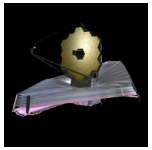

2107 - A JWST-HST-VLT/MUSE-ALMA Treasury of Star Formation in Nearby Galaxies

Cycle: 1, Proposal Category: GO

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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
Observation Folder				
	1	NGC1087	MIRI Imaging	(1) NGC-1087
	19	NGC1087-Nircam	NIRCam Imaging	(1) NGC-1087
	2	NGC1300	MIRI Imaging	(2) NGC-1300
	20	NGC1300-Nircam	NIRCam Imaging	(2) NGC-1300
	3	NGC1365	MIRI Imaging	(3) NGC-1365
	21	NGC1365-Nircam	NIRCam Imaging	(3) NGC-1365

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	22	NGC1385-Nircam	NIRCam Imaging	(4) NGC-1385
	4	NGC1385	MIRI Imaging	(4) NGC-1385
	5	NGC1433	MIRI Imaging	(5) NGC-1433
	23	NGC1433-Nircam	NIRCam Imaging	(5) NGC-1433
	6	NGC1512	MIRI Imaging	(6) NGC-1512
	24	NGC1512-Nircam	NIRCam Imaging	(6) NGC-1512
	7	NGC1566	MIRI Imaging	(7) NGC-1566
	25	NGC1566-Nircam	NIRCam Imaging	(7) NGC-1566
	8	NGC1672	MIRI Imaging	(8) NGC-1672
	26	NGC1672-Nircam	NIRCam Imaging	(8) NGC-1672
	9	NGC2835	MIRI Imaging	(9) NGC-2835
	27	NGC2835-Nircam	NIRCam Imaging	(9) NGC-2835
	10	NGC3351	MIRI Imaging	(10) NGC-3351
	28	NGC3351-Nircam	NIRCam Imaging	(10) NGC-3351
	11	NGC3627	MIRI Imaging	(11) NGC-3627
	29	NGC3627-Nircam	NIRCam Imaging	(11) NGC-3627
	12	NGC4254	MIRI Imaging	(12) NGC-4254
	30	NGC4254-Nircam	NIRCam Imaging	(12) NGC-4254
	13	NGC4303	MIRI Imaging	(13) NGC-4303
	31	NGC4303-Nircam	NIRCam Imaging	(13) NGC-4303
	44	NGC4303-Nircam Copy of Tile-1	NIRCam Imaging	(20) NGC-4303-TILE-1
	14	NGC4321	MIRI Imaging	(14) NGC-4321
	32	NGC4321-Nircam	NIRCam Imaging	(14) NGC-4321
	43	NGC4321-Nircam	NIRCam Imaging	(14) NGC-4321
	15	NGC4535	MIRI Imaging	(15) NGC-4535
	33	NGC4535-Nircam	NIRCam Imaging	(15) NGC-4535
	16	NGC5068	MIRI Imaging	(16) NGC-5068
	34	NGC5068-Nircam	NIRCam Imaging	(16) NGC-5068
	18	IC5332	MIRI Imaging	(17) IC-5332
	36	IC5332-Nircam	NIRCam Imaging	(17) IC-5332
	42	IC5332-Nircam	NIRCam Imaging	(17) IC-5332
	39	NGC628	MIRI Imaging	(18) NGC-628

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	40	NGC628-Nircam	NIRCam Imaging	(18) NGC-628
	38	NGC7496	MIRI Imaging	(19) NGC-7496
	41	NGC7496-Nircam	NIRCam Imaging	(19) NGC-7496

