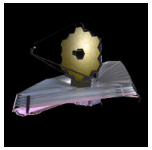

7715 - Unique insights into the chemical composition of interstellar silicate dust grains in the Milky Way

Cycle: 4, Proposal Category: GO

INVESTIGATORS

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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
MIRI MRS				
	1	HD000108	MIRI Medium Resolution Spectroscopy	(1) HD000108
	2	HD013841	MIRI Medium Resolution Spectroscopy	(2) HD013841
	3	HD014818	MIRI Medium Resolution Spectroscopy	(3) HD014818
	4	HD024534	MIRI Medium Resolution Spectroscopy	(4) HD024534
	5	HD030614	MIRI Medium Resolution Spectroscopy	(5) HD030614
	6	HD035149	MIRI Medium Resolution Spectroscopy	(6) HD035149
	7	HD037021	MIRI Medium Resolution Spectroscopy	(7) HD037021
	8	HD037061	MIRI Medium Resolution Spectroscopy	(8) HD037061
	9	HD040111	MIRI Medium Resolution Spectroscopy	(9) HD040111
	10	HD041117	MIRI Medium Resolution Spectroscopy	(10) HD041117

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	11	HD053975	MIRI Medium Resolution Spectroscopy	(11) HD053975
	12	HD057061	MIRI Medium Resolution Spectroscopy	(12) HD057061
	13	HD062542	MIRI Medium Resolution Spectroscopy	(13) HD062542
	14	HD094493	MIRI Medium Resolution Spectroscopy	(14) HD094493
	15	HD099953	MIRI Medium Resolution Spectroscopy	(15) HD099953
	16	HD104705	MIRI Medium Resolution Spectroscopy	(16) HD104705
	17	HD115071	MIRI Medium Resolution Spectroscopy	(17) HD115071
	18	HD116781	MIRI Medium Resolution Spectroscopy	(18) HD116781
	19	HD122879	MIRI Medium Resolution Spectroscopy	(19) HD122879
	20	HD124314	MIRI Medium Resolution Spectroscopy	(20) HD124314
	21	HD147933	MIRI Medium Resolution Spectroscopy	(21) HD147933
	23	HD154368	MIRI Medium Resolution Spectroscopy	(23) HD154368
	24	HD210809	MIRI Medium Resolution Spectroscopy	(24) HD210809
	25	HD218915	MIRI Medium Resolution Spectroscopy	(25) HD218915
	26	HD224151	MIRI Medium Resolution Spectroscopy	(26) HD224151

ABSTRACT

We propose to observe a carefully selected sample of 26 Milky Way stars with the MIRI Medium-Resolution Spectrometer to measure the detailed characteristics of the 10 micron silicate extinction feature. Variations in the feature properties (such as its strength, width and peak wavelength) will reveal variations in the properties of interstellar silicate grains between different sightlines. Combining these measurements with existing elemental abundance measurements of Mg, Fe, Si and O for the same sample of sightlines, will provide unprecedented insights into the detailed chemical composition of silicate dust grains in the interstellar medium.

OBSERVING DESCRIPTION

We propose to observe 26 Milky Way stars with the MIRI Medium-Resolution Spectrometer (MRS) to measure the 10 micron silicate extinction feature. With the resolution of the MRS we will be able to measure the detailed profile of the feature, and detect small shifts in its peak wavelength and variations in its width between different sightlines. To fully cover the silicate feature (and surrounding continuum extinction), we will observe with the MRS in all three wavelength ranges in all four channels. We request a total of 38 hours to obtain the required SNR to study the details of the silicate extinction feature.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	HD000108	RA: 00 06 3.3891 (1.5141213d) Dec: +63 40 46.77 (63.67966d) Equinox: J2000	Proper Motion RA: -4.284 mas/yr Proper Motion Dec: -1.992000011341588 mas/yr Parallax: 4.98E-4" 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=[O stars]* *Extended=NO*		
(2)	HD013841	RA: 02 16 46.3907 (34.1932946d) Dec: +57 01 45.67 (57.02935d) Equinox: J2000	Proper Motion RA: -0.628 mas/yr Proper Motion Dec: -1.3990000070407405 mas/yr Parallax: 4.137E-4" 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=[B supergiants]* *Extended=NO*		
(3)	HD014818	RA: 02 25 16.0283 (36.3167846d) Dec: +56 36 35.35 (56.60982d) Equinox: J2000	Proper Motion RA: -0.508 mas/yr Proper Motion Dec: -1.1819999826911953 mas/yr Parallax: 4.424E-4" 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=[B supergiants]* *Extended=NO*		
(4)	HD024534	RA: 03 55 23.0777 (58.8461571d) Dec: +31 02 45.04 (31.04584d) Equinox: J2000	Proper Motion RA: -1.282 mas/yr Proper Motion Dec: -1.8690000842980226 mas/yr Parallax: 0.0016274" 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=[O giants, X-ray binary stars]* *Extended=NO*		

(5)	HD030614	RA: 04 54 3.0114 (73.5125475d)	Proper Motion RA: 0.22199999999999998 mas/yr
		Dec: +66 20 33.63 (66.34267d)	Proper Motion Dec: 7.198000000000001 mas/yr
		Equinox: J2000	Parallax: 5.916000000000001E-4"
			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=[O supergiants]
Extended=NO

(6)	HD035149	RA: 05 22 50.0040 (80.7083500d)	Proper Motion RA: -1.8019999999999998 mas/yr
		Dec: +03 32 40.05 (3.54446d)	Proper Motion Dec: -3.4760000062306062 mas/yr
		Equinox: J2000	Parallax: 0.0018430999999999999"
			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=[B stars]
Extended=NO

