations 6, 42, Non-interruptible

Observation

Proposal 7135, Observation 7

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

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
(7)	BBRCG-14	RA: 16 26 53.4694 (246.7227892d) Dec: -24 32 36.25 (-24.54340d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	10	1	1	27.75	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
1	SHORT(A)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
1	SHORT(A)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
2	MEDIUM(B)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2	MEDIUM(B)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
3	LONG(C)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3	LONG(C)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	

Observation

Proposal 7135, Observation 8

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

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
(8)	2MASS-J16214848-2340273	RA: 16 21 48.4827 (245.4520113d)	Proper Motion RA: -5.68 mas/yr	
		Dec: -23 40 27.29 (-23.67425d)	Proper Motion Dec: -27.279000050839386 mas/yr	
		Equinox: J2000	Parallax: 0.0068889"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	10	1	1	27.75	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
1	SHORT(A)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
1	SHORT(A)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
2	MEDIUM(B)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2	MEDIUM(B)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
3	LONG(C)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3	LONG(C)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	

Observation

Proposal 7135, Observation 9

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

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
(9)	CRBR-2317.5-1729	RA: 16 26 18.9823 (246.5790929d) Dec: -24 24 14.26 (-24.40396d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	10	1	1	27.75	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
1	SHORT(A)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
1	SHORT(A)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
2	MEDIUM(B)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2	MEDIUM(B)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
3	LONG(C)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3	LONG(C)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	

Observation

Proposal 7135, Observation 10

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

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
(10)	GY92-188	RA: 16 27 3.0072 (246.7625300d) Dec: -24 26 14.70 (-24.43742d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	10	1	1	27.75	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
1	SHORT(A)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
1	SHORT(A)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
2	MEDIUM(B)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2	MEDIUM(B)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
3	LONG(C)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3	LONG(C)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	

Observation

Proposal 7135, Observation 105

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: Repeat failed observation 5

Diagnostics

(Visit 105:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	BKLT-J162741-244645	RA: 16 27 41.6102 (246.9233758d)	Proper Motion RA: 0.8 mas/yr	
		Dec: -24 46 44.74 (-24.77909d)	Proper Motion Dec: -25.299999970229692 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	10	1	1	27.75	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
1	SHORT(A)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
1	SHORT(A)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
2	MEDIUM(B)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
2	MEDIUM(B)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3		IMAGER	F770W	FASTR1	10	4	1	Dither 1	4	16	477.307	
3	LONG(C)	MRSLONG		FASTR1	35	3	1	Dither 1	4	12	1187.717	
3	LONG(C)	MRSSHORT		FASTR1	35	3	1	Dither 1	4	12	1187.717	

Observation

Proposal 7135, Observation 11

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

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
(11)	GY92-260	RA: 16 27 26.2855 (246.8595229d)	Proper Motion RA: -6.4 mas/yr	
		Dec: -24 42 46.13 (-24.71281d)	Proper Motion Dec: -28.700000098069722 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 12

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

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
(12)	2MASS-J16271643-2431145	RA: 16 27 16.4380 (246.8184917d) Dec: -24 31 14.55 (-24.52071d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 14

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	WL-7	RA: 16 26 42.1433 (246.6755971d) Dec: -24 31 2.95 (-24.51749d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 15

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(15)	BKLT-J162858-244054	RA: 16 28 57.8688 (247.2411200d) Dec: -24 40 54.92 (-24.68192d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 16

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(16)	2MASS-J16274825-2442256	RA: 16 27 48.2500 (246.9510417d)	Proper Motion RA: -9.7 mas/yr	
		Dec: -24 42 25.60 (-24.70711d)	Proper Motion Dec: -20.600000016202102 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 17

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(17)	GY92-213	RA: 16 27 9.3533 (246.7889721d)	Proper Motion RA: -7.3 mas/yr	
		Dec: -24 40 22.43 (-24.67290d)	Proper Motion Dec: -26.80000006876071 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Special Requirements	Group Observations 17, 45, Non-interruptible

Observation

Proposal 7135, Observation 18

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(18)	WL-19	RA: 16 27 11.7142 (246.7988092d)	Proper Motion RA: -6.4 mas/yr	
		Dec: -24 38 32.06 (-24.64224d)	Proper Motion Dec: -22.799999942435534 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 20

