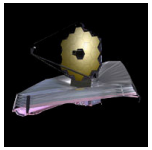

12588 - NEXUS: the North ecliptic pole EXtragalactic Unified Survey

Cycle: 5, Proposal Category: GO

INVESTIGATORS

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Dr. Feige Wang (CoI)	University of Michigan
Prof. Jenny Emma Greene (CoI)	Princeton University

OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
Observation Folder				
	1	Wide-epoch3 NIRCam WFSS	NIRCam Wide Field Slitless Spectroscopy	(1) NEXUS-Center
	2	Deep-epoch13 NIRCam	NIRCam Imaging	(1) NEXUS-Center
	3	Deep-epoch13 NIRSpec MOS	NIRSpec MultiObject Spectroscopy	(4) msa_catalog_deep_ep2
	4	Deep-epoch14 NIRCam	NIRCam Imaging	(1) NEXUS-Center

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	5	Deep-epoch14 NIRSpec MOS	NIRSpec MultiObject Spectroscopy	(4) msa_catalog_deep_ep2
	6	Deep-epoch15 NIRCam	NIRCam Imaging	(1) NEXUS-Center
	7	Deep-epoch15 NIRSpec MOS	NIRSpec MultiObject Spectroscopy	(7) msa_catalog_deep_ep3_enlarged
	8	Deep-epoch16 NIRCam	NIRCam Imaging	(1) NEXUS-Center
	9	Deep-epoch16 NIRSpec MOS	NIRSpec MultiObject Spectroscopy	(8) msa_catalog_deep_ep4
	10	Deep-epoch17 NIRCam	NIRCam Imaging	(1) NEXUS-Center
	11	Deep-epoch17 NIRSpec MOS	NIRSpec MultiObject Spectroscopy	(9) msa_catalog_deep_ep5
	12	Deep-epoch18 NIRCam	NIRCam Imaging	(1) NEXUS-Center
	13	Deep-epoch18 NIRSpec MOS	NIRSpec MultiObject Spectroscopy	(10) msa_catalog_deep_ep6

ABSTRACT

NEXUS is a proposed multi-cycle treasury spectroscopic survey around the North Ecliptic Pole with exquisite optical through MIR photometry and temporal sampling. It contains two overlapping tiers. The Wide tier (~400 arcmin^2) performs NIRCam/WFSS 2.4-5micron grism spectroscopy with three epochs over 3 cycles. The Deep tier (~50 arcmin^2) performs high-multiplexing NIRSpec 0.6-5.3micron MOS/PRISM spectroscopy for up to ~10,000 targets, over 18 epochs with a 2-month cadence. All epochs have simultaneous deep NIRCam and MIRI imaging. The field is within the continuous viewing zone of JWST, and is fully covered in the Euclid Deep Field North, with a wealth of deep multi-wavelength data to maximize synergy across wavelengths and science areas.

NEXUS has three science pillars. First, with its massive spectroscopic sample and deep photometry, it will perform efficient classification and physical characterization of galaxies and AGNs from z~1 to Cosmic Dawn. With the large contiguous area coverage, it will measure the spatial clustering and demography of the first galaxies and SMBHs at z>6. Second, multi-epoch observations enable systematic time-domain investigations, focusing on z>3 supernova searches and low-mass AGN reverberation mapping. Third, the comprehensive data set from three JWST instruments will enable knowledge transfer to other legacy fields, create data challenges, and initiate benchmark work for future space missions. With rapid public releases of processed data and an open invitation for participation, NEXUS aims for broad and swift community engagement, to become a

powerhouse to drive transformative advancements in multiple key science areas of astronomy.

OBSERVING DESCRIPTION

The NEXUS project is a multi-instrument, multi-cycle (Cycles 3,4,5), multi-epoch JWST treasure survey, aiming at addressing three fundamental science thrusts: (1) Galaxy science with a focus on the z ~> 6 populations; (2) Time-domain science with focuses on transients and AGN reverberation mapping; (3) Data challenges and applications to broader JWST data and astronomical communities. The program consists of two tiers of area coverage. A Wide tier covers ~400 arcmin^2 with NIRCam/WFSS grism spectroscopy (2.4-5 micron), and a Deep tier covers the central ~50 arcmin2 with NIRSpec MOS/PRISM spectroscopy (0.6-5.3 micron). Both tiers have deep NIRCam imaging and parallel MIRI imaging to cover ~0.9-15 micron.

The time request is ~equally divided in three cycles, with Cycle 3 receiving slightly more time. In Cycle 3, we request one Wide epoch and 6 Deep epochs. The total time charge in Cycle 3 is 129 hrs. Given the duration of Cycle 3 (July 1, 2024 – June 30, 2025), the Wide epoch should be scheduled in July (early Aug is OK) before the first Deep epoch. The Deep epochs have a nominal cadence of ~2 months, though +-2 weeks is also acceptable. [Currently in APT the Deep epochs are restricted to +-1 week, which can be adjusted later.]

Each Wide epoch will cost ~60 hrs and each Deep epoch will cost ~10 hrs.

The detailed observation designs and instrument configurations are described as follows:

*** Wide Tier:

1. NIRCam/WFSS

We will use a combination of F322W2 and F444W filters in the LW channel of WFSS observations paired with F115W and F200W imaging in SW channel to cover a complete wavelength range from ~2.4 to 5 micron with grism spectroscopy. We will also obtain F150W+F356W (in-field) and F090W+F444W (both in-field and out-field) direct imaging after WFSS exposures. We only use Grism-R for WFSS observations since the confusion will be resolved by the detection of multiple emission lines and three different PAs provided by three epochs.