ABSTRACT

We propose a Treasury program to obtain 2-21 micron NIRCam+MIRI imaging of the unique sample of 19 nearby (d < 20 Mpc) star-forming main sequence galaxies with public HST, ALMA, and VLT-MUSE data. By resolving IR emission across these 19 morphologically diverse galaxies into individual regions and clusters (5-50 pc scales), the proposed JWST measurements will enable a complete inventory of star formation activity in our targets, accurately measure the mass and age of their stellar clusters, pinpoint the youngest embedded clusters, and reveal the physical state of the small dust grains that heat the ISM. We will generate and rapidly release high level data products that will fuel diverse, high impact science in the fields of star formation, feedback, ISM physics and galaxy evolution. In combination with UV-optical Hubble imaging of 10,000 clusters, MUSE spectroscopy mapping of 20,000 HII regions, and 12,000 ALMA-identified molecular clouds, our team will use the Treasury data to measure the timescales and efficiencies of the earliest phases of star formation and stellar feedback, build the first empirical model of how small dust grain properties depend on local ISM conditions, and quantitatively establish how dust-reprocessed starlight traces star formation activity and mass, all across a representative range of conditions in the z=0 universe. In short, this Treasury will provide a revolutionary data set to the JWST community early on, spur major scientific advances, and build on recent legacy programs of HST, ALMA and MUSE.

OBSERVING DESCRIPTION

We target 19 nearby, star-forming galaxies with NIRCam and MIRI imaging. We cover the main star-forming area of the disks of each galaxy, matched to coverage from Hubble, VLT-MUSE, and ALMA, with 1-4 pointing mosaics. Specifically, we use 1-2 pointings for NIRCam and 2-4 pointings for MIRI, per galaxy. For both NIRCam and MIRI we use 10% overlap between rows and columns of mosaic tiles. To maximize observing efficiency, we operate MIRI in parallel - pointing at blank sky during the NIRCam observation

For the NIRCam observations, we use the B Module and an INTRAMODULEBOX dither pattern with 4 primary dithers. We obtain four F200W observations with the BRIGHT1 readout pattern (two with 5 groups/integration and 4 dithers, yielding 386.5s, and two with 3 groups/integration and 4 dithers, yielding 214.7s). In total, our full F200W exposure time is 1,202s. Simultaneously with F200W in the LW filter, we observe with F300M, F335M, and F360M. F300M and F335M are paired with the longer F200W exposures, 386.5s each. In the last two F200W exposures, both are with F360M, for a total exposure time of 429.4s.

For the MIRI observations, we use a 4-point dither pattern optimized for extended sources. We observe with the F770W, F1000W, F1130W and F2100W filters. These observations use the FAST readout pattern and the following groups x integrations: 8x1 (88.8s), 11x1 (122.1s), 28x1 (310.8s), 14x2 (310.8s), for F770W, F1000W, F1130W, and F2100W, respectively. Because the target fills the MIRI field of view, we also obtain a background measurement using the same exposure pattern and dithering for a blank region of sky near the galaxy.

We include the following special requirements: 1) a timing requirement that ensures the MIRI background (which is in parallel with the NIRCam observation of the galaxy) occurs directly following the MIRI observation of the target; 2) position angle requirements to ensure that the MIRI observations will overlap the coverage of the existing HST, MUSE, ALMA maps, 3) position angle requirements to ensure that the NIRCam observations will also overlap the coverage of the existing HST, MUSE, ALMA map, but that the MIRI background observation, which is taken in parallel, will be pointed to blank sky. We have attempted to widen the orient constraints to maximize the observability windows with a resulting minimum window of 2 weeks.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NGC-1087	RA: 02 46 25.5019 (41.6062579d) Dec: -00 30 3.92 (-.50109d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Spiral galaxies]*				
(2)	NGC-1300	RA: 03 19 40.1816 (49.9174233d) Dec: -19 24 47.28 (-19.41313d) Equinox: J2000		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*				
(3)	NGC-1365	RA: 03 33 34.7668 (53.3948617d) Dec: -36 08 35.33 (-36.14315d) Equinox: J2000		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*				
(4)	NGC-1385	RA: 03 37 28.9967 (54.3708196d) Dec: -24 30 8.50 (-24.50236d) Equinox: J2000		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*				
(5)	NGC-1433	RA: 03 42 0.8233 (55.5034304d) Dec: -47 13 28.56 (-47.22460d) Equinox: J2000		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*				
(6)	NGC-1512	RA: 04 03 54.2810 (60.9761708d) Dec: -43 20 55.86 (-43.34885d) Equinox: J2000		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*				
(7)	NGC-1566	RA: 04 20 1.0500 (65.0043750d) Dec: -54 56 28.50 (-54.94125d) Equinox: J2000		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*				
(8)	NGC-1672	RA: 04 45 41.8231 (71.4242629d) Dec: -59 14 45.38 (-59.24594d) Equinox: J2000		
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*				