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(20)	GY92-284	RA: 16 27 30.8467 (246.8785279d)	Proper Motion RA: -5.853 mas/yr	
		Dec: -24 24 56.09 (-24.41558d)	Proper Motion Dec: -27.005000015378755 mas/yr	
		Equinox: J2000	Parallax: 0.0070478"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 21

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(21)	GY92-91	RA: 16 26 40.4695 (246.6686229d) Dec: -24 27 14.47 (-24.45402d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 22

Fri Sep 11 16:00:17 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(22)	WL-2	RA: 16 26 48.4862 (246.7020258d) Dec: -24 28 38.91 (-24.47748d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 23

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(23)	GY92-30	RA: 16 26 25.4892 (246.6062050d) Dec: -24 23 1.56 (-24.38377d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 111

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: Repeat of skipped observation 11

Diagnostics

(Visit 111:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(11)	GY92-260	RA: 16 27 26.2855 (246.8595229d)	Proper Motion RA: -6.4 mas/yr	
		Dec: -24 42 46.13 (-24.71281d)	Proper Motion Dec: -28.700000098069722 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 115 Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: Repeat of skipped observation 15

Diagnostics

(Visit 115:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(15)	BKLT-J162858-244054	RA: 16 28 57.8688 (247.2411200d) Dec: -24 40 54.92 (-24.68192d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 116

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: Repeat of skipped observation 16

Diagnostics

(Visit 116:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(16)	2MASS-J16274825-2442256	RA: 16 27 48.2500 (246.9510417d)	Proper Motion RA: -9.7 mas/yr	
		Dec: -24 42 25.60 (-24.70711d)	Proper Motion Dec: -20.600000016202102 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 120

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: Repeat of skipped observation 20

Diagnostics

(Visit 120:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(20)	GY92-284	RA: 16 27 30.8467 (246.8785279d)	Proper Motion RA: -5.853 mas/yr	
		Dec: -24 24 56.09 (-24.41558d)	Proper Motion Dec: -27.005000015378755 mas/yr	
		Equinox: J2000	Parallax: 0.0070478"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138694

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Observation

Proposal 7135, Observation 24

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(24)	GY92-197	RA: 16 27 5.2462 (246.7718592d) Dec: -24 36 29.79 (-24.60827d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
2		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
3		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	

Observation

Proposal 7135, Observation 25

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(25)	VSSG-31	RA: 16 27 4.1069 (246.7671121d) Dec: -24 28 29.91 (-24.47497d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
2		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
3		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	

Observation

Proposal 7135, Observation 26

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(26)	CRBR-2315.8-1700	RA: 16 26 17.2294 (246.5717892d) Dec: -24 23 45.37 (-24.39594d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
2		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
3		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	

Observation

Proposal 7135, Observation 27

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(27)	2MASS-J16313383-2404466	RA: 16 31 33.8363 (247.8909846d)	Proper Motion RA: -4.773 mas/yr	
		Dec: -24 04 46.66 (-24.07963d)	Proper Motion Dec: -25.980999930652615 mas/yr	
		Equinox: J2000	Parallax: 0.0073127"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
2		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
3		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	

Observation

Proposal 7135, Observation 28

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(28)	ISO-Oph-203	RA: 16 31 52.4470 (247.9685292d) Dec: -24 55 36.08 (-24.92669d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
2		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
3		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	

Observation

Proposal 7135, Observation 29

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 29:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(29)	WLY-1-43	RA: 16 27 11.1799 (246.7965829d)	Proper Motion RA: -5.6 mas/yr	
		Dec: -24 40 46.67 (-24.67963d)	Proper Motion Dec: -22.099999910096813 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
2		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
3		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	

Observation

Proposal 7135, Observation 127

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: Repeat of skipped observation 27

Diagnostics

(Visit 127:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(27)	2MASS-J16313383-2404466	RA: 16 31 33.8363 (247.8909846d)	Proper Motion RA: -4.773 mas/yr	
		Dec: -24 04 46.66 (-24.07963d)	Proper Motion Dec: -25.980999930652615 mas/yr	
		Equinox: J2000	Parallax: 0.0073127"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
2		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
3		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	

