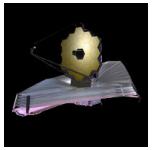

1345 - The Cosmic Evolution Early Release Science (CEERS) Survey free

Cycle: 1, Proposal Category: ERS

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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
June MIRI+NIRCam				
	1	CEERS1: MIRI_Red+ NIRCam	MIRI Imaging	(21) MIRI1
	51	CEERS1: MIRI_Red+ NIRCam	MIRI Imaging	(21) MIRI1
	2	CEERS2: MIRI_Red+ NIRCam	MIRI Imaging	(22) MIRI2
	52	CEERS2: MIRI_Red+ NIRCam	MIRI Imaging	(22) MIRI2
	3	CEERS3: MIRI_Blue+ NIRCam	MIRI Imaging	(23) MIRI3
	4	CEERS6: MIRI_Blue+ NIRCam	MIRI Imaging	(24) MIRI6
December NIRSpec+NIRCam				
	62	P4_prism_0x0_0.01_M SATA	NIRSpec MultiObject Spectroscopy	(49) CEERS-NIRSPEC-P4-PRISM-MSATA
	61	P4_Mgrat_0x0_0.01_M SATA	NIRSpec MultiObject Spectroscopy	(43) CEERS-NIRSPEC-P4-MR-MSATA
	63	P5_prism_0x0_0.01_M SATA	NIRSpec MultiObject Spectroscopy	(50) CEERS-NIRSPEC-P5-PRISM-MSATA
	64	P5_Mgrat_0x0_0.01_M SATA	NIRSpec MultiObject Spectroscopy	(44) CEERS-NIRSPEC-P5-MR-MSATA
	65	P7_prism_0x0_0.01_M SATA	NIRSpec MultiObject Spectroscopy	(56) CEERS-NIRSPEC-P7-PRISM-MSATA
	66	P7_Mgrat_0x0_0.01_M SATA	NIRSpec MultiObject Spectroscopy	(55) CEERS-NIRSPEC-P7-MR-MSATA
	67	P8_prism_0x0_0.01_M SATA	NIRSpec MultiObject Spectroscopy	(52) CEERS-NIRSPEC-P8-PRISM-MSATA
	68	P8_Mgrat_0x0_0.01_M SATA	NIRSpec MultiObject Spectroscopy	(48) CEERS-NIRSPEC-P8-MR-MSATA
	70	P9_prism_0x0_0.01_M SATA	NIRSpec MultiObject Spectroscopy	(53) CEERS-NIRSPEC-P9-PRISM-MSATA
	100	P11_prism_0x0_0.01_ MSATA	NIRSpec MultiObject Spectroscopy	(60) CEERS-NIRSPEC-P11-PRISM-MSATA
	69	P9_Mgrat_0x0_0.01_M SATA	NIRSpec MultiObject Spectroscopy	(46) CEERS-NIRSPEC-P9-MR-MSATA

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	72	P10_prism_0x0_0.01_MSATA	NIRSpec MultiObject Spectroscopy	(54) CEERS-NIRSPEC-P10-PRISM-MSATA
	102	P12_prism_0x0_0.01_MSATA	NIRSpec MultiObject Spectroscopy	(64) CEERS-NIRSPEC-P12-PRISM-MSATA
	71	P10_Mgrat_0x0_0.01_MSATA	NIRSpec MultiObject Spectroscopy	(47) CEERS-NIRSPEC-P10-MR-MSATA
December NIRCam WFSS + MIRI				
	12	CEERS5b: NIRCam WFSS + MIRI	NIRCam Wide Field Slitless Spectroscopy	(26) NIRCAM-WFSS5
	16	CEERS7b: NIRCam WFSS + MIRI	NIRCam Wide Field Slitless Spectroscopy	(27) NIRCAM-WFSS7
	15	CEERS8b: NIRCam WFSS + MIRI	NIRCam Wide Field Slitless Spectroscopy	(28) NIRCAM-WFSS8
	13	CEERS9b: NIRCam WFSS + MIRI	NIRCam Wide Field Slitless Spectroscopy	(25) NIRCAM-WFSS9

ABSTRACT

We propose the Cosmic Evolution Early Release Science (CEERS) Survey (NOI #135), which covers 100 sq. arcmin with JWST imaging and spectroscopy, and is designed to achieve the DD-ERS goals.

CEERS will inform the selection of a wide variety of spectroscopic targets for Cycle 2 with a practical choice of imaging area, depth, and wavelength coverage, targeting a field that is supported by a rich set of HST/CANDELS multi-wavelength data.

CEERS will demonstrate, test, and validate efficient extragalactic surveys with coordinated, overlapping parallel observations with the JWST instrument suite, including NIRCam and MIRI imaging, NIRSpec R~100 and R~1000 spectroscopy, and NIRCam slitless grism (R~1500) spectroscopy. These tests enable Cycle 2 observations, including validating JWST parallel observing modes, dither and exposure-time strategies, and spectroscopic observing modes including slit-loss corrections.

CEERS enables immediate community science into both extragalactic JWST science drivers “First Light and Reionization” and “The Assembly of Galaxies”, including: 1) The discovery of 20-80 galaxies at z~9-13, constraining their abundance and physical nature; 2) Deep spectra of >400 galaxies at z>3, including 40 known candidates at 6<z<9, enabling redshifts and constraints on physical conditions of star-formation and black hole growth via line diagnostics; 3) Quantifying the first bulge and disk structures at z>3; and 4) Characterizing galaxy mid-IR emission to study dust-

obscured star-formation and supermassive black hole growth at z~1-3.

The CEERS collaboration is diverse on many axes with demonstrated expertise in rapid delivery of high-level science products.

OBSERVING DESCRIPTION

In this document, we describe the details behind the specific observations in each mode. We refer the reader to the Technical Description of the PDF attachment for the motivation behind our specific observing choices, including the targeted field, the number of instruments, number of pointings, and depths. CEERS includes three observation types over four instrumental modes, resulting in a mosaic of 10 NIRCam imaging pointings covering the majority (~100 arcmin^2) of the Extended Groth Strip HST legacy field. Six of these pointings are in parallel to prime NIRSpec MSA spectroscopy, and four are in parallel to prime MIRI imaging. Four of these pointings are also covered by NIRCam grism wide-field slitless spectroscopy (WFSS) with MIRI imaging in parallel.

Placement of observations and position angle: We place our NIRCam mosaic along the bulk of the HST/WFC3 region in the EGS field (Fig 2). In order to place the NIRSpec parallels on the HST-covered region (required for MSA pre-selection for an ERS program), we require a V3PA of 130.78 (+/- 1) degrees for the June 2022 observing window (a 180 degree flip in December can also work if the ERS window moves by ~6 months due to a launch delay). This position angle places our NIRCam mosaic exactly parallel to the CANDELS/WFC3 coverage boundary, and maximizes the joint-overlap area between WFC3+NIRCam (99.5%) and WFC3+NIRSpec (98%); the latter is especially crucial as HST imaging is required for our MSA target preselection. The final specific position of the entire observing configuration at this PA is set by maximizing the coverage of our highest priority scientific source (the seven known bright z~9 galaxies in this field) in our various instruments. We note that the distribution of these rare sources places tight constraints on these observations; we arrived at our fiducial observation configuration by exploring a wide range of pointing centers and position angles. With this optimal configuration, 5/7 sources receive NIRCam imaging, 4/7 receive NIRSpec MSA spectroscopy, and two each receive MIRI imaging and NIRCam WFSS. Our fiducial PA is observable for ~13 days, from June 15-28, 2022. We explored our tolerance for widening this PA constraint to ease scheduling, and conclude that unacceptable hits to the science achieved by our program begin to occur with PA changes >|1| degree. Thus our V3PA constraint is 129.78 - 131.78.