We will adopt a 4 columns x 9 rows mosaic pattern to cover an area of 21.4'x18.4'=394 arcmin^2. We will use a two-point INTRAMODULEX primary dither pattern to fill the gaps between SW detectors and mitigate the effect of cosmic rays. To save overhead, we do not require subpixel

dither, as we will have three observations with different PAs. We will use the SHALLOW4 readout pattern with 6 Groups and 1 Intergration for F322W2 WFSS exposure and the MEDIUM8 with 6 Groups and 1 Intergration for F444W WFSS exposure. Both direct imaging exposures will be obtained with the SHALLOW4 readout pattern with 6 Groups and 1 Intergration. The above configurations will result in a total exposure time of 623s for F322W2 WFSS observations, 1245s for F444W WFSS observations, 311s for F150W+F356W direct imaging, and 934s for F090W+F444W direct imaging (in-field + out-field). Note these numbers are for a single epoch.

The Wide tier will have three repeated observations (three epochs) with PA rotations of 135 and 270 degrees from the first epoch. This arrangement will result in a cadence of ~16.5 month. Three different PAs will mitigate source confusion in the grism wavelength dispersion direction, and help fill the gaps between two NIRCam Modules. For epochs 2 and 3 in Cycles 4 and 5 respectively, we only require one set of direct imaging, with F150W+356W for epoch 2 and F090W+F444W for epoch 3. We choose the PA of epoch 1, which is scheduable during the first month of Cycle 3. With this fixed PA, we adjust the field center to avoid any bright stars (Ks<10 Vega mag) entering the FoV of our NIRCam observations. Combining three epochs, the coadded exposure is 1869s for F322W2 WFSS grism, and 3735s for F444W WFSS grism.

2. MIRI parallel
We will obtain coordinated MIRI parallel imaging in F770W+F1000W+F1280W. These MIRI imaging is important for source classification, target selection and detailed science studies. The F770W imaging will be obtained simultaneously in parallel with the F322W2 WFSS exposures with a total exposure time of 638s (957s in epoch 1 with an additional direct imaging exposure). F1000W will be obtained in parallel simultaneously with the F444W WFSS exposures with a total exposure time of 1260s. F1280W will be obtained simultaneously in parallel with the final direct imaging with a total exposure time of 957s. We will adopt the default FASTR1 readout pattern with 2 or 4 Integrations to avoid longer than 300s integration time.

*** Deep Tier:

1. NIRCam imaging primary + MIRI parallel
NIRCam primary imaging in the Deep tier is necessary to provide the cadenced imaging for time-domain studies, since the FoV coverages of NIRCam and NIRSpec are different (so we cannot use NIRCam parallel with NIRSpec primary). We will use F200W+F444W NIRCam imaging with a FULLBOX 2TIGHTGAPS primary dither to fill the gap between two NIRCam Modules. F200W is essential for high-redshift transient searches. The observations consist of 2 columns x 3 rows mosaics to cover the central 10.8'x6.5'=70 arcmin^2 of the Wide Tier. We will adopt the

SHALLOW4 readout pattern with 6 Groups and 1 Integration (same as Wide Tier NIRcam direct imaging), with a total exposure time of 623s.

We will obtain coordinated MIRI parallel imaging with the NIRCam imaging primary in F1000W with FASTR1 readout pattern, 57 Groups, and 2 Integrations with a total exposure time of 638s. This is to provide additional time-resolved MIRI imaging in Deep to aid time-domain studies.

2. NIRSpec MOS primary + NIRCam imaging parallel
We will use NIRSpec MOS spectroscopy with a 2x2 mosaic to obtain deep prism (R=30-300) 0.6-5.3 micron in the central ~7'x7'=49 arcmin^2 covered by Deep Tier NIRCam imaging. We will adopt PRISM/CLEAR grating, NRSIRS2RAPID readout pattern, 43 Groups, and 1 Integration for each pointing. We will adopt a two shutter slitlet nodding to mitigate detector defects, help remove cosmic rays, improve flux accuracy, and improve spatial and spectral sampling. The total exposure time is 1284s per pointing.

We will obtain coordinated NIRCam parallel F210M+F360M imaging simultaneously with NIRSpec MOS observations. We will use the MEDIUM8 readout pattern with 6 Groups and 1 Intergrations. NIRCam parallel imaging adds two medium filters over ~6'x39'=234 arcmin^2 fully within the Wide Tier NIRCam imaging to improve photometric classification therein. This filter combination can effectively select objects at z=4.6 with both [O II]3727 and Halpha, [O III] emitters at z~6.2, Hbeta emitters at z~6.4, and [O II] emitters at z~8.7.

To achieve the proposed science goals, we will repeat the above observations 18 times (epochs) spread over 3 years (cycles 3,4,5) with a cadence of ~2 months and 6 PAs per year (rotating by ~60 degrees). The total coadded exposure is 623x18=11214s (3.1h) for NIRCam imaging primary and 1284x18=23112s (6.4h) for NIRSpec MOS spectroscopy over 18 epochs.

Pointing positions of NIRSpec MOS observations are provisional, which would be updated after the first Wide Tier epoch.

Epoch 1 of Wide Tier and epochs 1-6 of Deep Tier observations can be scheduled in Cycle 3 with a total charged time of ~129h. Epoch 2 of Wide Tier and epochs 7-12 of Deep Tier observations will be scheduled in Cycle 4 (estimated total charged time of ~119h), while Epoch 3 of Wide Tier and epochs 13-18 of Deep Tier observations will be scheduled in Cycle 5 (estimated total charged time of ~119h).