Observation

Proposal 7135, Observation 128

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: Repeat of skipped observation 28

Diagnostics

(Visit 128:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(28)	ISO-Oph-203	RA: 16 31 52.4470 (247.9685292d) Dec: -24 55 36.08 (-24.92669d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
1	SHORT(A)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
2		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	
3		IMAGER	F770W	FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSLONG		FASTR1	20	3	1	Dither 1	4	12	688.21	
3	LONG(C)	MRSSHORT		FASTR1	20	3	1	Dither 1	4	12	688.21	

Observation

Proposal 7135, Observation 31

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(31)	ISO-Oph-200	RA: 16 31 43.7630 (247.9323458d)	Proper Motion RA: -7.731000000000001 mas/yr	
		Dec: -24 55 24.55 (-24.92349d)	Proper Motion Dec: -23.06100004716427 mas/yr	
		Equinox: J2000	Parallax: 0.006659399999999999"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
2		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
3		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	

Special Requirements	Group Observations 31, 48, Non-interruptible

Observation

Proposal 7135, Observation 32

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 32:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(32)	CRBR-2422.8-3423	RA: 16 27 24.6132 (246.8525550d)	Proper Motion RA: -12.2 mas/yr	
		Dec: -24 41 3.41 (-24.68428d)	Proper Motion Dec: -20.800000083909254 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
2		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
3		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	

Special Requirements	Group Observations 32, 44, Non-interruptible

Observation

Proposal 7135, Observation 33

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(33)	WLY-2-69	RA: 16 32 21.0552 (248.0877300d)	Proper Motion RA: -4.776 mas/yr	
		Dec: -24 30 35.94 (-24.50998d)	Proper Motion Dec: -23.82999996370927 mas/yr	
		Equinox: J2000	Parallax: 0.0065114"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
2		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
3		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	

Observation

Proposal 7135, Observation 35

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 35:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(35)	YLW-45	RA: 16 27 39.8282 (246.9159508d) Dec: -24 43 15.07 (-24.72085d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
2		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
3		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	

Observation

Proposal 7135, Observation 36

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 36:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(36)	WL-17	RA: 16 27 6.7762 (246.7782342d)	Proper Motion RA: -10.0 mas/yr	
		Dec: -24 38 15.00 (-24.63750d)	Proper Motion Dec: -27.900000031877425 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
2		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
3		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	

Observation

Proposal 7135, Observation 133

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: Repeat of skipped observation 33

Diagnostics

(Visit 133:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(33)	WLY-2-69	RA: 16 32 21.0552 (248.0877300d)	Proper Motion RA: -4.776 mas/yr	
		Dec: -24 30 35.94 (-24.50998d)	Proper Motion Dec: -23.82999996370927 mas/yr	
		Equinox: J2000	Parallax: 0.0065114"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
2		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
3		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	

Observation

Proposal 7135, Observation 135

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: Repeat of skipped observation 35

Diagnostics

(Visit 135:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(35)	YLW-45	RA: 16 27 39.8282 (246.9159508d) Dec: -24 43 15.07 (-24.72085d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
1	SHORT(A)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
2		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	
3		IMAGER	F770W	FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSLONG		FASTR1	20	2	1	Dither 1	4	8	455.107	
3	LONG(C)	MRSSHORT		FASTR1	20	2	1	Dither 1	4	8	455.107	

Observation

Proposal 7135, Observation 37

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(37)	YLW-13B	RA: 16 27 21.4687 (246.8394529d)	Proper Motion RA: -9.6 mas/yr	
		Dec: -24 41 43.07 (-24.69530d)	Proper Motion Dec: -21.300000048540824 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
1	SHORT(A)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
1	SHORT(A)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	
2		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
2	MEDIUM(B)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
2	MEDIUM(B)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	
3		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
3	LONG(C)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
3	LONG(C)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	

Observation

Proposal 7135, Observation 38

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(38)	YLW-52	RA: 16 27 51.8047 (246.9658529d) Dec: -24 31 45.53 (-24.52931d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
1	SHORT(A)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
1	SHORT(A)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	
2		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
2	MEDIUM(B)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
2	MEDIUM(B)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	
3		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
3	LONG(C)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
3	LONG(C)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	

