



7814 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Imaging Legacy with Medium Bands

Cycle: 4, Proposal Category: GO

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JWST Proposal 7814 (Created: Tuesday, May 26, 2026, 7:00:24PM Eastern Standard Time) - Overview

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JWST Proposal 7814 (Created: Tuesday, May 26, 2026, 7:00:24PM Eastern Standard Time) - Overview

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
COSMOS-1 Observation Folder				
	3	COSMOS-1 Mosaic	MIRI Imaging	(3) COSMOS-1
COSMOS-2 Observation Folder				
	4	COSMOS-2 Mosaic	MIRI Imaging	(4) COSMOS-2
GOODS-N Observation Folder				
	43	GOODS-N: NIRCam+ MIRI F1	NIRCam Imaging	(41) GOODS-N-MEDIUM01
	44	GOODS-N: NIRCam+ MIRI F2	NIRCam Imaging	(42) GOODS-N-MEDIUM02
	45	GOODS-N: NIRCam+ MIRI F3	NIRCam Imaging	(43) GOODS-N-MEDIUM03
	46	GOODS-N: NIRCam+ MIRI F4	NIRCam Imaging	(44) GOODS-N-MEDIUM04
	47	GOODS-N: NIRCam+ MIRI F5	NIRCam Imaging	(45) GOODS-N-MEDIUM05
	48	GOODS-N: NIRCam+ MIRI F6	NIRCam Imaging	(46) GOODS-N-MEDIUM06
	49	GOODS-N: NIRCam+ MIRI F7	NIRCam Imaging	(47) GOODS-N-MEDIUM07
AEGIS Observation Folder				
	24	AEGIS1: MIRI+NIRCa m	MIRI Imaging	(23) AEGISMIRI1
	25	AEGIS2: MIRI+NIRCa m	MIRI Imaging	(24) AEGISMIRI2
	26	AEGIS3: MIRI+NIRCa m	MIRI Imaging	(25) AEGISMIRI3

JWST Proposal 7814 (Created: Tuesday, May 26, 2026, 7:00:24PM Eastern Standard Time) - Overview

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	27	AEGIS4: MIRI+NIRCam	MIRI Imaging	(26) AEGISMIRI4
	28	AEGIS5: MIRI+NIRCam	MIRI Imaging	(27) AEGISMIRI5
	29	AEGIS6: MIRI+NIRCam	MIRI Imaging	(28) AEGISMIRI6
	30	AEGIS7: MIRI+NIRCam	MIRI Imaging	(29) AEGISMIRI7
	31	AEGIS8: MIRI+NIRCam	MIRI Imaging	(30) AEGISMIRI8
	32	AEGIS9: MIRI+NIRCam	MIRI Imaging	(31) AEGISMIRI9
	33	AEGIS10: MIRI+NIRCam	MIRI Imaging	(32) AEGISMIRI10
UDS-1 Mosaic Group				
	1	UDS-1 Mosaic	MIRI Imaging	(1) UDS-1
UDS-2 Mosaic Group				
	2	UDS-2 Mosaic	MIRI Imaging	(2) UDS-2
	50	UDS-2 Mosaic Repeat of Tile-13	MIRI Imaging	(50) UDS-2-Tile-13
	51	UDS-2 Mosaic Copy of Tile-22	MIRI Imaging	(51) UDS-2-Tile-22

ABSTRACT

The deep imaging capability of JWST/NIRCam has revolutionized our understanding of the distant universe, but most extragalactic imaging in the key "cosmic windows" has been limited to broad-band filters with low spectral resolution ($R = 4-5$). This limitation has hindered our ability to resolve key features in galaxy SEDs, such as the Lyman/Balmer breaks and strong emission lines, leading to challenges in interpreting many results. We propose to obtain 8-filter medium-band imaging, along with F1280W and F1500W MIRI parallels, in the primary HST/JWST fields (PRIMER-UDS, PRIMER-COSMOS, CEERS/AEGIS, JADES-GOODS-N). This will double the total JWST filter coverage in these fields to more than 20 bands and triple the spectral resolution to $R \sim 15$. By increasing the surveyed area nearly 10-fold compared to existing medium-band programs, we will significantly reduce the effects of cosmic variance and uncover rare populations hiding in existing deep-field catalogs. These observations will allow us to: 1) efficiently identify and characterize galaxies with unusual SEDs including $z > 12$ candidates, high-redshift Balmer breaks, metal-poor extreme emission line galaxies, and extremely red/dusty sources, 2) improve stellar mass and star-formation rate density measurements at $2 < z < 10$

by factors of 2-4, and 3) create resolved maps of stellar mass and star formation across 10 Gyr of cosmic time to model galaxy growth in two dimensions. In addition to these science returns, these data will enhance all future science derived from these legacy fields with improved photometric redshifts and stellar masses and serve as JWST's lasting multiwavelength photometric legacy.

