



# 3707 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Cycle: 2, Proposal Category: GO

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**OBSERVATIONS**

Folder	Observation	Label	Observing Template	Science Target
NGC 685				
	1	MIRI_ON_NGC0685_SIMPLE	MIRI Imaging	(1) NGC0685
	2	NIRCAM_ON_NGC0685_SIMPLE	NIRCam Imaging	(1) NGC0685
NGC 1068				
	127	MIRI_ON_NGC1068_SIMPLE	MIRI Imaging	(2) NGC1068
	128	NIRCAM_ON_NGC1068_SIMPLE	NIRCam Imaging	(2) NGC1068
NGC 1097				
	3	MIRI_ON_NGC1097_SIMPLE	MIRI Imaging	(3) NGC1097
	4	NIRCAM_ON_NGC1097_SIMPLE	NIRCam Imaging	(3) NGC1097
NGC 1317				
	5	MIRI_ON_NGC1317_SIMPLE	MIRI Imaging	(4) NGC1317
	6	NIRCAM_ON_NGC1317_SIMPLE	NIRCam Imaging	(4) NGC1317
IC 1954				
	7	MIRI_ON_IC1954_SI	MIRI Imaging	(5) IC1954
	8	NIRCAM_ON_IC1954_SIMPLE	NIRCam Imaging	(5) IC1954
NGC 1511				
	9	MIRI_ON_NGC1511_SIMPLE	MIRI Imaging	(6) NGC1511

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	10	NIRCAM_ON_NGC15 11_SIMPLE	NIRCam Imaging	(6) NGC1511
<b>NGC 1546</b>				
	11	MIRI_ON_NGC1546_ SIMPLE	MIRI Imaging	(7) NGC1546
	12	NIRCAM_ON_NGC15 46_SIMPLE	NIRCam Imaging	(7) NGC1546
<b>NGC 1559</b>				
	13	MIRI_ON_NGC1559_ SIMPLE	MIRI Imaging	(8) NGC1559
	14	NIRCAM_ON_NGC15 59_SIMPLE	NIRCam Imaging	(8) NGC1559
<b>NGC 1637</b>				
	15	MIRI_ON_NGC1637_ SIMPLE	MIRI Imaging	(9) NGC1637
	16	NIRCAM_ON_NGC16 37_SIMPLE	NIRCam Imaging	(9) NGC1637
<b>NGC 1808</b>				
	121	MIRI_ON_NGC1808_ SIMPLE	MIRI Imaging	(12) NGC1808
	122	NIRCAM_ON_NGC18 08_SIMPLE	NIRCam Imaging	(12) NGC1808
<b>NGC 1809</b>				
	17	MIRI_ON_NGC1809_ SIMPLE	MIRI Imaging	(10) NGC1809
	18	NIRCAM_ON_NGC18 09_SIMPLE	NIRCam Imaging	(10) NGC1809
<b>NGC 1792</b>				
	19	MIRI_ON_NGC1792_ SIMPLE	MIRI Imaging	(11) NGC1792
	20	NIRCAM_ON_NGC17 92_SIMPLE	NIRCam Imaging	(11) NGC1792
<b>NGC 2090</b>				
	21	MIRI_ON_NGC2090_ SIMPLE	MIRI Imaging	(13) NGC2090

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	22	NIRCAM_ON_NGC2090_SIMPLE	NIRCam Imaging	(13) NGC2090
<b>NGC 2283</b>				
	23	MIRI_ON_NGC2283_SIMPLE	MIRI Imaging	(14) NGC2283
	24	NIRCAM_ON_NGC2283_SIMPLE	NIRCam Imaging	(14) NGC2283
<b>NGC 2566</b>				
	25	MIRI_ON_NGC2566_SIMPLE	MIRI Imaging	(15) NGC2566
	26	NIRCAM_ON_NGC2566_SIMPLE	NIRCam Imaging	(15) NGC2566
<b>NGC 2775</b>				
	27	MIRI_ON_NGC2775_SIMPLE	MIRI Imaging	(16) NGC2775
	28	NIRCAM_ON_NGC2775_SIMPLE	NIRCam Imaging	(16) NGC2775
<b>NGC 2903</b>				
	29	MIRI_ON_NGC2903_SIMPLE	MIRI Imaging	(17) NGC2903
	30	NIRCAM_ON_NGC2903_SIMPLE	NIRCam Imaging	(17) NGC2903
<b>NGC 2997</b>				
	31	MIRI_ON_NGC2997_SIMPLE	MIRI Imaging	(18) NGC2997
	32	NIRCAM_ON_NGC2997_SIMPLE	NIRCam Imaging	(18) NGC2997
<b>NGC 3059</b>				
	33	MIRI_ON_NGC3059_SIMPLE	MIRI Imaging	(19) NGC3059
	34	NIRCAM_ON_NGC3059_SIMPLE	NIRCam Imaging	(19) NGC3059
<b>NGC 3137</b>				
	35	MIRI_ON_NGC3137_SIMPLE	MIRI Imaging	(20) NGC3137

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	36	NIRCAM_ON_NGC31_37_SIMPLE	NIRCam Imaging	(20) NGC3137
<b>NGC 3239</b>				
	37	MIRI_ON_NGC3239_SIMPLE	MIRI Imaging	(21) NGC3239
	38	NIRCAM_ON_NGC32_39_SIMPLE	NIRCam Imaging	(21) NGC3239
<b>NGC 3344</b>				
	123	MIRI_ON_NGC3344_SIMPLE	MIRI Imaging	(22) NGC3344
	124	NIRCAM_ON_NGC33_44_SIMPLE	NIRCam Imaging	(22) NGC3344
<b>NGC 3368</b>				
	125	MIRI_ON_NGC3368_SIMPLE	MIRI Imaging	(23) NGC3368
	126	NIRCAM_ON_NGC33_68_SIMPLE	NIRCam Imaging	(23) NGC3368
<b>NGC 3511</b>				
	41	MIRI_ON_NGC3511_SIMPLE	MIRI Imaging	(24) NGC3511
	42	NIRCAM_ON_NGC35_11_SIMPLE	NIRCam Imaging	(24) NGC3511
<b>NGC 3507</b>				
	43	MIRI_ON_NGC3507_SIMPLE	MIRI Imaging	(25) NGC3507
	44	NIRCAM_ON_NGC35_07_SIMPLE	NIRCam Imaging	(25) NGC3507
<b>NGC 3521</b>				
	45	MIRI_ON_NGC3521_SIMPLE	MIRI Imaging	(26) NGC3521
	46	NIRCAM_ON_NGC35_21_SIMPLE	NIRCam Imaging	(26) NGC3521
<b>NGC 3596</b>				
	47	MIRI_ON_NGC3596_SIMPLE	MIRI Imaging	(27) NGC3596

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	48	NIRCAM_ON_NGC35 96_SIMPLE	NIRCam Imaging	(27) NGC3596
<b>NGC 3621</b>				
	51	MIRI_ON_NGC3621_ SIMPLE	MIRI Imaging	(28) NGC3621
	52	NIRCAM_ON_NGC36 21_SIMPLE	NIRCam Imaging	(28) NGC3621
<b>NGC 3626</b>				
	53	MIRI_ON_NGC3626_ SIMPLE	MIRI Imaging	(29) NGC3626
	54	NIRCAM_ON_NGC36 26_SIMPLE	NIRCam Imaging	(29) NGC3626
<b>NGC 4298</b>				
	59	MIRI_ON_NGC4298_ SIMPLE	MIRI Imaging	(30) NGC4298
	60	NIRCAM_ON_NGC42 98_SIMPLE	NIRCam Imaging	(30) NGC4298
<b>NGC 4424</b>				
	61	MIRI_ON_NGC4424_ SIMPLE	MIRI Imaging	(31) NGC4424
	62	NIRCAM_ON_NGC44 24_SIMPLE	NIRCam Imaging	(31) NGC4424
<b>NGC 4457</b>				
	65	MIRI_ON_NGC4457_ SIMPLE	MIRI Imaging	(32) NGC4457
	66	NIRCAM_ON_NGC44 57_SIMPLE	NIRCam Imaging	(32) NGC4457
<b>NGC 4496A</b>				
	73	MIRI_ON_NGC4496A _SIMPLE	MIRI Imaging	(33) NGC4496A
	74	NIRCAM_ON_NGC44 96A_SIMPLE	NIRCam Imaging	(33) NGC4496A
<b>NGC 4536</b>				
	75	MIRI_ON_NGC4536_ SIMPLE	MIRI Imaging	(34) NGC4536

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	76	NIRCAM_ON_NGC45_36_SIMPLE	NIRCam Imaging	(34) NGC4536
<b>NGC 4540</b>				
	77	MIRI_ON_NGC4540_SIMPLE	MIRI Imaging	(35) NGC4540
	78	NIRCAM_ON_NGC45_40_SIMPLE	NIRCam Imaging	(35) NGC4540
<b>NGC 4548</b>				
	79	MIRI_ON_NGC4548_SIMPLE	MIRI Imaging	(36) NGC4548
	80	NIRCAM_ON_NGC45_48_SIMPLE	NIRCam Imaging	(36) NGC4548
<b>NGC 4569</b>				
	81	MIRI_ON_NGC4569_SIMPLE	MIRI Imaging	(37) NGC4569
	82	NIRCAM_ON_NGC45_69_SIMPLE	NIRCam Imaging	(37) NGC4569
<b>NGC 4571</b>				
	83	MIRI_ON_NGC4571_SIMPLE	MIRI Imaging	(38) NGC4571
	84	NIRCAM_ON_NGC45_71_SIMPLE	NIRCam Imaging	(38) NGC4571
<b>NGC 4579</b>				
	85	MIRI_ON_NGC4579_SIMPLE	MIRI Imaging	(39) NGC4579
	86	NIRCAM_ON_NGC45_79_SIMPLE	NIRCam Imaging	(39) NGC4579
<b>NGC 4654</b>				
	89	MIRI_ON_NGC4654_SIMPLE	MIRI Imaging	(40) NGC4654
	90	NIRCAM_ON_NGC46_54_SIMPLE	NIRCam Imaging	(40) NGC4654
<b>NGC 4689</b>				
	91	MIRI_ON_NGC4689_SIMPLE	MIRI Imaging	(41) NGC4689

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	92	NIRCAM_ON_NGC46 89_SIMPLE	NIRCam Imaging	(41) NGC4689
<b>NGC 4694</b>				
	93	MIRI_ON_NGC4694_ SIMPLE	MIRI Imaging	(42) NGC4694
	94	NIRCAM_ON_NGC46 94_SIMPLE	NIRCam Imaging	(42) NGC4694
<b>NGC 4731</b>				
	95	MIRI_ON_NGC4731_ SIMPLE	MIRI Imaging	(43) NGC4731
	96	NIRCAM_ON_NGC47 31_SIMPLE	NIRCam Imaging	(43) NGC4731
<b>NGC 4781</b>				
	97	MIRI_ON_NGC4781_ SIMPLE	MIRI Imaging	(44) NGC4781
	98	NIRCAM_ON_NGC47 81_SIMPLE	NIRCam Imaging	(44) NGC4781
<b>NGC 4826</b>				
	99	MIRI_ON_NGC4826_ SIMPLE	MIRI Imaging	(45) NGC4826
	100	NIRCAM_ON_NGC48 26_SIMPLE	NIRCam Imaging	(45) NGC4826
<b>NGC 4941</b>				
	101	MIRI_ON_NGC4941_ SIMPLE	MIRI Imaging	(46) NGC4941
	102	NIRCAM_ON_NGC49 41_SIMPLE	NIRCam Imaging	(46) NGC4941
<b>NGC 4951</b>				
	103	MIRI_ON_NGC4951_ SIMPLE	MIRI Imaging	(47) NGC4951
	104	NIRCAM_ON_NGC49 51_SIMPLE	NIRCam Imaging	(47) NGC4951
<b>NGC 5042</b>				
	105	MIRI_ON_NGC5042_ SIMPLE	MIRI Imaging	(48) NGC5042

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	106	NIRCAM_ON_NGC50_42_SIMPLE	NIRCam Imaging	(48) NGC5042
<b>NGC 5134</b>				
	107	MIRI_ON_NGC5134_SIMPLE	MIRI Imaging	(49) NGC5134
	108	NIRCAM_ON_NGC51_34_SIMPLE	NIRCam Imaging	(49) NGC5134
<b>NGC 5248</b>				
	109	MIRI_ON_NGC5248_SIMPLE	MIRI Imaging	(50) NGC5248
	110	NIRCAM_ON_NGC52_48_SIMPLE	NIRCam Imaging	(50) NGC5248
<b>NGC 5530</b>				
	111	MIRI_ON_NGC5530_SIMPLE	MIRI Imaging	(51) NGC5530
	112	NIRCAM_ON_NGC55_30_SIMPLE	NIRCam Imaging	(51) NGC5530
<b>NGC 5643</b>				
	113	MIRI_ON_NGC5643_SIMPLE	MIRI Imaging	(52) NGC5643
	114	NIRCAM_ON_NGC56_43_SIMPLE	NIRCam Imaging	(52) NGC5643
<b>NGC 6300</b>				
	115	MIRI_ON_NGC6300_SIMPLE	MIRI Imaging	(53) NGC6300
	116	NIRCAM_ON_NGC63_00_SIMPLE	NIRCam Imaging	(53) NGC6300
<b>IC 5273</b>				
	117	MIRI_ON_IC5273_SI_MPLE	MIRI Imaging	(54) IC5273
	118	NIRCAM_ON_IC5273_SIMPLE	NIRCam Imaging	(54) IC5273
<b>NGC 7456</b>				
	119	MIRI_ON_NGC7456_SIMPLE	MIRI Imaging	(55) NGC7456

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	120	NIRCAM_ON_NGC74 56_SIMPLE	NIRCam Imaging	(55) NGC7456

## ABSTRACT

A detailed understanding of the gas-star-feedback ``matter cycle'' is key to our picture of how galaxies grow and evolve over cosmic time. JWST imaging of a handful of nearby galaxies has already clearly demonstrated its potential to produce a new view of this cycle. These processes vary in important ways across the galaxy population, so capitalizing on these capabilities requires observing a representative sample of star-forming galaxies.

We propose a Treasury to obtain MIRI and NIRCam imaging of nearly all southern massive star-forming galaxies where JWST can achieve the transformational 10-50 pc resolution needed to directly access shells, ISM clouds, and star clusters. The targets all have rich, public ancillary data and collectively span the types of environments where most stars form at  $z=0$ . Combined with Cycle 1 data, this will create a Treasury of 74 representative local star-forming galaxies supported by uniform, multi-wavelength coverage from optical to radio.

We will map PAH, dust continuum, stellar, and recombination line emission, and use the observations to revolutionize our understanding of the impact of stellar feedback, timescales for star formation, ISM structure, and the properties of young, massive clusters. The data will also play a critical role in calibrating the use IR observations in more distant systems, tracking the life cycle of dust, and understanding the physics of dense, bar-driven nuclear starbursts.

As a Treasury, the data will be immediately public and supported by fast releases from our team. In short, the survey promises to do field-defining science and produce a legacy data set of lasting power that benefits the whole community.

## OBSERVING DESCRIPTION

We will obtain MIRI mosaics and NIRCam images (obtained in parallel with the required MIRI background) for 55 galaxies that have existing ALMA CO imaging and a suite of other supporting multiwavelength data. With MIRI we target the PAH-dominated F770W filter (88s per galaxy) and the dust continuum-dominated F2100W filter (344s). With NIRCam we use two pairs of filters: (1) F150W and F300M (214s), which are mostly dominated by stellar continuum, and (2) F187N and F335M (386s), which capture the Paschen-alpha line and the 3.3 micron PAH feature. For a subset of targets with large systemic velocities that place the Paschen-alpha line outside the F187N filter, we replace that band with F200W to improve coverage of the stellar spectral energy distribution of clusters.

We design each MIRI mosaic to map the region of bright emission seen by WISE ( $> 0.5 \text{ MJy/sr}$  at 12 micron) and best match the coverage of existing ALMA data. For bigger targets, we adopt an extended MIRI mosaic. In all cases, the single NIRCam field is targeted towards the galaxy center.

Because each galaxy fills the MIRI field of view, we require an off-target background measurement. We obtain these in parallel with the NIRCam on-target pointing. The angular offset between the NIRCam and MIRI fields are large enough to always ensure that MIRI points well away from the galaxy for these observations. For these parallel observations, the MIRI imaging is obtained with a setup exactly matching that used for the on-target MIRI mosaic. This parallel approach significantly improves the overall efficiency of the observations. We require that the off- and on-target observations be scheduled in sequence so that the former can be used directly for background subtraction for the latter.