Observation

Proposal 7135, Observation 39

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 39:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(39)	ISO-Oph-204	RA: 16 31 52.1204 (247.9671683d)	Proper Motion RA: -6.851 mas/yr	
		Dec: -24 56 15.71 (-24.93770d)	Proper Motion Dec: -22.484999999505817 mas/yr	
		Equinox: J2000	Parallax: 0.0065366999999999995"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
1	SHORT(A)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
1	SHORT(A)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	
2		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
2	MEDIUM(B)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
2	MEDIUM(B)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	
3		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
3	LONG(C)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
3	LONG(C)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	

Observation

Proposal 7135, Observation 40

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 40:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(40)	WL-6	RA: 16 27 21.8045 (246.8408521d) Dec: -24 29 53.36 (-24.49816d) Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
1	SHORT(A)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
1	SHORT(A)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	
2		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
2	MEDIUM(B)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
2	MEDIUM(B)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	
3		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
3	LONG(C)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
3	LONG(C)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	

Observation

Proposal 7135, Observation 139

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Comments: Repeat of skipped observation 39

Diagnostics

(Visit 139:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(39)	ISO-Oph-204	RA: 16 31 52.1204 (247.9671683d)	Proper Motion RA: -6.851 mas/yr	
		Dec: -24 56 15.71 (-24.93770d)	Proper Motion Dec: -22.484999999505817 mas/yr	
		Equinox: J2000	Parallax: 0.0065366999999999995"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.

SIMBAD listed proper motion for this target. When retrieving targets with PM from SIMBAD, APT requests the coordinates be calculated with an epoch of the year 2000. Do not modify this epoch. Always review coordinates using the Target Confirmation tool, which graphically displays the PM.
Category=Star
Description=[Protoplanetary disks, Protostars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
1	SHORT(A)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
1	SHORT(A)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	
2		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
2	MEDIUM(B)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
2	MEDIUM(B)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	
3		IMAGER	F770W	FASTR1	10	3	1	Dither 1	4	12	355.205	
3	LONG(C)	MRSLONG		FASTR1	10	3	1	Dither 1	4	12	355.205	
3	LONG(C)	MRSSHORT		FASTR1	10	3	1	Dither 1	4	12	355.205	

Observation

Proposal 7135, Observation 41: 13-19group

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 41:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(41)	Group Oph13-19group			

Comments:
Target Selection=[13 WLY-2-33, 19 YLW-10B]

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Special Requirements	Group Observations 41, 43, Non-interruptible

Observation

Proposal 7135, Observation 51: 13-19group - Repeat of obs 41

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 51:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(41)	Group Oph13-19group			

Comments:
Target Selection=[13 WLY-2-33, 19 YLW-10B]

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	FND	FAST	4	1	1	11.1	138698

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	
3		IMAGER	F770W	FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	4	8	677.11	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	4	8	677.11	

Special Requirements	Group Observations 51, 53, Non-interruptible

Observation

Proposal 7135, Observation 42: BKG_6-35-16

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 42:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(42)	BKG_6-35-16	RA: 16 27 39.3332 (246.9138883d) Dec: -24 44 21.53 (-24.73931d) Equinox: J2000	Epoch of Position: 2000	

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

Acquisition

#	Target
1	NONE

Template

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

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	4	1	Dither 1	2	8	238.653	
1	SHORT(A)	MRSLONG		FASTR1	35	3	1	Dither 1	2	6	593.859	
1	SHORT(A)	MRSSHORT		FASTR1	35	3	1	Dither 1	2	6	593.859	
2		IMAGER	F770W	FASTR1	10	4	1	Dither 1	2	8	238.653	
2	MEDIUM(B)	MRSLONG		FASTR1	35	3	1	Dither 1	2	6	593.859	
2	MEDIUM(B)	MRSSHORT		FASTR1	35	3	1	Dither 1	2	6	593.859	
3		IMAGER	F770W	FASTR1	10	4	1	Dither 1	2	8	238.653	
3	LONG(C)	MRSLONG		FASTR1	35	3	1	Dither 1	2	6	593.859	
3	LONG(C)	MRSSHORT		FASTR1	35	3	1	Dither 1	2	6	593.859	