OBSERVING DESCRIPTION

This program is an 8 filter (4 SW + 4 LW) NIRCam medium band imaging program of four of the major extragalactic "cosmic windows". These fields are PRIMER-COSMOS, PRIMER-UDS, CEERS-AEGIS and JADES-GOODS-N which are four of the five HST-CANDELS legacy fields. Specifically, the filters F140M, F162M, F182M and F210M are used on the SW, and F250M, F300M, F360M and F460M are used on the LW. The program also has associated MIRI parallels that are primarily in the F1280W and F1500W bands, although in some locations where those data exist it obtains new F560W or F1800W imaging. The total area covered by NIRCam imaging is ~548 square arcmin and the total area covered by MIRI is ~ 288 square arcmin.

All four fields already contain 7 - 9 filter NIRCam broadband imaging and 2 - 6 band MIRI imaging parallels from the PRIMER, CEERS and JADES surveys. There is additional MIRI data in F1000W, F1500W and F2100W from the MEGA survey in CEERS, and in F1000W and F2100W from the COSMOS-3D survey in PRIMER-COSMOS. The goal of this program is to augment those legacy datasets with higher spectral-resolution imaging in order to sample galaxy spectral energy distributions (SEDs) to 3x better resolution. This significant increase in resolution opens up the possibility of identifying new and/or exotic stellar populations that cannot be resolved by broadbands, and also returns a factor of 4 improvement in photometric redshift uncertainties and catastrophic failure rates, as well as a factor of 2 improvement in stellar mass uncertainties. This allows computation of the stellar mass function without large systematic uncertainties. In order to maximize overlap between the broadband and MIRI imaging from the previous programs, and obtain true "multi-color" SEDs, the program uses the identical observational setup as those programs, i.e., identical observational strategy, dithers, detector readouts, and PA requirements, but employs different filter choices.

The typical on-sky exposure time in each filter in NIRCam is ~28 minutes and reaches a 5sigma point-source limit in F300M of 28.1 mag with approximately similar depths in other medium bands. The exposure time varies slightly across the PRIMER mosaics, as with the broadbands. The exposure time in the medium bands is similar to the broadbands. Previous surveys and simulations show that while this makes the medium bands approximately 0.2 - 0.6 mag shallower than equivalent-wavelength broadbands, the improvement in quantities such as photometric redshifts from increased spectral resolution and wavelength coverage outweighs using equivalent exposure time to go deeper on fewer medium bands.

By using the same observing setup as previous programs, the proposed MIRI parallels land identically on previous MIRI parallels and this creates the

JWST Proposal 7814 (Created: Tuesday, May 26, 2026, 7:00:24PM Eastern Standard Time) - Overview

opportunity to obtain at minimum 4 filter imaging in all regions (F770W, F1280W, F1500W, F1800W), and as much as 8 filter coverage in certain regions where more MIRI data already exists. Because half as many filters are used in MIRI, the typical on-sky exposure times per filter are approximately double that of NIRCам, ~ 56 - 60 minutes per filter. The MIRI integrations are formally slightly longer than the NIRCам in PRIMER and CEERS as MIRI is formally used in prime in order to match the previous APT layout.

Combining the existing and proposed NIRCам data with existing HST data results in a treasury photometric survey with a total of 22 -30 space-based filters (depending on field) with imaging covering 0.4 microns - 21 microns.

Proposal 7814 - Targets - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Imaging ...