(7)	HD037021	RA: 05 35 16.1340 (83.8172250d)	Proper Motion RA: 1.28 mas/yr
		Dec: -05 23 6.78 (-5.38522d)	Proper Motion Dec: 1.278 mas/yr
		Equinox: J2000	Parallax: 0.0026547999999999997"
			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=[B stars, Eclipsing binary stars]
Extended=NO

(8)	HD037061	RA: 05 35 31.3649 (83.8806871d)	Proper Motion RA: 0.922 mas/yr
		Dec: -05 16 2.58 (-5.26738d)	Proper Motion Dec: 1.7179999999999997 mas/yr
		Equinox: J2000	Parallax: 0.0024059"
			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=[B stars]
Extended=NO

(9)	HD040111	RA: 05 57 59.6569 (89.4985704d)	Proper Motion RA: -1.909 mas/yr
		Dec: +25 57 14.08 (25.95391d)	Proper Motion Dec: -2.1090000018375576 mas/yr
		Equinox: J2000	Parallax: 8.615000000000001E-4"
			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=[B supergiants]
Extended=NO

(10)	HD041117	RA: 06 03 55.1844 (90.9799350d)	Proper Motion RA: 0.962 mas/yr
		Dec: +20 08 18.43 (20.13845d)	Proper Motion Dec: -2.500000027794158 mas/yr
		Equinox: J2000	Parallax: 7.635999999999999E-4"
			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=[B supergiants]
Extended=NO

(11)	HD053975	RA: 07 06 35.9652 (106.6498550d)	Proper Motion RA: -3.723 mas/yr
		Dec: -12 23 38.22 (-12.39395d)	Proper Motion Dec: 0.661 mas/yr
		Equinox: J2000	Parallax: 8.668E-4"
			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=[O stars]
Extended=NO

(12)	HD057061	RA: 07 18 42.4850 (109.6770208d)	Proper Motion RA: -1.815 mas/yr
		Dec: -24 57 15.70 (-24.95436d)	Proper Motion Dec: -0.49599993872107007 mas/yr
		Equinox: J2000	Parallax: 5.765E-4"
			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=[O giants]
Extended=NO

(13)	HD062542	RA: 07 42 37.2148 (115.6550617d)	Proper Motion RA: -8.901 mas/yr
		Dec: -42 13 47.83 (-42.22995d)	Proper Motion Dec: 5.343 mas/yr
		Equinox: J2000	Parallax: 0.0027229"
			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=[B stars]
Extended=NO

(14)	HD094493	RA: 10 53 15.0996 (163.3129150d)	Proper Motion RA: -5.298 mas/yr
		Dec: -60 48 53.20 (-60.81478d)	Proper Motion Dec: 3.018 mas/yr
		Equinox: J2000	Parallax: 4.5579999999999997E-4"
			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=[B supergiants]
Extended=NO

(15)	HD099953	RA: 11 29 15.1354 (172.3130642d)	Proper Motion RA: -6.535 mas/yr
		Dec: -63 33 14.18 (-63.55394d)	Proper Motion Dec: 0.877 mas/yr
		Equinox: J2000	Parallax: 3.9529999999999996E-4"
			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=[B supergiants]
Extended=NO

(16)	HD104705	RA: 12 03 23.9085 (180.8496187d)	Proper Motion RA: -5.162 mas/yr
		Dec: -62 41 45.83 (-62.69606d)	Proper Motion Dec: 0.22799999999999998 mas/yr
		Equinox: J2000	Parallax: 5.076000000000001E-4"
			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=[B supergiants, Pulsating variable stars]
Extended=NO

(17)	HD115071	RA: 13 16 4.8011 (199.0200046d)	Proper Motion RA: -4.567 mas/yr
		Dec: -62 35 1.49 (-62.58375d)	Proper Motion Dec: -1.6859999732332653 mas/yr
		Equinox: J2000	Parallax: 5.88E-4"
			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=[B stars]
Extended=NO

(18)	HD116781	RA: 13 27 25.0584 (201.8544100d)	Proper Motion RA: -6.442 mas/yr
		Dec: -62 38 56.45 (-62.64901d)	Proper Motion Dec: -1.493999957347114 mas/yr
		Equinox: J2000	Parallax: 4.614E-4"
			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=[B giants]
Extended=NO

(19)	HD122879	RA: 14 06 25.1578 (211.6048242d)	Proper Motion RA: -2.249 mas/yr
		Dec: -59 42 57.25 (-59.71590d)	Proper Motion Dec: -0.3149999429297168 mas/yr
		Equinox: J2000	Parallax: 4.32E-4"
			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=[B supergiants]
Extended=NO

(20)	HD124314	RA: 14 15 1.6062 (213.7566925d)	Proper Motion RA: -3.85 mas/yr
		Dec: -61 42 24.38 (-61.70677d)	Proper Motion Dec: -1.9799999336100882 mas/yr
		Equinox: J2000	Parallax: 3.2E-4"
			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=[Multiple stars, O giants]
Extended=NO

(21)	HD147933	RA: 16 25 35.1186 (246.3963275d)	Proper Motion RA: -4.385 mas/yr
		Dec: -23 26 49.83 (-23.44718d)	Proper Motion Dec: -23.296999938793306 mas/yr
		Equinox: J2000	Parallax: 0.007261"
			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=[B stars]
Extended=NO

(23)	HD154368	RA: 17 06 28.3688 (256.6182033d)	Proper Motion RA: 1.231 mas/yr
		Dec: -35 27 3.76 (-35.45104d)	Proper Motion Dec: -2.1749999177700374 mas/yr
		Equinox: J2000	Parallax: 9.396E-4"
			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=[O supergiants]
Extended=NO