(9)	NGC-2835	RA: 09 17 52.6870 (139.4695292d) Dec: -22 21 15.38 (-22.35427d) Equinox: J2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*		
(10)	NGC-3351	RA: 10 43 57.8018 (160.9908408d) Dec: +11 42 10.98 (11.70305d) Equinox: J2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*		
(11)	NGC-3627	RA: 11 20 14.4251 (170.0601046d) Dec: +12 59 1.53 (12.98376d) Equinox: J2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*		
(12)	NGC-4254	RA: 12 18 50.3811 (184.7099213d) Dec: +14 25 21.58 (14.42266d) Equinox: J2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*		
(13)	NGC-4303	RA: 12 21 55.0855 (185.4795229d) Dec: +04 28 34.16 (4.47616d) Equinox: J2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*		
(14)	NGC-4321	RA: 12 22 55.2964 (185.7304017d) Dec: +15 49 22.82 (15.82301d) Equinox: J2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*		
(15)	NGC-4535	RA: 12 34 20.1549 (188.5839787d) Dec: +08 11 47.38 (8.19649d) Equinox: J2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*		
(16)	NGC-5068	RA: 13 18 51.8000 (199.7158333d) Dec: -21 02 9.72 (-21.03603d) Equinox: J2000
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*		

	(17)	IC-5332	RA: 23 34 28.1660 (353.6173583d) Dec: -36 05 53.93 (-36.09831d) Equinox: J2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*			
	(18)	NGC-628	RA: 01 36 41.7720 (24.1740500d) Dec: +15 47 0.46 (15.78346d) Equinox: J2000	Epoch of Position: 2015.5
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Barred spiral galaxies]*			
	(19)	NGC-7496	RA: 23 09 47.2896 (347.4470400d) Dec: -43 25 40.58 (-43.42794d) Equinox: J2000	
	Comments: This object was generated by the targetselector and retrieved from the NED database. *Category=Galaxy* *Description=[Barred spiral galaxies]*			
	(20)	NGC-4303-TILE-1	RA: 12 21 51.4384 (185.4643267d) Dec: +04 28 57.99 (4.48278d) Equinox: J2000	
	Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Spiral galaxies]*			

Observation

Proposal 2107, Observation 1: NGC1087

Mon Feb 13 20:01:47 GMT 2023

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)	NGC-1087	RA: 02 46 25.5019 (41.6062579d) Dec: -00 30 3.92 (-.50109d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	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	4-Point-Sets				6	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 70 to 105 Degrees (V3 65.16455103 to 100.16455103)
Visits Same PA

Sequence Observations 1, 19, Non-interruptible

Observation

Proposal 2107, Observation 19: NGC1087-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NGC-1087	RA: 02 46 25.5019 (41.6062579d) Dec: -00 30 3.92 (-.50109d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1		4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Aperture PA Range 70 to 105 Degrees (V3 69.94416471 to 104.94416471) No Parallel Attachments Sequence Observations 1, 19, Non-interruptible

Observation

Proposal 2107, Observation 2: NGC1300

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 2:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 2:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 2:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NGC-1300	RA: 03 19 40.1816 (49.9174233d) Dec: -19 24 47.28 (-19.41313d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
2	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	4-Point-Sets				2	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 69 to 80 Degrees (V3 64.16455103 to 75.16455103)
Visits Same PA

Sequence Observations 2, 20, Non-interruptible

Observation

Proposal 2107, Observation 20: NGC1300-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

(Visit 20:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	NGC-1300	RA: 03 19 40.1816 (49.9174233d) Dec: -19 24 47.28 (-19.41313d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 69 to 80 Degrees (V3 68.94416471 to 79.94416471) Visits Same PA No Parallel Attachments Sequence Observations 2, 20, Non-interruptible