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	UDS-1	RA: 02 17 26.4663 (34.3602762d) Dec: -05 07 50.72 (-5.13076d) Equinox: J2000		
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i></p>				
(2)	UDS-2	RA: 02 17 30.6663 (34.3777762d) Dec: -05 16 16.12 (-5.27114d) Equinox: J2000		
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i></p>				
(3)	COSMOS-1	RA: 10 00 43.3155 (150.1804812d) Dec: +02 24 2.42 (2.40067d) Equinox: J2000		
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i></p>				
(4)	COSMOS-2	RA: 10 00 17.1634 (150.0715142d) Dec: +02 15 48.89 (2.26358d) Equinox: J2000		
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i></p>				
(23)	AEGISMIRI1	RA: 14 20 38.6990 (215.1612458d) Dec: +53 03 5.58 (53.05155d) Equinox: J2000		
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]</i> <i>Extended=NO</i></p>				
(24)	AEGISMIRI2	RA: 14 20 17.2988 (215.0720783d) Dec: +52 59 16.67 (52.98796d) Equinox: J2000		
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]</i> <i>Extended=NO</i></p>				
(25)	AEGISMIRI3	RA: 14 19 55.2317 (214.9801321d) Dec: +52 55 29.38 (52.92483d) Equinox: J2000		
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]</i> <i>Extended=NO</i></p>				

Fixed Targets

Proposal 7814 - Targets - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Imaging ...

(26)	AEGISMIRI4	RA: 14 19 44.5477 (214.9356154d) Dec: +52 50 31.08 (52.84197d) Equinox: J2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]</i> <i>Extended=NO</i></p>		
(27)	AEGISMIRI5	RA: 14 20 28.5329 (215.1188871d) Dec: +52 58 2.19 (52.96728d) Equinox: J2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]</i> <i>Extended=NO</i></p>		
(28)	AEGISMIRI6	RA: 14 20 7.7734 (215.0323892d) Dec: +52 54 22.46 (52.90624d) Equinox: J2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]</i> <i>Extended=NO</i></p>		
(29)	AEGISMIRI7	RA: 14 21 8.3402 (215.2847508d) Dec: +53 01 36.38 (53.02677d) Equinox: J2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]</i> <i>Extended=NO</i></p>		
(30)	AEGISMIRI8	RA: 14 20 46.0145 (215.1917271d) Dec: +52 57 46.26 (52.96285d) Equinox: J2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]</i> <i>Extended=NO</i></p>		
(31)	AEGISMIRI9	RA: 14 20 23.5990 (215.0983292d) Dec: +52 54 0.42 (52.90012d) Equinox: J2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]</i> <i>Extended=NO</i></p>		
(32)	AEGISMIRI10	RA: 14 20 1.3852 (215.0057717d) Dec: +52 50 14.66 (52.83741d) Equinox: J2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies]</i> <i>Extended=NO</i></p>		

Proposal 7814 - Targets - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Imaging ...

(41)	GOODS-N-MEDIUM01	RA: 12 36 43.0208 (189.1792533d) Dec: +62 16 29.53 (62.27487d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i></p>			
(42)	GOODS-N-MEDIUM02	RA: 12 36 27.1723 (189.1132179d) Dec: +62 15 26.85 (62.25746d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i></p>			
(43)	GOODS-N-MEDIUM03	RA: 12 36 11.1715 (189.0465479d) Dec: +62 15 39.62 (62.26101d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i></p>			
(44)	GOODS-N-MEDIUM04	RA: 12 37 6.5200 (189.2771667d) Dec: +62 12 16.62 (62.20462d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i></p>			
(45)	GOODS-N-MEDIUM05	RA: 12 36 49.1715 (189.2048812d) Dec: +62 11 21.62 (62.18934d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i></p>			
(46)	GOODS-N-MEDIUM06	RA: 12 37 10.3600 (189.2931667d) Dec: +62 11 19.23 (62.18867d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i></p>			

Proposal 7814 - Targets - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Imaging ...

(47)	GOODS-N-MEDIUM07	RA: 12 36 53.6715 (189.2236312d) Dec: +62 10 21.63 (62.17267d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i></p>			
(50)	UDS-2-Tile-13	RA: 02 17 52.5519 (34.4689663d) Dec: -05 15 6.33 (-5.25176d) Equinox: J2000	
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i></p>			
(51)	UDS-2-Tile-22	RA: 02 17 46.2034 (34.4425142d) Dec: -05 16 16.20 (-5.27117d) Equinox: J2000	
<p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i></p>			

Observation

Proposal 7814, Observation 3: COSMOS-1 Mosaic

Wed May 27 00:00:24 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Coordinated Parallel Template(s): NIRCам Imaging