Targets: Within APT, Targets 1-6 are the six NIRSpec+NIRCam coordinated parallel pointings, while Targets 7-10 are the four MIRI+NIRCam coordinated parallel pointings. Targets 11-14 (tabled also 5b-8b) are the four NIRCam grism WFSS pointings. We note that for our four NIRSPec pointings which receive both prism and grating, we merged those into a single observation per pointing to reduce overhead (we found no additional

overhead gain by merging all six NIRSpec pointings into a single observation, so they remain separate).

NIRCam Observations: We observe with six NIRCam filters in all 10 NIRCam pointings, pairing these short and long-wavelength filters: F115W+F277W, F150W+F356W and F200W+F444W. We observe them in this order to ensure that persistence from previous observations does not mimic a Lyman break (as it would if we observed the redder filters first). The NIRCam GTO team recommends exposures of >4 groups to allow efficient cosmic ray rejection. We reach our desired sensitivity in 2835 sec of total integration time (3 exposures of 9 groups each in MEDIUM8 readout mode; we choose MEDIUM8 over DEEP8 to achieve more groups [9 vs 5]; if data volume becomes a problem, this could be one possible change). As F115W is our dropout band for our primary science goal of finding z > 9 galaxies, we require additional imaging to allow Ly-alpha break selection to the limit of the F150W image, thus we add a second 2835 sec set of integrations in this filter. In six of our fields (NIRCam fields 1-4, 9 and 10 in Figure 2), we pair this with F410M. In the remaining four fields, we obtain this second set of F115W integrations alongside our NIRCam grism slitless spectroscopic observations; the grism observes in the long-wavelength channel, and simultaneous short-wavelength imaging is permitted.

There are a few exceptions to our nominal 9-group exposures. The first is the F115W imaging in NIRCam fields 5-8; as these are alongside the grism, we must follow a permitted grism dither pattern. We use a four-point NIRCam+MIRI dither pattern, which drives us to a SHALLOW4 read with 6 groups per integration (total integration time of 2490 sec, close to our desired 2835 sec). We note that an additional 622 sec of F15W+F356W imaging will be obtained with the two direct images (one for the row and one for the column grism). Another 1244 sec will be obtained with the out-of-field images (622 sec x 2 grism), though these by definition will not completely overlap our fiducial pointing.

The second exception is for the NIRCam pointings in parallel to MIRI pointings 7 and 9. In these MIRI pointings, we desire to fully sample the IR SED, which drives towards >3 filters. As MIRI filter changes are not permitted during NIRCam exposures, we split each of NIRCam exposures from 1 integration of 9 groups to 1 integrations of 5 groups, achieving a limiting magnitude <0.1 mag different from the rest of the mosaic.

Finally, we observe four of our NIRCam pointings (5-8) which have the greatest overlap the NIRSpec pointings with the NIRCam grism, to both allow the community to compare NIRCam grism versus NIRSpec for future proposals, and to calibrate the NIRSpec slit losses. For these four fields, these long-wavelength grism exposures will be taken alongside the second set of short-wavelength F115W exposures. MIRI imaging (discussed below) will be taken in parallel; this change was approved by the TTRB on April 22, 2021. As we wish to demonstrate the grism as a useful mode, we elect to observe in a single filter (F356W), allowing additional filters to be added by the community. As discussed above, we (presently) use the

4-point dither pattern, with four exposures of 6 groups each in SHALLOW4 readout mode for both the Row (R) and Column (C) grisms. These each have total integration times of 1245 sec, so sources detected in both observations will have a total time of 2490 sec. We take shallow direct images both in and out of the field, to allow alignment with our deeper F356W observations described above, and identify the sources for all dispersed spectra.

NIRSpec Observations:

The number of NIRSpec grating configurations is limited by the need to do NIRSpec grating/filter moves at the same time as the NIRCam filter moves, requiring also three observations. In each observation, we observe in the G140M/F100LP, G235M/F170LP and G395M/F290LP, spanning 1-5um, allowing the full range of NIRSpec science to be enabled. The NIRSpec exposure times are set to be comparable to those for each of the NIRCam observations. We choose three exposures of 13 groups each in JDox-recommended NRSIRS2 readout mode, giving a total exposure time of 2889 sec. The 5-sigma limiting emission line fluxes expected in these depths are 1-2x10^-18 erg/s/cm^2 across all of 1-5um for a centered point source, or conservatively a factor of two higher for additional slit losses due to imperfect centering and resolved sources. In NIRSpec fields 1-4, we also observe with the PRISM/CLEAR setup in parallel with the second F115W integration. Again using three exposures of 13 groups each in the NRSIRS2 readout mode, giving a total exposure time of 2889 sec, we expect a continuum 5-sigma sensitivity of 26.5 AB mag.

We perform a second observation in NIRSpec field 4, offsetting by 0.07" (1/3 of a slit width) in the dispersion direction, to allow for our analysis on the effect of object slit-centering on slit-losses. In this observation, we again observe with three gratings for 2889 sec each. For all three gratings, this analysis can be done for continuum sources using the NIRCam imaging as a measure of the total flux, while this will be possible for emission lines as well in the reddest grating, which overlaps with the NIRCam grism 3-4um observations.

Potential NIRSpec targets were compiled and prioritized by the CEERS collaboration, emphasizing redshift ranges where 1–5 micron spectroscopy will detect key emission lines or continuum features to measure redshifts and spectral diagnostics. A larger sample of potential filler targets was also assembled, again prioritizing redshifts (mainly photometric) $z > 0.5$ where H-alpha and other strong lines are observable, and giving brighter filler objects higher weight.

The nominal NIRSpec field centers are set by the parallel locations relative to our NIRCam mosaic layout. We further optimized the location of each NIRCam tile/NIRSpec MSA pointing to maximize the number of targets in NIRSpec MSA slits using the MSA Planning Tool (MPT). We use standard 3-shutter MSA “slits” and 3-point nodding, and adopt “midpoint” shutter centering constraints as a compromise between achievable target

multiplex and potential slit losses for de-centered targets. After initially maximizing our slit yield with a wider range of pointing centers (as part of our mosaic optimization discussed above), when we run the MSA planning tool we allow the center of the NIRSpec MSA to move within a 1" x 1" box, optimizing with a 0.01" step size. We do this first for the grating; then for fields which receive prism, we take the grating optimal center as the starting point, and again run the planning tool allowing a 1"x1" box with 0.01" steps; we find that allowing this small tolerance in prism observing centers obtains ~20 additional sources on slits per pointing than completely fixing the center to the grating center. We explored the impact of these small shifts on our NIRCam mosaic, and found that we obtain our desired minimal (~1") overlap at all NIRCam abutting edges.

For our medium resolution configurations, this optimization yielded 277 primary + 72 filler = 349 total targets observed over 6 NIRSpec MSA fields. For the R~100 prism, which is used for only 4 NIRSpec fields, we achieve 305 primary + 358 filler = 663 total targets. This yield is similar to that achieved by STScI MPT experts in a test which they shared during a March 2021 ERS telecon. Our full MSA target list was ingested to APT prior to our final submission.

MIRI Observations:
We will observe with 6 MIRI pointings. In all cases we use combinations of groups and integrations that maximize the SNR for point sources without saturation warnings (using the JWST ETC). All > 8um MIRI observations are in FAST readout mode, which give ~10% higher S/N based on ETC calculations. However, FAST reads have a high data rate. To save data volume, we use the SLOW readout mode with the F560W and F770W bands where the SNR gain is less. We find that SLOW is unfeasible for the redder bands, as they will saturate. For all MIRI prime pointings we use the 3-point dither pattern that allows reconstructing the PSF that is under-sampled in some NIRCam filters and allows efficient self-calibration in MIRI.