Observation

Proposal 2107, Observation 3: NGC1365

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 3:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 3:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 3:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	NGC-1365	RA: 03 33 34.7668 (53.3948617d) Dec: -36 08 35.33 (-36.14315d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
2	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	4-Point-Sets				1	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 70 to 100 Degrees (V3 65.16455103 to 95.16455103)
Aperture PA Range 259.83425324 to 266.83425324 Degrees (V3 254.99880427 to 261.99880427)
Visits Same PA

Sequence Observations 3, 21, Non-interruptible

Observation

Proposal 2107, Observation 21: NGC1365-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

(Visit 21:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	NGC-1365	RA: 03 33 34.7668 (53.3948617d) Dec: -36 08 35.33 (-36.14315d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 70 to 100 Degrees (V3 69.94416471 to 99.94416471) Aperture PA Range 255.02984889 to 262.02984889 Degrees (V3 254.9740136 to 261.9740136) Visits Same PA No Parallel Attachments Sequence Observations 3, 21, Non-interruptible

Observation

Proposal 2107, Observation 22: NGC1385-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

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
(4)	NGC-1385	RA: 03 37 28.9967 (54.3708196d) Dec: -24 30 8.50 (-24.50236d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Aperture PA Range 355 to 30 Degrees (V3 354.94416471 to 29.94416471) No Parallel Attachments Sequence Observations 4, 22, Non-interruptible

Observation

Proposal 2107, Observation 4: NGC1385 Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

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)	NGC-1385	RA: 03 37 28.9967 (54.3708196d) Dec: -24 30 8.50 (-24.50236d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	4-Point-Sets				5	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Aperture PA Range 355 to 30 Degrees (V3 350.16455103 to 25.16455103)

Sequence Observations 4, 22, Non-interruptible

Observation

Proposal 2107, Observation 5: NGC1433

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 5:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 5:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 5:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	NGC-1433	RA: 03 42 0.8233 (55.5034304d) Dec: -47 13 28.56 (-47.22460d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
2	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	4-Point-Sets				3	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 58 to 68 Degrees (V3 53.16455103 to 63.16455103)
Visits Same PA

Sequence Observations 5, 23, Non-interruptible

Observation

Proposal 2107, Observation 23: NGC1433-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

(Visit 23:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	NGC-1433	RA: 03 42 0.8233 (55.5034304d) Dec: -47 13 28.56 (-47.22460d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 58 to 68 Degrees (V3 57.94416471 to 67.94416471) Visits Same PA No Parallel Attachments Sequence Observations 5, 23, Non-interruptible

Observation

Proposal 2107, Observation 6: NGC1512

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 6:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 6:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 6:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	NGC-1512	RA: 04 03 54.2810 (60.9761708d) Dec: -43 20 55.86 (-43.34885d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
2	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	4-Point-Sets				5	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 70 to 90 Degrees (V3 65.16455103 to 85.16455103)
Visits Same PA

Sequence Observations 6, 24, Non-interruptible

Observation

Proposal 2107, Observation 24: NGC1512-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

(Visit 24:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	NGC-1512	RA: 04 03 54.2810 (60.9761708d) Dec: -43 20 55.86 (-43.34885d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 70 to 90 Degrees (V3 69.94416471 to 89.94416471) Visits Same PA No Parallel Attachments Sequence Observations 6, 24, Non-interruptible

Observation

Proposal 2107, Observation 7: NGC1566

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 7:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 7:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 7:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	NGC-1566	RA: 04 20 1.0500 (65.0043750d) Dec: -54 56 28.50 (-54.94125d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
2	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	4-Point-Sets				1	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 350 to 10 Degrees (V3 345.16455103 to 5.16455103)
Visits Same PA

Sequence Observations 7, 25, Non-interruptible

Observation

Proposal 2107, Observation 25: NGC1566-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

(Visit 25:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	NGC-1566	RA: 04 20 1.0500 (65.0043750d) Dec: -54 56 28.50 (-54.94125d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 350 to 10 Degrees (V3 349.94416471 to 9.94416471) Visits Same PA No Parallel Attachments Sequence Observations 7, 25, Non-interruptible

