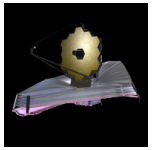

9232 - MIRI imaging observations of planetary nebula section

Cycle: 3, Proposal Category: DD

INVESTIGATORS

Name	*Institution*
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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
Observation Folder				
	1	PN_Corner_MIRI	MIRI Imaging	(1) Planetary_Nebula_MIRI
	2	PN-BKGND	MIRI Imaging	(2) Planetary_Nebula_IMAGE_BKGNG

ABSTRACT

Observations of a planetary nebula with three MIRI imaging filters. This proposal is aimed at completing the alredy available mosaic.

OBSERVING DESCRIPTION

Outreach program. Observations of a planetary nebula with three MIRI imaging filters. This proposal is aimed at completing the alredy available mosaic.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	Planetary_Nebula_MIRI	RA: 04 09 8.0301 (62.2834588d) Dec: +30 46 21.47 (30.77263d) Equinox: J2000	Proper Motion RA: -6.276 mas/yr Proper Motion Dec: 3.736 mas/yr Parallax: 0.0022034" 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]*				
(2)	Planetary_Nebula_IMAGE_BKGNG	RA: 04 08 58.1819 (62.2424246d) Dec: +30 49 41.40 (30.82817d) Equinox: J2000		
Comments: *Category=ISM* *Description=[Planetary nebulae]* *Extended=YES*				

Observation

Proposal 9232, Observation 1: PN_Corner_MIRI Fri Dec 20 18:00:25 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Background Observations:[PN-BKGND (Obs 2)]

Diagnostics

(PN_Corner_MIRI (Obs 1)) Warning (Form): Target requiring background exposure selected for template that doesn't require background exposure

(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)	Planetary_Nebula_MIRI	RA: 04 09 8.0301 (62.2834588d)	Proper Motion RA: -6.276 mas/yr	
		Dec: +30 46 21.47 (30.77263d)	Proper Motion Dec: 3.736 mas/yr	
		Equinox: J2000	Parallax: 0.0022034"	
			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

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point	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	F770W	FASTR1	43	1	1	Dither 1	2	2	238.653	206829
2	F1280W	FASTR1	43	1	1	Dither 1	2	2	238.653	206829
3	F2550W	FASTR1	43	1	1	Dither 1	2	2	238.653	206829

Special Requirements

Aperture PA Range 74.83544897 to 104.83544897 Degrees (V3 70.0 to 100.0)

Sequence Observations 2, 1 (reordered), Non-interruptible

Observation

Proposal 9232, Observation 2: PN-BKGND Fri Dec 20 18:00:25 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Background Observation For: [PN_Corner_MIRI (Obs 1)]

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)	Planetary_Nebula_IMAGE_BKGNG	RA: 04 08 58.1819 (62.2424246d) Dec: +30 49 41.40 (30.82817d) Equinox: J2000		

Comments:
Category=ISM
Description=[Planetary nebulae]
Extended=YES

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	4	3		5	1			LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	43	1	1	Dither 1	3	3	357.98	
2	F1280W	FASTR1	43	1	1	Dither 1	3	3	357.98	
3	F2550W	FASTR1	21	2	1	Dither 1	3	6	357.98	

Special Requirements

Sequence Observations 2, 1 (reordered), Non-interruptible