Three of the MIRI pointings (MIRI 6, 8 and 10) overlap with the NIRCam imaging, where we will observe deeply in F560W and F770W, prioritizing the z>4 galaxy science. The exact exposures are a bit homogenous, as MIRI6 is in parallel to the NIRCam WFSS, while MIRI10 has extra time in parallel with the 2nd set of NIRCam F115W integrations. In MIRI8 in parallel with NIRCam imaging we use the SLOW readout mode with 41 groups/integration for each of the three dithers, which gives a total integration time of 2938 sec per observation. F560W receives this observation once, while F770W receives it twice. In MIRI10, given the extra F115W NIRCam observation, we add a third F770W observation. In MIRI6, to accommodate the NIRCam WFSS primary exposures, our base observation unit is SLOW readout with 13 groups/integration. F560W receives 5 of these observations during the grism R observing sequence (four during the primary NIRCam WFSS grism 4-point dither, and one during the direct image). F770W receives 9 of these observations (two during the grism R out-of-field image, four during the grism C 4-point dither, one during the

grism C direct image, and 2 during the grism C out-of-field images). The total integration times are 1553 sec in F560W, and 2795 sec in F770. Finally, MIRI8 is also observed in parallel to the NIRCam WFSS; there we set all exposures to be in F770W, adding an additional 4348 sec in this filter to match the extra F770W observation in MIRI10.

Pointings MIRI-5, 7 and 9 fall off the NIRCam map, but overlap with the CANDELS HST imaging, and we use the longer wavelength filters, focusing on the z~1–2 science. In both pointings, we observe in F1000W, F1280W, and F1500W using 3 dithers of 100 groups x 2 integrations for 1665 s/band. For F1800W we use 3 dithers of 40 groups x 5 integrations for 1665 s, and for F2100W we use 3 dithers of 36 groups x 10 integrations for an exposure time of 2997 s. In MIRI pointing 9, in parallel with the additional NIRCam F115W integration, we add an additional 1665 s in F770W with 3 dithers of 100 groups x 2 integrations and in F2100W with 3 dithers of 20 groups x 10 exposures (bringing the total to 4662 s in F2100W). In MIRI-5, in parallel to the NIRCam WFSS, we mimic the MIRI7/9 observing strategy within the constraints set by the prime WFSS exposures. We end up with a base integration of FAST read with 112 groups, which is 311 sec. We place four of these exposures (in parallel to the grism R 4-point dither pattern) in F1000W, which in parallel to the three grism R images (direct and out of field) we use F1280W. We use F1800W in parallel to the grism C prime 4-point dither, and F1500W in parallel to the three grism C images. The total integration times are this 1243 sec in F1000W and F1800W, and 922 sec in F1280W and F1500W. Finally, MIRI7 is also observed in parallel to the NIRCam WFSS we split this time into F770W (1522 sec) and F2550W (2796 sec), adding two new filters to this field,

NIRSpec-NIRCam dithering:
Our primary dithering considerations are optimal sky subtraction in the NIRSpec exposures, and sufficient sub-pixel sampling in the under sampled F115W and F277W NIRCam observations. After studying all possibilities and consulting with the NIRCam GTO team, we chose to perform three exposures per NIRSpec observation, nodding across the 3-shutter NIRSpec slitlet. As the orientation of NIRSpec is rotated with respect to NIRCam, these three dithers will move objects diagonally across the NIRCam detector, subsampling pixels at three unique positions. This will improve PSF reconstruction and size/morphology measurements, especially in the under-sampled F115W and F277W images.

This dithering scheme does not cover the NIRCam module gap. Covering this gap would require a telescope move large enough to necessitate re-acquiring a guide star, increasing the overhead. We also elect to not cover the 5" chip gaps in the NIRCam short-wavelength imaging. This would not increase the overhead significantly, but it would require a second set of three exposures. Doubling the total integration time is unacceptable for an ERS-sized program, while doubling the number of exposures for a fixed exposure time significantly reduces the NIRSpec signal-to-noise. The gain in area by covering these gaps is a small fraction of the fiducial area, and thus does not affect our science goals, although results in a loss of

aesthetics.

Data Rate:

We have critically examined the data volume rate for our planned observations, and have verified that APT does not give any errors or warnings. We have already iterated with STScI to move some MIRI observations from FAST to SLOW mode to save on data. The total data volume is 199 GB over 65.14 hours, for an average data rate of 3 GB/hr. While this is not a small amount of data, it should be able to be accommodated by splitting our program into just a small number of visits, given the ability of JWST to downing 28.6 GB 2X daily (and store 58.8 GB in memory).

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(21)	MIRI1	RA: 14 20 38.8762 (215.1619842d) Dec: +53 03 4.62 (53.05128d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]* *Extended=NO*				
(22)	MIRI2	RA: 14 20 17.4228 (215.0725950d) Dec: +52 59 16.19 (52.98783d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]* *Extended=NO*				
(23)	MIRI3	RA: 14 19 55.2317 (214.9801321d) Dec: +52 55 29.38 (52.92483d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]* *Extended=NO*				
(24)	MIRI6	RA: 14 20 7.7734 (215.0323892d) Dec: +52 54 21.82 (52.90606d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]* *Extended=NO*				
(25)	NIRCAM-WFSS9	RA: 14 19 41.1292 (214.9213717d) Dec: +52 49 35.93 (52.82665d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]*				
(26)	NIRCAM-WFSS5	RA: 14 19 46.0325 (214.9418021d) Dec: +52 53 37.64 (52.89379d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]*				
(27)	NIRCAM-WFSS7	RA: 14 20 25.7256 (215.1071900d) Dec: +52 57 12.26 (52.95341d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]*				

(28)	NIRCAM-WFSS8	RA: 14 20 3.4712 (215.0144633d) Dec: +52 53 21.94 (52.88943d) Equinox: J2000
Comments: *Category=Galaxy* *Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]*		
(43)	CEERS-NIRSPEC-P4-MR-MSATA	RA: 14 19 25.3771 (214.8557379d) Dec: +52 51 20.14 (52.85559d) Equinox: J2000
Comments: *Description=[]*		
(44)	CEERS-NIRSPEC-P5-MR-MSATA	RA: 14 20 9.7950 (215.0408125d) Dec: +52 58 58.11 (52.98281d) Equinox: J2000
Comments: *Description=[]*		
(46)	CEERS-NIRSPEC-P9-MR-MSATA	RA: 14 20 2.1733 (215.0090554d) Dec: +52 55 20.50 (52.92236d) Equinox: J2000
Comments: *Description=[]*		
(47)	CEERS-NIRSPEC-P10-MR-MSATA	RA: 14 19 38.8067 (214.9116946d) Dec: +52 51 30.20 (52.85839d) Equinox: J2000
Comments: *Description=[]*		
(48)	CEERS-NIRSPEC-P8-MR-MSATA	RA: 14 20 24.5297 (215.1022071d) Dec: +52 59 8.15 (52.98560d) Equinox: J2000
Comments: *Description=[]*		
(49)	CEERS-NIRSPEC-P4-PRISM-MSATA	RA: 14 19 25.3771 (214.8557379d) Dec: +52 51 20.14 (52.85559d) Equinox: J2000
Comments: *Description=[]*		
(50)	CEERS-NIRSPEC-P5-PRISM-MSATA	RA: 14 20 9.7950 (215.0408125d) Dec: +52 58 58.11 (52.98281d) Equinox: J2000
Comments: *Description=[]*		
(52)	CEERS-NIRSPEC-P8-PRISM-MSATA	RA: 14 20 24.5297 (215.1022071d) Dec: +52 59 8.15 (52.98560d) Equinox: J2000
Comments: *Description=[]*		