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	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
Fixed Targets	(1)	NGC0685	RA: 01 47 42.8280 (26.9284500d) Dec: -52 45 43.13 (-52.76198d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]		
	(2)	NGC1068	RA: 02 42 40.7092 (40.6696217d) Dec: -00 00 47.86 (-0.01329d) Equinox: J2000  <i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> Category=Galaxy Description=[Spiral galaxies]	Epoch of Position: 2015.5	
	(3)	NGC1097	RA: 02 46 18.9504 (41.5789600d) Dec: -30 16 28.81 (-30.27467d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]		
	(4)	NGC1317	RA: 03 22 44.2896 (50.6845400d) Dec: -37 06 13.64 (-37.10379d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]		
	(5)	IC1954	RA: 03 31 31.1304 (52.8797100d) Dec: -51 54 17.50 (-51.90486d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]		
	(6)	NGC1511	RA: 03 59 36.5904 (59.9024600d) Dec: -67 38 2.15 (-67.63393d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]		
	(7)	NGC1546	RA: 04 14 36.1286 (63.6505358d) Dec: -56 03 37.18 (-56.06033d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]		
	(8)	NGC1559	RA: 04 17 36.5712 (64.4023800d) Dec: -62 47 0.28 (-62.78341d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]		

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(9)	NGC1637	RA: 04 41 28.1784 (70.3674100d) Dec: -02 51 28.66 (-2.85796d) Equinox: J2000	
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>			
(10)	NGC1809	RA: 05 02 3.6457 (75.5151904d) Dec: -69 33 51.17 (-69.56421d) Equinox: J2000	
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>			
(11)	NGC1792	RA: 05 05 14.3256 (76.3096900d) Dec: -37 58 50.02 (-37.98056d) Equinox: J2000	
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>			
(12)	NGC1808	RA: 05 07 42.3430 (76.9264292d) Dec: -37 30 46.98 (-37.51305d) Equinox: J2000	Epoch of Position: 2015.5
<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>			
(13)	NGC2090	RA: 05 47 1.8888 (86.7578700d) Dec: -34 15 2.16 (-34.25060d) Equinox: J2000	
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>			
(14)	NGC2283	RA: 06 45 52.7928 (101.4699700d) Dec: -18 12 38.88 (-18.21080d) Equinox: J2000	
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>			
(15)	NGC2566	RA: 08 18 45.6072 (124.6900300d) Dec: -25 29 58.27 (-25.49952d) Equinox: J2000	
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>			
(16)	NGC2775	RA: 09 10 20.1480 (137.5839500d) Dec: +07 02 17.05 (7.03807d) Equinox: J2000	
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>			

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(17)	NGC2903	RA: 09 32 10.1064 (143.0421100d) Dec: +21 30 3.02 (21.50084d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(18)	NGC2997	RA: 09 45 38.7936 (146.4116400d) Dec: -31 11 27.92 (-31.19109d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(19)	NGC3059	RA: 09 50 8.1600 (147.5340000d) Dec: -73 55 19.92 (-73.92220d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(20)	NGC3137	RA: 10 09 7.4784 (152.2811600d) Dec: -29 03 51.48 (-29.06430d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(21)	NGC3239	RA: 10 25 4.8744 (156.2703100d) Dec: +17 09 49.32 (17.16370d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(22)	NGC3344	RA: 10 43 31.1496 (160.8797900d) Dec: +24 55 19.99 (24.92222d) Equinox: J2000
<i>Comments:</i> This object was generated by the targetselector and retrieved from the NED database. <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(23)	NGC3368	RA: 10 46 45.7392 (161.6905800d) Dec: +11 49 11.78 (11.81994d) Equinox: J2000
<i>Comments:</i> This object was generated by the targetselector and retrieved from the NED database. <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(24)	NGC3511	RA: 11 03 23.8104 (165.8492100d) Dec: -23 05 12.16 (-23.08671d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		

Proposal 3707 - Targets - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

(25)	NGC3507	RA: 11 03 25.3752 (165.8557300d) Dec: +18 08 7.87 (18.13552d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(26)	NGC3521	RA: 11 05 48.5736 (166.4523900d) Dec: -00 02 9.42 (-.03595d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(27)	NGC3596	RA: 11 15 6.1920 (168.7758000d) Dec: +14 47 13.45 (14.78707d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(28)	NGC3621	RA: 11 18 16.3008 (169.5679200d) Dec: -32 48 45.36 (-32.81260d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(29)	NGC3626	RA: 11 20 3.8112 (170.0158800d) Dec: +18 21 24.66 (18.35685d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(30)	NGC4298	RA: 12 21 32.7600 (185.3865000d) Dec: +14 36 22.00 (14.60611d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(31)	NGC4424	RA: 12 27 11.5680 (186.7982000d) Dec: +09 25 14.30 (9.42064d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(32)	NGC4457	RA: 12 28 59.0232 (187.2459300d) Dec: +03 34 14.23 (3.57062d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>

Proposal 3707 - Targets - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

(33)	NGC4496A	RA: 12 31 39.9617 (187.9165071d) Dec: +03 56 19.85 (3.93885d) Equinox: J2000  <i>Comments: Center slightly shifted from catalog for mosaic.</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(34)	NGC4536	RA: 12 34 27.0672 (188.6127800d) Dec: +02 11 17.66 (2.18824d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(35)	NGC4540	RA: 12 34 50.8632 (188.7119300d) Dec: +15 33 6.19 (15.55172d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(36)	NGC4548	RA: 12 35 26.4576 (188.8602400d) Dec: +14 29 46.79 (14.49633d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(37)	NGC4569	RA: 12 36 49.8240 (189.2076000d) Dec: +13 09 46.33 (13.16287d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(38)	NGC4571	RA: 12 36 56.3808 (189.2349200d) Dec: +14 13 2.39 (14.21733d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(39)	NGC4579	RA: 12 37 43.5312 (189.4313800d) Dec: +11 49 5.59 (11.81822d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(40)	NGC4654	RA: 12 43 56.5800 (190.9857500d) Dec: +13 07 36.19 (13.12672d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>

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(41)	NGC4689	RA: 12 47 45.5760 (191.9399000d) Dec: +13 45 45.79 (13.76272d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(42)	NGC4694	RA: 12 48 15.0480 (192.0627000d) Dec: +10 59 1.43 (10.98373d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(43)	NGC4731	RA: 12 51 1.2072 (192.7550300d) Dec: -06 23 34.22 (-6.39284d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(44)	NGC4781	RA: 12 54 23.8008 (193.5991700d) Dec: -10 32 13.63 (-10.53712d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(45)	NGC4826	RA: 12 56 43.6416 (194.1818400d) Dec: +21 40 59.09 (21.68308d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(46)	NGC4941	RA: 13 04 13.1064 (196.0546100d) Dec: -05 33 5.54 (-5.55154d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(47)	NGC4951	RA: 13 05 7.7136 (196.2821400d) Dec: -06 29 37.75 (-6.49382d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>
(48)	NGC5042	RA: 13 15 31.0080 (198.8792000d) Dec: -23 59 1.97 (-23.98388d) Equinox: J2000  <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>

Proposal 3707 - Targets - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

(49)	NGC5134	RA: 13 25 18.5424 (201.3272600d) Dec: -21 08 3.08 (-21.13419d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(50)	NGC5248	RA: 13 37 32.0064 (204.3833600d) Dec: +08 53 6.68 (8.88519d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(51)	NGC5530	RA: 14 18 27.3120 (214.6138000d) Dec: -43 23 17.74 (-43.38826d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(52)	NGC5643	RA: 14 32 40.7784 (218.1699100d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(53)	NGC6300	RA: 17 16 59.4720 (259.2478000d) Dec: -62 49 13.98 (-62.82055d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(54)	IC5273	RA: 22 59 26.4136 (344.8600567d) Dec: -37 42 21.91 (-37.70609d) Equinox: J2000
<i>Comments: Center shifted slightly relative to catalog</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
(55)	NGC7456	RA: 23 02 10.3344 (345.5430600d) Dec: -39 34 9.88 (-39.56941d) Equinox: J2000
<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		

Proposal 3707 - Observation 1 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 1: MIRI_ON_NGC0685_SIMPLE										Tue Jan 30 19:00:40 GMT 2024																						
	<b>Diagnostic Status:</b> 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. (MIRI_ON_NGC0685_SIMPLE (Obs 1)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="2">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="4">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(1)</td><td>NGC0685</td><td colspan="2">RA: 01 47 42.8280 (26.9284500d) Dec: -52 45 43.13 (-52.76198d) Equinox: J2000</td><td colspan="3"></td><td colspan="4"></td></tr> </tbody> </table> <p><i>Comments:</i>  <i>Category=Galaxy</i>  <i>Description=[Spiral galaxies]</i></p>											#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous				(1)	NGC0685	RA: 01 47 42.8280 (26.9284500d) Dec: -52 45 43.13 (-52.76198d) Equinox: J2000								
#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous																										
(1)	NGC0685	RA: 01 47 42.8280 (26.9284500d) Dec: -52 45 43.13 (-52.76198d) Equinox: J2000																															
Template	<b>Subarray</b> FULL																																
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order																										
	1	2	10.0	10.0	0.0	0.0	DEFAULT																										
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size																							
	1	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	147365																						
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	147365																						
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 300 to 50 Degrees (V3 295.16455103 to 45.16455103) Visits Same PA  Sequence Observations 1, 2, Non-interruptible Same V3 PA 1, 2 (Aperture PAs differ)																																

Proposal 3707 - Observation 2 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 2: NIRCAM_ON_NGC0685_SIMPLE									Tue Jan 30 19:00:40 GMT 2024	
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging										
Diagnostics	(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC0685_SIMPLE (Obs 2)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (1) NGC0685 RA: 01 47 42.8280 (26.9284500d) Dec: -52 45 43.13 (-52.76198d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]										
Template	NIRCam Imaging MIRI Imaging Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap										
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 F150W	F300M	BRIGHT1	3	1	4	4	214.735	147365		
	2 F187N	F335M	BRIGHT1	5	1	4	4	386.524	147365		
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	147365	
	2 F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	147365	

## Proposal 3707 - Observation 2 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 1, 2, Non-interruptible  
Same V3 PA 1, 2 (Aperture PAs differ)

Proposal 3707 - Observation 127 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 127: MIRI_ON_NGC1068_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging														
Diagnostics	(Visit 127:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 127:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC1068_SIMPLE (Obs 127)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous							
	(2)	NGC1068	RA: 02 42 40.7092 (40.6696217d) Dec: -00 00 47.86 (-0.01329d) Equinox: J2000		Epoch of Position: 2015.5										
Template	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Mosaic	<b>Subarray</b> FULL														
	Rows	Columns	Row Overlap %		Column Overlap %		Row shift (deg)		Column shift (deg)		Tile Order				
	1	2	10.0		10.0		0.0		0.0		DEFAULT				
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size					
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 68 to 68 Degrees (V3 63.16455103 to 63.16455103) Visits Same PA														
	Sequence Observations 127, 128, Non-interruptible Same V3 PA 127, 128 (Aperture PAs differ)														

Proposal 3707 - Observation 128 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 128: NIRCAM_ON_NGC1068_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																													
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																																					
Diagnostics	(Visit 128:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC1068_SIMPLE (Obs 128)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																																					
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="2">Targ. Coord. Corrections</th><th colspan="4">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(2)</td><td>NGC1068</td><td>RA: 02 42 40.7092 (40.6696217d)</td><td>Dec: -00 00 47.86 (-.01329d)</td><td>Equinox: J2000</td><td colspan="2" rowspan="2">Epoch of Position: 2015.5</td><td colspan="4"></td></tr> </tbody> </table> <p><i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i>  <i>Category=Galaxy</i>  <i>Description=[Spiral galaxies]</i></p>										#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous				(2)	NGC1068	RA: 02 42 40.7092 (40.6696217d)	Dec: -00 00 47.86 (-.01329d)	Equinox: J2000	Epoch of Position: 2015.5																											
#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous																																															
(2)	NGC1068	RA: 02 42 40.7092 (40.6696217d)	Dec: -00 00 47.86 (-.01329d)	Equinox: J2000	Epoch of Position: 2015.5																																																	
Template	<table border="1"> <thead> <tr> <th colspan="3">NIRCam Imaging</th><th colspan="8">MIRI Imaging</th></tr> </thead> <tbody> <tr> <td>Module: B</td><td colspan="8"></td><td colspan="2">Subarray: FULL</td></tr> <tr> <td>Subarray: FULL</td><td colspan="8"></td><td colspan="2"></td></tr> <tr> <td>Target Placement: Module Gap</td><td colspan="8"></td><td colspan="2" rowspan="2"></td></tr> </tbody> </table>								NIRCam Imaging			MIRI Imaging								Module: B									Subarray: FULL		Subarray: FULL											Target Placement: Module Gap												
NIRCam Imaging			MIRI Imaging																																																			
Module: B									Subarray: FULL																																													
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Target Placement: Module Gap																																																						
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td colspan="2" rowspan="2"></td><td colspan="2" rowspan="2">1</td><td>NIRCam Only</td><td colspan="3" rowspan="2">NO_DITHERING</td></tr> </tbody> </table>										#	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																								
#	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	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524															
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																													
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2	F187N	F335M	BRIGHT1	5	1	4	4	386.524																																														
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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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																													

## Proposal 3707 - Observation 128 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 127, 128, Non-interruptible  
Same V3 PA 127, 128 (Aperture PAs differ)

Proposal 3707 - Observation 3 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 3: MIRI_ON_NGC1097_SIMPLE		Tue Jan 30 19:00:40 GMT 2024
	<b>Diagnostic Status:</b> 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. (MIRI_ON_NGC1097_SIMPLE (Obs 3)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.		
Fixed Targets	#	Name	Target Coordinates Targ. Coord. Corrections Miscellaneous
	(3)	NGC1097	RA: 02 46 18.9504 (41.5789600d) Dec: -30 16 28.81 (-30.27467d) Equinox: J2000
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
Mosaic	Subarray	FULL	
	Rows	Columns	Row Overlap % Column Overlap % Row shift (deg) Column shift (deg) Tile Order
	1	4	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	F2100W	FASTR1 15 2 1 Dither 1 4 8 344.105
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 55.83544897 to 67.83544897 Degrees (V3 51.0 to 63.0) Visits Same PA  Sequence Observations 3, 4, Non-interruptible Same V3 PA 3, 4 (Aperture PAs differ)		

Proposal 3707 - Observation 4 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 4: NIRCAM_ON_NGC1097_SIMPLE								Tue Jan 30 19:00:40 GMT 2024									
	<b>Diagnostic Status:</b> Warning  Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																	
Diagnostics	(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC1097_SIMPLE (Obs 4)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																	
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous										
Template	(3)	NGC1097	RA: 02 46 18.9504 (41.5789600d) Dec: -30 16 28.81 (-30.27467d) Equinox: J2000															
	<i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]																	
	NIRCam Imaging			MIRI Imaging														
Dithers	Module: B				Subarray: FULL													
	Subarray: FULL																	
	Target Placement: Module Gap																	
Spectral Elements	#	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										
	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID								
Spectral Elements	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735									
	2	F187N	F335M	BRIGHT1	5	1	4	4	386.524									
	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105								

## Proposal 3707 - Observation 4 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 3, 4, Non-interruptible  
Same V3 PA 3, 4 (Aperture PAs differ)

Proposal 3707 - Observation 5 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 5: MIRI_ON_NGC1317_SIMPLE								Tue Jan 30 19:00:40 GMT 2024											
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																			
Diagnostics	(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC1317_SIMPLE (Obs 5)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous											
	(4)	NGC1317	RA: 03 22 44.2896 (50.6845400d) Dec: -37 06 13.64 (-37.10379d) Equinox: J2000																	
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
Template	<b>Subarray</b> FULL																			
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
Special Requirements	Aperture PA Range 92.83544897 to 113.83544897 Degrees (V3 88.0 to 109.0) Aperture PA Range 134.83544897 to 191.83544897 Degrees (V3 130.0 to 187.0) Aperture PA Range 210.83544897 to 214.83544897 Degrees (V3 206.0 to 210.0) Aperture PA Range 309.83544897 to 67.83544897 Degrees (V3 305.0 to 63.0)  Sequence Observations 5, 6, Non-interruptible Same V3 PA 5, 6 (Aperture PAs differ)																			