Observation

Proposal 2107, Observation 8: NGC1672

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 8:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(8)	NGC-1672	RA: 04 45 41.8231 (71.4242629d) Dec: -59 14 45.38 (-59.24594d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
2	1	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	4-Point-Sets				3	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 69 to 78 Degrees (V3 64.16455103 to 73.16455103)
Visits Same PA

Sequence Observations 8, 26, Non-interruptible

Observation

Proposal 2107, Observation 26: NGC1672-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

(Visit 26:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(8)	NGC-1672	RA: 04 45 41.8231 (71.4242629d) Dec: -59 14 45.38 (-59.24594d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 69 to 78 Degrees (V3 68.94416471 to 77.94416471) Visits Same PA No Parallel Attachments Sequence Observations 8, 26, Non-interruptible

Observation

Proposal 2107, Observation 9: NGC2835

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

(Visit 9:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(9)	NGC-2835	RA: 09 17 52.6870 (139.4695292d) Dec: -22 21 15.38 (-22.35427d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	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	4-Point-Sets				5	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 100 to 200 Degrees (V3 95.16455103 to 195.16455103)
Visits Same PA

Sequence Observations 9, 27, Non-interruptible

Observation

Proposal 2107, Observation 27: NGC2835-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

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
(9)	NGC-2835	RA: 09 17 52.6870 (139.4695292d) Dec: -22 21 15.38 (-22.35427d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Aperture PA Range 100 to 200 Degrees (V3 99.94416471 to 199.94416471) No Parallel Attachments Sequence Observations 9, 27, Non-interruptible

Observation

Proposal 2107, Observation 10: NGC3351

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 10:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 10:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 10:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	NGC-3351	RA: 10 43 57.8018 (160.9908408d) Dec: +11 42 10.98 (11.70305d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
2	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	4-Point-Sets				6	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 100 to 130 Degrees (V3 95.16455103 to 125.16455103)
Visits Same PA

Sequence Observations 10, 28, Non-interruptible

Observation

Proposal 2107, Observation 28: NGC3351-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

(Visit 28:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	NGC-3351	RA: 10 43 57.8018 (160.9908408d) Dec: +11 42 10.98 (11.70305d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 100 to 130 Degrees (V3 99.94416471 to 129.94416471) Visits Same PA No Parallel Attachments Sequence Observations 10, 28, Non-interruptible

Observation

Proposal 2107, Observation 11: NGC3627

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

(Visit 11:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 11:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(11)	NGC-3627	RA: 11 20 14.4251 (170.0601046d) Dec: +12 59 1.53 (12.98376d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
1	3	10.0	10.0	0.0	5.0	DEFAULT

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	4-Point-Sets				6	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 289 to 296 Degrees (V3 284.16455103 to 291.16455103)
Visits Same PA

Sequence Observations 11, 29, Non-interruptible

Observation

Proposal 2107, Observation 29: NGC3627-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

(Visit 29:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(11)	NGC-3627	RA: 11 20 14.4251 (170.0601046d) Dec: +12 59 1.53 (12.98376d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
1	2	10.0	10.0	0.0	3.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 289 to 296 Degrees (V3 288.94416471 to 295.94416471) Visits Same PA No Parallel Attachments Sequence Observations 11, 29, Non-interruptible

Observation

Proposal 2107, Observation 12: NGC4254

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 12:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 12:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	NGC-4254	RA: 12 18 50.3811 (184.7099213d) Dec: +14 25 21.58 (14.42266d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
1	3	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	4-Point-Sets				5	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Sequence Visits within 53.0 Days
Aperture PA Range 110 to 130 Degrees (V3 105.16455103 to 125.16455103)
Visits Same PA

30 After 12
Sequence Observations 12, 30, Non-interruptible

Observation

Proposal 2107, Observation 30: NGC4254-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

(Visit 30:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 30:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	NGC-4254	RA: 12 18 50.3811 (184.7099213d) Dec: +14 25 21.58 (14.42266d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Sequence Visits within 53.0 Days Aperture PA Range 110 to 130 Degrees (V3 109.94416471 to 129.94416471) Visits Same PA No Parallel Attachments 30 After 12 Sequence Observations 12, 30, Non-interruptible