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NEXUS-Center	RA: 17 53 51.0000 (268.4625000d) Dec: +65 11 57.00 (65.19917d) Equinox: J2000		
Comments: *Category=Unidentified* *Description=[High Latitude Field]*				
(3)	nexus_msa_src_cat_updated	RA: 17 53 50.4213 (268.4600887d) Dec: +65 11 54.04 (65.19834d) Equinox: J2000		
Comments: *Description=[]*				
(4)	msa_catalog_deep_ep2	RA: 17 53 50.5729 (268.4607204d) Dec: +65 11 55.32 (65.19870d) Equinox: J2000		
Comments: *Description=[]*				
(7)	msa_catalog_deep_ep3_enlarged	RA: 17 53 50.4319 (268.4601329d) Dec: +65 11 54.74 (65.19854d) Equinox: J2000		
Comments: *Description=[]*				
(8)	msa_catalog_deep_ep4	RA: 17 53 50.4401 (268.4601671d) Dec: +65 11 54.74 (65.19854d) Equinox: J2000		
Comments: *Description=[]*				
(9)	msa_catalog_deep_ep5	RA: 17 53 50.4509 (268.4602121d) Dec: +65 11 54.74 (65.19854d) Equinox: J2000		
Comments: *Description=[]*				
(10)	msa_catalog_deep_ep6	RA: 17 53 50.4528 (268.4602200d) Dec: +65 11 54.72 (65.19853d) Equinox: J2000		
Comments: *Description=[]*				

Observation

Proposal 12588, Observation 1: Wide-epoch3 NIRCam WFSS Wed Apr 15 14:01:30 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Wide Field Slitless Spectroscopy

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics	(Wide-epoch3 NIRCam WFSS (Obs 1)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified. (Wide-epoch3 NIRCam WFSS (Obs 1)) Warning (Form): This observation is split across multiple visits using multiple filters. Not selecting the sequence option may result in execution of the visits in a non-numerical order and is not recommended. (Wide-epoch3 NIRCam WFSS (Obs 1)) Warning (Form): Use of only one of GRISMR or GRISMC may result in spectral overlap from multiple sources that can't be corrected. Users should address this issue in their proposal text. (Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:2) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:3) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:4) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:5) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:6) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:7) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:8) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:9) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:10) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:11) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:12) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:13) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:14) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:15) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:16) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:17) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:18) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:19) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:20) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:21) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:22) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:23) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:24) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:25) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:26) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:27) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:28) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:29) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:30) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:31) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:32) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:33) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:34) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:35) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:36) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NEXUS-Center	RA: 17 53 51.0000 (268.4625000d) Dec: +65 11 57.00 (65.19917d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[High Latitude Field]

Template

NIRCam Wide Field Slitless Spectroscopy	MIRI Imaging
Module: ALL	Subarray: FULL
Subarray: FULL	
Grism (Long Wavelength): GRISMR	
Show partial spectra region in Aladin: false	
Target Placement: Module gap (large extended source)	

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
9	4	5.0	5.0	0.0	0.0	HILBERT_CURVE

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Positions
1	INTRAMODULEX	2	NONE

Direct Image

NIRCam Wide Field Slitless Spectroscopy	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	Grism (Long Wavelength)	Exposure Type	Total Dithers
1	F090W	F444W	SHALLOW4	6	1	1	311.366		GRISMR	Direct Image	1

Spectral Elements

NIRCam Wide Field Slitless Spectroscopy	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	Grism (Long Wavelength)	Exposure Type	Total Dithers
1	F115W	F322W2	SHALLOW4	6	1	2	622.733		GRISMR	Grism (Long Wavelength)	2
2	F200W	F444W	MEDIUM8	6	1	2	1245.465		GRISMR	Grism (Long Wavelength)	2
3	F090W	F444W	SHALLOW4	6	1	2	622.733			Out of Field	2

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	F770W	FASTR1	57	2	1		2	4	638.259	
2	F1000W	FASTR1	56	4	1		2	8	1259.868	
3	F1280W	FASTR1	57	2	1		1	2	319.13	
4	F1280W	FASTR1	57	2	1		2	4	638.259	

Special Requirements	
	Between Dates 03-JUL-2027:00:00:00 and 11-JUL-2027:00:00:00 Group Visits within 5 Days Visits Same PA No Parallel Attachments

Observation

Proposal 12588, Observation 2: Deep-epoch13 NIRCam Wed Apr 15 14:01:30 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

(Deep-epoch13 NIRCam (Obs 2)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

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

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

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

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

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NEXUS-Center	RA: 17 53 51.0000 (268.4625000d) Dec: +65 11 57.00 (65.19917d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[High Latitude Field]

Template

NIRCam Imaging	MIRI Imaging
Module: ALL	Subarray: FULL
Subarray: FULL	
Target Placement: Module gap (large extended source)	

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
3	2	3.0	3.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	FULLBOX	2TIGHTGAPS		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	Optional ETC ID
1	F200W	F444W	SHALLOW4	6	1	2	2	622.733	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	F1000W	FASTR1	57	2	1		2	4	638.259	

Special Requirements

Between Dates 20-MAY-2027:00:00:00 and 27-MAY-2027:00:00:00
Group Visits within 3 Days
Visits Same PA
No Parallel Attachments

Group Observations 2, 3, Non-interruptible

Observation

Proposal 12588, Observation 3: Deep-epoch13 NIRSpec MOS Wed Apr 15 14:01:30 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Deep-epoch13 NIRSpec MOS (Obs 3)) Warning (Form): Config c1 : EP2PT2 (#2) has 1 primary slits affected by failed closed shutters.

(Deep-epoch13 NIRSpec MOS (Obs 3)) Warning (Form): Config c1 : EP2PT2 (#2) has 5 filler slits affected by failed closed shutters.

(Deep-epoch13 NIRSpec MOS (Obs 3)) Warning (Form): Config c1 : EP2PT3 (#3) has 3 filler slits affected by failed closed shutters.

(Deep-epoch13 NIRSpec MOS (Obs 3)) Warning (Form): Config c1 : EP2PT4 (#4) has 3 primary slits affected by failed closed shutters.