(24)	HD210809	RA: 22 11 38.6005 (332.9108354d)	Proper Motion RA: -4.646 mas/yr
		Dec: +52 25 47.95 (52.42999d)	Proper Motion Dec: -1.9099999917671084 mas/yr
		Equinox: J2000	Parallax: 2.478E-4"
			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=[O supergiants]
Extended=NO

(25)	HD218915	RA: 23 11 6.9484 (347.7789517d)	Proper Motion RA: -2.292 mas/yr
		Dec: +53 03 29.65 (53.05824d)	Proper Motion Dec: -5.527999996957078 mas/yr
		Equinox: J2000	Parallax: 3.192E-4"
			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=[O supergiants]
Extended=NO

	(26)	HD224151	RA: 23 55 33.8387 (358.8909946d) Dec: +57 24 43.81 (57.41217d) Equinox: J2000	Proper Motion RA: -4.06 mas/yr Proper Motion Dec: -0.019999924916191958 mas/yr Parallax: 5.019E-4" 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=[B giants]
Extended=NO

Observation

Proposal 7715, Observation 1: HD000108

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD000108 (Obs 1)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	HD000108	RA: 00 06 3.3891 (1.5141213d)	Proper Motion RA: -4.284 mas/yr	
		Dec: +63 40 46.77 (63.67966d)	Proper Motion Dec: -1.992000011341588 mas/yr	
		Equinox: J2000	Parallax: 4.98E-4"	
			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=[O stars]
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	224561

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	15	1	1	Dither 1	4	4	166.502	
1	SHORT(A)	MRSLONG		FASTR1	15	1	1	Dither 1	4	4	166.502	249457
1	SHORT(A)	MRSSHORT		FASTR1	15	1	1	Dither 1	4	4	166.502	249457
2		IMAGER	F1000W	FASTR1	20	1	1	Dither 1	4	4	222.003	
2	MEDIUM(B)	MRSLONG		FASTR1	20	1	1	Dither 1	4	4	222.003	249457
2	MEDIUM(B)	MRSSHORT		FASTR1	20	1	1	Dither 1	4	4	222.003	249457
3		IMAGER	F1280W	FASTR1	22	1	1	Dither 1	4	4	244.204	
3	LONG(C)	MRSLONG		FASTR1	22	1	1	Dither 1	4	4	244.204	249457
3	LONG(C)	MRSSHORT		FASTR1	22	1	1	Dither 1	4	4	244.204	249457

Observation

Proposal 7715, Observation 2: HD013841

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD013841 (Obs 2)) Warning (Form): Imager Filter overlap.

(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)	HD013841	RA: 02 16 46.3907 (34.1932946d)	Proper Motion RA: -0.628 mas/yr	
		Dec: +57 01 45.67 (57.02935d)	Proper Motion Dec: -1.3990000070407405 mas/yr	
		Equinox: J2000	Parallax: 4.137E-4"	
			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=[B supergiants]
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	225224

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	13	1	1	Dither 1	4	4	144.302	
1	SHORT(A)	MRSLONG		FASTR1	13	1	1	Dither 1	4	4	144.302	249460
1	SHORT(A)	MRSSHORT		FASTR1	13	1	1	Dither 1	4	4	144.302	249460
2		IMAGER	F1000W	FASTR1	16	1	1	Dither 1	4	4	177.603	
2	MEDIUM(B)	MRSLONG		FASTR1	16	1	1	Dither 1	4	4	177.603	249460
2	MEDIUM(B)	MRSSHORT		FASTR1	16	1	1	Dither 1	4	4	177.603	249460
3		IMAGER	F1280W	FASTR1	17	1	1	Dither 1	4	4	188.703	
3	LONG(C)	MRSLONG		FASTR1	17	1	1	Dither 1	4	4	188.703	249460
3	LONG(C)	MRSSHORT		FASTR1	17	1	1	Dither 1	4	4	188.703	249460

Observation

Proposal 7715, Observation 3: HD014818

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD014818 (Obs 3)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	HD014818	RA: 02 25 16.0283 (36.3167846d)	Proper Motion RA: -0.508 mas/yr	
		Dec: +56 36 35.35 (56.60982d)	Proper Motion Dec: -1.1819999826911953 mas/yr	
		Equinox: J2000	Parallax: 4.424E-4"	
			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=[B supergiants]
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	225230

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	7	1	1	Dither 1	4	4	77.701	
1	SHORT(A)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249462
1	SHORT(A)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249462
2		IMAGER	F1000W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	MEDIUM(B)	MRSLONG		FASTR1	8	1	1	Dither 1	4	4	88.801	249462
2	MEDIUM(B)	MRSSHORT		FASTR1	8	1	1	Dither 1	4	4	88.801	249462
3		IMAGER	F1280W	FASTR1	8	1	1	Dither 1	4	4	88.801	
3	LONG(C)	MRSLONG		FASTR1	8	1	1	Dither 1	4	4	88.801	249462
3	LONG(C)	MRSSHORT		FASTR1	8	1	1	Dither 1	4	4	88.801	249462

Observation

Proposal 7715, Observation 4: HD024534

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD024534 (Obs 4)) Warning (Form): Imager Filter overlap.