	(53)	CEERS-NIRSPEC-P9-PRISM-MSATA	RA: 14 20 2.1733 (215.0090554d) Dec: +52 55 20.50 (52.92236d) Equinox: J2000
	Comments: *Description=[]*		
	(54)	CEERS-NIRSPEC-P10-PRISM-MSATA	RA: 14 19 38.8067 (214.9116946d) Dec: +52 51 30.20 (52.85839d) Equinox: J2000
	Comments: *Description=[]*		
	(55)	CEERS-NIRSPEC-P7-MR-MSATA	RA: 14 20 45.7115 (215.1904646d) Dec: +53 02 40.23 (53.04451d) Equinox: J2000
	Comments: *Description=[]*		
	(56)	CEERS-NIRSPEC-P7-PRISM-MSATA	RA: 14 20 45.7115 (215.1904646d) Dec: +53 02 40.23 (53.04451d) Equinox: J2000
	Comments: *Description=[]*		
	(60)	CEERS-NIRSPEC-P11-PRISM-MSATA	RA: 14 19 34.7490 (214.8947875d) Dec: +52 50 43.85 (52.84551d) Equinox: J2000
	Comments: *Description=[]*		
	(64)	CEERS-NIRSPEC-P12-PRISM-MSATA	RA: 14 19 5.5033 (214.7729304d) Dec: +52 45 22.87 (52.75635d) Equinox: J2000
	Comments: *Description=[]*		

Observation

Proposal 1345, Observation 1: CEERS1: MIRI_Red+NIRCam Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 1:1) Warning (Form): Data Excess over lower threshold

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(21)	MIRI1	RA: 14 20 38.8762 (215.1619842d) Dec: +53 03 4.62 (53.05128d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]
Extended=NO

Template

MIRI Imaging	NIRCam Imaging
Subarray: FULL	Module: ALL Subarray: FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	3-POINT-MIRI-F770W-WITH-NIRCam								DEFAULT
2	3-POINT-MIRI-F1000W-WITH-NIRCam								DEFAULT
3	3-POINT-MIRI-F1280W-WITH-NIRCam								DEFAULT
4	3-POINT-MIRI-F1500W-WITH-NIRCam								DEFAULT
5	3-POINT-MIRI-F1800W-WITH-NIRCam								DEFAULT
6	3-POINT-MIRI-F2100W-WITH-NIRCam								DEFAULT

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	SLOWR1	23	1	1	Dither 1	3	3	1648.404	
2	F1000W	FASTR1	100	2	1	Dither 2	3	6	1673.349	
3	F1280W	FASTR1	100	2	1	Dither 3	3	6	1673.349	
4	F1500W	FASTR1	100	2	1	Dither 4	3	6	1673.349	
5	F1800W	FASTR1	40	5	1	Dither 5	3	15	1698.324	
6	F2100W	FASTR1	20	10	1	Dither 6	3	30	1739.95	
7	F2100W	FASTR1	36	10	1	Dither 6	3	30	3071.969	

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	F115W	F277W	MEDIUM8	5	1	3	3	1546.095	
2	F115W	F277W	MEDIUM8	5	1	3	3	1546.095	
3	F115W	F356W	MEDIUM8	5	1	3	3	1546.095	
4	F115W	F356W	MEDIUM8	5	1	3	3	1546.095	
5	F150W	F410M	MEDIUM8	5	1	3	3	1546.095	
6	F150W	F410M	MEDIUM8	5	1	3	3	1546.095	
7	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

Aperture PA Range 135.58544897 to 135.58544897 Degrees (V3 130.75 to 130.75)
No Parallel Attachments

Same V3 PA 1, 2
Same V3 PA 1, 3
Same V3 PA 1, 4

Observation

Proposal 1345, Observation 51: CEERS1: MIRI_Red+NIRCam Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 51:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(21)	MIRI1	RA: 14 20 38.8762 (215.1619842d) Dec: +53 03 4.62 (53.05128d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]
Extended=NO

Template

MIRI Imaging	NIRCam Imaging
Subarray: FULL	Module: ALL Subarray: FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	3-POINT-MIRI-F2100W-WITH-NIRCam								DEFAULT

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	F2100W	FASTR1	36	10	1	Dither 1	3	30	3071.969	

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements	
	Aperture PA Range 135.58544897 to 135.58544897 Degrees (V3 130.75 to 130.75) No Parallel Attachments

Observation

Proposal 1345, Observation 2: CEERS2: MIRI_Red+NIRCam Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 2:1) Warning (Form): Data Excess over lower threshold

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(22)	MIRI2	RA: 14 20 17.4228 (215.0725950d) Dec: +52 59 16.19 (52.98783d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]
Extended=NO

Template

MIRI Imaging	NIRCam Imaging
Subarray: FULL	Module: ALL Subarray: FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	3-POINT-MIRI-F770W-WITH-NIRCam								DEFAULT
2	3-POINT-MIRI-F1000W-WITH-NIRCam								DEFAULT
3	3-POINT-MIRI-F1280W-WITH-NIRCam								DEFAULT
4	3-POINT-MIRI-F1500W-WITH-NIRCam								DEFAULT
5	3-POINT-MIRI-F1800W-WITH-NIRCam								DEFAULT
6	3-POINT-MIRI-F2100W-WITH-NIRCam								DEFAULT

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	SLOWR1	23	1	1	Dither 1	3	3	1648.404	
2	F1000W	FASTR1	100	2	1	Dither 2	3	6	1673.349	
3	F1280W	FASTR1	100	2	1	Dither 3	3	6	1673.349	
4	F1500W	FASTR1	100	2	1	Dither 4	3	6	1673.349	
5	F1800W	FASTR1	40	5	1	Dither 5	3	15	1698.324	
6	F2100W	FASTR1	20	10	1	Dither 6	3	30	1739.95	
7	F2100W	FASTR1	36	10	1	Dither 6	3	30	3071.969	

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	F115W	F277W	MEDIUM8	5	1	3	3	1546.095	
2	F115W	F277W	MEDIUM8	5	1	3	3	1546.095	
3	F115W	F356W	MEDIUM8	5	1	3	3	1546.095	
4	F115W	F356W	MEDIUM8	5	1	3	3	1546.095	
5	F150W	F410M	MEDIUM8	5	1	3	3	1546.095	
6	F150W	F410M	MEDIUM8	5	1	3	3	1546.095	
7	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments

Same V3 PA 1, 2

Observation

Proposal 1345, Observation 52: CEERS2: MIRI_Red+NIRCam Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 52:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(22)	MIRI2	RA: 14 20 17.4228 (215.0725950d) Dec: +52 59 16.19 (52.98783d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]
Extended=NO

Template

MIRI Imaging	NIRCam Imaging
Subarray: FULL	Module: ALL Subarray: FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	3-POINT-MIRI-F2100W-WITH-NIRCam								DEFAULT

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	F2100W	FASTR1	36	10	1	Dither 1	3	30	3071.969	

Spectral Elements

NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements	No Parallel Attachments

Observation

Proposal 1345, Observation 3: CEERS3: MIRI_Blue+NIRCam Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(23)	MIRI3	RA: 14 19 55.2317 (214.9801321d) Dec: +52 55 29.38 (52.92483d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]
Extended=NO

Template

MIRI Imaging	NIRCam Imaging
Subarray: FULL	Module: ALL Subarray: FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	3-POINT-MIRI-F770W-WITH-NIRCam								DEFAULT

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	F560W	SLOWR1	41	1	1	Dither 1	3	3	2938.46	
2	F770W	SLOWR1	41	1	1	Dither 1	3	3	2938.46	
3	F770W	SLOWR1	41	1	1	Dither 1	3	3	2938.46	
4	F770W	SLOWR1	41	1	1	Dither 1	3	3	2938.46	