Observation

Proposal 2107, Observation 13: NGC4303

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 13:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 13:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 13:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(13)	NGC-4303	RA: 12 21 55.0855 (185.4795229d) Dec: +04 28 34.16 (4.47616d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
2	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	4-Point-Sets				4	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 289 to 294 Degrees (V3 284.16455103 to 289.16455103)
Visits Same PA

Sequence Observations 13, 31, Non-interruptible

Observation

Proposal 2107, Observation 31: NGC4303-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

(Visit 31:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(13)	NGC-4303	RA: 12 21 55.0855 (185.4795229d) Dec: +04 28 34.16 (4.47616d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 289 to 294 Degrees (V3 288.94416471 to 293.94416471) Visits Same PA No Parallel Attachments Sequence Observations 13, 31, Non-interruptible

Observation

Proposal 2107, Observation 44: NGC4303-Nircam Copy of Tile-1 Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Comments: WOPR repeat of observation 31:1.

Diagnostics

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

(Visit 44:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(20)	NGC-4303-TILE-1	RA: 12 21 51.4384 (185.4643267d) Dec: +04 28 57.99 (4.48278d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Aperture PA Range 292.9 to 292.9 Degrees (V3 292.84416471 to 292.84416471) No Parallel Attachments

Observation

Proposal 2107, Observation 14: NGC4321

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 14:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 14:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 14:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	NGC-4321	RA: 12 22 55.2964 (185.7304017d) Dec: +15 49 22.82 (15.82301d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
2	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	4-Point-Sets				2	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 284 to 292 Degrees (V3 279.16455103 to 287.16455103)
Visits Same PA

Sequence Observations 14, 32, Non-interruptible

Observation

Proposal 2107, Observation 32: NGC4321-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

(Visit 32:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	NGC-4321	RA: 12 22 55.2964 (185.7304017d) Dec: +15 49 22.82 (15.82301d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 284 to 292 Degrees (V3 283.94416471 to 291.94416471) Visits Same PA No Parallel Attachments Sequence Observations 14, 32, Non-interruptible

Observation

Proposal 2107, Observation 43: NGC4321-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Comments: WOPR repeat of Obs 32:1.

Diagnostics

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

(Visit 43:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 43:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.

(Visit 43:2) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	NGC-4321	RA: 12 22 55.2964 (185.7304017d) Dec: +15 49 22.82 (15.82301d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 284 to 292 Degrees (V3 283.94416471 to 291.94416471) Visits Same PA No Parallel Attachments

Observation

Proposal 2107, Observation 15: NGC4535

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

(Visit 15:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(15)	NGC-4535	RA: 12 34 20.1549 (188.5839787d) Dec: +08 11 47.38 (8.19649d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	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	4-Point-Sets				5	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 287 to 292 Degrees (V3 282.16455103 to 287.16455103)
Visits Same PA

Sequence Observations 15, 33, Non-interruptible

Observation

Proposal 2107, Observation 33: NGC4535-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

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
(15)	NGC-4535	RA: 12 34 20.1549 (188.5839787d) Dec: +08 11 47.38 (8.19649d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Aperture PA Range 287 to 292 Degrees (V3 286.94416471 to 291.94416471) No Parallel Attachments Sequence Observations 15, 33, Non-interruptible

Observation

Proposal 2107, Observation 16: NGC5068

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 16:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 16:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 16:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 16:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.
(Visit 16:2) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.
(Visit 16:3) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.
(Visit 16:4) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(16)	NGC-5068	RA: 13 18 51.8000 (199.7158333d) Dec: -21 02 9.72 (-21.03603d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
2	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	4-Point-Sets				1	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 307 to 318 Degrees (V3 302.16455103 to 313.16455103) Visits Same PA Sequence Observations 16, 34, Non-interruptible

Observation

Proposal 2107, Observation 34: NGC5068-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

(Visit 34:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 34:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 34:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.