(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)	HD024534	RA: 03 55 23.0777 (58.8461571d)	Proper Motion RA: -1.282 mas/yr	
		Dec: +31 02 45.04 (31.04584d)	Proper Motion Dec: -1.8690000842980226 mas/yr	
		Equinox: J2000	Parallax: 0.0016274"	
			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=[O giants, X-ray binary stars]
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	223543

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	8	1	1	Dither 1	4	4	88.801	
1	SHORT(A)	MRSLONG		FASTR1	8	1	1	Dither 1	4	4	88.801	249463
1	SHORT(A)	MRSSHORT		FASTR1	8	1	1	Dither 1	4	4	88.801	249463
2		IMAGER	F1000W	FASTR1	9	1	1	Dither 1	4	4	99.901	
2	MEDIUM(B)	MRSLONG		FASTR1	9	1	1	Dither 1	4	4	99.901	249463
2	MEDIUM(B)	MRSSHORT		FASTR1	9	1	1	Dither 1	4	4	99.901	249463
3		IMAGER	F1280W	FASTR1	9	1	1	Dither 1	4	4	99.901	
3	LONG(C)	MRSLONG		FASTR1	9	1	1	Dither 1	4	4	99.901	249463
3	LONG(C)	MRSSHORT		FASTR1	9	1	1	Dither 1	4	4	99.901	249463

Observation

Proposal 7715, Observation 5: HD030614

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD030614 (Obs 5)) Warning (Form): Imager Filter overlap.

(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)	HD030614	RA: 04 54 3.0114 (73.5125475d)	Proper Motion RA: 0.22199999999999998 mas/yr	
		Dec: +66 20 33.63 (66.34267d)	Proper Motion Dec: 7.198000000000001 mas/yr	
		Equinox: J2000	Parallax: 5.916000000000001E-4"	
			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=[O supergiants]
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	225232

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	7	1	1	Dither 1	4	4	77.701	
1	SHORT(A)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249466
1	SHORT(A)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249466
2		IMAGER	F1000W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	MEDIUM(B)	MRSLONG		FASTR1	8	1	1	Dither 1	4	4	88.801	249466
2	MEDIUM(B)	MRSSHORT		FASTR1	8	1	1	Dither 1	4	4	88.801	249466
3		IMAGER	F1280W	FASTR1	8	1	1	Dither 1	4	4	88.801	
3	LONG(C)	MRSLONG		FASTR1	8	1	1	Dither 1	4	4	88.801	249466
3	LONG(C)	MRSSHORT		FASTR1	8	1	1	Dither 1	4	4	88.801	249466

Observation

Proposal 7715, Observation 6: HD035149

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD035149 (Obs 6)) Warning (Form): Imager Filter overlap.

(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)	HD035149	RA: 05 22 50.0040 (80.7083500d)	Proper Motion RA: -1.8019999999999998 mas/yr	
		Dec: +03 32 40.05 (3.54446d)	Proper Motion Dec: -3.4760000062306062 mas/yr	
		Equinox: J2000	Parallax: 0.0018430999999999999"	
			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=[B stars]
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	225238

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	26	1	1	Dither 1	4	4	288.604	
1	SHORT(A)	MRSLONG		FASTR1	26	1	1	Dither 1	4	4	288.604	249468
1	SHORT(A)	MRSSHORT		FASTR1	26	1	1	Dither 1	4	4	288.604	249468
2		IMAGER	F1000W	FASTR1	36	1	1	Dither 1	4	4	399.606	
2	MEDIUM(B)	MRSLONG		FASTR1	36	1	1	Dither 1	4	4	399.606	249468
2	MEDIUM(B)	MRSSHORT		FASTR1	36	1	1	Dither 1	4	4	399.606	249468
3		IMAGER	F1280W	FASTR1	40	1	1	Dither 1	4	4	444.006	
3	LONG(C)	MRSLONG		FASTR1	40	1	1	Dither 1	4	4	444.006	249468
3	LONG(C)	MRSSHORT		FASTR1	40	1	1	Dither 1	4	4	444.006	249468

Observation

Proposal 7715, Observation 7: HD037021

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD037021 (Obs 7)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HD037021	RA: 05 35 16.1340 (83.8172250d)	Proper Motion RA: 1.28 mas/yr	
		Dec: -05 23 6.78 (-5.38522d)	Proper Motion Dec: 1.278 mas/yr	
		Equinox: J2000	Parallax: 0.0026547999999999997"	
			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=[B stars, Eclipsing binary stars]
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	225239

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	8	1	1	Dither 1	4	4	88.801	
1	SHORT(A)	MRSLONG		FASTR1	8	1	1	Dither 1	4	4	88.801	249471
1	SHORT(A)	MRSSHORT		FASTR1	8	1	1	Dither 1	4	4	88.801	249471
2		IMAGER	F1000W	FASTR1	9	1	1	Dither 1	4	4	99.901	
2	MEDIUM(B)	MRSLONG		FASTR1	9	1	1	Dither 1	4	4	99.901	249471
2	MEDIUM(B)	MRSSHORT		FASTR1	9	1	1	Dither 1	4	4	99.901	249471
3		IMAGER	F1280W	FASTR1	9	1	1	Dither 1	4	4	99.901	
3	LONG(C)	MRSLONG		FASTR1	9	1	1	Dither 1	4	4	99.901	249471
3	LONG(C)	MRSSHORT		FASTR1	9	1	1	Dither 1	4	4	99.901	249471

Observation

Proposal 7715, Observation 8: HD037061

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD037061 (Obs 8)) Warning (Form): Imager Filter overlap.