Diagnostics

- (Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:2) Warning (Form): Data Excess over lower threshold
- (Visit 3:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:3) Warning (Form): Data Excess over lower threshold
- (Visit 3:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:4) Warning (Form): Data Excess over lower threshold
- (Visit 3:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:5) Warning (Form): Data Excess over lower threshold
- (Visit 3:5) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:6) Warning (Form): Data Excess over lower threshold
- (Visit 3:6) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:7) Warning (Form): Data Excess over lower threshold
- (Visit 3:7) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:8) Warning (Form): Data Excess over lower threshold
- (Visit 3:8) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:9) Warning (Form): Data Excess over lower threshold
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- (Visit 3:10) Warning (Form): Data Excess over lower threshold
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- (Visit 3:11) Warning (Form): Data Excess over lower threshold
- (Visit 3:11) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:12) Warning (Form): Data Excess over lower threshold
- (Visit 3:12) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:13) Warning (Form): Data Excess over lower threshold
- (Visit 3:13) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:14) Warning (Form): Data Excess over lower threshold
- (Visit 3:14) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:15) Warning (Form): Data Excess over lower threshold
- (Visit 3:15) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:16) Warning (Form): Data Excess over lower threshold
- (Visit 3:16) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:17) Warning (Form): Data Excess over lower threshold
- (Visit 3:17) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:18) Warning (Form): Data Excess over lower threshold
- (Visit 3:18) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:19) Warning (Form): Data Excess over lower threshold
- (Visit 3:19) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:20) Warning (Form): Data Excess over lower threshold
- (Visit 3:20) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:21) Warning (Form): Data Excess over lower threshold
- (Visit 3:21) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:22) Warning (Form): Data Excess over lower threshold
- (Visit 3:22) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 3:23) Warning (Form): Data Excess over lower threshold
- (Visit 3:23) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Proposal 7814 - Observation 3 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Im...

	(Visit 3:24) Warning (Form): Data Excess over lower threshold										
	(Visit 3:24) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(3)	COSMOS-1	RA: 10 00 43.3155 (150.1804812d) Dec: +02 24 2.42 (2.40067d) Equinox: J2000								
	<i>Comments:</i> Category=Galaxy Description=[Emission line galaxies, High-redshift galaxies]										
Template	MIRI Imaging					NIRCam Imaging					
	Subarray: FULL					Module: ALL Subarray: FULL					
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order				
	3	8	0.0	0.0	0.0	24.0	DEFAULT				
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size	
	1	3-POINT-MIRI-F1800W-WITH-NIRCam								DEFAULT	
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	F1280W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	2	F1280W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	3	F1500W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	4	F1500W	FASTR1	58	2	1	Dither 1	3	6	974.039	
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	F140M	F250M	SHALLOW4	6	1	3	3	934.099		
	2	F162M+F150W2	F300M	SHALLOW4	6	1	3	3	934.099		
	3	F182M	F360M	SHALLOW4	6	1	3	3	934.099		
	4	F210M	F460M	SHALLOW4	6	1	3	3	934.099		
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 112.83544897 to 112.83544897 Degrees (V3 108.0 to 108.0) Visits Same PA No Parallel Attachments										

Observation	<p>Proposal 7814, Observation 4: COSMOS-2 MosaicWed May 27 00:00:24 GMT 2026</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: MIRI Imaging</p> <p>Coordinated Parallel Template(s): NIRCам Imaging</p>
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Diagnosics