Special Requirements	Group Observations 6, 42, Non-interruptible

Observation

Proposal 7135, Observation 43: BKG_4-12-13-19-20-34-40

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 43:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(43)	BKG_4-12-13-19-20-34-40	RA: 16 27 21.7467 (246.8406112d) Dec: -24 26 13.35 (-24.43704d) Equinox: J2000	Epoch of Position: 2000	

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

Acquisition

#	Target
1	NONE

Template

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

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	4	1	Dither 1	2	8	238.653	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	2	4	338.555	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	2	4	338.555	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	2	4	338.555	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	2	4	338.555	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	2	4	338.555	
3		IMAGER	F770W	FASTR1	10	4	1	Dither 1	2	8	238.653	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	2	4	338.555	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	2	4	338.555	

Special Requirements	Group Observations 41, 43, Non-interruptible

Observation

Proposal 7135, Observation 53: BKG_4-12-13-19-20-34-40 - Repeat of Obs 43 Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 53:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(43)	BKG_4-12-13-19-20-34-40	RA: 16 27 21.7467 (246.8406112d) Dec: -24 26 13.35 (-24.43704d) Equinox: J2000	Epoch of Position: 2000	

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

Acquisition

#	Target
1	NONE

Template

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

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	4	1	Dither 1	2	8	238.653	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	2	4	338.555	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	2	4	338.555	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	2	4	338.555	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	2	4	338.555	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	2	4	338.555	
3		IMAGER	F770W	FASTR1	10	4	1	Dither 1	2	8	238.653	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	2	4	338.555	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	2	4	338.555	

Special Requirements	Group Observations 51, 53, Non-interruptible

Observation

Proposal 7135, Observation 45: BKG_17-29-18-36 Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 45:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(45)	BKG_17-29-18-36	RA: 16 27 0.8842 (246.7536842d) Dec: -24 40 14.20 (-24.67061d) Equinox: J2000	Epoch of Position: 2000	

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

Acquisition

#	Target
1	NONE

Template

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

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	4	1	Dither 1	2	8	238.653	
1	SHORT(A)	MRSLONG		FASTR1	30	2	1	Dither 1	2	4	338.555	
1	SHORT(A)	MRSSHORT		FASTR1	30	2	1	Dither 1	2	4	338.555	
2		IMAGER	F770W	FASTR1	30	2	1	Dither 1	2	4	338.555	
2	MEDIUM(B)	MRSLONG		FASTR1	30	2	1	Dither 1	2	4	338.555	
2	MEDIUM(B)	MRSSHORT		FASTR1	30	2	1	Dither 1	2	4	338.555	
3		IMAGER	F770W	FASTR1	10	4	1	Dither 1	2	8	238.653	
3	LONG(C)	MRSLONG		FASTR1	30	2	1	Dither 1	2	4	338.555	
3	LONG(C)	MRSSHORT		FASTR1	30	2	1	Dither 1	2	4	338.555	

Special Requirements	Group Observations 17, 45, Non-interruptible

Observation

Proposal 7135, Observation 44: BKG_11-32-37

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 44:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(44)	BKG_11-32-37	RA: 16 27 21.8649 (246.8411037d) Dec: -24 43 0.46 (-24.71679d) Equinox: J2000	Epoch of Position: 2000	

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

Acquisition

#	Target
1	NONE

Template

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

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	2	1	Dither 1	2	4	227.553	
1	SHORT(A)	MRSLONG		FASTR1	20	2	1	Dither 1	2	4	227.553	
1	SHORT(A)	MRSSHORT		FASTR1	20	2	1	Dither 1	2	4	227.553	
2		IMAGER	F770W	FASTR1	20	2	1	Dither 1	2	4	227.553	
2	MEDIUM(B)	MRSLONG		FASTR1	20	2	1	Dither 1	2	4	227.553	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	2	1	Dither 1	2	4	227.553	
3		IMAGER	F770W	FASTR1	20	2	1	Dither 1	2	4	227.553	
3	LONG(C)	MRSLONG		FASTR1	20	2	1	Dither 1	2	4	227.553	
3	LONG(C)	MRSSHORT		FASTR1	20	2	1	Dither 1	2	4	227.553	