Proposal 3707 - Observation 6 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 6: NIRCAM_ON_NGC1317_SIMPLE								Tue Jan 30 19:00:40 GMT 2024														
	<b>Diagnostic Status:</b> Warning																						
	Observing Template: NIRCam Imaging																						
	Coordinated Parallel Template(s): MIRI Imaging																						
<i>Comments: Redshift exceeds coverage of F187N filter, so this is replaced by F200W for this target.</i>																							
Diagnostics	(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC1317_SIMPLE (Obs 6)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																						
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous															
	(4)	NGC1317	RA: 03 22 44.2896 (50.6845400d) Dec: -37 06 13.64 (-37.10379d) Equinox: J2000																				
	<i>Comments: Category=Galaxy Description=[Spiral galaxies]</i>																						
Template	NIRCam Imaging					MIRI Imaging																	
	Module: B					Subarray: FULL																	
	Subarray: FULL																						
	Target Placement: Module Gap																						
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735														
	2	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	ETC Wkbk.Calc ID													
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801													
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105													

## Proposal 3707 - Observation 6 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 5, 6, Non-interruptible  
Same V3 PA 5, 6 (Aperture PAs differ)

Proposal 3707 - Observation 7 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 7: MIRI_ON_IC1954_SIMPLE										Tue Jan 30 19:00:40 GMT 2024																						
	<b>Diagnostic Status:</b> 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. (MIRI_ON_IC1954_SIMPLE (Obs 7)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="2">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="4">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(5)</td><td>IC1954</td><td colspan="2">RA: 03 31 31.1304 (52.8797100d) Dec: -51 54 17.50 (-51.90486d) Equinox: J2000</td><td colspan="3"></td><td colspan="4"></td></tr> </tbody> </table> <p><i>Comments:</i>  <i>Category=Galaxy</i>  <i>Description=[Spiral galaxies]</i></p>											#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous				(5)	IC1954	RA: 03 31 31.1304 (52.8797100d) Dec: -51 54 17.50 (-51.90486d) Equinox: J2000								
#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous																										
(5)	IC1954	RA: 03 31 31.1304 (52.8797100d) Dec: -51 54 17.50 (-51.90486d) Equinox: J2000																															
Template	<b>Subarray</b> FULL																																
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order																										
	1	2	10.0	10.0	0.0	0.0	DEFAULT																										
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size																							
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																							
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 300 to 350 Degrees (V3 295.16455103 to 345.16455103) Visits Same PA  Sequence Observations 7, 8, Non-interruptible Same V3 PA 7, 8 (Aperture PAs differ)																																

Proposal 3707 - Observation 8 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 8: NIRCAM_ON_IC1954_SIMPLE								Tue Jan 30 19:00:40 GMT 2024			
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging											
Diagnostics	(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_IC1954_SIMPLE (Obs 8)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (5) IC1954 RA: 03 31 31.1304 (52.8797100d) Dec: -51 54 17.50 (-51.90486d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]											
Template	NIRCam Imaging MIRI Imaging Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap											
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 F150W F300M BRIGHT1 3 1 4 4 214.735 2 F187N 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 F2100W FASTR1 15 2 1 Dither 1 4 8 344.105											

## Proposal 3707 - Observation 8 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 7, 8, Non-interruptible  
Same V3 PA 7, 8 (Aperture PAs differ)

Proposal 3707 - Observation 9 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 9: MIRI_ON_NGC1511_SIMPLE							Tue Jan 30 19:00:40 GMT 2024										
	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. (MIRI_ON_NGC1511_SIMPLE (Obs 9)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous										
	(6)	NGC1511	RA: 03 59 36.5904 (59.9024600d) Dec: -67 38 2.15 (-67.63393d) Equinox: J2000															
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																	
	Subarray																	
Mosaic	Rows	Columns	Row Overlap %		Column Overlap %		Row shift (deg)	Column shift (deg)		Tile Order								
	1	2	10.0		10.0		0.0	0.0		DEFAULT								
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size								
	1	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								
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801								
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105								
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 2 to 45 Degrees (V3 357.16455103 to 40.16455103) Visits Same PA  Sequence Observations 9, 10, Non-interruptible Same V3 PA 9, 10 (Aperture PAs differ)																	

Proposal 3707 - Observation 10 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 10: NIRCAM_ON_NGC1511_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC1511_SIMPLE (Obs 10)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(6)</td><td>NGC1511</td><td>RA: 03 59 36.5904 (59.9024600d)</td><td>Dec: -67 38 2.15 (-67.63393d)</td><td>Equinox: J2000</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(6)	NGC1511	RA: 03 59 36.5904 (59.9024600d)	Dec: -67 38 2.15 (-67.63393d)	Equinox: J2000																	
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(6)	NGC1511	RA: 03 59 36.5904 (59.9024600d)	Dec: -67 38 2.15 (-67.63393d)	Equinox: J2000																																							
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td></td><td></td><td>1</td><td></td><td>NIRCam Only</td><td colspan="3" rowspan="2">NO_DITHERING</td></tr> </tbody> </table>										#	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													
#	Primary Dither Type	Primary Dithers	Dither Size		Subpixel Positions		Coordinated Parallel Subpixel Selector	Dither Direct Images Primes																																			
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NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
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2	F187N	F335M	BRIGHT1	5	1	4	4	386.524																																			
Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>										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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 9, 10, Non-interruptible  
Same V3 PA 9, 10 (Aperture PAs differ)

Proposal 3707 - Observation 11 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 11: MIRI_ON_NGC1546_SIMPLE										Tue Jan 30 19:00:40 GMT 2024																																	
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																																											
Diagnostics	(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC1546_SIMPLE (Obs 11)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																											
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(7)</td><td>NGC1546</td><td>RA: 04 14 36.1286 (63.6505358d)</td><td>Dec: -56 03 37.18 (-56.06033d)</td><td>Equinox: J2000</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> Comments: <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>											#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(7)	NGC1546	RA: 04 14 36.1286 (63.6505358d)	Dec: -56 03 37.18 (-56.06033d)	Equinox: J2000																	
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																				
(7)	NGC1546	RA: 04 14 36.1286 (63.6505358d)	Dec: -56 03 37.18 (-56.06033d)	Equinox: J2000																																								
Template	<b>Subarray</b> FULL																																											
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Dither Type</th><th>Starting Point</th><th>Number of Points</th><th>Points</th><th>Starting Set</th><th>Number of Sets</th><th>Optimized For</th><th>Direction</th><th>Pattern Size</th><th></th></tr> </thead> <tbody> <tr> <td>1</td><td>4-Point-Sets</td><td></td><td></td><td></td><td>6</td><td>1</td><td>EXTENDED SOURCE</td><td>POSITIVE</td><td>DEFAULT</td><td></td></tr> </tbody> </table>											#	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												
#	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	<table border="1"> <thead> <tr> <th>#</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>											#	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
#	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																			
Special Requirements	Aperture PA Range 315.83544897 to 344.83544897 Degrees (V3 311.0 to 340.0) Sequence Observations 11, 12, Non-interruptible Same V3 PA 11, 12 (Aperture PAs differ)																																											

Proposal 3707 - Observation 12 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 12: NIRCAM_ON_NGC1546_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC1546_SIMPLE (Obs 12)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(7)</td><td>NGC1546</td><td>RA: 04 14 36.1286 (63.6505358d)</td><td>Dec: -56 03 37.18 (-56.06033d)</td><td>Equinox: J2000</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(7)	NGC1546	RA: 04 14 36.1286 (63.6505358d)	Dec: -56 03 37.18 (-56.06033d)	Equinox: J2000																	
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(7)	NGC1546	RA: 04 14 36.1286 (63.6505358d)	Dec: -56 03 37.18 (-56.06033d)	Equinox: J2000																																							
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td></td><td></td><td>1</td><td></td><td>NIRCam Only</td><td colspan="3" rowspan="2">NO_DITHERING</td></tr> </tbody> </table>										#	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													
#	Primary Dither Type	Primary Dithers	Dither Size		Subpixel Positions		Coordinated Parallel Subpixel Selector	Dither Direct Images Primes																																			
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Spectral Elements	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524				
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
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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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 11, 12, Non-interruptible  
Same V3 PA 11, 12 (Aperture PAs differ)

Proposal 3707 - Observation 13 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 13: MIRI_ON_NGC1559_SIMPLE								Tue Jan 30 19:00:40 GMT 2024					
	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. (MIRI_ON_NGC1559_SIMPLE (Obs 13)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous						
	(8)	NGC1559	RA: 04 17 36.5712 (64.4023800d) Dec: -62 47 0.28 (-62.78341d) Equinox: J2000											
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>													
	Subarray FULL													
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order							
	1	3	10.0	10.0	0.0	-16.0	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105				
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 289.83544897 to 299.83544897 Degrees (V3 285.0 to 295.0) Visits Same PA  Sequence Observations 13, 14, Non-interruptible Same V3 PA 13, 14 (Aperture PAs differ)													

Proposal 3707 - Observation 14 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 14: NIRCAM_ON_NGC1559_SIMPLE								Tue Jan 30 19:00:40 GMT 2024		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging										
Diagnostics	(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC1559_SIMPLE (Obs 14)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous										
Template	(8) NGC1559 RA: 04 17 36.5712 (64.4023800d) Dec: -62 47 0.28 (-62.78341d) Equinox: J2000										
	<i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]										
Dithers	# Primary Dither Type Primary Dithers Dither Size Subpixel Positions Coordinated Parallel Subpixel Selector Dither Direct Images Primes										
Spectral Elements	1 INTRAMODULEBOX 4 1 NIRCam Only NO_DITHERING										
	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
Spectral Elements	1 F150W	F300M	BRIGHT1	3	1	4	4	214.735			
	2 F187N	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	
	1 F770W	FASTR1	8	1	1	Dither 1	4	4	88.801	ETC Wkbk.Calc ID	
Spectral Elements	2 F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105		

**Special Requirements**

No Parallel Attachments

Sequence Observations 13, 14, Non-interruptible  
Same V3 PA 13, 14 (Aperture PAs differ)

Proposal 3707 - Observation 15 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 15: MIRI_ON_NGC1637_SIMPLE								Tue Jan 30 19:00:40 GMT 2024											
	<b>Diagnostic Status:</b> 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. (MIRI_ON_NGC1637_SIMPLE (Obs 15)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous												
	(9)	NGC1637	RA: 04 41 28.1784 (70.3674100d) Dec: -02 51 28.66 (-2.85796d) Equinox: J2000																	
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
Mosaic	<b>Subarray</b> FULL																			
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order													
	1	2	10.0	10.0	0.0	0.0	DEFAULT													
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size										
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 74 to 74 Degrees (V3 69.16455103 to 69.16455103) Visits Same PA  Sequence Observations 15, 16, Non-interruptible Same V3 PA 15, 16 (Aperture PAs differ)																			

Proposal 3707 - Observation 16 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 16: NIRCAM_ON_NGC1637_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																			
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																											
Diagnostics	(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC1637_SIMPLE (Obs 16)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																											
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="2">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(9)</td><td>NGC1637</td><td colspan="2">RA: 04 41 28.1784 (70.3674100d) Dec: -02 51 28.66 (-2.85796d) Equinox: J2000</td><td colspan="3"></td><td colspan="3"></td></tr> </tbody> </table> <p>Comments:            Category=Galaxy            Description=[Spiral galaxies]</p>										#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous			(9)	NGC1637	RA: 04 41 28.1784 (70.3674100d) Dec: -02 51 28.66 (-2.85796d) Equinox: J2000																					
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Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																											
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="2">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td colspan="2"></td><td colspan="2">1</td><td>NIRCam Only</td><td colspan="2">NO_DITHERING</td></tr> </tbody> </table>										#	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															
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Spectral Elements	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524					
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																			
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MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID																																		
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2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																			

**Special Requirements**

No Parallel Attachments

Sequence Observations 15, 16, Non-interruptible  
Same V3 PA 15, 16 (Aperture PAs differ)

Proposal 3707 - Observation 121 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 121: MIRI_ON_NGC1808_SIMPLE							Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging													
Diagnostics	(Visit 121:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 121:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC1808_SIMPLE (Obs 121)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous						
	(12)	NGC1808	RA: 05 07 42.3430 (76.9264292d) Dec: -37 30 46.98 (-37.51305d) Equinox: J2000			Epoch of Position: 2015.5								
Template	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>													
Mosaic	<b>Subarray</b> FULL													
	Rows	Columns	Row Overlap %		Column Overlap %		Row shift (deg)	Column shift (deg)	Tile Order					
	1	2	10.0		10.0		0.0	0.0	DEFAULT					
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size				
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105				
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 41 to 41 Degrees (V3 36.16455103 to 36.16455103) Visits Same PA  Sequence Observations 121, 122, Non-interruptible Same V3 PA 121, 122 (Aperture PAs differ)													

Proposal 3707 - Observation 122 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 122: NIRCAM_ON_NGC1808_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning														
	Observing Template: NIRCam Imaging														
	Coordinated Parallel Template(s): MIRI Imaging														
Diagnostics	(Visit 122:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC1808_SIMPLE (Obs 122)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(12)	NGC1808	RA: 05 07 42.3430 (76.9264292d) Dec: -37 30 46.98 (-37.51305d) Equinox: J2000			Epoch of Position: 2015.5									
	<i>Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=Galaxy Description=[Spiral galaxies]</i>														
Template	NIRCam Imaging								MIRI Imaging						
	Module: B								Subarray: FULL						
	Subarray: FULL														
	Target Placement: Module Gap														
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735						
	2	F187N	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					
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801					
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					

## Proposal 3707 - Observation 122 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 121, 122, Non-interruptible  
Same V3 PA 121, 122 (Aperture PAs differ)

Proposal 3707 - Observation 17 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 17: MIRI_ON_NGC1809_SIMPLE		Tue Jan 30 19:00:40 GMT 2024								
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging										
Diagnostics	(Visit 17:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC1809_SIMPLE (Obs 17)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	#	Name	Target Coordinates								
	(10)	NGC1809	RA: 05 02 3.6457 (75.5151904d) Dec: -69 33 51.17 (-69.56421d) Equinox: J2000								
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>										
Template	<b>Subarray</b> FULL										
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
Special Requirements	Aperture PA Range 290 to 350 Degrees (V3 285.16455103 to 345.16455103) Sequence Observations 17, 18, Non-interruptible Same V3 PA 17, 18 (Aperture PAs differ)										

Proposal 3707 - Observation 18 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 18: NIRCAM_ON_NGC1809_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC1809_SIMPLE (Obs 18)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(10)</td><td>NGC1809</td><td colspan="3">RA: 05 02 3.6457 (75.5151904d) Dec: -69 33 51.17 (-69.56421d) Equinox: J2000</td><td colspan="3"></td><td colspan="3"></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(10)	NGC1809	RA: 05 02 3.6457 (75.5151904d) Dec: -69 33 51.17 (-69.56421d) Equinox: J2000																			
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(10)	NGC1809	RA: 05 02 3.6457 (75.5151904d) Dec: -69 33 51.17 (-69.56421d) Equinox: J2000																																									
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td colspan="2"></td><td colspan="2">1</td><td>NIRCam Only</td><td colspan="3">NO_DITHERING</td></tr> </tbody> </table>										#	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													
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NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
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**Special Requirements**

No Parallel Attachments

Sequence Observations 17, 18, Non-interruptible  
Same V3 PA 17, 18 (Aperture PAs differ)

Proposal 3707 - Observation 19 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 19: MIRI_ON_NGC1792_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging														
Diagnostics	(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 19:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 19:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC1792_SIMPLE (Obs 19)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(11)	NGC1792	RA: 05 05 14.3256 (76.3096900d) Dec: -37 58 50.02 (-37.98056d) Equinox: J2000												
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Mosaic	<b>Subarray</b> FULL														
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	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				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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 30 to 60 Degrees (V3 25.16455103 to 55.16455103) Visits Same PA  Sequence Observations 19, 20, Non-interruptible Same V3 PA 19, 20 (Aperture PAs differ)														

Proposal 3707 - Observation 20 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 20: NIRCAM_ON_NGC1792_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> 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. (NIRCAM_ON_NGC1792_SIMPLE (Obs 20)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(11)</td><td>NGC1792</td><td>RA: 05 05 14.3256 (76.3096900d)</td><td>Dec: -37 58 50.02 (-37.98056d)</td><td>Equinox: J2000</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(11)	NGC1792	RA: 05 05 14.3256 (76.3096900d)	Dec: -37 58 50.02 (-37.98056d)	Equinox: J2000																	
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
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Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
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**Special Requirements**

No Parallel Attachments

Sequence Observations 19, 20, Non-interruptible  
Same V3 PA 19, 20 (Aperture PAs differ)