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	F115W	F277W	MEDIUM8	9	1	3	3	2834.507	
2	F115W	F356W	MEDIUM8	9	1	3	3	2834.507	
3	F150W	F410M	MEDIUM8	9	1	3	3	2834.507	
4	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements	
	No Parallel Attachments Same V3 PA 1, 3

Observation

Proposal 1345, Observation 4: CEERS6: MIRI_Blue+NIRCam Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(24)	MIRI6	RA: 14 20 7.7734 (215.0323892d) Dec: +52 54 21.82 (52.90606d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]
Extended=NO

Template

MIRI Imaging	NIRCam Imaging
Subarray: FULL	Module: ALL Subarray: FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	3-POINT-MIRI-F770W-WITH-NIRCam								DEFAULT

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	F560W	SLOWR1	41	1	1	Dither 1	3	3	2938.46	
2	F770W	SLOWR1	41	1	1	Dither 1	3	3	2938.46	
3	F770W	SLOWR1	41	1	1	Dither 1	3	3	2938.46	
4	F770W	SLOWR1	41	1	1	Dither 1	3	3	2938.46	

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	F115W	F277W	MEDIUM8	9	1	3	3	2834.507	
2	F115W	F356W	MEDIUM8	9	1	3	3	2834.507	
3	F150W	F410M	MEDIUM8	9	1	3	3	2834.507	
4	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements	
	No Parallel Attachments Same V3 PA 1, 4

Observation

Proposal 1345, Observation 62: P4_prism_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 62:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(49)	CEERS-NIRSPEC-P4-PRISM-MSATA	RA: 14 19 25.3771 (214.8557379d) Dec: +52 51 20.14 (52.85559d) 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	ETC Wkbk.Calc ID
1	Filter: F110W; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F110W	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p4_prism (1902 sources)	
Filler Candidate List: Final_Fillers_p4_prism (3950 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	9494	214.876873	52.877220	22.170935546025994	1	32391	214.877322	52.887628	23.32492690003972
1	10611	214.811693	52.839583	22.98092643697023	1	44263	214.824745	52.888219	22.261106480968827
1	29135	214.863987	52.835024	22.42648330668002	1	46631	214.830811	52.846699	22.36589821982744
1	30883	214.888654	52.876500	23.048299637836717	1	46679	214.860748	52.887108	21.87976966313922

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	3 Shutter Slitlet	214.85021583333332 Degrees 52.859944444444444 Degrees	89.3192006000005			3	3	3107.434

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	F115W	F277W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Observation

Proposal 1345, Observation 61: P4_Mgrat_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 61:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(43)	CEERS-NIRSPEC-P4-MR-MSATA	RA: 14 19 25.3771 (214.8557379d) Dec: +52 51 20.14 (52.85559d) 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	ETC Wkbk.Calc ID
1	Filter: F110W; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F110W	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p4_Mgrat (1869 sources)	
Filler Candidate List: Final_Fillers_p4_Mgrat (3996 sources)	
Spectral Overlap Map: jwst-nirspec-mr	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	9494	214.876873	52.877220	22.170935546025994	1	32391	214.877322	52.887628	23.32492690003972
1	10611	214.811693	52.839583	22.98092643697023	1	44263	214.824745	52.888219	22.261106480968827
1	29135	214.863987	52.835024	22.42648330668002	1	46631	214.830811	52.846699	22.36589821982744
1	30883	214.888654	52.876500	23.048299637836717	1	46679	214.860748	52.887108	21.87976966313922

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 (G140M/F100LP)	c1	3 Shutter Slitlet	214.85021583333332 Degrees 52.85994166666667 Degrees	89.31920059559418			3	3	3107.434
2	2 (G235M/F170LP)	c1	3 Shutter Slitlet	214.85021583333332 Degrees 52.85994166666667 Degrees	89.31920059559418			3	3	3107.434
3	3 (G395M/F290LP)	c1	3 Shutter Slitlet	214.85021583333332 Degrees 52.85994166666667 Degrees	89.31920059559418			3	3	3107.434

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	F115W	F356W	MEDIUM8	9	1	3	3	2834.507	
2	F150W	F410M	MEDIUM8	9	1	3	3	2834.507	
3	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Observation

Proposal 1345, Observation 63: P5_prism_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 63:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 63:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(50)	CEERS-NIRSPEC-P5-PRISM-MSATA	RA: 14 20 9.7950 (215.0408125d) Dec: +52 58 58.11 (52.98281d) 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	ETC Wkbk.Calc ID
1	Filter: F110W; Readout: NRSRAPIDD6; 7 sources in 4 quads; [Optimal TA Accuracy]	SAME	F110W	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p5_prism (1538 sources)	
Filler Candidate List: Final_Fillers_p5_prism (3984 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	4459	215.005163	52.955671	23.55571799104475	1	46621	215.057098	52.990105	23.82773115956156
1	4468	214.999626	52.970941	23.74223821002642	1	46649	215.050598	53.000469	23.39494838186814
1	4662	215.056550	53.013506	23.25638210043406	1	46695	215.016800	52.994385	22.33557467446007
1	46574	215.066711	52.974777	23.427315199754013					

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	3 Shutter Slitlet	215.03368 Degrees 52.985163888888 89 Degrees	89.317902934323 26			3	3	3107.434

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	F115W	F277W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Observation

Proposal 1345, Observation 64: P5_Mgrat_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 64:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(44)	CEERS-NIRSPEC-P5-MR-MSATA	RA: 14 20 9.7950 (215.0408125d) Dec: +52 58 58.11 (52.98281d) 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	ETC Wkbk.Calc ID
1	Filter: F110W; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F110W	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p5_Mgrat (1499 sources)	
Filler Candidate List: Final_Primary_p5_Mgrat (1499 sources)	
Spectral Overlap Map: jwst-nirspec-mr	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	4459	215.005163	52.955671	23.55571799104475	1	46574	215.066711	52.974777	23.427315199754013
1	4468	214.999626	52.970941	23.74223821002642	1	46621	215.057098	52.990105	23.82773115956156
1	4662	215.056550	53.013506	23.25638210043406	1	46649	215.050598	53.000469	23.39494838186814
1	31143	215.044560	52.990033	23.188491320048406	1	46695	215.016800	52.994385	22.33557467446007

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 (G140M/F100LP)	c1	3 Shutter Slitlet	215.03368791666668 Degrees 52.98520833333333 Degrees	89.31790933157706			3	3	3107.434
2	2 (G235M/F170LP)	c1	3 Shutter Slitlet	215.03368791666668 Degrees 52.98520833333333 Degrees	89.31790933157706			3	3	3107.434
3	3 (G395M/F290LP)	c1	3 Shutter Slitlet	215.03368791666668 Degrees 52.98520833333333 Degrees	89.31790933157706			3	3	3107.434

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	F115W	F356W	MEDIUM8	9	1	3	3	2834.507	
2	F150W	F410M	MEDIUM8	9	1	3	3	2834.507	
3	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Same V3 PA 12, 64 (Aperture PAs differ)

Observation

Proposal 1345, Observation 65: P7_prism_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 65:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 65:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(56)	CEERS-NIRSPEC-P7-PRISM-MSATA	RA: 14 20 45.7115 (215.1904646d) Dec: +53 02 40.23 (53.04451d) 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	ETC Wkbk.Calc ID
1	Filter: F140X; Readout: NRSRAPID; 6 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
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p7_prism (1579 sources)	
Filler Candidate List: Final_Fillers_p7_prism (4125 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	718	215.160352	53.065372	21.55891333203412	1	28065	215.162362	53.030982	21.6947754212568
1	24822	215.237208	53.037342	22.15649720038678 8	1	41812	215.184606	53.054925	21.83122542282836
1	26745	215.173186	53.019861	21.03884910566910 8	1	46214	215.185120	53.023269	22.50219376744376 4