- (Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:2) Warning (Form): Data Excess over lower threshold
- (Visit 4:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:3) Warning (Form): Data Excess over lower threshold
- (Visit 4:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:4) Warning (Form): Data Excess over lower threshold
- (Visit 4:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:5) Warning (Form): Data Excess over lower threshold
- (Visit 4:5) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:6) Warning (Form): Data Excess over lower threshold
- (Visit 4:6) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:7) Warning (Form): Data Excess over lower threshold
- (Visit 4:7) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:8) Warning (Form): Data Excess over lower threshold
- (Visit 4:8) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:9) Warning (Form): Data Excess over lower threshold
- (Visit 4:9) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:10) Warning (Form): Data Excess over lower threshold
- (Visit 4:10) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:11) Warning (Form): Data Excess over lower threshold
- (Visit 4:11) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:12) Warning (Form): Data Excess over lower threshold
- (Visit 4:12) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:13) Warning (Form): Data Excess over lower threshold
- (Visit 4:13) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:14) Warning (Form): Data Excess over lower threshold
- (Visit 4:14) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:15) Warning (Form): Data Excess over lower threshold
- (Visit 4:15) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:16) Warning (Form): Data Excess over lower threshold
- (Visit 4:16) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:17) Warning (Form): Data Excess over lower threshold
- (Visit 4:17) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:18) Warning (Form): Data Excess over lower threshold
- (Visit 4:18) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:19) Warning (Form): Data Excess over lower threshold
- (Visit 4:19) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:20) Warning (Form): Data Excess over lower threshold
- (Visit 4:20) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:21) Warning (Form): Data Excess over lower threshold
- (Visit 4:21) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:22) Warning (Form): Data Excess over lower threshold
- (Visit 4:22) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 4:23) Warning (Form): Data Excess over lower threshold
- (Visit 4:23) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Proposal 7814 - Observation 4 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Im...

	(Visit 4:24) Warning (Form): Data Excess over lower threshold									
	(Visit 4:24) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
	(Visit 4:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:2) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:3) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:4) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:5) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:6) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:7) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
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	(Visit 4:11) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:12) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:13) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:14) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:15) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:16) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:17) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:18) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
	(Visit 4:19) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
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	(Visit 4:24) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.									
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous		
	(4)	COSMOS-2	RA: 10 00 17.1634 (150.0715142d) Dec: +02 15 48.89 (2.26358d) Equinox: J2000							
	<i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i>									
Template	MIRI Imaging					NIRCam Imaging				
	Subarray: FULL					Module: ALL Subarray: FULL				
Mosaic	Rows	Columns	Row Overlap %		Column Overlap %		Row shift (deg)		Column shift (deg)	
	3	8	0.0		0.0		0.0		28.0	
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
	1	3-POINT-MIRI-F1800W-WITH-NIRCam								DEFAULT

Proposal 7814 - Observation 4 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Im...

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	F1280W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	2	F1280W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	3	F1500W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	4	F1500W	FASTR1	58	2	1	Dither 1	3	6	974.039	
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	F140M	F250M	SHALLOW4	6	1	3	3	934.099		
	2	F162M+F150W2	F300M	SHALLOW4	6	1	3	3	934.099		
	3	F182M	F360M	SHALLOW4	6	1	3	3	934.099		
	4	F210M	F460M	SHALLOW4	6	1	3	3	934.099		
Special Requirements	Group Visits within 53.0 Days Aperture PA Range 296.83544897 to 296.83544897 Degrees (V3 292.0 to 292.0) Visits Same PA No Parallel Attachments										