(Deep-epoch13 NIRSpec MOS (Obs 3)) Warning (Form): Config c1 : EP2PT4 (#4) has 4 filler slits affected by failed closed shutters.

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

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

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

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	msa_catalog_deep_ep2	RA: 17 53 50.5729 (268.4607204d) Dec: +65 11 55.32 (65.19870d) Equinox: J2000		

Comments:
Description=[]

Acquisition

NIRSpec MultiObject Spectroscopy	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1		SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
2		SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
3		SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
4		SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
HFF Readout Mode: false	Subarray: FULL
Obtain Confirmation Images: No	
Science Aperture: MSA Center	
Primary Candidate List: Primary (357 sources)	
Filler Candidate List: Secondary (19056 sources)	
Spectral Overlap Map: jwst-nirspec-prism	
Spectral Overlap Threshold: 1.5	

Reference Stars

Dithers

#	Dither Type
1	NONE

Spectral Elements

NIRSpec MultiObject Spectroscopy	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
1	1 (PRISM/CLEAR)	c1 : EP2PT1	2 Shutter Slitlet	268.39177616666666 Degrees 65.17340416666667 Degrees	276.5121004528942 3			2	2	1283.822
2	1 (PRISM/CLEAR)	c1 : EP2PT2	2 Shutter Slitlet	268.408096375 Degrees 65.23419472222223 Degrees	276.5268099074185 7			2	2	1283.822
3	1 (PRISM/CLEAR)	c1 : EP2PT3	2 Shutter Slitlet	268.5439010833333 Degrees 65.22086166666666 Degrees	276.6500282536006			2	2	1283.822
4	1 (PRISM/CLEAR)	c1 : EP2PT4	2 Shutter Slitlet	268.5174210416664 Degrees 65.16814111111111 Degrees	276.6260711290779			2	2	1283.822

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
2	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
3	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
4	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	

Special Requirements

Group Visits within 3 Days
Visits Same PA
No Parallel Attachments
MSA Planned Aperture PA 276.5746 to 276.5746 Degrees (V3 138.0000303 to 138.0000303)

Group Observations 2, 3, Non-interruptible

Observation

Proposal 12588, Observation 4: Deep-epoch14 NIRCam Wed Apr 15 14:01:30 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

(Deep-epoch14 NIRCam (Obs 4)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

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

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

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

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

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NEXUS-Center	RA: 17 53 51.0000 (268.4625000d) Dec: +65 11 57.00 (65.19917d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[High Latitude Field]

Template

NIRCam Imaging	MIRI Imaging
Module: ALL	Subarray: FULL
Subarray: FULL	
Target Placement: Module gap (large extended source)	

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
3	2	3.0	3.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	FULLBOX	2TIGHTGAPS		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	Optional ETC ID
1	F200W	F444W	SHALLOW4	6	1	2	2	622.733	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	F1000W	FASTR1	57	2	1		2	4	638.259	

Special Requirements

Between Dates 19-JUL-2027:00:00:00 and 26-JUL-2027:00:00:00
Group Visits within 3 Days
Visits Same PA
No Parallel Attachments

Group Observations 4, 5, Non-interruptible

Observation

Proposal 12588, Observation 5: Deep-epoch14 NIRSpec MOS Wed Apr 15 14:01:30 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Deep-epoch14 NIRSpec MOS (Obs 5)) Warning (Form): Config c1 : EP2PT2 (#2) has 1 primary slits affected by failed closed shutters.

(Deep-epoch14 NIRSpec MOS (Obs 5)) Warning (Form): Config c1 : EP2PT2 (#2) has 5 filler slits affected by failed closed shutters.

(Deep-epoch14 NIRSpec MOS (Obs 5)) Warning (Form): Config c1 : EP2PT3 (#3) has 3 filler slits affected by failed closed shutters.

(Deep-epoch14 NIRSpec MOS (Obs 5)) Warning (Form): Config c1 : EP2PT4 (#4) has 3 primary slits affected by failed closed shutters.

(Deep-epoch14 NIRSpec MOS (Obs 5)) Warning (Form): Config c1 : EP2PT4 (#4) has 4 filler slits affected by failed closed shutters.

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

(Visit 5:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

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

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

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	msa_catalog_deep_ep2	RA: 17 53 50.5729 (268.4607204d) Dec: +65 11 55.32 (65.19870d) Equinox: J2000		

Comments:
Description=[]

Acquisition

NIRSpec MultiObject Spectroscopy	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	Filter: F140X; Readout: NRSRAPIDD6; 6 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	
2	Filter: F140X; Readout: NRSRAPID; 8 sources in 3 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
3	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	
4	Filter: F140X; Readout: NRSRAPID; 8 sources in 3 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
HFF Readout Mode: false	Subarray: FULL
Obtain Confirmation Images: No	
Science Aperture: MSA Center	
Primary Candidate List: Primary (357 sources)	
Filler Candidate List: Secondary (19056 sources)	
Spectral Overlap Map: jwst-nirspec-prism	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	3748	268.334658	65.147695	24.93	1	23017	268.359069	65.204644	24.63
1	4201	268.415970	65.151296	24.55	1	25522	268.414794	65.199150	24.37
1	4803	268.335343	65.156606	24.58	1	25810	268.414441	65.196213	23.66
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
2	14901	268.449140	65.261198	21.22	2	21645	268.339789	65.219568	20.96
2	20268	268.445925	65.226521	22.01	2	21845	268.339570	65.218882	20.91
2	20496	268.462523	65.225155	22.00	2	23221	268.436240	65.213318	22.03
2	21424	268.446359	65.220459	22.01	2	24586	268.379736	65.206214	21.91
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
3	12818	268.487636	65.196766	22.34	3	19770	268.494547	65.229004	23.87
3	16774	268.514870	65.251235	22.85	3	19975	268.578706	65.228553	23.58
3	17022	268.510211	65.249256	23.34	3	22686	268.588102	65.214919	23.12
3	19295	268.526722	65.231959	23.17	3	24455	268.585227	65.206878	23.79
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
4	3191	268.478235	65.144755	21.76	4	5259	268.488334	65.161616	21.73
4	3621	268.455551	65.147242	21.27	4	8738	268.498638	65.179475	21.71
4	3731	268.453241	65.148267	21.39	4	11034	268.470433	65.189130	21.68
4	4970	268.559472	65.159938	21.42	4	12136	268.499538	65.194530	20.61