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	3 Shutter Slitlet	215.19919500000003 Degrees 53.044780555555555 Degrees	89.33058384380473			3	3	3107.434

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	F115W	F277W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Observation

Proposal 1345, Observation 66: P7_Mgrat_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 66:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 66:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(55)	CEERS-NIRSPEC-P7-MR-MSATA	RA: 14 20 45.7115 (215.1904646d) Dec: +53 02 40.23 (53.04451d) 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	ETC Wkbk.Calc ID
1	Filter: F140X; Readout: NRSRAPID; 6 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
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p7_Mgrat (1539 sources)	
Filler Candidate List: Final_Fillers_p7_Mgrat (4179 sources)	
Spectral Overlap Map: jwst-nirspec-mr	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	718	215.160352	53.065372	21.55891333203412	1	28065	215.162362	53.030982	21.6947754212568
1	24822	215.237208	53.037342	22.15649720038678 8	1	41812	215.184606	53.054925	21.83122542282836
1	26745	215.173186	53.019861	21.03884910566910 8	1	46214	215.185120	53.023269	22.50219376744376 4

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 (G140M/F100LP)	c1	3 Shutter Slitlet	215.19918083333334 Degrees 53.044780555555555 Degrees	89.33057251200223			3	3	3107.434
2	2 (G235M/F170LP)	c1	3 Shutter Slitlet	215.19918083333334 Degrees 53.044780555555555 Degrees	89.33057251200223			3	3	3107.434
3	3 (G395M/F290LP)	c1	3 Shutter Slitlet	215.19918083333334 Degrees 53.044780555555555 Degrees	89.33057251200223			3	3	3107.434

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	F115W	F356W	MEDIUM8	9	1	3	3	2834.507	
2	F150W	F410M	MEDIUM8	9	1	3	3	2834.507	
3	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Same V3 PA 16, 66 (Aperture PAs differ)

Observation

Proposal 1345, Observation 67: P8_prism_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 67:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 67:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(52)	CEERS-NIRSPEC-P8-PRISM-MSATA	RA: 14 20 24.5297 (215.1022071d) Dec: +52 59 8.15 (52.98560d) 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	ETC Wkbk.Calc ID
1	Filter: F110W; Readout: NRSRAPIDD6; 7 sources in 4 quads; [Optimal TA Accuracy]	SAME	F110W	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p8_prism (1435 sources)	
Filler Candidate List: Final_Fillers_p8_prism (4182 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	3033	215.089202	52.966336	22.83759204029716	1	41158	215.141793	53.003345	23.221993381010925
1	4346	215.151014	52.987200	23.022294887168663	1	42460	215.077515	52.999485	23.32447741810284
1	7975	215.130098	52.953827	23.83066020527161	1	46473	215.120010	52.971584	23.931832602966075
1	26918	215.126535	52.991226	22.526259309954348					

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	3 Shutter Slitlet	215.10633208333334 Degrees 52.980802777777 78 Degrees	89.326889462865 89			3	3	3107.434

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	F115W	F277W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Observation

Proposal 1345, Observation 68: P8_Mgrat_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 68:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 68:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(48)	CEERS-NIRSPEC-P8-MR-MSATA	RA: 14 20 24.5297 (215.1022071d) Dec: +52 59 8.15 (52.98560d) 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	ETC Wkbk.Calc ID
1	Filter: F140X; Readout: NRSRAPIDD6; 7 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
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p8_Mgrat (1385 sources)	
Filler Candidate List: Final_Fillers_p8_Mgrat (4245 sources)	
Spectral Overlap Map: jwst-nirspec-mr	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	3033	215.089202	52.966336	22.71837592573604 8	1	41158	215.141793	53.003345	23.10228685068235 8
1	4346	215.151014	52.987200	22.67882731469034 5	1	42460	215.077515	52.999485	22.99632679374053
1	7975	215.130098	52.953827	23.58159907992898 5	1	46473	215.120010	52.971584	24.01081186159872
1	8961	215.084571	52.996007	24.42442918824814 8					

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 (G140M/F100LP)	c1	3 Shutter Slitlet	215.10633208333334 Degrees 52.980797222222 22 Degrees	89.32688945425234			3	3	3107.434
2	2 (G235M/F170LP)	c1	3 Shutter Slitlet	215.10633208333334 Degrees 52.980797222222 22 Degrees	89.32688945425234			3	3	3107.434
3	3 (G395M/F290LP)	c1	3 Shutter Slitlet	215.10633208333334 Degrees 52.980797222222 22 Degrees	89.32688945425234			3	3	3107.434

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	F115W	F356W	MEDIUM8	9	1	3	3	2834.507	
2	F150W	F410M	MEDIUM8	9	1	3	3	2834.507	
3	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Same V3 PA 15, 68 (Aperture PAs differ)

Observation

Proposal 1345, Observation 70: P9_prism_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 70:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 70:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(53)	CEERS-NIRSPEC-P9-PRISM-MSATA	RA: 14 20 2.1733 (215.0090554d) Dec: +52 55 20.50 (52.92236d) 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	ETC Wkbk.Calc ID
1	Filter: F140X; Readout: NRSRAPIDD6; 7 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
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p9_prism (1353 sources)	
Filler Candidate List: Final_Fillers_p9_prism (3733 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	3941	214.971865	52.902224	23.773285836632816	1	46219	215.039673	52.900555	23.12899659490737
1	4442	215.033461	52.911604	23.08168330078629	1	46262	215.057266	52.931644	23.55067798664087
1	8551	215.052610	52.940658	22.968272984662228	1	46362	215.002716	52.940781	24.236120624501915
1	42130	215.002407	52.936639	24.57848924540672					

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	3 Shutter Slitlet	215.01310708333 332 Degrees 52.918022222222 22 Degrees	89.326829052592 49			3	3	3107.434
2	1 (PRISM/CLEAR)	c1	3 Shutter Slitlet	215.01310708333 332 Degrees 52.918022222222 22 Degrees	89.326828722974 43	0.3333		3	3	3107.434

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	F115W	F277W	MEDIUM8	9	1	3	3	2834.507	
2	F115W	F356W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Observation

Proposal 1345, Observation 100: P11_prism_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(Visit 100:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 100:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(60)	CEERS-NIRSPEC-P11-PRISM-MSATA	RA: 14 19 34.7490 (214.8947875d) Dec: +52 50 43.85 (52.84551d) Equinox: J2000		

Comments:
Description=[]

Acquisition

#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	Filter: F110W; Readout: NRSRAPIDD6; 6 sources in 3 quads; [Optimal TA Accuracy]	SAME	F110W	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	

Template

TA Method	Obtain Confirmation Images	Science Aperture	Primary Candidate List	Filler Candidate List	Spectral Overlap Map	Spectral Overlap Threshold
MSATA	No	MSA Center	Final_Primary_p11 (3309 sources)	Final_Fillers_p11 (3321 sources)	jwst-nirspec-prism	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	6533	214.926523	52.843982	22.94134231053629	1	30883	214.888654	52.876500	23.048299637836717
1	29135	214.863987	52.835024	22.42648330668002	1	41782	214.915871	52.863645	22.15088543726028
1	29439	214.901373	52.867211	23.26604868444715	1	42233	214.866730	52.843275	23.78684093064441