Observation	Proposal 7814, Observation 43: GOODS-N: NIRCam+MIRI F1 Diagnostic Status: Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																																																	
	(GOODS-N: NIRCam+MIRI F1 (Obs 43)) 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 43:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																	
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th colspan="4">Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(41)</td> <td>GOODS-N-MEDIUM01</td> <td>RA: 12 36 43.0208 (189.1792533d) Dec: +62 16 29.53 (62.27487d) Equinox: J2000</td> <td colspan="4">Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000</td> <td></td> </tr> <tr> <td colspan="7"> <i>Comments:</i> Category=Galaxy Description=[Emission line galaxies, High-redshift galaxies] Extended=YES </td> <td></td> </tr> </tbody> </table>											#	Name	Target Coordinates	Targ. Coord. Corrections				Miscellaneous	(41)	GOODS-N-MEDIUM01	RA: 12 36 43.0208 (189.1792533d) Dec: +62 16 29.53 (62.27487d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000					<i>Comments:</i> Category=Galaxy Description=[Emission line galaxies, High-redshift galaxies] Extended=YES																																						
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Template	NIRCam Imaging					MIRI Imaging																																																												
	Module: ALL Subarray: FULL Target Placement: Module gap (large extended source)					Subarray: FULL																																																												
Dithers	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Dither Type</th> <th>Primary Dithers</th> <th>Dither Size</th> <th>Subpixel Positions</th> <th>Coordinated Parallel Subpixel Selector</th> <th>Dither Direct Images Primes</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>INTRAMODULEX</td> <td>2</td> <td></td> <td>1</td> <td>2-POINT-WITH-MIRI-F1800W</td> <td>NO_DITHERING</td> </tr> </tbody> </table>											#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes	1	INTRAMODULEX	2		1	2-POINT-WITH-MIRI-F1800W	NO_DITHERING																																									
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1	INTRAMODULEX	2		1	2-POINT-WITH-MIRI-F1800W	NO_DITHERING																																																												
Spectral Elements	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th> <th>Short Filter</th> <th>Long Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Dithers</th> <th>Total Exposure Time</th> <th>Optional ETC ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>F162M+F150W2</td> <td>F300M</td> <td>SHALLOW4</td> <td>9</td> <td>1</td> <td>4</td> <td>4</td> <td>1889.672</td> <td></td> </tr> <tr> <td>2</td> <td>F140M</td> <td>F250M</td> <td>SHALLOW4</td> <td>9</td> <td>1</td> <td>4</td> <td>4</td> <td>1889.672</td> <td></td> </tr> <tr> <td>3</td> <td>F182M</td> <td>F360M</td> <td>SHALLOW4</td> <td>9</td> <td>1</td> <td>4</td> <td>4</td> <td>1889.672</td> <td></td> </tr> <tr> <td>4</td> <td>F210M</td> <td>F460M</td> <td>SHALLOW4</td> <td>9</td> <td>1</td> <td>4</td> <td>4</td> <td>1889.672</td> <td></td> </tr> </tbody> </table>											NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID	1	F162M+F150W2	F300M	SHALLOW4	9	1	4	4	1889.672		2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		3	F182M	F360M	SHALLOW4	9	1	4	4	1889.672		4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672						
	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID																																																								
	1	F162M+F150W2	F300M	SHALLOW4	9	1	4	4	1889.672																																																									
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672																																																									
	3	F182M	F360M	SHALLOW4	9	1	4	4	1889.672																																																									
4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672																																																										
Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Exposures/Dith</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>Optional ETC ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>F1500W</td> <td>SLOWR1</td> <td>19</td> <td>1</td> <td>1</td> <td></td> <td>4</td> <td>4</td> <td>1815.634</td> <td></td> </tr> <tr> <td>2</td> <td>F1500W</td> <td>SLOWR1</td> <td>19</td> <td>1</td> <td>1</td> <td></td> <td>4</td> <td>4</td> <td>1815.634</td> <td></td> </tr> <tr> <td>3</td> <td>F1800W</td> <td>SLOWR1</td> <td>19</td> <td>1</td> <td>1</td> <td></td> <td>4</td> <td>4</td> <td>1815.634</td> <td></td> </tr> <tr> <td>4</td> <td>F1800W</td> <td>SLOWR1</td> <td>19</td> <td>1</td> <td>1</td> <td></td> <td>4</td> <td>4</td> <td>1815.634</td> <td></td> </tr> </tbody> </table>											MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID	1	F1500W	SLOWR1	19	1	1		4	4	1815.634		2	F1500W	SLOWR1	19	1	1		4	4	1815.634		3	F1800W	SLOWR1	19	1	1		4	4	1815.634		4	F1800W	SLOWR1	19	1	1		4	4	1815.634	
	MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID																																																							
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4	F1800W	SLOWR1	19	1	1		4	4	1815.634																																																									

Special Requirements

Aperture PA Range 240.92542306 to 240.92542306 Degrees (V3 241.0 to 241.0)
No Parallel Attachments