(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)	HD037061	RA: 05 35 31.3649 (83.8806871d)	Proper Motion RA: 0.922 mas/yr	
		Dec: -05 16 2.58 (-5.26738d)	Proper Motion Dec: 1.7179999999999997 mas/yr	
		Equinox: J2000	Parallax: 0.0024059"	
			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=[B stars]
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	225252

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	7	1	1	Dither 1	4	4	77.701	
1	SHORT(A)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249470
1	SHORT(A)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249470
2		IMAGER	F1000W	FASTR1	7	1	1	Dither 1	4	4	77.701	
2	MEDIUM(B)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249470
2	MEDIUM(B)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249470
3		IMAGER	F1280W	FASTR1	8	1	1	Dither 1	4	4	88.801	
3	LONG(C)	MRSLONG		FASTR1	8	1	1	Dither 1	4	4	88.801	249470
3	LONG(C)	MRSSHORT		FASTR1	8	1	1	Dither 1	4	4	88.801	249470

Observation

Proposal 7715, Observation 9: HD040111

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD040111 (Obs 9)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(9)	HD040111	RA: 05 57 59.6569 (89.4985704d)	Proper Motion RA: -1.909 mas/yr	
		Dec: +25 57 14.08 (25.95391d)	Proper Motion Dec: -2.1090000018375576 mas/yr	
		Equinox: J2000	Parallax: 8.615000000000001E-4"	
			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=[B supergiants]
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	225254

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	22	1	1	Dither 1	4	4	244.204	
1	SHORT(A)	MRSLONG		FASTR1	22	1	1	Dither 1	4	4	244.204	249472
1	SHORT(A)	MRSSHORT		FASTR1	22	1	1	Dither 1	4	4	244.204	249472
2		IMAGER	F1000W	FASTR1	31	1	1	Dither 1	4	4	344.105	
2	MEDIUM(B)	MRSLONG		FASTR1	31	1	1	Dither 1	4	4	344.105	249472
2	MEDIUM(B)	MRSSHORT		FASTR1	31	1	1	Dither 1	4	4	344.105	249472
3		IMAGER	F1280W	FASTR1	34	1	1	Dither 1	4	4	377.405	
3	LONG(C)	MRSLONG		FASTR1	34	1	1	Dither 1	4	4	377.405	249472
3	LONG(C)	MRSSHORT		FASTR1	34	1	1	Dither 1	4	4	377.405	249472

Observation

Proposal 7715, Observation 10: HD041117

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD041117 (Obs 10)) Warning (Form): Imager Filter overlap.

(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)	HD041117	RA: 06 03 55.1844 (90.9799350d)	Proper Motion RA: 0.962 mas/yr	
		Dec: +20 08 18.43 (20.13845d)	Proper Motion Dec: -2.500000027794158 mas/yr	
		Equinox: J2000	Parallax: 7.635999999999999E-4"	
			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=[B supergiants]
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	225256

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	7	1	1	Dither 1	4	4	77.701	
1	SHORT(A)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249474
1	SHORT(A)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249474
2		IMAGER	F1000W	FASTR1	7	1	1	Dither 1	4	4	77.701	
2	MEDIUM(B)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249474
2	MEDIUM(B)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249474
3		IMAGER	F1280W	FASTR1	7	1	1	Dither 1	4	4	77.701	
3	LONG(C)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249474
3	LONG(C)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249474

Observation

Proposal 7715, Observation 11: HD053975

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD053975 (Obs 11)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(11)	HD053975	RA: 07 06 35.9652 (106.6498550d)	Proper Motion RA: -3.723 mas/yr	
		Dec: -12 23 38.22 (-12.39395d)	Proper Motion Dec: 0.661 mas/yr	
		Equinox: J2000	Parallax: 8.668E-4"	
			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=[O stars]
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	225393

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	24	1	1	Dither 1	4	4	266.404	
1	SHORT(A)	MRSLONG		FASTR1	24	1	1	Dither 1	4	4	266.404	249475
1	SHORT(A)	MRSSHORT		FASTR1	24	1	1	Dither 1	4	4	266.404	249475
2		IMAGER	F1000W	FASTR1	34	1	1	Dither 1	4	4	377.405	
2	MEDIUM(B)	MRSLONG		FASTR1	34	1	1	Dither 1	4	4	377.405	249475
2	MEDIUM(B)	MRSSHORT		FASTR1	34	1	1	Dither 1	4	4	377.405	249475
3		IMAGER	F1280W	FASTR1	37	1	1	Dither 1	4	4	410.706	
3	LONG(C)	MRSLONG		FASTR1	37	1	1	Dither 1	4	4	410.706	249475
3	LONG(C)	MRSSHORT		FASTR1	37	1	1	Dither 1	4	4	410.706	249475

Observation

Proposal 7715, Observation 12: HD057061

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD057061 (Obs 12)) Warning (Form): Imager Filter overlap.

(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)	HD057061	RA: 07 18 42.4850 (109.6770208d)	Proper Motion RA: -1.815 mas/yr	
		Dec: -24 57 15.70 (-24.95436d)	Proper Motion Dec: -0.49599993872107007 mas/yr	
		Equinox: J2000	Parallax: 5.765E-4"	
			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=[O giants]
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	225395

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	10	1	1	Dither 1	4	4	111.002	249476
1	SHORT(A)	MRSSHORT		FASTR1	10	1	1	Dither 1	4	4	111.002	249476
2		IMAGER	F1000W	FASTR1	13	1	1	Dither 1	4	4	144.302	
2	MEDIUM(B)	MRSLONG		FASTR1	13	1	1	Dither 1	4	4	144.302	249476
2	MEDIUM(B)	MRSSHORT		FASTR1	13	1	1	Dither 1	4	4	144.302	249476
3		IMAGER	F1280W	FASTR1	14	1	1	Dither 1	4	4	155.402	
3	LONG(C)	MRSLONG		FASTR1	14	1	1	Dither 1	4	4	155.402	249476
3	LONG(C)	MRSSHORT		FASTR1	14	1	1	Dither 1	4	4	155.402	249476

Observation

Proposal 7715, Observation 13: HD062542

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD062542 (Obs 13)) Warning (Form): Imager Filter overlap.