Spectral Elements

#	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	3 Shutter Slitlet	214.904295 Degrees 52.84279166666667 Degrees	41.44027066232037			3	3	3107.434
2	1 (PRISM/CLEAR)	c1	3 Shutter Slitlet	214.904295 Degrees 52.84279166666667 Degrees	41.44024621726855	0.3333		3	3	3107.434

Special Requirements	
	Aperture PA Range 41.4327 to 41.4327 Degrees (V3 262.85813029999997 to 262.85813029999997) MSA Scheduled Aperture PA 41.4326897 to 41.4326897 Degrees (V3 262.85812 to 262.85812)

Observation

Proposal 1345, Observation 69: P9_Mgrat_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 69:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 69:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(46)	CEERS-NIRSPEC-P9-MR-MSATA	RA: 14 20 2.1733 (215.0090554d) Dec: +52 55 20.50 (52.92236d) 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	ETC Wkbk.Calc ID
1	Filter: F140X; Readout: NRSRAPIDD6; 7 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
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p9_Mgrat (1314 sources)	
Filler Candidate List: Final_Fillers_p9_Mgrat (3783 sources)	
Spectral Overlap Map: jwst-nirspec-mr	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	3941	214.971865	52.902224	23.773285836632816	1	46219	215.039673	52.900555	23.12899659490737
1	4442	215.033461	52.911604	23.08168330078629	1	46262	215.057266	52.931644	23.55067798664087
1	8551	215.052610	52.940658	22.968272984662228	1	46362	215.002716	52.940781	24.236120624501915
1	42130	215.002407	52.936639	24.57848924540672					

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 (G140M/F100LP)	c1	3 Shutter Slitlet	215.01310208333334 Degrees 52.91802222222222 Degrees	89.32682506123207			3	3	3107.434
2	2 (G235M/F170LP)	c1	3 Shutter Slitlet	215.01310208333334 Degrees 52.91802222222222 Degrees	89.32682506123207			3	3	3107.434
3	3 (G395M/F290LP)	c1	3 Shutter Slitlet	215.01310208333334 Degrees 52.91802222222222 Degrees	89.32682506123207			3	3	3107.434

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	F115W	F410M	MEDIUM8	9	1	3	3	2834.507	
2	F150W	F444W	MEDIUM8	9	1	3	3	2834.507	
3	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Same V3 PA 13, 69 (Aperture PAs differ)

Observation

Proposal 1345, Observation 72: P10_prism_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 72:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(54)	CEERS-NIRSPEC-P10-PRISM-MSATA	RA: 14 19 38.8067 (214.9116946d) Dec: +52 51 30.20 (52.85839d) 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	ETC Wkbk.Calc 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	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p10_prism (1611 sources)	
Filler Candidate List: Final_Fillers_p10_prism (3854 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	2919	214.885865	52.839720	22.81746400302261	1	46274	214.937698	52.844620	23.88413835248117
1	26957	214.950846	52.867227	22.38535015715409	1	46287	214.959869	52.867870	23.28505763891817
1	29439	214.901373	52.867211	22.912248267146342	1	46290	214.896027	52.825672	24.18396987611577
1	30883	214.888654	52.876500	22.74220342851984	1	46315	214.896317	52.836384	24.496399444245466

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	3 Shutter Slitlet	214.92057416666665 Degrees 52.85532222222222 Degrees	89.33068046646524			3	3	3107.434

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	F115W	F277W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Observation

Proposal 1345, Observation 102: P12_prism_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(Visit 102:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 102:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(64)	CEERS-NIRSPEC-P12-PRISM-MSATA	RA: 14 19 5.5033 (214.7729304d) Dec: +52 45 22.87 (52.75635d) Equinox: J2000		

Comments:
Description=[]

Acquisition

#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	Filter: F140X; Readout: NRSRAPID; 6 sources in 2 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	

Template

TA Method	Obtain Confirmation Images	Science Aperture	Primary Candidate List	Filler Candidate List	Spectral Overlap Map	Spectral Overlap Threshold
MSATA	No	MSA Center	Final_Primary_p12 (1937 sources)	Final_Fillers_p12 (2482 sources)	jwst-nirspec-prism	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	2917	214.781948	52.766119	22.390059997982995	1	7750	214.794699	52.724402	22.71070724988146
1	6705	214.784097	52.781885	22.25214818933201	1	28402	214.780232	52.765224	22.7286789517187
1	7571	214.766100	52.772091	22.62506747144993	1	28502	214.788483	52.773137	22.474721478504957

Spectral Elements

#	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	3 Shutter Slitlet	214.77841791666665 Degrees 52.747083333333336 Degrees	41.754348424845425			3	3	3107.434

Special Requirements	
	Aperture PA Range 41.75 to 41.75 Degrees (V3 263.1754303 to 263.1754303) MSA Scheduled Aperture PA 41.7500197 to 41.7500197 Degrees (V3 263.17545 to 263.17545)

Observation

Proposal 1345, Observation 71: P10_Mgrat_0x0_0.01_MSATA Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Coordinated Parallel Template(s): NIRCam Imaging

Diagnostics

(Visit 71:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(47)	CEERS-NIRSPEC-P10-MR-MSATA	RA: 14 19 38.8067 (214.9116946d) Dec: +52 51 30.20 (52.85839d) 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	ETC Wkbk.Calc 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	

Template

NIRSpec MultiObject Spectroscopy	NIRCam Imaging
TA Method: MSATA	Module: ALL
Obtain Confirmation Images: No	Subarray: FULL
Science Aperture: MSA Center	
Primary Candidate List: Final_Primary_p10_Mgrat (1571 sources)	
Filler Candidate List: Final_Fillers_p10_Mgrat (3903 sources)	
Spectral Overlap Map: jwst-nirspec-mr	
Spectral Overlap Threshold: 1.5	

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	2919	214.885865	52.839720	22.81746400302261	1	29439	214.901373	52.867211	22.912248267146342
1	25021	214.951730	52.838710	21.96306516656524	1	30883	214.888654	52.876500	22.74220342851984
1	26957	214.950846	52.867227	22.38535015715409	1	42980	214.890317	52.882943	22.83147340346064
1	29315	214.899698	52.863394	21.723804837219923	1	46342	214.945877	52.883946	22.078002431724972

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 (G140M/F100LP)	c1	3 Shutter Slitlet	214.920575 Degrees 52.85525 Degrees	89.330681016828 42			3	3	3107.434
2	2 (G235M/F170LP)	c1	3 Shutter Slitlet	214.920575 Degrees 52.85525 Degrees	89.330681016828 42			3	3	3107.434
3	3 (G395M/F290LP)	c1	3 Shutter Slitlet	214.920575 Degrees 52.85525 Degrees	89.330681016828 42			3	3	3107.434

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	F115W	F356W	MEDIUM8	9	1	3	3	2834.507	
2	F150W	F410M	MEDIUM8	9	1	3	3	2834.507	
3	F200W	F444W	MEDIUM8	9	1	3	3	2834.507	

Special Requirements

No Parallel Attachments
MSA Scheduled Aperture PA 89.3235697 to 89.3235697 Degrees (V3 310.749 to 310.749)

Observation

Proposal 1345, Observation 12: CEERS5b: NIRCam WFSS + MIRI Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Wide Field Slitless Spectroscopy

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

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

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

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(26)	NIRCAM-WFSS5	RA: 14 19 46.0325 (214.9418021d) Dec: +52 53 37.64 (52.89379d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]

Template

NIRCam Wide Field Slitless Spectroscopy	MIRI Imaging
Module: ALL	Subarray: FULL
Subarray: FULL	
Grism (Long Wavelength): BOTH	
Show partial spectra region in Aladin: false	

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Positions
1	NONE		4-POINT-WITH-MIRI-F1500W