Dithers

#	Dither Type
1	NONE

Spectral Elements

NIRSpec MultiObject Spectroscopy	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
1	1 (PRISM/CLEAR)	c1 : EP2PT1	2 Shutter Slitlet	268.39177616666666 Degrees 65.17340416666667 Degrees	276.5121004528942 3			2	2	1283.822
2	1 (PRISM/CLEAR)	c1 : EP2PT2	2 Shutter Slitlet	268.408096375 Degrees 65.23419472222223 Degrees	276.5268099074185 7			2	2	1283.822
3	1 (PRISM/CLEAR)	c1 : EP2PT3	2 Shutter Slitlet	268.5439010833333 Degrees 65.22086166666666 Degrees	276.6500282536006			2	2	1283.822
4	1 (PRISM/CLEAR)	c1 : EP2PT4	2 Shutter Slitlet	268.5174210416664 Degrees 65.16814111111111 Degrees	276.6260711290779			2	2	1283.822

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
2	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
3	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
4	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	

Special Requirements

Group Visits within 3 Days
Visits Same PA
No Parallel Attachments
MSA Planned Aperture PA 276.5746 to 276.5746 Degrees (V3 138.0000303 to 138.0000303)

Group Observations 4, 5, Non-interruptible

Observation

Proposal 12588, Observation 6: Deep-epoch15 NIRCam Wed Apr 15 14:01:31 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

(Deep-epoch15 NIRCam (Obs 6)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

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

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

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

(Visit 6:5) Warning (Form): Overheads are provisional until the Visit Planner has been run.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NEXUS-Center	RA: 17 53 51.0000 (268.4625000d) Dec: +65 11 57.00 (65.19917d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[High Latitude Field]

Template

NIRCam Imaging	MIRI Imaging
Module: ALL	Subarray: FULL
Subarray: FULL	
Target Placement: Module gap (large extended source)	

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
3	2	3.0	3.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	FULLBOX	2TIGHTGAPS		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	Optional ETC ID
1	F200W	F444W	SHALLOW4	6	1	2	2	622.733	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	F1000W	FASTR1	57	2	1		2	4	638.259	

Special Requirements

Between Dates 17-SEP-2027:00:00:00 and 24-SEP-2027:00:00:00
Group Visits within 3 Days
Visits Same PA
No Parallel Attachments

Group Observations 6, 7, Non-interruptible

Observation

Proposal 12588, Observation 7: Deep-epoch15 NIRSpec MOS Wed Apr 15 14:01:31 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Deep-epoch15 NIRSpec MOS (Obs 7)) Warning (Form): Config c1 : ep3pt1_offset (#4) has 4 filler slits affected by failed closed shutters.

(Deep-epoch15 NIRSpec MOS (Obs 7)) Warning (Form): Config c1 : ep3pt2_offset (#3) has 3 filler slits affected by failed closed shutters.

(Deep-epoch15 NIRSpec MOS (Obs 7)) Warning (Form): Config c1 : ep3pt3_offset (#2) has 2 filler slits affected by failed closed shutters.

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

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

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

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	msa_catalog_deep_ep3_enlarged	RA: 17 53 50.4319 (268.4601329d) Dec: +65 11 54.74 (65.19854d) Equinox: J2000		

Comments:
Description=[]

Acquisition

NIRSpec MultiObject Spectroscopy	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	
2	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	
3	Filter: F110W; Readout: NRSRAPID; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F110W	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
4	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
HFF Readout Mode: false	Subarray: FULL
Obtain Confirmation Images: No	
Science Aperture: MSA Center	
Primary Candidate List: EP3 enlarged Primary (288 sources)	
Filler Candidate List: EP3 enlarged Secondary (20808 sources)	
Spectral Overlap Map: jwst-nirspec-prism	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	13524	268.544884	65.273218	23.86	1	20601	268.498474	65.224230	23.64
1	13625	268.548628	65.269437	23.77	1	21358	268.567362	65.223695	22.65
1	14384	268.567272	65.266098	22.74	1	22686	268.588094	65.214919	23.12
1	16475	268.592827	65.253418	22.59	1	23396	268.541732	65.210567	23.78
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
2	17871	268.376851	65.242201	24.86	2	20847	268.451331	65.224156	23.59
2	18197	268.398638	65.238149	24.29	2	23017	268.359063	65.204641	24.63
2	18315	268.375738	65.238361	23.74	2	23273	268.463176	65.212310	22.78
2	18859	268.395525	65.233029	24.86	2	25522	268.414789	65.199150	24.37
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
3	1604	268.363024	65.135446	20.46	3	4215	268.312874	65.152855	19.73
3	2457	268.355931	65.140968	19.56	3	8384	268.400404	65.177881	20.88
3	3966	268.379478	65.150618	20.43	3	9619	268.355829	65.183088	21.91
3	4016	268.375666	65.150181	21.92	3	10827	268.371336	65.188058	21.62
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
4	5146	268.524708	65.159957	23.29	4	8906	268.480777	65.180494	24.28
4	7076	268.584832	65.171341	24.79	4	17138	268.487671	65.202981	24.15
4	7607	268.493093	65.174030	23.27	4	24872	268.525240	65.203798	23.54
4	8478	268.585578	65.177707	24.66	4	25517	268.502186	65.199513	24.64