(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(13)	HD062542	RA: 07 42 37.2148 (115.6550617d)	Proper Motion RA: -8.901 mas/yr	
		Dec: -42 13 47.83 (-42.22995d)	Proper Motion Dec: 5.343 mas/yr	
		Equinox: J2000	Parallax: 0.0027229"	
			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=[B stars]
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	225398

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	21	1	1	Dither 1	4	4	233.103	
1	SHORT(A)	MRSLONG		FASTR1	21	1	1	Dither 1	4	4	233.103	249478
1	SHORT(A)	MRSSHORT		FASTR1	21	1	1	Dither 1	4	4	233.103	249478
2		IMAGER	F1000W	FASTR1	25	1	1	Dither 1	4	4	277.504	
2	MEDIUM(B)	MRSLONG		FASTR1	25	1	1	Dither 1	4	4	277.504	249478
2	MEDIUM(B)	MRSSHORT		FASTR1	25	1	1	Dither 1	4	4	277.504	249478
3		IMAGER	F1280W	FASTR1	27	1	1	Dither 1	4	4	299.704	
3	LONG(C)	MRSLONG		FASTR1	27	1	1	Dither 1	4	4	299.704	249478
3	LONG(C)	MRSSHORT		FASTR1	27	1	1	Dither 1	4	4	299.704	249478

Observation

Proposal 7715, Observation 14: HD094493

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD094493 (Obs 14)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	HD094493	RA: 10 53 15.0996 (163.3129150d)	Proper Motion RA: -5.298 mas/yr	
		Dec: -60 48 53.20 (-60.81478d)	Proper Motion Dec: 3.018 mas/yr	
		Equinox: J2000	Parallax: 4.5579999999999997E-4"	
			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=[B supergiants]
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	225459

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	27	1	1	Dither 1	4	4	299.704	
1	SHORT(A)	MRSLONG		FASTR1	27	1	1	Dither 1	4	4	299.704	249479
1	SHORT(A)	MRSSHORT		FASTR1	27	1	1	Dither 1	4	4	299.704	249479
2		IMAGER	F1000W	FASTR1	38	1	1	Dither 1	4	4	421.806	
2	MEDIUM(B)	MRSLONG		FASTR1	38	1	1	Dither 1	4	4	421.806	249479
2	MEDIUM(B)	MRSSHORT		FASTR1	38	1	1	Dither 1	4	4	421.806	249479
3		IMAGER	F1280W	FASTR1	41	1	1	Dither 1	4	4	455.107	
3	LONG(C)	MRSLONG		FASTR1	41	1	1	Dither 1	4	4	455.107	249479
3	LONG(C)	MRSSHORT		FASTR1	41	1	1	Dither 1	4	4	455.107	249479

Observation

Proposal 7715, Observation 15: HD099953

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD099953 (Obs 15)) Warning (Form): Imager Filter overlap.

(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)	HD099953	RA: 11 29 15.1354 (172.3130642d)	Proper Motion RA: -6.535 mas/yr	
		Dec: -63 33 14.18 (-63.55394d)	Proper Motion Dec: 0.877 mas/yr	
		Equinox: J2000	Parallax: 3.9529999999999996E-4"	
			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=[B supergiants]
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	225460

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	7	1	1	Dither 1	4	4	77.701	
1	SHORT(A)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249480
1	SHORT(A)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249480
2		IMAGER	F1000W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	MEDIUM(B)	MRSLONG		FASTR1	8	1	1	Dither 1	4	4	88.801	249480
2	MEDIUM(B)	MRSSHORT		FASTR1	8	1	1	Dither 1	4	4	88.801	249480
3		IMAGER	F1280W	FASTR1	8	1	1	Dither 1	4	4	88.801	
3	LONG(C)	MRSLONG		FASTR1	8	1	1	Dither 1	4	4	88.801	249480
3	LONG(C)	MRSSHORT		FASTR1	8	1	1	Dither 1	4	4	88.801	249480

Observation

Proposal 7715, Observation 16: HD104705

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD104705 (Obs 16)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(16)	HD104705	RA: 12 03 23.9085 (180.8496187d)	Proper Motion RA: -5.162 mas/yr	
		Dec: -62 41 45.83 (-62.69606d)	Proper Motion Dec: 0.22799999999999998 mas/yr	
		Equinox: J2000	Parallax: 5.076000000000001E-4"	
			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=[B supergiants, Pulsating variable stars]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	SAME	F1500W	FAST	4	1	1	11.1	225471

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	39	1	1	Dither 1	4	4	432.906	
1	SHORT(A)	MRSLONG		FASTR1	39	1	1	Dither 1	4	4	432.906	249485
1	SHORT(A)	MRSSHORT		FASTR1	39	1	1	Dither 1	4	4	432.906	249485
2		IMAGER	F1000W	FASTR1	55	1	1	Dither 1	4	4	610.509	
2	MEDIUM(B)	MRSLONG		FASTR1	55	1	1	Dither 1	4	4	610.509	249485
2	MEDIUM(B)	MRSSHORT		FASTR1	55	1	1	Dither 1	4	4	610.509	249485
3		IMAGER	F1280W	FASTR1	60	1	1	Dither 1	4	4	666.01	
3	LONG(C)	MRSLONG		FASTR1	60	1	1	Dither 1	4	4	666.01	249485
3	LONG(C)	MRSSHORT		FASTR1	60	1	1	Dither 1	4	4	666.01	249485

Observation

Proposal 7715, Observation 17: HD115071

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD115071 (Obs 17)) Warning (Form): Imager Filter overlap.