Direct Image

NIRCam Wide Field Slitless Spectroscopy	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	Grism (Long Wavelength)	Exposure Type	Total Dithers
1	F115W	F356W	SHALLOW4	6	1	1	311.366		GRISMR	Direct Image	1
2	F115W	F356W	SHALLOW4	6	1	1	311.366		GRISMC	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	ETC Wkbk.Calc ID	Grism (Long Wavelength)	Exposure Type	Total Dithers
1	F115W	F356W	SHALLOW4	6	1	4	1245.465		GRISMR	Grism (Long Wavelength)	4
2	F115W	F356W	SHALLOW4	6	1	2	622.733			Out of Field	2
3	F115W	F356W	SHALLOW4	6	1	4	1245.465		GRISMC	Grism (Long Wavelength)	4
4	F115W	F356W	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	ETC Wkbk.Calc ID
1	F1000W	FASTR1	112	1	1		4	4	1243.218	
2	F1280W	FASTR1	112	1	1		1	1	310.804	
3	F1280W	FASTR1	112	1	1		2	2	621.609	
4	F1800W	FASTR1	112	1	1		4	4	1243.218	
5	F1500W	FASTR1	112	1	1		1	1	310.804	
6	F1500W	FASTR1	112	1	1		2	2	621.609	

Special Requirements

Group Visits within 53.0 Days
Visits Same PA
No Parallel Attachments

Same V3 PA 12, 64 (Aperture PAs differ)

Observation

Proposal 1345, Observation 16: CEERS7b: NIRCam WFSS + MIRI Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Wide Field Slitless Spectroscopy

Coordinated Parallel Template(s): MIRI Imaging

Diagnostics

(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 16:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 16:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(27)	NIRCAM-WFSS7	RA: 14 20 25.7256 (215.1071900d) Dec: +52 57 12.26 (52.95341d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]

Template

NIRCam Wide Field Slitless Spectroscopy	MIRI Imaging
Module: ALL	Subarray: FULL
Subarray: FULL	
Grism (Long Wavelength): BOTH	
Show partial spectra region in Aladin: false	

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Positions
1	NONE		4-POINT-WITH-MIRI-F1500W

Direct Image

NIRCam Wide Field Slitless Spectroscopy	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	Grism (Long Wavelength)	Exposure Type	Total Dithers
1	F115W	F356W	SHALLOW4	6	1	1	311.366		GRISMR	Direct Image	1
2	F115W	F356W	SHALLOW4	6	1	1	311.366		GRISMC	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	ETC Wkbk.Calc ID	Grism (Long Wavelength)	Exposure Type	Total Dithers
1	F115W	F356W	SHALLOW4	6	1	4	1245.465		GRISMR	Grism (Long Wavelength)	4
2	F115W	F356W	SHALLOW4	6	1	2	622.733			Out of Field	2
3	F115W	F356W	SHALLOW4	6	1	4	1245.465		GRISMC	Grism (Long Wavelength)	4
4	F115W	F356W	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	ETC Wkbk.Calc ID
1	F560W	SLOWR1	12	1	1		4	4	1146.716	
2	F560W	SLOWR1	12	1	1		1	1	286.679	
3	F770W	SLOWR1	12	1	1		2	2	573.358	
4	F770W	SLOWR1	12	1	1		4	4	1146.716	
5	F770W	SLOWR1	12	1	1		1	1	286.679	
6	F770W	SLOWR1	12	1	1		2	2	573.358	

Special Requirements

Group Visits within 53.0 Days
Visits Same PA
No Parallel Attachments

Same V3 PA 16, 66 (Aperture PAs differ)

Observation

Proposal 1345, Observation 15: CEERS8b: NIRCam WFSS + MIRI Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Wide Field Slitless Spectroscopy

Coordinated Parallel Template(s): 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.

(Visit 15:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(28)	NIRCAM-WFSS8	RA: 14 20 3.4712 (215.0144633d) Dec: +52 53 21.94 (52.88943d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]

Template

NIRCam Wide Field Slitless Spectroscopy	MIRI Imaging
Module: ALL	Subarray: FULL
Subarray: FULL	
Grism (Long Wavelength): BOTH	
Show partial spectra region in Aladin: false	

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Positions
1	NONE		4-POINT-WITH-MIRI-F1500W

Direct Image

NIRCam Wide Field Slitless Spectroscopy	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	Grism (Long Wavelength)	Exposure Type	Total Dithers
1	F115W	F356W	SHALLOW4	6	1	1	311.366		GRISMR	Direct Image	1
2	F115W	F356W	SHALLOW4	6	1	1	311.366		GRISMC	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	ETC Wkbk.Calc ID	Grism (Long Wavelength)	Exposure Type	Total Dithers
1	F115W	F356W	SHALLOW4	6	1	4	1245.465		GRISMR	Grism (Long Wavelength)	4
2	F115W	F356W	SHALLOW4	6	1	2	622.733			Out of Field	2
3	F115W	F356W	SHALLOW4	6	1	4	1245.465		GRISMC	Grism (Long Wavelength)	4
4	F115W	F356W	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	ETC Wkbk.Calc ID
1	F1000W	FASTR1	112	1	1		4	4	1243.218	
2	F1280W	FASTR1	112	1	1		1	1	310.804	
3	F1280W	FASTR1	112	1	1		2	2	621.609	
4	F1800W	FASTR1	112	1	1		4	4	1243.218	
5	F1500W	FASTR1	112	1	1		1	1	310.804	
6	F1500W	FASTR1	112	1	1		2	2	621.609	

Special Requirements

Group Visits within 53.0 Days
Visits Same PA
No Parallel Attachments

Same V3 PA 15, 68 (Aperture PAs differ)

Observation

Proposal 1345, Observation 13: CEERS9b: NIRCam WFSS + MIRI Tue Jan 31 01:01:40 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Wide Field Slitless Spectroscopy

Coordinated Parallel Template(s): 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.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(25)	NIRCAM-WFSS9	RA: 14 19 41.1292 (214.9213717d) Dec: +52 49 35.93 (52.82665d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]

Template

NIRCam Wide Field Slitless Spectroscopy	MIRI Imaging
Module: ALL	Subarray: FULL
Subarray: FULL	
Grism (Long Wavelength): BOTH	
Show partial spectra region in Aladin: false	

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Positions
1	NONE		4-POINT-WITH-MIRI-F1500W

Direct Image

NIRCam Wide Field Slitless Spectroscopy	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	Grism (Long Wavelength)	Exposure Type	Total Dithers
1	F115W	F356W	SHALLOW4	6	1	1	311.366		GRISMR	Direct Image	1
2	F115W	F356W	SHALLOW4	6	1	1	311.366		GRISMC	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	ETC Wkbk.Calc ID	Grism (Long Wavelength)	Exposure Type	Total Dithers
1	F115W	F356W	SHALLOW4	6	1	4	1245.465		GRISMR	Grism (Long Wavelength)	4
2	F115W	F356W	SHALLOW4	6	1	2	622.733			Out of Field	2
3	F115W	F356W	SHALLOW4	6	1	4	1245.465		GRISMC	Grism (Long Wavelength)	4
4	F115W	F356W	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	ETC Wkbk.Calc ID
1	F560W	SLOWR1	12	1	1		4	4	1146.716	
2	F560W	SLOWR1	12	1	1		1	1	286.679	
3	F770W	SLOWR1	12	1	1		2	2	573.358	
4	F770W	SLOWR1	12	1	1		4	4	1146.716	
5	F770W	SLOWR1	12	1	1		1	1	286.679	
6	F770W	SLOWR1	12	1	1		2	2	573.358	

Special Requirements

Group Visits within 53.0 Days
Visits Same PA
No Parallel Attachments

Same V3 PA 13, 69 (Aperture PAs differ)