Proposal 3707 - Observation 21 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 21: MIRI_ON_NGC2090_SIMPLE										Tue Jan 30 19:00:40 GMT 2024																																	
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																																											
Diagnostics	(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC2090_SIMPLE (Obs 21)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																											
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(13)</td><td>NGC2090</td><td>RA: 05 47 1.8888 (86.7578700d)</td><td>Dec: -34 15 2.16 (-34.25060d)</td><td>Equinox: J2000</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>											#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(13)	NGC2090	RA: 05 47 1.8888 (86.7578700d)	Dec: -34 15 2.16 (-34.25060d)	Equinox: J2000																	
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Special Requirements	Aperture PA Range 8.83544897 to 19.83544897 Degrees (V3 4.0 to 15.0) Sequence Observations 21, 22, Non-interruptible Same V3 PA 21, 22 (Aperture PAs differ)																																											

Proposal 3707 - Observation 22 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 22: NIRCAM_ON_NGC2090_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> 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. (NIRCAM_ON_NGC2090_SIMPLE (Obs 22)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
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**Special Requirements**

No Parallel Attachments

Sequence Observations 21, 22, Non-interruptible  
Same V3 PA 21, 22 (Aperture PAs differ)

Proposal 3707 - Observation 23 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 23: MIRI_ON_NGC2283_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: 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. (MIRI_ON_NGC2283_SIMPLE (Obs 23)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(14)	NGC2283	RA: 06 45 52.7928 (101.4699700d) Dec: -18 12 38.88 (-18.21080d) Equinox: J2000												
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
	<b>Subarray</b> FULL														
Mosaic	Rows	Columns	Row Overlap %		Column Overlap %		Row shift (deg)	Column shift (deg)	Tile Order						
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Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size					
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Spectral Elements	#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID				
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	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 40 to 60 Degrees (V3 35.16455103 to 55.16455103) Visits Same PA  Sequence Observations 23, 24, Non-interruptible Same V3 PA 23, 24 (Aperture PAs differ)														

Proposal 3707 - Observation 24 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 24: NIRCAM_ON_NGC2283_SIMPLE								Tue Jan 30 19:00:40 GMT 2024			
	<b>Diagnostic Status:</b> 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. (NIRCAM_ON_NGC2283_SIMPLE (Obs 24)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (14) NGC2283 RA: 06 45 52.7928 (101.4699700d) Dec: -18 12 38.88 (-18.21080d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]											
Template	NIRCam Imaging MIRI Imaging Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap											
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 F150W	F300M	BRIGHT1	3	1	4	4	214.735				
	2 F187N	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 F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105			

**Special Requirements**

No Parallel Attachments

Sequence Observations 23, 24, Non-interruptible  
Same V3 PA 23, 24 (Aperture PAs differ)

Proposal 3707 - Observation 25 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 25: MIRI_ON_NGC2566_SIMPLE										Tue Jan 30 19:00:40 GMT 2024									
	<b>Diagnostic Status:</b> Warning Observing Template: 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. (Visit 25:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 25:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC2566_SIMPLE (Obs 25)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous												
	(15)	NGC2566	RA: 08 18 45.6072 (124.6900300d) Dec: -25 29 58.27 (-25.49952d) Equinox: J2000																	
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
Mosaic	<b>Subarray</b> FULL																			
Dithers	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order													
	2	2	10.0	10.0	0.0	0.0	DEFAULT													
Spectral Elements	#	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										
Special Requirements	#	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
	Group Visits within 53.0 Days Aperture PA Range 91.83544897 to 104.83544897 Degrees (V3 87.0 to 100.0) Visits Same PA  Sequence Observations 25, 26, Non-interruptible Same V3 PA 25, 26 (Aperture PAs differ)																			

Proposal 3707 - Observation 26 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 26: NIRCAM_ON_NGC2566_SIMPLE								Tue Jan 30 19:00:40 GMT 2024														
	<b>Diagnostic Status:</b> Warning																						
	Observing Template: NIRCam Imaging																						
	Coordinated Parallel Template(s): MIRI Imaging																						
<i>Comments: Redshift exceeds coverage of F187N filter, so this is replaced by F200W for this target.</i>																							
Diagnostics	(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC2566_SIMPLE (Obs 26)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																						
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous															
	(15)	NGC2566	RA: 08 18 45.6072 (124.6900300d) Dec: -25 29 58.27 (-25.49952d) Equinox: J2000																				
	<i>Comments: Category=Galaxy Description=[Spiral galaxies]</i>																						
Template	NIRCam Imaging					MIRI Imaging																	
	Module: B					Subarray: FULL																	
	Subarray: FULL																						
	Target Placement: Module Gap																						
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735														
	2	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	ETC Wkbk.Calc ID													
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801													
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105													

**Special Requirements**

No Parallel Attachments

Sequence Observations 25, 26, Non-interruptible  
Same V3 PA 25, 26 (Aperture PAs differ)

Proposal 3707 - Observation 27 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 27: MIRI_ON_NGC2775_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging														
Diagnostics	(Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 27:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC2775_SIMPLE (Obs 27)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous							
	(16)	NGC2775	RA: 09 10 20.1480 (137.5839500d)												
			Dec: +07 02 17.05 (7.03807d)												
			Equinox: J2000												
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Template	<b>Subarray</b> FULL														
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order								
	1	2	10.0	10.0	0.0	0.0	DEFAULT								
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size					
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					
Special Requirements	Group Visits within 53.0 Days Visits Same PA  Sequence Observations 27, 28, Non-interruptible Same V3 PA 27, 28 (Aperture PAs differ)														

Proposal 3707 - Observation 28 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 28: NIRCAM_ON_NGC2775_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> 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. (NIRCAM_ON_NGC2775_SIMPLE (Obs 28)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(16)</td><td>NGC2775</td><td>RA: 09 10 20.1480 (137.5839500d)</td><td>Dec: +07 02 17.05 (7.03807d)</td><td>Equinox: J2000</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(16)	NGC2775	RA: 09 10 20.1480 (137.5839500d)	Dec: +07 02 17.05 (7.03807d)	Equinox: J2000																	
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(16)	NGC2775	RA: 09 10 20.1480 (137.5839500d)	Dec: +07 02 17.05 (7.03807d)	Equinox: J2000																																							
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td></td><td></td><td>1</td><td></td><td>NIRCam Only</td><td colspan="3" rowspan="2">NO_DITHERING</td></tr> </tbody> </table>										#	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													
#	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	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524				
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
1	F150W	F300M	BRIGHT1	3	1	4	4	214.735																																			
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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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 27, 28, Non-interruptible  
Same V3 PA 27, 28 (Aperture PAs differ)

Proposal 3707 - Observation 29 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 29: MIRI_ON_NGC2903_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning														
	Observing Template: 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. (Visit 29:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 29:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 29:5) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 29:6) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 29:7) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 29:8) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC2903_SIMPLE (Obs 29)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(17)	NGC2903	RA: 09 32 10.1064 (143.0421100d) Dec: +21 30 3.02 (21.50084d) Equinox: J2000												
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
	<b>Subarray</b> FULL														
Mosaic	Rows	Columns	Row Overlap %		Column Overlap %		Row shift (deg)	Column shift (deg)	Tile Order						
	2	4	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					
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					

## Proposal 3707 - Observation 29 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

<b>Special Requirements</b>	<p>Group Visits within 53.0 Days Aperture PA Range 104.83544897 to 124.83544897 Degrees (V3 100.0 to 120.0) Visits Same PA</p> <p>Sequence Observations 29, 30, Non-interruptible Same V3 PA 29, 30 (Aperture PAs differ)</p>
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Proposal 3707 - Observation 30 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 30: NIRCAM_ON_NGC2903_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> 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. (NIRCAM_ON_NGC2903_SIMPLE (Obs 30)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(17)</td><td>NGC2903</td><td>RA: 09 32 10.1064 (143.0421100d)</td><td>Dec: +21 30 3.02 (21.50084d)</td><td>Equinox: J2000</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(17)	NGC2903	RA: 09 32 10.1064 (143.0421100d)	Dec: +21 30 3.02 (21.50084d)	Equinox: J2000																	
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(17)	NGC2903	RA: 09 32 10.1064 (143.0421100d)	Dec: +21 30 3.02 (21.50084d)	Equinox: J2000																																							
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td></td><td></td><td>1</td><td></td><td>NIRCam Only</td><td colspan="3" rowspan="2">NO_DITHERING</td></tr> </tbody> </table>										#	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													
#	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	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524				
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
1	F150W	F300M	BRIGHT1	3	1	4	4	214.735																																			
2	F187N	F335M	BRIGHT1	5	1	4	4	386.524																																			
Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>										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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 29, 30, Non-interruptible  
Same V3 PA 29, 30 (Aperture PAs differ)

# Proposal 3707 - Observation 31 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 31: MIRI_ON_NGC2997_SIMPLE								Tue Jan 30 19:00:40 GMT 2024											
	Diagnostic Status: Warning Observing Template: 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. (Visit 31:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 31:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 31:5) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 31:6) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 31:7) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 31:8) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 31:9) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 31:10) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 31:11) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 31:12) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC2997_SIMPLE (Obs 31)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Miscellaneous													
	(18)	NGC2997	RA: 09 45 38.7936 (146.4116400d) Dec: -31 11 27.92 (-31.19109d) Equinox: J2000																	
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
Subarray	FULL																			
Mosaic	Rows	Columns	Row Overlap %		Column Overlap %		Row shift (deg)	Column shift (deg)	Tile Order											
	3	4	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										

## Proposal 3707 - Observation 31 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

<b>Special Requirements</b>	<p>Group Visits within 53.0 Days Aperture PA Range 80 to 110 Degrees (V3 75.16455103 to 105.16455103) Visits Same PA</p> <p>Sequence Observations 31, 32, Non-interruptible Same V3 PA 31, 32 (Aperture PAs differ)</p>
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Proposal 3707 - Observation 32 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 32: NIRCAM_ON_NGC2997_SIMPLE								Tue Jan 30 19:00:40 GMT 2024				
	<b>Diagnostic Status:</b> 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. (NIRCAM_ON_NGC2997_SIMPLE (Obs 32)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.												
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (18) NGC2997 RA: 09 45 38.7936 (146.4116400d) Dec: -31 11 27.92 (-31.19109d) Equinox: J2000  Comments: Category=Galaxy Description=[Spiral galaxies]												
Template	NIRCam Imaging MIRI Imaging Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap												
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 F150W F300M BRIGHT1 3 1 4 4 214.735 2 F187N 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 F2100W FASTR1 15 2 1 Dither 1 4 8 344.105											

**Special Requirements**

No Parallel Attachments

Sequence Observations 31, 32, Non-interruptible  
Same V3 PA 31, 32 (Aperture PAs differ)

Proposal 3707 - Observation 33 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 33: MIRI_ON_NGC3059_SIMPLE										Tue Jan 30 19:00:40 GMT 2024																																				
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																																														
Diagnostics	(Visit 33:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 33:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC3059_SIMPLE (Obs 33)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																														
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="2">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="5">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(19)</td><td>NGC3059</td><td>RA: 09 50 8.1600 (147.5340000d)</td><td>Dec: -73 55 19.92 (-73.92200d)</td><td>Equinox: J2000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td colspan="10" rowspan="2"> <i>Comments:</i>  <i>Category=Galaxy</i>  <i>Description=[Spiral galaxies]</i> </td></tr> </tbody> </table>											#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous					(19)	NGC3059	RA: 09 50 8.1600 (147.5340000d)	Dec: -73 55 19.92 (-73.92200d)	Equinox: J2000										<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>									
#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous																																								
(19)	NGC3059	RA: 09 50 8.1600 (147.5340000d)	Dec: -73 55 19.92 (-73.92200d)	Equinox: J2000																																											
		<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																																													
Template	<b>Subarray</b> FULL																																														
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order																																								
	1	2	10.0	10.0	0.0	0.0	DEFAULT																																								
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size																																					
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																					
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 14.83544897 to 94.83544897 Degrees (V3 10.0 to 90.0) Aperture PA Range 164.83544897 to 4.83544897 Degrees (V3 160.0 to 360.0) Visits Same PA  Sequence Observations 33, 34, Non-interruptible Same V3 PA 33, 34 (Aperture PAs differ)																																														

Proposal 3707 - Observation 34 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 34: NIRCAM_ON_NGC3059_SIMPLE								Tue Jan 30 19:00:40 GMT 2024			
	<b>Diagnostic Status:</b> 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. (NIRCAM_ON_NGC3059_SIMPLE (Obs 34)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (19) NGC3059 RA: 09 50 8.1600 (147.5340000d) Dec: -73 55 19.92 (-73.92220d) Equinox: J2000  Comments: Category=Galaxy Description=[Spiral galaxies]											
Template	NIRCam Imaging MIRI Imaging Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap											
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 F150W	F300M	BRIGHT1	3	1	4	4	214.735				
	2 F187N	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 F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105			

**Special Requirements**

No Parallel Attachments

Sequence Observations 33, 34, Non-interruptible  
Same V3 PA 33, 34 (Aperture PAs differ)

Proposal 3707 - Observation 35 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 35: MIRI_ON_NGC3137_SIMPLE								Tue Jan 30 19:00:40 GMT 2024											
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																			
Diagnostics	(Visit 35:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 35:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC3137_SIMPLE (Obs 35)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous												
	(20)	NGC3137	RA: 10 09 7.4784 (152.2811600d) Dec: -29 03 51.48 (-29.06430d) Equinox: J2000																	
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
Mosaic	<b>Subarray</b> FULL																			
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order													
	1	2	10.0	10.0	0.0	0.0	DEFAULT													
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size										
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 84.83544897 to 104.83544897 Degrees (V3 80.0 to 100.0) Visits Same PA  Sequence Observations 35, 36, Non-interruptible Same V3 PA 35, 36 (Aperture PAs differ)																			

Proposal 3707 - Observation 36 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 36: NIRCAM_ON_NGC3137_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> 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. (NIRCAM_ON_NGC3137_SIMPLE (Obs 36)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(20)</td><td>NGC3137</td><td colspan="3">RA: 10 09 7.4784 (152.2811600d) Dec: -29 03 51.48 (-29.06430d) Equinox: J2000</td><td colspan="3"></td><td colspan="3"></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(20)	NGC3137	RA: 10 09 7.4784 (152.2811600d) Dec: -29 03 51.48 (-29.06430d) Equinox: J2000																			
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(20)	NGC3137	RA: 10 09 7.4784 (152.2811600d) Dec: -29 03 51.48 (-29.06430d) Equinox: J2000																																									
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td colspan="2"></td><td colspan="2">1</td><td>NIRCam Only</td><td colspan="3">NO_DITHERING</td></tr> </tbody> </table>										#	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													
#	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	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524				
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
1	F150W	F300M	BRIGHT1	3	1	4	4	214.735																																			
2	F187N	F335M	BRIGHT1	5	1	4	4	386.524																																			
Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>										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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 35, 36, Non-interruptible  
Same V3 PA 35, 36 (Aperture PAs differ)

Proposal 3707 - Observation 37 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 37: MIRI_ON_NGC3239_SIMPLE										Tue Jan 30 19:00:40 GMT 2024									
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																			
Diagnostics	(Visit 37:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC3239_SIMPLE (Obs 37)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous											
	(21)	NGC3239	RA: 10 25 4.8744 (156.2703100d) Dec: +17 09 49.32 (17.16370d) Equinox: J2000																	
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
Template	<b>Subarray</b> FULL																			
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
Special Requirements	Aperture PA Range 120 to 125 Degrees (V3 115.16455103 to 120.16455103) Sequence Observations 37, 38, Non-interruptible Same V3 PA 37, 38 (Aperture PAs differ)																			

Proposal 3707 - Observation 38 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 38: NIRCAM_ON_NGC3239_SIMPLE								Tue Jan 30 19:00:40 GMT 2024			
	<b>Diagnostic Status:</b> Warning  Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging											
Diagnostics	(Visit 38:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC3239_SIMPLE (Obs 38)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (21) NGC3239 RA: 10 25 4.8744 (156.2703100d) Dec: +17 09 49.32 (17.16370d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]											
Template	NIRCam Imaging MIRI Imaging Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap											
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 F150W	F300M	BRIGHT1	3	1	4	4	214.735				
	2 F187N	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 F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105			

**Special Requirements**

No Parallel Attachments

Sequence Observations 37, 38, Non-interruptible  
Same V3 PA 37, 38 (Aperture PAs differ)