Dithers

#	Dither Type
1	NONE

Spectral Elements

NIRSpec MultiObject Spectroscopy	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
1	1 (PRISM/CLEAR)	c1 : ep3pt4_offset	2 Shutter Slitlet	268.54919741666663 Degrees 65.23999916666666 Degrees	218.6553786505678			2	2	1283.822
2	1 (PRISM/CLEAR)	c1 : ep3pt3_offset	2 Shutter Slitlet	268.41113166666666 Degrees 65.21821527777777 Degrees	218.5300703823907			2	2	1283.822
3	1 (PRISM/CLEAR)	c1 : ep3pt2_offset	2 Shutter Slitlet	268.36655879166665 Degrees 65.16578055555556 Degrees	218.4897105873749 3			2	2	1283.822
4	1 (PRISM/CLEAR)	c1 : ep3pt1_offset	2 Shutter Slitlet	268.52596558333333 Degrees 65.17623777777779 Degrees	218.6344162602569 8			2	2	1283.822

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
2	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
3	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
4	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	

Special Requirements

Group Visits within 3 Days
Visits Same PA
No Parallel Attachments
MSA Planned Aperture PA 218.5746 to 218.5746 Degrees (V3 80.0000303 to 80.0000303)

Group Observations 6, 7, Non-interruptible

Observation

Proposal 12588, Observation 8: Deep-epoch16 NIRCam Wed Apr 15 14:01:31 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

(Deep-epoch16 NIRCam (Obs 8)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

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

(Visit 8:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 8:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 8:5) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 8:6) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NEXUS-Center	RA: 17 53 51.0000 (268.4625000d) Dec: +65 11 57.00 (65.19917d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[High Latitude Field]

Template

NIRCam Imaging	MIRI Imaging
Module: ALL	Subarray: FULL
Subarray: FULL	
Target Placement: Module gap (large extended source)	

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
3	2	3.0	3.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	FULLBOX	2TIGHTGAPS		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	Optional ETC ID
1	F200W	F444W	SHALLOW4	6	1	2	2	622.733	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	F1000W	FASTR1	57	2	1		2	4	638.259	

Special Requirements

Between Dates 16-NOV-2027:00:00:00 and 23-NOV-2027:00:00:00
Group Visits within 3 Days
Visits Same PA
No Parallel Attachments

Group Observations 8, 9, Non-interruptible

Observation

Proposal 12588, Observation 9: Deep-epoch16 NIRSpec MOS Wed Apr 15 14:01:31 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Deep-epoch16 NIRSpec MOS (Obs 9)) Warning (Form): Config c1 : ep4pt1 (#1) has 1 filler slits affected by failed closed shutters.

(Deep-epoch16 NIRSpec MOS (Obs 9)) Warning (Form): Config c1 : ep4pt2 (#2) has 1 filler slits affected by failed closed shutters.

(Deep-epoch16 NIRSpec MOS (Obs 9)) Warning (Form): Config c1 : ep4pt3 (#3) has 2 filler slits affected by failed closed shutters.

(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.

(Visit 9:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 9:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(8)	msa_catalog_deep_ep4	RA: 17 53 50.4401 (268.4601671d) Dec: +65 11 54.74 (65.19854d) Equinox: J2000		

Comments:
Description=[]

Acquisition

NIRSpec MultiObject Spectroscopy	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	Filter: F110W; Readout: NRSRAPID; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F110W	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
2	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	
3	Filter: F140X; Readout: NRSRAPID; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
4	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 3 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
HFF Readout Mode: false	Subarray: FULL
Obtain Confirmation Images: No	
Science Aperture: MSA Center	
Primary Candidate List: Primary (233 sources)	
Filler Candidate List: Secondary (19979 sources)	
Spectral Overlap Map: jwst-nirspec-prism	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	5016	268.549348	65.159349	21.08	1	10930	268.510877	65.188622	20.98
1	7785	268.620967	65.176840	19.73	1	12136	268.499536	65.194528	20.71
1	9527	268.507806	65.183118	20.34	1	17402	268.567409	65.203702	20.04
1	9589	268.486441	65.182937	20.88	1	23021	268.583510	65.213745	20.45
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
2	1620	268.414601	65.133458	24.91	2	4201	268.415961	65.151296	24.78
2	2672	268.393062	65.141050	23.72	2	7038	268.428902	65.171184	24.69
2	2695	268.390840	65.141033	24.63	2	7739	268.342806	65.174334	24.50
2	3479	268.467042	65.146178	22.31	2	8567	268.387601	65.178115	24.31
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
3	10827	268.371336	65.188058	21.87	3	19146	268.294386	65.232448	21.11
3	17753	268.300144	65.220699	20.62	3	23221	268.436243	65.213319	22.10
3	18468	268.394017	65.234937	21.90	3	25466	268.311139	65.198993	22.19
3	18730	268.398739	65.234018	22.23	3	25708	268.422140	65.197600	20.95
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
4	13625	268.548628	65.269437	24.05	4	19770	268.494548	65.229005	24.14
4	15920	268.453697	65.256558	23.80	4	20601	268.498474	65.224230	23.56
4	16774	268.514867	65.251232	23.05	4	22026	268.447368	65.217907	23.91
4	18377	268.436340	65.237804	24.42	4	23506	268.503012	65.211410	24.61

