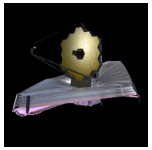

9224 - MIRI and NIRCam observations of a planetary nebula

Cycle: 3, Proposal Category: DD

INVESTIGATORS

Name	*Institution*
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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
Observation Folder				
	1	PN-CNTR-MIRI	MIRI Imaging	(1) Planetary-Nebula-Center
	2	PN-CNTR-NIRCam	NIRCam Imaging	(1) Planetary-Nebula-Center

ABSTRACT

This program will observe a planetary nebula with 4 MIRI filters and 2 narrow and 2 wide NIRCam filters

OBSERVING DESCRIPTION

This outreach program will observe a planetary nebula with 4 MIRI filters and 2 narrow and 2 wide NIRCam filters

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	Planetary-Nebula-Center	RA: 09 28 40.9689 (142.1707038d)	Proper Motion RA: -0.596 mas/yr	
		Dec: -49 36 46.65 (-49.61296d)	Proper Motion Dec: -1.3159999298295588 mas/yr	
		Equinox: J2000	Parallax: 4.107E-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=ISM
Description=[Planetary nebulae]

Observation

Proposal 9224, Observation 1: PN-CNTR-MIRI Mon Nov 18 14:00:16 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	Planetary-Nebula-Center	RA: 09 28 40.9689 (142.1707038d)	Proper Motion RA: -0.596 mas/yr	
		Dec: -49 36 46.65 (-49.61296d)	Proper Motion Dec: -1.3159999298295588 mas/yr	
		Equinox: J2000	Parallax: 4.107E-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=ISM
Description=[Planetary nebulae]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
1	2	10.0	10.0	0.0	0.0	DEFAULT

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	1	6						DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	20	1	1	Dither 1	6	6	333.005	206829
2	F1130W	FASTR1	40	1	1	Dither 1	6	6	666.01	206829
3	F1280W	FASTR1	20	1	1	Dither 1	6	6	333.005	206829
4	F1800W	FASTR1	20	1	1	Dither 1	6	6	333.005	206829

Special Requirements	
	Group Visits within 53.0 Days Visits Same PA

Observation

Proposal 9224, Observation 2: PN-CNTR-NIRCam Mon Nov 18 14:00:16 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	Planetary-Nebula-Center	RA: 09 28 40.9689 (142.1707038d)	Proper Motion RA: -0.596 mas/yr	
		Dec: -49 36 46.65 (-49.61296d)	Proper Motion Dec: -1.3159999298295588 mas/yr	
		Equinox: J2000	Parallax: 4.107E-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=ISM
Description=[Planetary nebulae]

Template

Module	Subarray
B	FULL

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	6	STANDARD		1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F187N	F470N+F444W	SHALLOW4	8	2	12	6	5089.229	
2	F150W	F444W	BRIGHT2	5	1	6	6	644.206	

Special Requirements

Aperture PA Range 10.05262691 to 18.55262691 Degrees (V3 10.0 to 18.5)
Aperture PA Range 30.55262691 to 32.55262691 Degrees (V3 30.5 to 32.5)
Aperture PA Range 35.55262691 to 42.55262691 Degrees (V3 35.5 to 42.5)
Aperture PA Range 50.55262691 to 106.55262691 Degrees (V3 50.5 to 106.5)