(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)	HD115071	RA: 13 16 4.8011 (199.0200046d)	Proper Motion RA: -4.567 mas/yr	
		Dec: -62 35 1.49 (-62.58375d)	Proper Motion Dec: -1.6859999732332653 mas/yr	
		Equinox: J2000	Parallax: 5.88E-4"	
			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=[B stars]
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	225540

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	18	1	1	Dither 1	4	4	199.803	
1	SHORT(A)	MRSLONG		FASTR1	18	1	1	Dither 1	4	4	199.803	249486
1	SHORT(A)	MRSSHORT		FASTR1	18	1	1	Dither 1	4	4	199.803	249486
2		IMAGER	F1000W	FASTR1	21	1	1	Dither 1	4	4	233.103	
2	MEDIUM(B)	MRSLONG		FASTR1	21	1	1	Dither 1	4	4	233.103	249486
2	MEDIUM(B)	MRSSHORT		FASTR1	21	1	1	Dither 1	4	4	233.103	249486
3		IMAGER	F1280W	FASTR1	22	1	1	Dither 1	4	4	244.204	
3	LONG(C)	MRSLONG		FASTR1	22	1	1	Dither 1	4	4	244.204	249486
3	LONG(C)	MRSSHORT		FASTR1	22	1	1	Dither 1	4	4	244.204	249486

Observation

Proposal 7715, Observation 18: HD116781

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD116781 (Obs 18)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(18)	HD116781	RA: 13 27 25.0584 (201.8544100d)	Proper Motion RA: -6.442 mas/yr	
		Dec: -62 38 56.45 (-62.64901d)	Proper Motion Dec: -1.493999957347114 mas/yr	
		Equinox: J2000	Parallax: 4.614E-4"	
			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=[B giants]
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	225556

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	13	1	1	Dither 1	4	4	144.302	
1	SHORT(A)	MRSLONG		FASTR1	13	1	1	Dither 1	4	4	144.302	249487
1	SHORT(A)	MRSSHORT		FASTR1	13	1	1	Dither 1	4	4	144.302	249487
2		IMAGER	F1000W	FASTR1	14	1	1	Dither 1	4	4	155.402	
2	MEDIUM(B)	MRSLONG		FASTR1	14	1	1	Dither 1	4	4	155.402	249487
2	MEDIUM(B)	MRSSHORT		FASTR1	14	1	1	Dither 1	4	4	155.402	249487
3		IMAGER	F1280W	FASTR1	15	1	1	Dither 1	4	4	166.502	
3	LONG(C)	MRSLONG		FASTR1	15	1	1	Dither 1	4	4	166.502	249487
3	LONG(C)	MRSSHORT		FASTR1	15	1	1	Dither 1	4	4	166.502	249487

Observation

Proposal 7715, Observation 19: HD122879

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD122879 (Obs 19)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(19)	HD122879	RA: 14 06 25.1578 (211.6048242d)	Proper Motion RA: -2.249 mas/yr	
		Dec: -59 42 57.25 (-59.71590d)	Proper Motion Dec: -0.3149999429297168 mas/yr	
		Equinox: J2000	Parallax: 4.32E-4"	
			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=[B supergiants]
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	225552

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	9	1	1	Dither 1	4	4	99.901	
1	SHORT(A)	MRSLONG		FASTR1	9	1	1	Dither 1	4	4	99.901	249489
1	SHORT(A)	MRSSHORT		FASTR1	9	1	1	Dither 1	4	4	99.901	249489
2		IMAGER	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
2	MEDIUM(B)	MRSLONG		FASTR1	11	1	1	Dither 1	4	4	122.102	249489
2	MEDIUM(B)	MRSSHORT		FASTR1	11	1	1	Dither 1	4	4	122.102	249489
3		IMAGER	F1280W	FASTR1	12	1	1	Dither 1	4	4	133.202	
3	LONG(C)	MRSLONG		FASTR1	12	1	1	Dither 1	4	4	133.202	249489
3	LONG(C)	MRSSHORT		FASTR1	12	1	1	Dither 1	4	4	133.202	249489

Observation

Proposal 7715, Observation 20: HD124314

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD124314 (Obs 20)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(20)	HD124314	RA: 14 15 1.6062 (213.7566925d)	Proper Motion RA: -3.85 mas/yr	
		Dec: -61 42 24.38 (-61.70677d)	Proper Motion Dec: -1.9799999336100882 mas/yr	
		Equinox: J2000	Parallax: 3.2E-4"	
			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=[Multiple stars, O giants]
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	225553

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	9	1	1	Dither 1	4	4	99.901	
1	SHORT(A)	MRSLONG		FASTR1	9	1	1	Dither 1	4	4	99.901	249490
1	SHORT(A)	MRSSHORT		FASTR1	9	1	1	Dither 1	4	4	99.901	249490
2		IMAGER	F1000W	FASTR1	10	1	1	Dither 1	4	4	111.002	
2	MEDIUM(B)	MRSLONG		FASTR1	10	1	1	Dither 1	4	4	111.002	249490
2	MEDIUM(B)	MRSSHORT		FASTR1	10	1	1	Dither 1	4	4	111.002	249490
3		IMAGER	F1280W	FASTR1	10	1	1	Dither 1	4	4	111.002	
3	LONG(C)	MRSLONG		FASTR1	10	1	1	Dither 1	4	4	111.002	249490
3	LONG(C)	MRSSHORT		FASTR1	10	1	1	Dither 1	4	4	111.002	249490

Observation

Proposal 7715, Observation 21: HD147933

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD147933 (Obs 21)) Warning (Form): Imager Filter overlap.