Dithers

#	Dither Type
1	NONE

Spectral Elements

NIRSpec MultiObject Spectroscopy	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
1	1 (PRISM/CLEAR)	c1 : ep4pt1	2 Shutter Slitlet	268.5542322083333 Degrees 65.18322500000001 Degrees	158.6600715966711			2	2	1283.822
2	1 (PRISM/CLEAR)	c1 : ep4pt2	2 Shutter Slitlet	268.4233930416666 Degrees 65.16076972222223 Degrees	158.5412201527966			2	2	1283.822
3	1 (PRISM/CLEAR)	c1 : ep4pt3	2 Shutter Slitlet	268.3706607499996 Degrees 65.21555638888888 Degrees	158.4932571412700 5			2	2	1283.822
4	1 (PRISM/CLEAR)	c1 : ep4pt4	2 Shutter Slitlet	268.503996125 Degrees 65.2379925 Degrees	158.6144021729614 3			2	2	1283.822

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
2	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
3	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
4	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	

Special Requirements

Group Visits within 3 Days
Visits Same PA
No Parallel Attachments
MSA Planned Aperture PA 158.5746 to 158.5746 Degrees (V3 20.0000303 to 20.0000303)

Group Observations 8, 9, Non-interruptible

Observation

Proposal 12588, Observation 10: Deep-epoch17 NIRCam Wed Apr 15 14:01:31 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

(Deep-epoch17 NIRCam (Obs 10)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

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

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

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

(Visit 10:5) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 10:6) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NEXUS-Center	RA: 17 53 51.0000 (268.4625000d) Dec: +65 11 57.00 (65.19917d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[High Latitude Field]

Template

NIRCam Imaging	MIRI Imaging
Module: ALL	Subarray: FULL
Subarray: FULL	
Target Placement: Module gap (large extended source)	

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
3	2	3.0	3.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	FULLBOX	2TIGHTGAPS		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	Optional ETC ID
1	F200W	F444W	SHALLOW4	6	1	2	2	622.733	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	F1000W	FASTR1	57	2	1		2	4	638.259	

Special Requirements

Between Dates 15-JAN-2028:00:00:00 and 22-JAN-2028:00:00:00
Group Visits within 3 Days
Visits Same PA
No Parallel Attachments

Group Observations 10, 11, Non-interruptible

Observation

Proposal 12588, Observation 11: Deep-epoch17 NIRSpec MOS Wed Apr 15 14:01:31 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Deep-epoch17 NIRSpec MOS (Obs 11)) Warning (Form): Config c1 : ep5pt1 (#1) has 4 filler slits affected by failed closed shutters.

(Deep-epoch17 NIRSpec MOS (Obs 11)) Warning (Form): Config c1 : ep5pt3 (#3) has 1 filler slits affected by failed closed shutters.

(Deep-epoch17 NIRSpec MOS (Obs 11)) Warning (Form): Config c1 : ep5pt4 (#4) has 1 filler slits affected by failed closed shutters.

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

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

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

(Visit 11:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(9)	msa_catalog_deep_ep5	RA: 17 53 50.4509 (268.4602121d) Dec: +65 11 54.74 (65.19854d) Equinox: J2000		

Comments:
Description=[]

Acquisition

NIRSpec MultiObject Spectroscopy	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 3 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	
2	Filter: F110W; Readout: NRSRAPID; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F110W	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
3	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	
4	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
HFF Readout Mode: false	Subarray: FULL
Obtain Confirmation Images: No	
Science Aperture: MSA Center	
Primary Candidate List: Primary (227 sources)	
Filler Candidate List: Secondary (19301 sources)	
Spectral Overlap Map: jwst-nirspec-prism	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	12210	268.560811	65.195075	23.24	1	19697	268.507018	65.230060	24.48
1	17022	268.510212	65.249253	23.53	1	22686	268.588094	65.214919	23.21
1	17108	268.517072	65.248897	24.37	1	23506	268.503012	65.211410	24.61
1	19295	268.526722	65.231960	23.47	1	24827	268.476593	65.204905	23.74
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
2	3621	268.455547	65.147241	21.58	2	9962	268.577386	65.184951	21.03
2	3731	268.453234	65.148268	21.71	2	11399	268.477912	65.190847	21.79
2	5016	268.549348	65.159349	21.08	2	11455	268.547391	65.192344	19.95
2	9527	268.507806	65.183118	20.34	2	25648	268.463648	65.197759	19.61
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
3	4024	268.390536	65.149941	24.10	3	11688	268.339051	65.192271	24.28
3	4184	268.326564	65.151041	24.70	3	12775	268.361983	65.196940	23.14
3	4812	268.315738	65.156835	24.17	3	25317	268.422974	65.200023	22.58
3	5774	268.428733	65.164391	24.38	3	25522	268.414789	65.199150	24.41
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
4	16158	268.372076	65.255272	23.40	4	20847	268.451331	65.224156	23.91
4	16325	268.452825	65.255678	23.50	4	21424	268.446357	65.220460	22.44
4	20249	268.436871	65.227002	23.84	4	22386	268.341644	65.216420	22.70
4	20358	268.348676	65.226530	22.97	4	23811	268.330123	65.209536	22.57

Dithers

#	Dither Type
1	NONE

Spectral Elements

NIRSpec MultiObject Spectroscopy	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
1	1 (PRISM/CLEAR)	c1 : ep5pt1	2 Shutter Slitlet	268.5430332916667 Degrees 65.22252166666667 Degrees	98.64987552602148			2	2	1283.822
2	1 (PRISM/CLEAR)	c1 : ep5pt2	2 Shutter Slitlet	268.5186605416663 Degrees 65.16560972222223 Degrees	98.62764655262976			2	2	1283.822
3	1 (PRISM/CLEAR)	c1 : ep5pt3	2 Shutter Slitlet	268.3807393333334 Degrees 65.17490638888889 Degrees	98.50237842155633			2	2	1283.822
4	1 (PRISM/CLEAR)	c1 : ep5pt4	2 Shutter Slitlet	268.4018735416667 Degrees 65.23398944444445 Degrees	98.52164469773483			2	2	1283.822

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
2	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
3	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
4	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	