Proposal 3707 - Observation 123 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 123: MIRI_ON_NGC3344_SIMPLE		Tue Jan 30 19:00:40 GMT 2024								
	Diagnostic Status: Warning		Observing Template: MIRI Imaging								
Diagnostics	(Visit 123:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 123:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 123:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 123:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC3344_SIMPLE (Obs 123)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous						
	(22)	NGC3344	RA: 10 43 31.1496 (160.8797900d) Dec: +24 55 19.99 (24.92222d) Equinox: J2000								
	<i>Comments: This object was generated by the targetselector and retrieved from the NED database. Category=Galaxy Description=[Spiral galaxies]</i>										
Template	Subarray		FULL								
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 114.83544897 to 120.83544897 Degrees (V3 110.0 to 116.0) Visits Same PA  Sequence Observations 123, 124, Non-interruptible Same V3 PA 123, 124 (Aperture PAs differ)										

Proposal 3707 - Observation 124 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 124: NIRCAM_ON_NGC3344_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 124:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC3344_SIMPLE (Obs 124)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th>Target Coordinates</th><th>Targ. Coord. Corrections</th><th>Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(22)</td><td>NGC3344</td><td>RA: 10 43 31.1496 (160.8797900d) Dec: +24 55 19.99 (24.92222d) Equinox: J2000</td><td></td><td></td></tr> </tbody> </table> <i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>								#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(22)	NGC3344	RA: 10 43 31.1496 (160.8797900d) Dec: +24 55 19.99 (24.92222d) Equinox: J2000																											
#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																																							
(22)	NGC3344	RA: 10 43 31.1496 (160.8797900d) Dec: +24 55 19.99 (24.92222d) Equinox: J2000																																									
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th>Dither Size</th><th>Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th>Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td></td><td>1</td><td>NIRCam Only</td><td>NO_DITHERING</td></tr> </tbody> </table>								#	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																					
#	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	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>								NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524						
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
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Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>								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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105			
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 123, 124, Non-interruptible  
Same V3 PA 123, 124 (Aperture PAs differ)

Proposal 3707 - Observation 125 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 125: MIRI_ON_NGC3368_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging														
Diagnostics	(Visit 125:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 125:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 125:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 125:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC3368_SIMPLE (Obs 125)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous							
	(23)	NGC3368	RA: 10 46 45.7392 (161.6905800d) Dec: +11 49 11.78 (11.81994d) Equinox: J2000												
Template	<i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Mosaic	<b>Subarray</b> FULL														
Dithers	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order								
	2	2	10.0	10.0	0.0	0.0	DEFAULT								
Spectral Elements	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size	ETC Wkbk.Calc ID				
	1	4-Point-Sets				6	1	EXTENDED SOURCE	POSITIVE	DEFAULT					
Special Requirements	#	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					
	Group Visits within 53.0 Days Aperture PA Range 118.83544897 to 118.83544897 Degrees (V3 114.0 to 114.0) Visits Same PA														
	Sequence Observations 125, 126, Non-interruptible Same V3 PA 125, 126 (Aperture PAs differ)														

Proposal 3707 - Observation 126 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 126: NIRCAM_ON_NGC3368_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 126:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC3368_SIMPLE (Obs 126)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th>Target Coordinates</th><th>Targ. Coord. Corrections</th><th>Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(23)</td><td>NGC3368</td><td>RA: 10 46 45.7392 (161.6905800d) Dec: +11 49 11.78 (11.81994d) Equinox: J2000</td><td></td><td></td></tr> </tbody> </table> <i>Comments: This object was generated by the targetselector and retrieved from the NED database.</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>								#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(23)	NGC3368	RA: 10 46 45.7392 (161.6905800d) Dec: +11 49 11.78 (11.81994d) Equinox: J2000																											
#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																																							
(23)	NGC3368	RA: 10 46 45.7392 (161.6905800d) Dec: +11 49 11.78 (11.81994d) Equinox: J2000																																									
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th>Dither Size</th><th>Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th>Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td></td><td>1</td><td>NIRCam Only</td><td>NO_DITHERING</td></tr> </tbody> </table>								#	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																					
#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes																																					
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NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
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MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID																																	
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2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

## Proposal 3707 - Observation 126 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 125, 126, Non-interruptible  
Same V3 PA 125, 126 (Aperture PAs differ)

Proposal 3707 - Observation 41 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 41: MIRI_ON_NGC3511_SIMPLE							Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging													
Diagnostics	(Visit 41:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 41:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC3511_SIMPLE (Obs 41)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous						
	(24)	NGC3511	RA: 11 03 23.8104 (165.8492100d) Dec: -23 05 12.16 (-23.08671d) Equinox: J2000											
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>													
Mosaic	<b>Subarray</b> FULL													
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order							
	1	2	10.0	10.0	0.0	-40.0	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105				
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 90 to 110 Degrees (V3 85.16455103 to 105.16455103) Visits Same PA  Sequence Observations 41, 42, Non-interruptible Same V3 PA 41, 42 (Aperture PAs differ)													

Proposal 3707 - Observation 42 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 42: NIRCAM_ON_NGC3511_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 42:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC3511_SIMPLE (Obs 42)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(24)</td><td>NGC3511</td><td colspan="3">RA: 11 03 23.8104 (165.8492100d) Dec: -23 05 12.16 (-23.08671d) Equinox: J2000</td><td colspan="3"></td><td colspan="3"></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(24)	NGC3511	RA: 11 03 23.8104 (165.8492100d) Dec: -23 05 12.16 (-23.08671d) Equinox: J2000																			
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(24)	NGC3511	RA: 11 03 23.8104 (165.8492100d) Dec: -23 05 12.16 (-23.08671d) Equinox: J2000																																									
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td colspan="2"></td><td colspan="2">1</td><td>NIRCam Only</td><td colspan="3">NO_DITHERING</td></tr> </tbody> </table>										#	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													
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NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
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2	F187N	F335M	BRIGHT1	5	1	4	4	386.524																																			
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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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 41, 42, Non-interruptible  
Same V3 PA 41, 42 (Aperture PAs differ)

Proposal 3707 - Observation 43 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 43: MIRI_ON_NGC3507_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging														
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. (MIRI_ON_NGC3507_SIMPLE (Obs 43)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous							
	(25)	NGC3507	RA: 11 03 25.3752 (165.8557300d) Dec: +18 08 7.87 (18.13552d) Equinox: J2000												
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Mosaic	<b>Subarray</b> FULL														
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order								
	1	2	10.0	10.0	0.0	0.0	DEFAULT								
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size					
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 110 to 120 Degrees (V3 105.16455103 to 115.16455103) Visits Same PA  Sequence Observations 43, 44, Non-interruptible Same V3 PA 43, 44 (Aperture PAs differ)														

Proposal 3707 - Observation 44 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 44: NIRCAM_ON_NGC3507_SIMPLE								Tue Jan 30 19:00:40 GMT 2024								
	<b>Diagnostic Status:</b> Warning  Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																
Diagnostics	(Visit 44:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC3507_SIMPLE (Obs 44)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous									
	(25)	NGC3507	RA: 11 03 25.3752 (165.8557300d) Dec: +18 08 7.87 (18.13552d) Equinox: J2000														
Template	<i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]																
	NIRCam Imaging			MIRI Imaging													
Dithers	Module: B				Subarray: FULL												
	Subarray: FULL																
Spectral Elements	Target Placement: Module Gap																
	#	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	F150W	F300M	BRIGHT1	3	1	4	4	214.735								
Spectral Elements	2	F187N	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							
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801							
Spectral Elements	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105							

**Special Requirements**

No Parallel Attachments

Sequence Observations 43, 44, Non-interruptible  
Same V3 PA 43, 44 (Aperture PAs differ)

Proposal 3707 - Observation 45 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 45: MIRI_ON_NGC3521_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging														
Diagnostics	(Visit 45:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 45:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 45:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 45:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC3521_SIMPLE (Obs 45)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous							
	(26)	NGC3521	RA: 11 05 48.5736 (166.4523900d) Dec: -00 02 9.42 (-.03595d) Equinox: J2000												
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Mosaic	<b>Subarray</b> FULL														
	Rows	Columns	Row Overlap %		Column Overlap %		Row shift (deg)	Column shift (deg)	Tile Order						
	2	2	10.0		10.0		31.0	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 105 to 120 Degrees (V3 100.16455103 to 115.16455103) Visits Same PA  Sequence Observations 45, 46, Non-interruptible Same V3 PA 45, 46 (Aperture PAs differ)														

Proposal 3707 - Observation 46 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 46: NIRCAM_ON_NGC3521_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 46:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC3521_SIMPLE (Obs 46)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(26)</td><td>NGC3521</td><td colspan="3">RA: 11 05 48.5736 (166.4523900d) Dec: -00 02 9.42 (-.03595d) Equinox: J2000</td><td colspan="3"></td><td colspan="3"></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(26)	NGC3521	RA: 11 05 48.5736 (166.4523900d) Dec: -00 02 9.42 (-.03595d) Equinox: J2000																			
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(26)	NGC3521	RA: 11 05 48.5736 (166.4523900d) Dec: -00 02 9.42 (-.03595d) Equinox: J2000																																									
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td colspan="2"></td><td colspan="2">1</td><td>NIRCam Only</td><td colspan="3">NO_DITHERING</td></tr> </tbody> </table>										#	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													
#	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	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524				
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
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Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>										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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 45, 46, Non-interruptible  
Same V3 PA 45, 46 (Aperture PAs differ)

Proposal 3707 - Observation 47 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 47: MIRI_ON_NGC3596_SIMPLE										Tue Jan 30 19:00:40 GMT 2024																																																																		
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																																																																												
Diagnostics	(Visit 47:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 47:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC3596_SIMPLE (Obs 47)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																																																												
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="2">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="4">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(27)</td><td>NGC3596</td><td>RA: 11 15 6.1920 (168.7758000d)</td><td>Dec: +14 47 13.45 (14.78707d)</td><td colspan="3"></td><td colspan="4"></td></tr> <tr> <td></td><td></td><td colspan="2">Equinox: J2000</td><td colspan="3"></td><td colspan="4"></td></tr> <tr> <td></td><td></td><td colspan="2"><i>Comments:</i></td><td colspan="3"></td><td colspan="4"></td></tr> <tr> <td></td><td></td><td colspan="2">Category=Galaxy</td><td colspan="3"></td><td colspan="4"></td></tr> <tr> <td></td><td></td><td colspan="2" rowspan="2">Description=[Spiral galaxies]</td><td colspan="3" rowspan="2"></td><td colspan="4" rowspan="2"></td></tr> </tbody> </table>											#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous				(27)	NGC3596	RA: 11 15 6.1920 (168.7758000d)	Dec: +14 47 13.45 (14.78707d)										Equinox: J2000											<i>Comments:</i>											Category=Galaxy											Description=[Spiral galaxies]								
#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous																																																																						
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Template	<b>Subarray</b> FULL																																																																												
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	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																																																			
Special Requirements	Group Visits within 53.0 Days Visits Same PA  Sequence Observations 47, 48, Non-interruptible Same V3 PA 47, 48 (Aperture PAs differ)																																																																												

Proposal 3707 - Observation 48 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 48: NIRCAM_ON_NGC3596_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 48:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC3596_SIMPLE (Obs 48)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(27)</td><td>NGC3596</td><td>RA: 11 15 6.1920 (168.7758000d)</td><td>Dec: +14 47 13.45 (14.78707d)</td><td>Equinox: J2000</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(27)	NGC3596	RA: 11 15 6.1920 (168.7758000d)	Dec: +14 47 13.45 (14.78707d)	Equinox: J2000																	
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(27)	NGC3596	RA: 11 15 6.1920 (168.7758000d)	Dec: +14 47 13.45 (14.78707d)	Equinox: J2000																																							
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td></td><td></td><td>1</td><td></td><td>NIRCam Only</td><td colspan="3" rowspan="2">NO_DITHERING</td></tr> </tbody> </table>										#	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													
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Spectral Elements	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524				
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
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2	F187N	F335M	BRIGHT1	5	1	4	4	386.524																																			
Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>										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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 47, 48, Non-interruptible  
Same V3 PA 47, 48 (Aperture PAs differ)

Proposal 3707 - Observation 51 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 51: MIRI_ON_NGC3621_SIMPLE										Tue Jan 30 19:00:40 GMT 2024									
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																			
Diagnostics	(Visit 51:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 51:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 51:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 51:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC3621_SIMPLE (Obs 51)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous												
	(28)	NGC3621	RA: 11 18 16.3008 (169.5679200d) Dec: -32 48 45.36 (-32.81260d) Equinox: J2000																	
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
Mosaic	<b>Subarray</b> FULL																			
Dithers	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order													
	2	2	10.0	10.0	24.0	0.0	DEFAULT													
Spectral Elements	#	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										
Special Requirements	#	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
	Group Visits within 53.0 Days Aperture PA Range 120 to 130 Degrees (V3 115.16455103 to 125.16455103) Visits Same PA  Sequence Observations 51, 52, Non-interruptible Same V3 PA 51, 52 (Aperture PAs differ)																			

Proposal 3707 - Observation 52 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 52: NIRCAM_ON_NGC3621_SIMPLE								Tue Jan 30 19:00:40 GMT 2024			
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging											
Diagnostics	(Visit 52:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC3621_SIMPLE (Obs 52)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (28) NGC3621 RA: 11 18 16.3008 (169.5679200d) Dec: -32 48 45.36 (-32.81260d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]											
Template	NIRCam Imaging MIRI Imaging Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap											
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 F150W	F300M	BRIGHT1	3	1	4	4	214.735				
	2 F187N	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 F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105			

**Special Requirements**

No Parallel Attachments

Sequence Observations 51, 52, Non-interruptible  
Same V3 PA 51, 52 (Aperture PAs differ)

Proposal 3707 - Observation 53 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 53: MIRI_ON_NGC3626_SIMPLE		Tue Jan 30 19:00:40 GMT 2024								
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging										
Diagnostics	(Visit 53:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC3626_SIMPLE (Obs 53)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	#	Name	Target Coordinates								
	(29)	NGC3626	RA: 11 20 3.8112 (170.0158800d) Dec: +18 21 24.66 (18.35685d) Equinox: J2000								
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>										
Template	<b>Subarray</b> FULL										
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
Special Requirements	Aperture PA Range 4.83544897 to 234.83544897 Degrees (V3 0.0 to 230.0) Aperture PA Range 284.83544897 to 3.83544897 Degrees (V3 280.0 to 359.0)  Sequence Observations 53, 54, Non-interruptible Same V3 PA 53, 54 (Aperture PAs differ)										

Proposal 3707 - Observation 54 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 54: NIRCAM_ON_NGC3626_SIMPLE								Tue Jan 30 19:00:40 GMT 2024														
	<b>Diagnostic Status:</b> Warning																						
	Observing Template: NIRCam Imaging																						
	Coordinated Parallel Template(s): MIRI Imaging																						
<i>Comments: Redshift exceeds coverage of F187N filter, so this is replaced by F200W for this target.</i>																							
Diagnostics	(Visit 54:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC3626_SIMPLE (Obs 54)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																						
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous															
	(29)	NGC3626	RA: 11 20 3.8112 (170.0158800d) Dec: +18 21 24.66 (18.35685d) Equinox: J2000																				
	<i>Comments: Category=Galaxy Description=[Spiral galaxies]</i>																						
Template	NIRCam Imaging					MIRI Imaging																	
	Module: B					Subarray: FULL																	
	Subarray: FULL																						
	Target Placement: Module Gap																						
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735														
	2	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	ETC Wkbk.Calc ID													
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801													
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105													

**Special Requirements**

No Parallel Attachments

Sequence Observations 53, 54, Non-interruptible  
Same V3 PA 53, 54 (Aperture PAs differ)

Proposal 3707 - Observation 59 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 59: MIRI_ON_NGC4298_SIMPLE							Tue Jan 30 19:00:40 GMT 2024										
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																	
Diagnostics	(Visit 59:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4298_SIMPLE (Obs 59)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous										
	(30)	NGC4298	RA: 12 21 32.7600 (185.3865000d) Dec: +14 36 22.00 (14.60611d) Equinox: J2000															
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																	
Template	<b>Subarray</b> FULL																	
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105								
Special Requirements	Aperture PA Range 119.83544897 to 134.83544897 Degrees (V3 115.0 to 130.0) Sequence Observations 59, 60, Non-interruptible Same V3 PA 59, 60 (Aperture PAs differ)																	