(Visit 34:2) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(16)	NGC-5068	RA: 13 18 51.8000 (199.7158333d) Dec: -21 02 9.72 (-21.03603d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
2	1	10.0	10.0	3.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 307 to 318 Degrees (V3 306.94416471 to 317.94416471) Visits Same PA No Parallel Attachments Sequence Observations 16, 34, Non-interruptible

Observation

Proposal 2107, Observation 18: IC5332

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

(Visit 18:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(17)	IC-5332	RA: 23 34 28.1660 (353.6173583d) Dec: -36 05 53.93 (-36.09831d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	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	4-Point-Sets				3	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 250 to 280 Degrees (V3 245.16455103 to 275.16455103)
Visits Same PA

Sequence Observations 18, 36, Non-interruptible

Observation

Proposal 2107, Observation 36: IC5332-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

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
(17)	IC-5332	RA: 23 34 28.1660 (353.6173583d) Dec: -36 05 53.93 (-36.09831d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Aperture PA Range 250 to 280 Degrees (V3 249.94416471 to 279.94416471) No Parallel Attachments Sequence Observations 18, 36, Non-interruptible

Observation

Proposal 2107, Observation 42: IC5332-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Comments: WOPR repeat of Obs 36. See WOPR-88480

Diagnostics

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

(Visit 42:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(17)	IC-5332	RA: 23 34 28.1660 (353.6173583d) Dec: -36 05 53.93 (-36.09831d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Aperture PA Range 263.42158205 to 263.42158205 Degrees (V3 263.36574676 to 263.36574676) No Parallel Attachments

Observation

Proposal 2107, Observation 39: NGC628

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

(Visit 39:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 39:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(18)	NGC-628	RA: 01 36 41.7720 (24.1740500d) Dec: +15 47 0.46 (15.78346d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Barred spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order
1	3	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	4-Point-Sets				5	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Sequence Visits within 53 Days
Aperture PA Range 210 to 250 Degrees (V3 205.16455103 to 245.16455103)
Visits Same PA

Sequence Observations 39, 40, Non-interruptible

Observation

Proposal 2107, Observation 40: NGC628-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

(Visit 40:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(18)	NGC-628	RA: 01 36 41.7720 (24.1740500d) Dec: +15 47 0.46 (15.78346d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Barred spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Mosaic

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

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Group Visits within 53.0 Days Aperture PA Range 210 to 250 Degrees (V3 209.94416471 to 249.94416471) Visits Same PA No Parallel Attachments Sequence Observations 39, 40, Non-interruptible

Observation

Proposal 2107, Observation 38: NGC7496

Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

(Visit 38:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(19)	NGC-7496	RA: 23 09 47.2896 (347.4470400d) Dec: -43 25 40.58 (-43.42794d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the NED database.
Category=Galaxy
Description=[Barred spiral galaxies]

Template

Subarray
FULL

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	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	4-Point-Sets				5	1	EXTENDED SOURCE	POSITIVE	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	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 250 to 280 Degrees (V3 245.16455103 to 275.16455103)
Visits Same PA

Sequence Observations 38, 41, Non-interruptible

Observation

Proposal 2107, Observation 41: NGC7496-Nircam Mon Feb 13 20:01:47 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

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
(19)	NGC-7496	RA: 23 09 47.2896 (347.4470400d) Dec: -43 25 40.58 (-43.42794d) Equinox: J2000		

Comments: This object was generated by the targetselector and retrieved from the NED database.
Category=Galaxy
Description=[Barred spiral galaxies]

Template

NIRCam Imaging	MIRI Imaging
Module: B	Subarray: FULL
Subarray: FULL	

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	INTRAMODULEBOX	4		1	NIRCam Only	NO_DITHERING

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
2	F200W	F360M	BRIGHT1	3	1	4	4	214.735	
3	F200W	F300M	BRIGHT1	5	1	4	4	386.524	
4	F200W	F335M	BRIGHT1	5	1	4	4	386.524	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	
2	F1000W	FASTR1	11	1	1	Dither 1	4	4	122.102	
3	F1130W	FASTR1	28	1	1	Dither 1	4	4	310.804	
4	F2100W	FASTR1	14	2	1	Dither 1	4	8	321.905	

Special Requirements	
	Aperture PA Range 250 to 280 Degrees (V3 249.94416471 to 279.94416471) No Parallel Attachments Sequence Observations 38, 41, Non-interruptible