Special Requirements	Group Observations 32, 44, Non-interruptible

Observation

Proposal 7135, Observation 46: BKG_1-2-10-21-22-25

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 46:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(46)	BKG_1-2-10-21-22-25	RA: 16 26 55.0736 (246.7294733d) Dec: -24 27 52.11 (-24.46447d) Equinox: J2000	Epoch of Position: 2000	

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

Acquisition

#	Target
1	NONE

Template

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

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	1	1	Dither 1	2	2	55.501	
1	SHORT(A)	MRSLONG		FASTR1	40	3	1	Dither 1	2	6	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	40	3	1	Dither 1	2	6	677.11	
2		IMAGER	F770W	FASTR1	10	1	1	Dither 1	2	2	55.501	
2	MEDIUM(B)	MRSLONG		FASTR1	40	3	1	Dither 1	2	6	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	40	3	1	Dither 1	2	6	677.11	
3		IMAGER	F770W	FASTR1	10	1	1	Dither 1	2	2	55.501	
3	LONG(C)	MRSLONG		FASTR1	40	3	1	Dither 1	2	6	677.11	
3	LONG(C)	MRSSHORT		FASTR1	40	3	1	Dither 1	2	6	677.11	

Special Requirements	Group Observations 1, 46, Non-interruptible

Observation

Proposal 7135, Observation 47: BKG_3-7-14

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 47:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(47)	BKG_3-7-14	RA: 16 26 47.6555 (246.6985646d) Dec: -24 31 52.82 (-24.53134d) Equinox: J2000	Epoch of Position: 2000	

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

Acquisition

#	Target
1	NONE

Template

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

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	10	1	1	Dither 1	2	2	55.501	
1	SHORT(A)	MRSLONG		FASTR1	40	3	1	Dither 1	2	6	677.11	
1	SHORT(A)	MRSSHORT		FASTR1	40	3	1	Dither 1	2	6	677.11	
2		IMAGER	F770W	FASTR1	10	1	1	Dither 1	2	2	55.501	
2	MEDIUM(B)	MRSLONG		FASTR1	40	3	1	Dither 1	2	6	677.11	
2	MEDIUM(B)	MRSSHORT		FASTR1	40	3	1	Dither 1	2	6	677.11	
3		IMAGER	F770W	FASTR1	10	1	1	Dither 1	2	2	55.501	
3	LONG(C)	MRSLONG		FASTR1	40	3	1	Dither 1	2	6	677.11	
3	LONG(C)	MRSSHORT		FASTR1	40	3	1	Dither 1	2	6	677.11	

Special Requirements	Group Observations 3, 47, Non-interruptible

Observation

Proposal 7135, Observation 48: BKG_28-31-39

Fri Sep 11 16:00:18 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(Visit 48:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(48)	BKG_28-31-39	RA: 16 31 50.1757 (247.9590654d) Dec: -24 55 2.27 (-24.91730d) Equinox: J2000	Epoch of Position: 2000	

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

Acquisition

#	Target
1	NONE

Template

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

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F770W	FASTR1	20	2	1	Dither 1	2	4	227.553	
1	SHORT(A)	MRSLONG		FASTR1	20	2	1	Dither 1	2	4	227.553	
1	SHORT(A)	MRSSHORT		FASTR1	20	2	1	Dither 1	2	4	227.553	
2		IMAGER	F770W	FASTR1	20	2	1	Dither 1	2	4	227.553	
2	MEDIUM(B)	MRSLONG		FASTR1	20	2	1	Dither 1	2	4	227.553	
2	MEDIUM(B)	MRSSHORT		FASTR1	20	2	1	Dither 1	2	4	227.553	
3		IMAGER	F770W	FASTR1	20	2	1	Dither 1	2	4	227.553	
3	LONG(C)	MRSLONG		FASTR1	20	2	1	Dither 1	2	4	227.553	
3	LONG(C)	MRSSHORT		FASTR1	20	2	1	Dither 1	2	4	227.553	

Special Requirements	Group Observations 31, 48, Non-interruptible