Proposal 3707 - Observation 60 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 60: NIRCAM_ON_NGC4298_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 60:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4298_SIMPLE (Obs 60)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="2">Targ. Coord. Corrections</th><th colspan="4">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(30)</td><td>NGC4298</td><td colspan="3">RA: 12 21 32.7600 (185.3865000d) Dec: +14 36 22.00 (14.60611d) Equinox: J2000</td><td colspan="2"></td><td colspan="4"></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous				(30)	NGC4298	RA: 12 21 32.7600 (185.3865000d) Dec: +14 36 22.00 (14.60611d) Equinox: J2000																			
#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous																																				
(30)	NGC4298	RA: 12 21 32.7600 (185.3865000d) Dec: +14 36 22.00 (14.60611d) Equinox: J2000																																									
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td colspan="2"></td><td colspan="2">1</td><td>NIRCam Only</td><td colspan="3">NO_DITHERING</td></tr> </tbody> </table>										#	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													
#	Primary Dither Type	Primary Dithers	Dither Size		Subpixel Positions		Coordinated Parallel Subpixel Selector	Dither Direct Images Primes																																			
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Spectral Elements	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524				
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
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2	F187N	F335M	BRIGHT1	5	1	4	4	386.524																																			
Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>										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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID																																	
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2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 59, 60, Non-interruptible  
Same V3 PA 59, 60 (Aperture PAs differ)

Proposal 3707 - Observation 61 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 61: MIRI_ON_NGC4424_SIMPLE		Tue Jan 30 19:00:40 GMT 2024											
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging													
Diagnostics	(Visit 61:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4424_SIMPLE (Obs 61)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.													
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous						
	(31)	NGC4424	RA: 12 27 11.5680 (186.7982000d) Dec: +09 25 14.30 (9.42064d) Equinox: J2000											
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>													
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				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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105				
Special Requirements	Aperture PA Range 110 to 130 Degrees (V3 105.16455103 to 125.16455103) Sequence Observations 61, 62, Non-interruptible Same V3 PA 61, 62 (Aperture PAs differ)													

Proposal 3707 - Observation 62 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 62: NIRCAM_ON_NGC4424_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 62:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4424_SIMPLE (Obs 62)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(31)</td><td>NGC4424</td><td colspan="3">RA: 12 27 11.5680 (186.7982000d) Dec: +09 25 14.30 (9.42064d) Equinox: J2000</td><td colspan="3"></td><td colspan="3"></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(31)	NGC4424	RA: 12 27 11.5680 (186.7982000d) Dec: +09 25 14.30 (9.42064d) Equinox: J2000																			
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(31)	NGC4424	RA: 12 27 11.5680 (186.7982000d) Dec: +09 25 14.30 (9.42064d) Equinox: J2000																																									
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td colspan="2"></td><td colspan="2">1</td><td>NIRCam Only</td><td colspan="3">NO_DITHERING</td></tr> </tbody> </table>										#	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													
#	Primary Dither Type	Primary Dithers	Dither Size		Subpixel Positions		Coordinated Parallel Subpixel Selector	Dither Direct Images Primes																																			
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Spectral Elements	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524				
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
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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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 61, 62, Non-interruptible  
Same V3 PA 61, 62 (Aperture PAs differ)

Proposal 3707 - Observation 65 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 65: MIRI_ON_NGC4457_SIMPLE								Tue Jan 30 19:00:40 GMT 2024											
	Diagnostic Status: Warning Observing Template: MIRI Imaging																			
Diagnostics	(Visit 65:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4457_SIMPLE (Obs 65)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous											
	(32)	NGC4457	RA: 12 28 59.0232 (187.2459300d) Dec: +03 34 14.23 (3.57062d) Equinox: J2000																	
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
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				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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
Special Requirements	Aperture PA Range 60 to 125 Degrees (V3 55.16455103 to 120.16455103) Sequence Observations 65, 66, Non-interruptible Same V3 PA 65, 66 (Aperture PAs differ)																			

Proposal 3707 - Observation 66 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 66: NIRCAM_ON_NGC4457_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 66:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4457_SIMPLE (Obs 66)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(32)</td><td>NGC4457</td><td colspan="3">RA: 12 28 59.0232 (187.2459300d) Dec: +03 34 14.23 (3.57062d) Equinox: J2000</td><td colspan="3"></td><td colspan="3"></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(32)	NGC4457	RA: 12 28 59.0232 (187.2459300d) Dec: +03 34 14.23 (3.57062d) Equinox: J2000																			
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(32)	NGC4457	RA: 12 28 59.0232 (187.2459300d) Dec: +03 34 14.23 (3.57062d) Equinox: J2000																																									
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td colspan="2"></td><td colspan="2">1</td><td>NIRCam Only</td><td colspan="3">NO_DITHERING</td></tr> </tbody> </table>										#	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													
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Spectral Elements	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524				
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
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Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>										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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID																																	
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2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 65, 66, Non-interruptible  
Same V3 PA 65, 66 (Aperture PAs differ)

Proposal 3707 - Observation 73 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 73: MIRI_ON_NGC4496A_SIMPLE							Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging													
Diagnostics	(Visit 73:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 73:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4496A_SIMPLE (Obs 73)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous						
	(33)	NGC4496A	RA: 12 31 39.9617 (187.9165071d) Dec: +03 56 19.85 (3.93885d) Equinox: J2000											
	<i>Comments: Center slightly shifted from catalog for mosaic.</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>													
Template	<b>Subarray</b> FULL													
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order							
	1	2	10.0	10.0	0.0	0.0	DEFAULT							
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size				
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105				
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 110 to 125 Degrees (V3 105.16455103 to 120.16455103) Visits Same PA  Sequence Observations 73, 74, Non-interruptible Same V3 PA 73, 74 (Aperture PAs differ)													

Proposal 3707 - Observation 74 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 74: NIRCAM_ON_NGC4496A_SIMPLE								Tue Jan 30 19:00:40 GMT 2024														
	<b>Diagnostic Status:</b> Warning																						
	Observing Template: NIRCam Imaging																						
	Coordinated Parallel Template(s): MIRI Imaging																						
<i>Comments: Redshift exceeds coverage of F187N filter, so this is replaced by F200W for this target.</i>																							
Diagnostics	(Visit 74:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4496A_SIMPLE (Obs 74)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																						
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous															
	(33)	NGC4496A	RA: 12 31 39.9617 (187.9165071d) Dec: +03 56 19.85 (3.93885d) Equinox: J2000																				
	<i>Comments: Center slightly shifted from catalog for mosaic. Category=Galaxy Description=[Spiral galaxies]</i>																						
Template	NIRCam Imaging					MIRI Imaging																	
	Module: B					Subarray: FULL																	
	Subarray: FULL																						
	Target Placement: Module Gap																						
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735														
	2	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													
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801													
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105													

**Special Requirements**

No Parallel Attachments

Sequence Observations 73, 74, Non-interruptible  
Same V3 PA 73, 74 (Aperture PAs differ)

Proposal 3707 - Observation 75 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

<b>Observation</b>	Proposal 3707, Observation 75: MIRI_ON_NGC4536_SIMPLE Diagnostic Status: Warning Observing Template: MIRI Imaging	Tue Jan 30 19:00:40 GMT 2024
<b>Diagnostics</b>	(Visit 75:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 75:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 75:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 75:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 75:5) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 75:6) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4536_SIMPLE (Obs 75)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.	
<b>Fixed Targets</b>	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (34) NGC4536 RA: 12 34 27.0672 (188.6127800d) Dec: +02 11 17.66 (2.18824d) Equinox: J2000	
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>	
<b>Template</b>	<b>Subarray</b> FULL	
<b>Mosaic</b>	Rows Columns Row Overlap % Column Overlap % Row shift (deg) Column shift (deg) Tile Order 3 2 10.0 10.0 0.0 0.0 DEFAULT	
<b>Dithers</b>	# 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	
<b>Spectral Elements</b>	# 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 F2100W FASTR1 15 2 1 Dither 1 4 8 344.105	

## Proposal 3707 - Observation 75 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

<b>Special Requirements</b>	<p>Group Visits within 53.0 Days Aperture PA Range 110 to 125 Degrees (V3 105.16455103 to 120.16455103) Visits Same PA</p> <p>Sequence Observations 75, 76, Non-interruptible Same V3 PA 75, 76 (Aperture PAs differ)</p>
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Proposal 3707 - Observation 76 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 76: NIRCAM_ON_NGC4536_SIMPLE								Tue Jan 30 19:00:40 GMT 2024							
	<b>Diagnostic Status:</b> Warning															
	Observing Template: NIRCam Imaging															
	Coordinated Parallel Template(s): MIRI Imaging															
<i>Comments: Redshift exceeds coverage of F187N filter, so this is replaced by F200W for this target.</i>																
Diagnostics	(Visit 76:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4536_SIMPLE (Obs 76)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.															
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous								
	(34)	NGC4536	RA: 12 34 27.0672 (188.6127800d) Dec: +02 11 17.66 (2.18824d) Equinox: J2000													
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>															
	<b>NIRCam Imaging</b>					<b>MIRI Imaging</b>										
	Module: B					Subarray: FULL										
	Target Placement: Module Gap															
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735							
	2	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						
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801						
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105						

**Special Requirements**

No Parallel Attachments

Sequence Observations 75, 76, Non-interruptible  
Same V3 PA 75, 76 (Aperture PAs differ)

Proposal 3707 - Observation 77 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 77: MIRI_ON_NGC4540_SIMPLE		Tue Jan 30 19:00:40 GMT 2024								
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging										
Diagnostics	(Visit 77:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4540_SIMPLE (Obs 77)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	#	Name	Target Coordinates								
	(35)	NGC4540	RA: 12 34 50.8632 (188.7119300d) Dec: +15 33 6.19 (15.55172d) Equinox: J2000								
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>										
Template	<b>Subarray</b> FULL										
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
Special Requirements	Aperture PA Range 125 to 135 Degrees (V3 120.16455103 to 130.16455103) Sequence Observations 77, 78, Non-interruptible Same V3 PA 77, 78 (Aperture PAs differ)										

Proposal 3707 - Observation 78 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 78: NIRCAM_ON_NGC4540_SIMPLE								Tue Jan 30 19:00:40 GMT 2024			
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging											
Diagnostics	(Visit 78:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4540_SIMPLE (Obs 78)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (35) NGC4540 RA: 12 34 50.8632 (188.7119300d) Dec: +15 33 6.19 (15.55172d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]											
Template	NIRCam Imaging MIRI Imaging Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap											
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 F150W	F300M	BRIGHT1	3	1	4	4	214.735				
	2 F187N	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 F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105			

**Special Requirements**

No Parallel Attachments

Sequence Observations 77, 78, Non-interruptible  
Same V3 PA 77, 78 (Aperture PAs differ)

Proposal 3707 - Observation 79 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 79: MIRI_ON_NGC4548_SIMPLE										Tue Jan 30 19:00:40 GMT 2024									
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																			
Diagnostics	(Visit 79:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 79:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 79:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 79:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4548_SIMPLE (Obs 79)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous											
	(36)	NGC4548	RA: 12 35 26.4576 (188.8602400d) Dec: +14 29 46.79 (14.49633d) Equinox: J2000																	
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
Mosaic	<b>Subarray</b> FULL																			
Dithers	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order													
	2	2	10.0	10.0	0.0	0.0	DEFAULT													
	#	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 107.83544897 to 124.83544897 Degrees (V3 103.0 to 120.0) Visits Same PA  Sequence Observations 79, 80, Non-interruptible Same V3 PA 79, 80 (Aperture PAs differ)																			

Proposal 3707 - Observation 80 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 80: NIRCAM_ON_NGC4548_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 80:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4548_SIMPLE (Obs 80)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(36)</td><td>NGC4548</td><td>RA: 12 35 26.4576 (188.8602400d)</td><td>Dec: +14 29 46.79 (14.49633d)</td><td>Equinox: J2000</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(36)	NGC4548	RA: 12 35 26.4576 (188.8602400d)	Dec: +14 29 46.79 (14.49633d)	Equinox: J2000																	
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(36)	NGC4548	RA: 12 35 26.4576 (188.8602400d)	Dec: +14 29 46.79 (14.49633d)	Equinox: J2000																																							
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td></td><td></td><td>1</td><td></td><td>NIRCam Only</td><td colspan="3" rowspan="2">NO_DITHERING</td></tr> </tbody> </table>										#	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													
#	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	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524				
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
1	F150W	F300M	BRIGHT1	3	1	4	4	214.735																																			
2	F187N	F335M	BRIGHT1	5	1	4	4	386.524																																			
Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>										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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 79, 80, Non-interruptible  
Same V3 PA 79, 80 (Aperture PAs differ)

Proposal 3707 - Observation 81 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 81: MIRI_ON_NGC4569_SIMPLE							Tue Jan 30 19:00:40 GMT 2024						
	Diagnostic Status: Warning Observing Template: MIRI Imaging													
Diagnostics	(Visit 81:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 81:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 81:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4569_SIMPLE (Obs 81)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous						
	(37)	NGC4569	RA: 12 36 49.8240 (189.2076000d) Dec: +13 09 46.33 (13.16287d) Equinox: J2000											
Comments:														
Template	Category=Galaxy Description=[Spiral galaxies]													
Mosaic	Subarray													
	FULL													
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	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			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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105				
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 94.83544897 to 116.83544897 Degrees (V3 90.0 to 112.0) Visits Same PA  Sequence Observations 81, 82, Non-interruptible Same V3 PA 81, 82 (Aperture PAs differ)													

Proposal 3707 - Observation 82 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 82: NIRCAM_ON_NGC4569_SIMPLE								Tue Jan 30 19:00:40 GMT 2024			
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging											
Diagnostics	(Visit 82:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4569_SIMPLE (Obs 82)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (37) NGC4569 RA: 12 36 49.8240 (189.2076000d) Dec: +13 09 46.33 (13.16287d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]											
Template	NIRCam Imaging MIRI Imaging Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap											
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 F150W	F300M	BRIGHT1	3	1	4	4	214.735				
	2 F187N	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 F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105			

**Special Requirements**

No Parallel Attachments

Sequence Observations 81, 82, Non-interruptible  
Same V3 PA 81, 82 (Aperture PAs differ)

Proposal 3707 - Observation 83 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 83: MIRI_ON_NGC4571_SIMPLE										Tue Jan 30 19:00:40 GMT 2024																																																																		
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																																																																												
Diagnostics	(Visit 83:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 83:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4571_SIMPLE (Obs 83)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																																																												
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="2">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="4">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(38)</td><td>NGC4571</td><td>RA: 12 36 56.3808 (189.2349200d)</td><td>Dec: +14 13 2.39 (14.21733d)</td><td colspan="3"></td><td colspan="4"></td></tr> <tr> <td></td><td></td><td colspan="2">Equinox: J2000</td><td colspan="3"></td><td colspan="4"></td></tr> <tr> <td></td><td></td><td colspan="2"><i>Comments:</i></td><td colspan="3"></td><td colspan="4"></td></tr> <tr> <td></td><td></td><td colspan="2">Category=Galaxy</td><td colspan="3"></td><td colspan="4"></td></tr> <tr> <td></td><td></td><td colspan="2" rowspan="2">Description=[Spiral galaxies]</td><td colspan="3" rowspan="2"></td><td colspan="4" rowspan="2"></td></tr> </tbody> </table>											#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous				(38)	NGC4571	RA: 12 36 56.3808 (189.2349200d)	Dec: +14 13 2.39 (14.21733d)										Equinox: J2000											<i>Comments:</i>											Category=Galaxy											Description=[Spiral galaxies]								
#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous																																																																						
(38)	NGC4571	RA: 12 36 56.3808 (189.2349200d)	Dec: +14 13 2.39 (14.21733d)																																																																										
		Equinox: J2000																																																																											
		<i>Comments:</i>																																																																											
		Category=Galaxy																																																																											
		Description=[Spiral galaxies]																																																																											
Template	<b>Subarray</b> FULL																																																																												
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order																																																																						
	1	2	10.0	10.0	0.0	0.0	DEFAULT																																																																						
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size																																																																			
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																																																			
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 110 to 130 Degrees (V3 105.16455103 to 125.16455103) Visits Same PA  Sequence Observations 83, 84, Non-interruptible Same V3 PA 83, 84 (Aperture PAs differ)																																																																												

Proposal 3707 - Observation 84 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 84: NIRCAM_ON_NGC4571_SIMPLE								Tue Jan 30 19:00:40 GMT 2024			
	<b>Diagnostic Status:</b> Warning  Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging											
Diagnostics	(Visit 84:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4571_SIMPLE (Obs 84)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (38) NGC4571 RA: 12 36 56.3808 (189.2349200d) Dec: +14 13 2.39 (14.21733d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]											
Template	NIRCam Imaging MIRI Imaging Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap											
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 F150W	F300M	BRIGHT1	3	1	4	4	214.735				
	2 F187N	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 F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105			