Special Requirements

Group Visits within 3 Days
Visits Same PA
No Parallel Attachments
MSA Planned Aperture PA 98.5746 to 98.5746 Degrees (V3 320.0000303 to 320.0000303)

Group Observations 10, 11, Non-interruptible

Observation

Proposal 12588, Observation 12: Deep-epoch18 NIRCam Wed Apr 15 14:01:31 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

(Deep-epoch18 NIRCam (Obs 12)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

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

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

(Visit 12:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 12:5) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 12:6) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	NEXUS-Center	RA: 17 53 51.0000 (268.4625000d) Dec: +65 11 57.00 (65.19917d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[High Latitude Field]

Template

NIRCam Imaging	MIRI Imaging
Module: ALL	Subarray: FULL
Subarray: FULL	
Target Placement: Module gap (large extended source)	

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
3	2	3.0	3.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes
1	FULLBOX	2TIGHTGAPS		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	Optional ETC ID
1	F200W	F444W	SHALLOW4	6	1	2	2	622.733	

Spectral Elements

MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	F1000W	FASTR1	57	2	1		2	4	638.259	

Special Requirements

Between Dates 15-MAR-2028:00:00:00 and 22-MAR-2028:00:00:00
Group Visits within 3 Days
Visits Same PA
No Parallel Attachments

Group Observations 12, 13, Non-interruptible

Observation

Proposal 12588, Observation 13: Deep-epoch18 NIRSpec MOS Wed Apr 15 14:01:31 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Deep-epoch18 NIRSpec MOS (Obs 13)) Warning (Form): Config c1 : ep6pt1 (#1) has 3 filler slits affected by failed closed shutters.

(Deep-epoch18 NIRSpec MOS (Obs 13)) Warning (Form): Config c1 : ep6pt2 (#2) has 1 filler slits affected by failed closed shutters.

(Deep-epoch18 NIRSpec MOS (Obs 13)) Warning (Form): Config c1 : ep6pt4 (#4) has 2 filler slits affected by failed closed shutters.

(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 13:2) Warning (Form): The recommended value is 8 Reference Stars for this template.

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

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	msa_catalog_deep_ep6	RA: 17 53 50.4528 (268.4602200d) Dec: +65 11 54.72 (65.19853d) Equinox: J2000		

Comments:
Description=[]

Acquisition

NIRSpec MultiObject Spectroscopy	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID
1	Filter: F140X; Readout: NRSRAPID; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
2	Filter: F140X; Readout: NRSRAPID; 7 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
3	Filter: F140X; Readout: NRSRAPID; 8 sources in 3 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
4	Filter: F140X; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
HFF Readout Mode: false	Subarray: FULL
Obtain Confirmation Images: No	
Science Aperture: MSA Center	
Primary Candidate List: Primary (215 sources)	
Filler Candidate List: Secondary (18527 sources)	
Spectral Overlap Map: jwst-nirspec-prism	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	14901	268.449142	65.261192	21.39	1	19078	268.382655	65.233048	20.92
1	15579	268.413644	65.258562	21.42	1	20496	268.462525	65.225153	22.17
1	16647	268.523209	65.251567	20.87	1	20616	268.441897	65.222079	21.68
1	18602	268.400664	65.235951	21.29	1	23221	268.436243	65.213319	22.10
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
2	10029	268.555351	65.185164	21.37	2	21577	268.613939	65.219790	22.84
2	10930	268.510877	65.188622	21.16	2	22160	268.613982	65.217623	22.37
2	12136	268.499536	65.194528	20.88	2	24760	268.585946	65.204703	21.16
2	20059	268.584582	65.227795	22.27					
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
3	1048	268.451426	65.129462	21.99	3	6939	268.465117	65.171335	21.04
3	1315	268.479539	65.132566	20.61	3	8212	268.485870	65.176986	22.22
3	1920	268.513736	65.136101	22.31	3	9589	268.486441	65.182937	20.77
3	6107	268.514485	65.167020	21.19	3	11034	268.470432	65.189125	21.87
Visit	**ID**	**RA**	**Dec**	**Magnitude**	**Visit**	**ID**	**RA**	**Dec**	**Magnitude**
4	6340	268.395235	65.169336	22.41	4	11688	268.339051	65.192271	24.28
4	7352	268.397876	65.173001	22.60	4	12827	268.401334	65.196716	23.35
4	10233	268.325579	65.186103	23.27	4	20358	268.348676	65.226530	22.97
4	10322	268.315194	65.185495	22.80	4	22386	268.341644	65.216420	22.70

Dithers

#	Dither Type
1	NONE

Spectral Elements

NIRSpec MultiObject Spectroscopy	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
1	1 (PRISM/CLEAR)	c1 : ep6pt1	2 Shutter Slitlet	268.44564554166664 Degrees 65.24078666666666 Degrees	36.561454971411266			2	2	1984.089
2	1 (PRISM/CLEAR)	c1 : ep6pt2	2 Shutter Slitlet	268.5616695 Degrees 65.20571583333333 Degrees	36.6666921171797			2	2	1984.089
3	1 (PRISM/CLEAR)	c1 : ep6pt3	2 Shutter Slitlet	268.47424804166667 Degrees 65.15713000000001 Degrees	36.587244373553155			2	2	1984.089
4	1 (PRISM/CLEAR)	c1 : ep6pt4	2 Shutter Slitlet	268.36039116666666 Degrees 65.19316944444445 Degrees	36.48398920474679			2	2	1984.089

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
2	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
3	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	
4	F150W	F356W	MEDIUM8	6	1	2	2	1245.465	

Special Requirements

Group Visits within 3 Days
Visits Same PA
No Parallel Attachments
MSA Planned Aperture PA 36.5746 to 36.5746 Degrees (V3 258.0000303 to 258.0000303)

Group Observations 12, 13, Non-interruptible