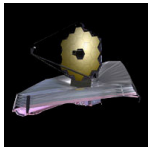

6778 - NIRCam observations of a star forming nebula

Cycle: 3, Proposal Category: DD

INVESTIGATORS

Name	*Institution*
Macarena Garcia Marin (PI) (ESA Member)	**Space Telescope Science Institute - ESA - JWST**
Dr. Christopher Britt (CoI) (CoPI) (Contact)	Space Telescope Science Institute
Dr. Quyen Hart (CoI) (CoPI) (Contact)	Space Telescope Science Institute
Dr. Stacey N Bright (CoI)	Space Telescope Science Institute
Joseph DePasquale (CoI)	Space Telescope Science Institute
Alyssa Pagan (CoI)	Space Telescope Science Institute
Yesenia Perez (CoI)	Space Telescope Science Institute
Christine Pulliam (CoI)	Space Telescope Science Institute

OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
Observation Folder				
	1	Star forming region	NIRCam Imaging	(1) SF_reg_1

ABSTRACT

We will observe this star forming region in 3 NIRCam wide filters, 2 narrow filters, and 1 medium filter, sufficiently deeply to allow for the creation of low-noise color-composite images.

OBSERVING DESCRIPTION

We will observe this star forming region in 3 NIRCam wide filters, 2 narrow filters, and 1 medium filter, sufficiently deeply to allow for the creation of low-noise color-composite images.

Proposal 6778 - Targets - NIRCam observations of a star forming nebula

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	SF_reg_1	RA: 17 20 41.8775 (260.1744896d) Dec: -35 49 36.24 (-35.82673d) Equinox: J2000		

Comments:
Category=ISM
Description=[Bright nebulae, H II regions, Molecular gas, Photodissociation regions, Protostars]

Observation

Proposal 6778, Observation 1: Star forming region

Tue Aug 13 19:00:38 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam 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.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	SF_reg_1	RA: 17 20 41.8775 (260.1744896d) Dec: -35 49 36.24 (-35.82673d) Equinox: J2000		

Comments:
Category=ISM
Description=[Bright nebulae, H II regions, Molecular gas, Photodissociation regions, Protostars]

Template

Module	Subarray	Target Placement
ALL	FULL	Module Gap

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
3	1	7.0	71.5	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	FULLBOX	5TIGHT	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	1	5	5	2093.67	206829
2	F090W	F277W	BRIGHT1	5	1	5	5	483.155	206829
3	F200W	F335M	BRIGHT2	5	1	5	5	536.838	206829

Special Requirements

Sequence Visits within 53 Days
Aperture PA Range 76.42542306 to 84.42542306 Degrees (V3 76.5 to 84.5)
Aperture PA Range 95.42542306 to 102.42542306 Degrees (V3 95.5 to 102.5)
Visits Same PA