**Special Requirements**

No Parallel Attachments

Sequence Observations 83, 84, Non-interruptible  
Same V3 PA 83, 84 (Aperture PAs differ)

Proposal 3707 - Observation 85 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 85: MIRI_ON_NGC4579_SIMPLE		Tue Jan 30 19:00:40 GMT 2024								
	Diagnostic Status: Warning		Observing Template: MIRI Imaging								
Diagnostics	(Visit 85:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 85:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4579_SIMPLE (Obs 85)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections							
	(39)	NGC4579	RA: 12 37 43.5312 (189.4313800d) Dec: +11 49 5.59 (11.81822d) Equinox: J2000	Miscellaneous							
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>										
	<b>Subarray</b> FULL										
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order				
	1	2	10.0	10.0	0.0	0.0	DEFAULT				
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size	
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 124 to 140 Degrees (V3 119.16455103 to 135.16455103) Visits Same PA  Sequence Observations 85, 86, Non-interruptible Same V3 PA 85, 86 (Aperture PAs differ)										

Proposal 3707 - Observation 86 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 86: NIRCAM_ON_NGC4579_SIMPLE								Tue Jan 30 19:00:40 GMT 2024														
	<b>Diagnostic Status:</b> Warning																						
	Observing Template: NIRCam Imaging																						
	Coordinated Parallel Template(s): MIRI Imaging																						
<i>Comments: Redshift exceeds coverage of F187N filter, so this is replaced by F200W for this target.</i>																							
Diagnostics	(Visit 86:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4579_SIMPLE (Obs 86)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																						
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous															
	(39)	NGC4579	RA: 12 37 43.5312 (189.4313800d) Dec: +11 49 5.59 (11.81822d) Equinox: J2000																				
	<i>Comments: Category=Galaxy Description=[Spiral galaxies]</i>																						
Template	NIRCam Imaging					MIRI Imaging																	
	Module: B					Subarray: FULL																	
	Subarray: FULL																						
	Target Placement: Module Gap																						
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735														
	2	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	ETC Wkbk.Calc ID													
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801													
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105													

**Special Requirements**

No Parallel Attachments

Sequence Observations 85, 86, Non-interruptible  
Same V3 PA 85, 86 (Aperture PAs differ)

Proposal 3707 - Observation 89 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 89: MIRI_ON_NGC4654_SIMPLE							Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging													
Diagnostics	(Visit 89:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 89:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4654_SIMPLE (Obs 89)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous						
	(40)	NGC4654	RA: 12 43 56.5800 (190.9857500d) Dec: +13 07 36.19 (13.12672d) Equinox: J2000											
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>													
Mosaic	<b>Subarray</b> FULL													
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	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				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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105				
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 110 to 120 Degrees (V3 105.16455103 to 115.16455103) Visits Same PA  Sequence Observations 89, 90, Non-interruptible Same V3 PA 89, 90 (Aperture PAs differ)													

Proposal 3707 - Observation 90 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 90: NIRCAM_ON_NGC4654_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 90:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4654_SIMPLE (Obs 90)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th>Target Coordinates</th><th>Targ. Coord. Corrections</th><th>Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(40)</td><td>NGC4654</td><td>RA: 12 43 56.5800 (190.9857500d) Dec: +13 07 36.19 (13.12672d) Equinox: J2000</td><td></td><td></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]								#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(40)	NGC4654	RA: 12 43 56.5800 (190.9857500d) Dec: +13 07 36.19 (13.12672d) Equinox: J2000																											
#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																																							
(40)	NGC4654	RA: 12 43 56.5800 (190.9857500d) Dec: +13 07 36.19 (13.12672d) Equinox: J2000																																									
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th>Dither Size</th><th>Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th>Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td></td><td>1</td><td>NIRCam Only</td><td>NO_DITHERING</td></tr> </tbody> </table>								#	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																					
#	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	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>								NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524						
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
1	F150W	F300M	BRIGHT1	3	1	4	4	214.735																																			
2	F187N	F335M	BRIGHT1	5	1	4	4	386.524																																			
Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>								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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105			
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 89, 90, Non-interruptible  
Same V3 PA 89, 90 (Aperture PAs differ)

Proposal 3707 - Observation 91 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 91: MIRI_ON_NGC4689_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging														
Diagnostics	(Visit 91:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 91:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4689_SIMPLE (Obs 91)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous							
	(41)	NGC4689	RA: 12 47 45.5760 (191.9399000d) Dec: +13 45 45.79 (13.76272d) Equinox: J2000												
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
	<b>Subarray</b> FULL														
Mosaic	Rows	Columns	Row Overlap %		Column Overlap %		Row shift (deg)	Column shift (deg)	Tile Order						
	1	2	10.0		10.0		0.0	0.0	DEFAULT						
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size					
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 114.83544897 to 124.83544897 Degrees (V3 110.0 to 120.0) Visits Same PA  Sequence Observations 91, 92, Non-interruptible Same V3 PA 91, 92 (Aperture PAs differ)														

Proposal 3707 - Observation 92 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 92: NIRCAM_ON_NGC4689_SIMPLE							Tue Jan 30 19:00:40 GMT 2024													
	<b>Diagnostic Status:</b> Warning																				
	Observing Template: NIRCam Imaging																				
	Coordinated Parallel Template(s): MIRI Imaging																				
Comments: Redshift exceeds coverage of F187N filter, so this is replaced by F200W for this target.																					
Diagnostics	(Visit 92:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4689_SIMPLE (Obs 92)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																				
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous													
	(41)	NGC4689	RA: 12 47 45.5760 (191.9399000d) Dec: +13 45 45.79 (13.76272d) Equinox: J2000																		
	Comments: Category=Galaxy Description=[Spiral galaxies]																				
Template	NIRCam Imaging <span style="float: right;">MIRI Imaging</span>																				
	Module: B					Subarray: FULL															
	Subarray: FULL																				
	Target Placement: Module Gap																				
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735												
	2	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	ETC Wkbk.Calc ID											
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801											
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105											

**Special Requirements**

Offset 4.0 arcsec, 5.0 arcsec  
No Parallel Attachments

Sequence Observations 91, 92, Non-interruptible  
Same V3 PA 91, 92 (Aperture PAs differ)

Proposal 3707 - Observation 93 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 93: MIRI_ON_NGC4694_SIMPLE								Tue Jan 30 19:00:40 GMT 2024											
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																			
Diagnostics	(Visit 93:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4694_SIMPLE (Obs 93)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous											
	(42)	NGC4694	RA: 12 48 15.0480 (192.0627000d) Dec: +10 59 1.43 (10.98373d) Equinox: J2000																	
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
Template	<b>Subarray</b> FULL																			
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
Special Requirements	Aperture PA Range 105 to 120 Degrees (V3 100.16455103 to 115.16455103) Sequence Observations 93, 94, Non-interruptible Same V3 PA 93, 94 (Aperture PAs differ)																			

Proposal 3707 - Observation 94 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 94: NIRCAM_ON_NGC4694_SIMPLE								Tue Jan 30 19:00:40 GMT 2024			
	<b>Diagnostic Status:</b> Warning  Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging											
Diagnostics	(Visit 94:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4694_SIMPLE (Obs 94)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.											
Fixed Targets	# Name Target Coordinates Targ. Coord. Corrections Miscellaneous (42) NGC4694 RA: 12 48 15.0480 (192.0627000d) Dec: +10 59 1.43 (10.98373d) Equinox: J2000  <i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]											
Template	NIRCam Imaging MIRI Imaging Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap											
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 F150W	F300M	BRIGHT1	3	1	4	4	214.735				
	2 F187N	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 F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105			

**Special Requirements**

No Parallel Attachments

Sequence Observations 93, 94, Non-interruptible  
Same V3 PA 93, 94 (Aperture PAs differ)

Proposal 3707 - Observation 95 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 95: MIRI_ON_NGC4731_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging														
Diagnostics	(Visit 95:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 95:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4731_SIMPLE (Obs 95)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(43)	NGC4731	RA: 12 51 1.2072 (192.7550300d) Dec: -06 23 34.22 (-6.39284d) Equinox: J2000												
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Mosaic	<b>Subarray</b> FULL														
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	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				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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 105 to 115 Degrees (V3 100.16455103 to 110.16455103) Visits Same PA  Sequence Observations 95, 96, Non-interruptible Same V3 PA 95, 96 (Aperture PAs differ)														

Proposal 3707 - Observation 96 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 96: NIRCAM_ON_NGC4731_SIMPLE								Tue Jan 30 19:00:40 GMT 2024														
	<b>Diagnostic Status:</b> Warning																						
	Observing Template: NIRCam Imaging																						
	Coordinated Parallel Template(s): MIRI Imaging																						
<i>Comments: Redshift exceeds coverage of F187N filter, so this is replaced by F200W for this target.</i>																							
Diagnostics	(Visit 96:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4731_SIMPLE (Obs 96)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																						
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous															
	(43)	NGC4731	RA: 12 51 1.2072 (192.7550300d) Dec: -06 23 34.22 (-6.39284d) Equinox: J2000																				
	<i>Comments: Category=Galaxy Description=[Spiral galaxies]</i>																						
Template	NIRCam Imaging					MIRI Imaging																	
	Module: B					Subarray: FULL																	
	Subarray: FULL																						
	Target Placement: Module Gap																						
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735														
	2	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	ETC Wkbk.Calc ID													
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801													
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105													

**Special Requirements**

No Parallel Attachments

Sequence Observations 95, 96, Non-interruptible  
Same V3 PA 95, 96 (Aperture PAs differ)

Proposal 3707 - Observation 97 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 97: MIRI_ON_NGC4781_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging														
Diagnostics	(Visit 97:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 97:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4781_SIMPLE (Obs 97)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(44)	NGC4781	RA: 12 54 23.8008 (193.5991700d) Dec: -10 32 13.63 (-10.53712d) Equinox: J2000												
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Mosaic	<b>Subarray</b> FULL														
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	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				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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 104.83544897 to 124.83544897 Degrees (V3 100.0 to 120.0) Visits Same PA  Sequence Observations 97, 98, Non-interruptible Same V3 PA 97, 98 (Aperture PAs differ)														

Proposal 3707 - Observation 98 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 98: NIRCAM_ON_NGC4781_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 98:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4781_SIMPLE (Obs 98)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(44)</td><td>NGC4781</td><td>RA:</td><td>12 54 23.8008</td><td>(193.5991700d)</td><td>Dec:</td><td>-10 32 13.63</td><td>(-10.53712d)</td><td>Equinox:</td><td>J2000</td><td></td></tr> </tbody> </table> Comments: Category=Galaxy Description=[Spiral galaxies]										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(44)	NGC4781	RA:	12 54 23.8008	(193.5991700d)	Dec:	-10 32 13.63	(-10.53712d)	Equinox:	J2000												
#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous																																			
(44)	NGC4781	RA:	12 54 23.8008	(193.5991700d)	Dec:	-10 32 13.63	(-10.53712d)	Equinox:	J2000																																		
Template	<b>NIRCam Imaging</b> <b>MIRI Imaging</b> Module: B Subarray: FULL Subarray: FULL Target Placement: Module Gap																																										
Dithers	<table border="1"> <thead> <tr> <th>#</th><th>Primary Dither Type</th><th>Primary Dithers</th><th colspan="2">Dither Size</th><th colspan="2">Subpixel Positions</th><th>Coordinated Parallel Subpixel Selector</th><th colspan="3">Dither Direct Images Primes</th></tr> </thead> <tbody> <tr> <td>1</td><td>INTRAMODULEBOX</td><td>4</td><td></td><td></td><td>1</td><td></td><td>NIRCam Only</td><td colspan="3" rowspan="2">NO_DITHERING</td></tr> </tbody> </table>										#	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													
#	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	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th><th>Short Filter</th><th>Long Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Total Integrations</th><th>Total Dithers</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F150W</td><td>F300M</td><td>BRIGHT1</td><td>3</td><td>1</td><td>4</td><td>4</td><td>214.735</td><td></td></tr> <tr> <td>2</td><td>F187N</td><td>F335M</td><td>BRIGHT1</td><td>5</td><td>1</td><td>4</td><td>4</td><td>386.524</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F300M	BRIGHT1	3	1	4	4	214.735		2	F187N	F335M	BRIGHT1	5	1	4	4	386.524				
NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																		
1	F150W	F300M	BRIGHT1	3	1	4	4	214.735																																			
2	F187N	F335M	BRIGHT1	5	1	4	4	386.524																																			
Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th><th>Filter</th><th>Readout Pattern</th><th>Groups/Int</th><th>Integrations/Exp</th><th>Exposures/Dith</th><th>Dither</th><th>Total Dithers</th><th>Total Integrations</th><th>Total Exposure Time</th><th>ETC Wkbk.Calc ID</th></tr> </thead> <tbody> <tr> <td>1</td><td>F770W</td><td>FASTR1</td><td>8</td><td>1</td><td>1</td><td>Dither 1</td><td>4</td><td>4</td><td>88.801</td><td></td></tr> <tr> <td>2</td><td>F2100W</td><td>FASTR1</td><td>15</td><td>2</td><td>1</td><td>Dither 1</td><td>4</td><td>8</td><td>344.105</td><td></td></tr> </tbody> </table>										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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

Offset 2.0 arcsec, 10.0 arcsec  
No Parallel Attachments

Sequence Observations 97, 98, Non-interruptible  
Same V3 PA 97, 98 (Aperture PAs differ)

Proposal 3707 - Observation 99 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 99: MIRI_ON_NGC4826_SIMPLE										Tue Jan 30 19:00:40 GMT 2024									
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																			
Diagnostics	(Visit 99:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4826_SIMPLE (Obs 99)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous											
	(45)	NGC4826	RA: 12 56 43.6416 (194.1818400d) Dec: +21 40 59.09 (21.68308d) Equinox: J2000																	
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
Template	<b>Subarray</b> FULL																			
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
Special Requirements	Aperture PA Range 99.83544897 to 134.83544897 Degrees (V3 95.0 to 130.0) Sequence Observations 99, 100, Non-interruptible Same V3 PA 99, 100 (Aperture PAs differ)																			

Proposal 3707 - Observation 100 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 100: NIRCAM_ON_NGC4826_SIMPLE								Tue Jan 30 19:00:40 GMT 2024														
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																						
Diagnostics	(Visit 100:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4826_SIMPLE (Obs 100)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																						
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous															
	(45)	NGC4826	RA: 12 56 43.6416 (194.1818400d) Dec: +21 40 59.09 (21.68308d) Equinox: J2000																				
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																						
Template	NIRCam Imaging					MIRI Imaging																	
	Module: B					Subarray: FULL																	
	Subarray: FULL																						
	Target Placement: Module Gap																						
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735														
	2	F187N	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													
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801													
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105													

## Proposal 3707 - Observation 100 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 99, 100, Non-interruptible  
Same V3 PA 99, 100 (Aperture PAs differ)

Proposal 3707 - Observation 101 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 101: MIRI_ON_NGC4941_SIMPLE								Tue Jan 30 19:00:40 GMT 2024											
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																			
Diagnostics	(Visit 101:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 101:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4941_SIMPLE (Obs 101)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous												
	(46)	NGC4941	RA: 13 04 13.1064 (196.0546100d) Dec: -05 33 5.54 (-5.55154d) Equinox: J2000																	
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
	<b>Subarray</b> FULL																			
Mosaic	Rows	Columns	Row Overlap %		Column Overlap %		Row shift (deg)	Column shift (deg)	Tile Order											
	1	2	10.0		10.0		0.0	0.0	DEFAULT											
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size										
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 74.83544897 to 124.83544897 Degrees (V3 70.0 to 120.0) Visits Same PA  Sequence Observations 101, 102, Non-interruptible Same V3 PA 101, 102 (Aperture PAs differ)																			

Proposal 3707 - Observation 102 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 102: NIRCAM_ON_NGC4941_SIMPLE								Tue Jan 30 19:00:40 GMT 2024														
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																						
Diagnostics	(Visit 102:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4941_SIMPLE (Obs 102)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																						
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous															
	(46)	NGC4941	RA: 13 04 13.1064 (196.0546100d) Dec: -05 33 5.54 (-5.55154d) Equinox: J2000																				
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																						
Template	NIRCam Imaging					MIRI Imaging																	
	Module: B					Subarray: FULL																	
	Subarray: FULL																						
	Target Placement: Module Gap																						
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735														
	2	F187N	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													
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801													
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105													

## Proposal 3707 - Observation 102 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 101, 102, Non-interruptible  
Same V3 PA 101, 102 (Aperture PAs differ)