(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)	HD147933	RA: 16 25 35.1186 (246.3963275d)	Proper Motion RA: -4.385 mas/yr	
		Dec: -23 26 49.83 (-23.44718d)	Proper Motion Dec: -23.296999938793306 mas/yr	
		Equinox: J2000	Parallax: 0.007261"	
			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=[B stars]
Extended=NO

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	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	6	1	1	Dither 1	4	4	66.601	
1	SHORT(A)	MRSLONG		FASTR1	6	1	1	Dither 1	4	4	66.601	249491
1	SHORT(A)	MRSSHORT		FASTR1	6	1	1	Dither 1	4	4	66.601	249491
2		IMAGER	F1000W	FASTR1	7	1	1	Dither 1	4	4	77.701	
2	MEDIUM(B)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249491
2	MEDIUM(B)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249491
3		IMAGER	F1280W	FASTR1	7	1	1	Dither 1	4	4	77.701	
3	LONG(C)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249491
3	LONG(C)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249491

Observation

Proposal 7715, Observation 23: HD154368

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD154368 (Obs 23)) Warning (Form): Imager Filter overlap.

(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)	HD154368	RA: 17 06 28.3688 (256.6182033d)	Proper Motion RA: 1.231 mas/yr	
		Dec: -35 27 3.76 (-35.45104d)	Proper Motion Dec: -2.1749999177700374 mas/yr	
		Equinox: J2000	Parallax: 9.396E-4"	
			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=[O supergiants]
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	225741

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	7	1	1	Dither 1	4	4	77.701	
1	SHORT(A)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249496
1	SHORT(A)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249496
2		IMAGER	F1000W	FASTR1	7	1	1	Dither 1	4	4	77.701	
2	MEDIUM(B)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249496
2	MEDIUM(B)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249496
3		IMAGER	F1280W	FASTR1	7	1	1	Dither 1	4	4	77.701	
3	LONG(C)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249496
3	LONG(C)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249496

Observation

Proposal 7715, Observation 24: HD210809

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD210809 (Obs 24)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(24)	HD210809	RA: 22 11 38.6005 (332.9108354d)	Proper Motion RA: -4.646 mas/yr	
		Dec: +52 25 47.95 (52.42999d)	Proper Motion Dec: -1.9099999917671084 mas/yr	
		Equinox: J2000	Parallax: 2.478E-4"	
			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=[O supergiants]
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	225781

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	21	1	1	Dither 1	4	4	233.103	
1	SHORT(A)	MRSLONG		FASTR1	21	1	1	Dither 1	4	4	233.103	249497
1	SHORT(A)	MRSSHORT		FASTR1	21	1	1	Dither 1	4	4	233.103	249497
2		IMAGER	F1000W	FASTR1	29	1	1	Dither 1	4	4	321.905	
2	MEDIUM(B)	MRSLONG		FASTR1	29	1	1	Dither 1	4	4	321.905	249497
2	MEDIUM(B)	MRSSHORT		FASTR1	29	1	1	Dither 1	4	4	321.905	249497
3		IMAGER	F1280W	FASTR1	31	1	1	Dither 1	4	4	344.105	
3	LONG(C)	MRSLONG		FASTR1	31	1	1	Dither 1	4	4	344.105	249497
3	LONG(C)	MRSSHORT		FASTR1	31	1	1	Dither 1	4	4	344.105	249497

Observation

Proposal 7715, Observation 25: HD218915

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD218915 (Obs 25)) Warning (Form): Imager Filter overlap.

(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)	HD218915	RA: 23 11 6.9484 (347.7789517d)	Proper Motion RA: -2.292 mas/yr	
		Dec: +53 03 29.65 (53.05824d)	Proper Motion Dec: -5.527999996957078 mas/yr	
		Equinox: J2000	Parallax: 3.192E-4"	
			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=[O supergiants]
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	225784

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	19	1	1	Dither 1	4	4	210.903	
1	SHORT(A)	MRSLONG		FASTR1	19	1	1	Dither 1	4	4	210.903	249498
1	SHORT(A)	MRSSHORT		FASTR1	19	1	1	Dither 1	4	4	210.903	249498
2		IMAGER	F1000W	FASTR1	26	1	1	Dither 1	4	4	288.604	
2	MEDIUM(B)	MRSLONG		FASTR1	26	1	1	Dither 1	4	4	288.604	249498
2	MEDIUM(B)	MRSSHORT		FASTR1	26	1	1	Dither 1	4	4	288.604	249498
3		IMAGER	F1280W	FASTR1	28	1	1	Dither 1	4	4	310.804	
3	LONG(C)	MRSLONG		FASTR1	28	1	1	Dither 1	4	4	310.804	249498
3	LONG(C)	MRSSHORT		FASTR1	28	1	1	Dither 1	4	4	310.804	249498

Observation

Proposal 7715, Observation 26: HD224151

Mon Dec 01 21:00:55 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(HD224151 (Obs 26)) Warning (Form): Imager Filter overlap.

(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)	HD224151	RA: 23 55 33.8387 (358.8909946d)	Proper Motion RA: -4.06 mas/yr	
		Dec: +57 24 43.81 (57.41217d)	Proper Motion Dec: -0.019999924916191958 mas/yr	
		Equinox: J2000	Parallax: 5.019E-4"	
			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=[B giants]
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	225795

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	7	1	1	Dither 1	4	4	77.701	
1	SHORT(A)	MRSLONG		FASTR1	7	1	1	Dither 1	4	4	77.701	249499
1	SHORT(A)	MRSSHORT		FASTR1	7	1	1	Dither 1	4	4	77.701	249499
2		IMAGER	F1000W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	MEDIUM(B)	MRSLONG		FASTR1	8	1	1	Dither 1	4	4	88.801	249499
2	MEDIUM(B)	MRSSHORT		FASTR1	8	1	1	Dither 1	4	4	88.801	249499
3		IMAGER	F1280W	FASTR1	8	1	1	Dither 1	4	4	88.801	
3	LONG(C)	MRSLONG		FASTR1	8	1	1	Dither 1	4	4	88.801	249499
3	LONG(C)	MRSSHORT		FASTR1	8	1	1	Dither 1	4	4	88.801	249499