Proposal 3707 - Observation 103 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 103: MIRI_ON_NGC4951_SIMPLE		Tue Jan 30 19:00:40 GMT 2024								
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging										
Diagnostics	(Visit 103:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC4951_SIMPLE (Obs 103)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	#	Name	Target Coordinates RA: 13 05 7.7136 (196.2821400d) Dec: -06 29 37.75 (-6.49382d) Equinox: J2000								
	(47)	NGC4951	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>								
Template	<b>Subarray</b> FULL										
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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
Special Requirements	Aperture PA Range 54.83544897 to 124.83544897 Degrees (V3 50.0 to 120.0) Sequence Observations 103, 104, Non-interruptible Same V3 PA 103, 104 (Aperture PAs differ)										

Proposal 3707 - Observation 104 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 104: NIRCAM_ON_NGC4951_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging														
Diagnostics	(Visit 104:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC4951_SIMPLE (Obs 104)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(47)	NGC4951	RA: 13 05 7.7136 (196.2821400d) Dec: -06 29 37.75 (-6.49382d) Equinox: J2000												
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Template	<b>NIRCam Imaging</b> <span style="float: right;"><b>MIRI Imaging</b></span> Module: B <span style="float: right;">Subarray: FULL</span> Subarray: FULL <span style="float: right;"></span> Target Placement: Module Gap <span style="float: right;"></span>														
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735						
	2	F187N	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					

**Special Requirements**

No Parallel Attachments

Sequence Observations 103, 104, Non-interruptible  
Same V3 PA 103, 104 (Aperture PAs differ)

Proposal 3707 - Observation 105 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 105: MIRI_ON_NGC5042_SIMPLE		Tue Jan 30 19:00:40 GMT 2024								
	Diagnostic Status: Warning		Observing Template: MIRI Imaging								
Diagnostics	(Visit 105:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 105:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC5042_SIMPLE (Obs 105)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections							
	(48)	NGC5042	RA: 13 15 31.0080 (198.8792000d) Dec: -23 59 1.97 (-23.98388d) Equinox: J2000	Miscellaneous							
Comments:											
Category=Galaxy											
Description=[Spiral galaxies]											
Template	Subarray										
	FULL										
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order				
	1	2	10.0	10.0	0.0	0.0	DEFAULT				
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size	
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105	
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 90 to 110 Degrees (V3 85.16455103 to 105.16455103) Visits Same PA  Sequence Observations 105, 106, Non-interruptible Same V3 PA 105, 106 (Aperture PAs differ)										

Proposal 3707 - Observation 106 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 106: NIRCAM_ON_NGC5042_SIMPLE								Tue Jan 30 19:00:40 GMT 2024									
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																	
Diagnostics	(Visit 106:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC5042_SIMPLE (Obs 106)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																	
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous										
	(48)	NGC5042	RA: 13 15 31.0080 (198.8792000d) Dec: -23 59 1.97 (-23.98388d) Equinox: J2000															
Template	<i>Comments:</i> Category=Galaxy Description=[Spiral galaxies]																	
	NIRCam Imaging					MIRI Imaging												
Dithers	Module: B					Subarray: FULL												
	Subarray: FULL																	
Spectral Elements	#	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	F150W	F300M	BRIGHT1	3	1	4	4	214.735									
Spectral Elements	2	F187N	F335M	BRIGHT1	5	1	4	4	386.524									
	MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time								
Spectral Elements	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801								
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105								

## Proposal 3707 - Observation 106 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 105, 106, Non-interruptible  
Same V3 PA 105, 106 (Aperture PAs differ)

Proposal 3707 - Observation 107 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 107: MIRI_ON_NGC5134_SIMPLE							Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging													
Diagnostics	(Visit 107:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 107:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC5134_SIMPLE (Obs 107)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous						
	(49)	NGC5134	RA: 13 25 18.5424 (201.3272600d) Dec: -21 08 3.08 (-21.13419d) Equinox: J2000											
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>													
Mosaic	<b>Subarray</b> FULL													
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order							
	1	2	10.0	10.0	0.0	20.0	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105				
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 95 to 115 Degrees (V3 90.16455103 to 110.16455103) Visits Same PA  Sequence Observations 107, 108, Non-interruptible Same V3 PA 107, 108 (Aperture PAs differ)													

Proposal 3707 - Observation 108 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 108: NIRCAM_ON_NGC5134_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning														
	Observing Template: NIRCam Imaging														
	Coordinated Parallel Template(s): MIRI Imaging														
Comments: Redshift exceeds coverage of F187N filter, so this is replaced by F200W for this target.															
Diagnostics	(Visit 108:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC5134_SIMPLE (Obs 108)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous						
	(49)	NGC5134	RA: 13 25 18.5424 (201.3272600d) Dec: -21 08 3.08 (-21.13419d) Equinox: J2000												
Template	Comments: Category=Galaxy Description=[Spiral galaxies]														
	NIRCam Imaging					MIRI Imaging									
	Module: B					Subarray: FULL									
	Subarray: FULL Target Placement: Module Gap														
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735						
	2	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					
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801					
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					

Proposal 3707 - Observation 108 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

**Special Requirements**

No Parallel Attachments

Sequence Observations 107, 108, Non-interruptible  
Same V3 PA 107, 108 (Aperture PAs differ)

Proposal 3707 - Observation 109 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 109: MIRI_ON_NGC5248_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging														
Diagnostics	(Visit 109:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 109:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 109:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 109:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC5248_SIMPLE (Obs 109)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(50)	NGC5248	RA: 13 37 32.0064 (204.3833600d) Dec: +08 53 6.68 (8.88519d) Equinox: J2000												
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Mosaic	<b>Subarray</b> FULL														
Dithers	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order								
	2	2	10.0	10.0	0.0	0.0	DEFAULT								
Spectral Elements	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size	ETC Wkbk.Calc ID				
	1	4-Point-Sets				6	1	EXTENDED SOURCE	POSITIVE	DEFAULT					
Special Requirements	#	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					
	Group Visits within 53.0 Days Aperture PA Range 115 to 135 Degrees (V3 110.16455103 to 130.16455103) Visits Same PA  Sequence Observations 109, 110, Non-interruptible Same V3 PA 109, 110 (Aperture PAs differ)														

Proposal 3707 - Observation 110 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 110: NIRCAM_ON_NGC5248_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging														
Diagnostics	(Visit 110:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC5248_SIMPLE (Obs 110)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(50)	NGC5248	RA: 13 37 32.0064 (204.3833600d) Dec: +08 53 6.68 (8.88519d) Equinox: J2000												
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Template	<b>NIRCam Imaging</b> <span style="float: right;"><b>MIRI Imaging</b></span> Module: B <span style="float: right;">Subarray: FULL</span> Subarray: FULL Target Placement: Module Gap														
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735						
	2	F187N	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					

## Proposal 3707 - Observation 110 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 109, 110, Non-interruptible  
Same V3 PA 109, 110 (Aperture PAs differ)

Proposal 3707 - Observation 111 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 111: MIRI_ON_NGC5530_SIMPLE								Tue Jan 30 19:00:40 GMT 2024											
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging																			
Diagnostics	(Visit 111:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 111:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC5530_SIMPLE (Obs 111)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous												
	(51)	NGC5530	RA: 14 18 27.3120 (214.6138000d) Dec: -43 23 17.74 (-43.38826d) Equinox: J2000																	
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
Mosaic	<b>Subarray</b> FULL																			
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order													
	1	2	10.0	10.0	0.0	20.0	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 75 to 90 Degrees (V3 70.16455103 to 85.16455103) Visits Same PA  Sequence Observations 111, 112, Non-interruptible Same V3 PA 111, 112 (Aperture PAs differ)																			

Proposal 3707 - Observation 112 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 112: NIRCAM_ON_NGC5530_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning														
	Observing Template: NIRCam Imaging														
	Coordinated Parallel Template(s): MIRI Imaging														
Diagnostics	(Visit 112:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC5530_SIMPLE (Obs 112)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(51)	NGC5530	RA: 14 18 27.3120 (214.6138000d) Dec: -43 23 17.74 (-43.38826d) Equinox: J2000												
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Template	NIRCam Imaging								MIRI Imaging						
	Module: B								Subarray: FULL						
	Subarray: FULL														
	Target Placement: Module Gap														
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735						
	2	F187N	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					
	1	F770W	FASTR1	8	1	1	Dither 1	4	4	88.801					
	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					

## Proposal 3707 - Observation 112 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

### Special Requirements

No Parallel Attachments

Sequence Observations 111, 112, Non-interruptible  
Same V3 PA 111, 112 (Aperture PAs differ)

Proposal 3707 - Observation 113 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 113: MIRI_ON_NGC5643_SIMPLE							Tue Jan 30 19:00:40 GMT 2024						
	Diagnostic Status: Warning Observing Template: MIRI Imaging													
Diagnostics	(Visit 113:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 113:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 113:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 113:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC5643_SIMPLE (Obs 113)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous						
	(52)	NGC5643	RA: 14 32 40.7784 (218.1699100d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000											
Comments:														
Template	Category=Galaxy Description=[Spiral galaxies]													
Mosaic	Subarray													
	FULL													
Dithers	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order							
	2	2	10.0	10.0	0.0	0.0	DEFAULT							
	#	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105				
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 80 to 100 Degrees (V3 75.16455103 to 95.16455103) Visits Same PA  Sequence Observations 113, 114, Non-interruptible Same V3 PA 113, 114 (Aperture PAs differ)													

Proposal 3707 - Observation 114 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 114: NIRCAM_ON_NGC5643_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging														
Diagnostics	(Visit 114:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC5643_SIMPLE (Obs 114)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(52)	NGC5643	RA: 14 32 40.7784 (218.1699100d) Dec: -44 10 28.60 (-44.17461d) Equinox: J2000												
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Template	<b>NIRCam Imaging</b> <span style="float: right;"><b>MIRI Imaging</b></span> Module: B <span style="float: right;">Subarray: FULL</span> Subarray: FULL <span style="float: right;"></span> Target Placement: Module Gap <span style="float: right;"></span>														
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735						
	2	F187N	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					

**Special Requirements**

No Parallel Attachments

Sequence Observations 113, 114, Non-interruptible  
Same V3 PA 113, 114 (Aperture PAs differ)

Proposal 3707 - Observation 115 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 115: MIRI_ON_NGC6300_SIMPLE							Tue Jan 30 19:00:40 GMT 2024						
	Diagnostic Status: Warning Observing Template: MIRI Imaging													
Diagnostics	(Visit 115:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 115:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC6300_SIMPLE (Obs 115)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.													
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous						
	(53)	NGC6300	RA: 17 16 59.4720 (259.2478000d) Dec: -62 49 13.98 (-62.82055d) Equinox: J2000											
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>													
	Subarray													
	FULL													
Mosaic	Rows	Columns	Row Overlap %		Column Overlap %		Row shift (deg)	Column shift (deg)	Tile Order					
	1	2	10.0		10.0		0.0	0.0	DEFAULT					
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size				
	1	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105				
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 30 to 60 Degrees (V3 25.16455103 to 55.16455103) Visits Same PA  Sequence Observations 115, 116, Non-interruptible Same V3 PA 115, 116 (Aperture PAs differ)													

Proposal 3707 - Observation 116 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 116: NIRCAM_ON_NGC6300_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging														
Diagnostics	(Visit 116:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC6300_SIMPLE (Obs 116)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(53)	NGC6300	RA: 17 16 59.4720 (259.2478000d) Dec: -62 49 13.98 (-62.82055d) Equinox: J2000												
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Template	<b>NIRCam Imaging</b> <span style="float: right;"><b>MIRI Imaging</b></span> Module: B <span style="float: right;">Subarray: FULL</span> Subarray: FULL <span style="float: right;"></span> Target Placement: Module Gap <span style="float: right;"></span>														
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735						
	2	F187N	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					

**Special Requirements**

No Parallel Attachments

Sequence Observations 115, 116, Non-interruptible  
Same V3 PA 115, 116 (Aperture PAs differ)

Proposal 3707 - Observation 117 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 117: MIRI_ON_IC5273_SIMPLE		Tue Jan 30 19:00:40 GMT 2024
	<b>Diagnostic Status:</b> Warning Observing Template: MIRI Imaging		
Diagnostics	(Visit 117:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_IC5273_SIMPLE (Obs 117)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.		
Fixed Targets	#	Name	Target Coordinates
	(54)	IC5273	RA: 22 59 26.4136 (344.8600567d) Dec: -37 42 21.91 (-37.70609d) Equinox: J2000
	<i>Comments: Center shifted slightly relative to catalog</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>		
Template	<b>Subarray</b> FULL		
Dithers	#	Dither Type	Starting Point
	1	4-Point-Sets	Number of Points Points Starting Set Number of Sets Optimized For Direction Pattern Size
			6 1 EXTENDED SOURCE POSITIVE DEFAULT
Spectral Elements	#	Filter	Readout Pattern
	1	F770W	FASTR1
	2	F2100W	FASTR1
			Groups/Int Integrations/Exp Exposures/Dith Dither Total Dithers Total Integrations Total Exposure Time ETC Wkbk.Calc ID
Special Requirements	Aperture PA Range 35.83544897 to 69.83544897 Degrees (V3 31.0 to 65.0) Sequence Observations 117, 118, Non-interruptible Same V3 PA 117, 118 (Aperture PAs differ)		

Proposal 3707 - Observation 118 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 118: NIRCAM_ON_IC5273_SIMPLE								Tue Jan 30 19:00:40 GMT 2024																																		
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																										
Diagnostics	(Visit 118:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_IC5273_SIMPLE (Obs 118)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																																										
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th><th>Name</th><th colspan="3">Target Coordinates</th><th colspan="3">Targ. Coord. Corrections</th><th colspan="3">Miscellaneous</th></tr> </thead> <tbody> <tr> <td>(54)</td><td>IC5273</td><td colspan="3">RA: 22 59 26.4136 (344.8600567d) Dec: -37 42 21.91 (-37.70609d) Equinox: J2000</td><td colspan="3"></td><td colspan="3"></td></tr> </tbody> </table> <i>Comments: Center shifted slightly relative to catalog</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>										#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			(54)	IC5273	RA: 22 59 26.4136 (344.8600567d) Dec: -37 42 21.91 (-37.70609d) Equinox: J2000																			
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2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105																																		

**Special Requirements**

No Parallel Attachments

Sequence Observations 117, 118, Non-interruptible  
Same V3 PA 117, 118 (Aperture PAs differ)

Proposal 3707 - Observation 119 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 119: MIRI_ON_NGC7456_SIMPLE								Tue Jan 30 19:00:40 GMT 2024											
	Diagnostic Status: Warning		Observing Template: MIRI Imaging																	
Diagnostics	(Visit 119:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (MIRI_ON_NGC7456_SIMPLE (Obs 119)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.																			
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Miscellaneous													
	(55)	NGC7456	RA: 23 02 10.3344 (345.5430600d) Dec: -39 34 9.88 (-39.56941d) Equinox: J2000																	
Template	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>																			
	<b>Subarray</b> FULL																			
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										
Special Requirements	2	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105										
	Aperture PA Range 0 to 55 Degrees (V3 355.16455103 to 50.16455103) Sequence Observations 119, 120, Non-interruptible Same V3 PA 119, 120 (Aperture PAs differ)																			

Proposal 3707 - Observation 120 - A JWST Census of the Local Galaxy Population: Anchoring the Physics of the Matter Cycle

Observation	Proposal 3707, Observation 120: NIRCAM_ON_NGC7456_SIMPLE								Tue Jan 30 19:00:40 GMT 2024						
	<b>Diagnostic Status:</b> Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging														
Diagnostics	(Visit 120:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (NIRCAM_ON_NGC7456_SIMPLE (Obs 120)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.														
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous							
	(55)	NGC7456	RA: 23 02 10.3344 (345.5430600d) Dec: -39 34 9.88 (-39.56941d) Equinox: J2000												
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Spiral galaxies]</i>														
Template	<b>NIRCam Imaging</b> <span style="float: right;"><b>MIRI Imaging</b></span> Module: B <span style="float: right;">Subarray: FULL</span> Subarray: FULL <span style="float: right;"></span> Target Placement: Module Gap <span style="float: right;"></span>														
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	F150W	F300M	BRIGHT1	3	1	4	4	214.735						
	2	F187N	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	F2100W	FASTR1	15	2	1	Dither 1	4	8	344.105					

**Special Requirements**

Offset 3.0 arcsec, 12.0 arcsec  
No Parallel Attachments

Sequence Observations 119, 120, Non-interruptible  
Same V3 PA 119, 120 (Aperture PAs differ)