Observation	Proposal 7814, Observation 44: GOODS-N: NIRCcam+MIRI F2 Diagnostic Status: Warning Observing Template: NIRCcam Imaging Coordinated Parallel Template(s): MIRI Imaging										
	(GOODS-N: NIRCcam+MIRI F2 (Obs 44)) 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 44:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(42)	GOODS-N-MEDIUM02	RA: 12 36 27.1723 (189.1132179d) Dec: +62 15 26.85 (62.25746d) Equinox: J2000			Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000					
<i>Comments:</i> Category=Galaxy Description=[Emission line galaxies, High-redshift galaxies] Extended=YES											
Template	NIRCcam Imaging					MIRI Imaging					
	Module: ALL Subarray: FULL Target Placement: Module gap (large extended source)					Subarray: FULL					
Dithers	#	Primary Dither Type		Primary Dithers	Dither Size	Subpixel Positions		Coordinated Parallel Subpixel Selector		Dither Direct Images Primes	
	1	INTRAMODULEX		2		1		2-POINT-WITH-MIRI-F1800W		NO_DITHERING	
Spectral Elements	NIRCcam Imaging Short Filter Long Filter Readout Pattern Groups/Int Integrations/Exp Total Integrations Total Dithers Total Exposure Time Optional ETC ID										
	1	F162M+F150W2		F300M	SHALLOW4	9	1	4	4	1889.672	
	2	F140M		F250M	SHALLOW4	9	1	4	4	1889.672	
	3	F182M		F360M	SHALLOW4	9	1	4	4	1889.672	
	4	F210M		F460M	SHALLOW4	9	1	4	4	1889.672	
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	F1500W	SLOWR1	19	1	1		4	4	1815.634	
	2	F1500W	SLOWR1	19	1	1		4	4	1815.634	
	3	F1800W	SLOWR1	19	1	1		4	4	1815.634	
	4	F1800W	SLOWR1	19	1	1		4	4	1815.634	

Proposal 7814 - Observation 44 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Special Requirements

Aperture PA Range 240.92542306 to 240.92542306 Degrees (V3 241.0 to 241.0)
No Parallel Attachments

Observation	Proposal 7814, Observation 45: GOODS-N: NIRCam+MIRI F3 Diagnostic Status: Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																																																	
	(GOODS-N: NIRCam+MIRI F3 (Obs 45)) 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 45:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																	
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(43)</td> <td>GOODS-N-MEDIUM03</td> <td>RA: 12 36 11.1715 (189.0465479d) Dec: +62 15 39.62 (62.26101d) Equinox: J2000</td> <td>Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000</td> <td></td> </tr> </tbody> </table> <p><i>Comments:</i> <i>Category=Galaxy</i> <i>Description=[Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i></p>											#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(43)	GOODS-N-MEDIUM03	RA: 12 36 11.1715 (189.0465479d) Dec: +62 15 39.62 (62.26101d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000																																														
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(43)	GOODS-N-MEDIUM03	RA: 12 36 11.1715 (189.0465479d) Dec: +62 15 39.62 (62.26101d) Equinox: J2000	Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000																																																															
<table border="1"> <thead> <tr> <th colspan="5">NIRCam Imaging</th> <th colspan="2">MIRI Imaging</th> </tr> </thead> <tbody> <tr> <td colspan="5">Module: ALL</td> <td colspan="2">Subarray: FULL</td> </tr> <tr> <td colspan="5">Subarray: FULL</td> <td colspan="2"></td> </tr> <tr> <td colspan="7">Target Placement: Module gap (large extended source)</td> </tr> </tbody> </table>											NIRCam Imaging					MIRI Imaging		Module: ALL					Subarray: FULL		Subarray: FULL							Target Placement: Module gap (large extended source)																																		
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Special Requirements

Aperture PA Range 240.92542306 to 240.92542306 Degrees (V3 241.0 to 241.0)
No Parallel Attachments

Observation	Proposal 7814, Observation 46: GOODS-N: NIRCam+MIRI F4 Diagnostic Status: Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging										
	(GOODS-N: NIRCam+MIRI F4 (Obs 46)) 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 46:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(44)	GOODS-N-MEDIUM04	RA: 12 37 6.5200 (189.2771667d) Dec: +62 12 16.62 (62.20462d) Equinox: J2000			Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000					
<i>Comments:</i> Category=Galaxy Description=[Emission line galaxies, High-redshift galaxies] Extended=YES											
Template	NIRCam Imaging					MIRI Imaging					
	Module: ALL Subarray: FULL Target Placement: Module gap (large extended source)					Subarray: FULL					
Dithers	#	Primary Dither Type		Primary Dithers	Dither Size	Subpixel Positions		Coordinated Parallel Subpixel Selector		Dither Direct Images Primes	
	1	INTRAMODULEX		2		1		2-POINT-WITH-MIRI-F1800W		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	F162M+F150W2		F300M	SHALLOW4	9	1	4	4	1889.672	
	2	F140M		F250M	SHALLOW4	9	1	4	4	1889.672	
	3	F182M		F360M	SHALLOW4	9	1	4	4	1889.672	
	4	F210M		F460M	SHALLOW4	9	1	4	4	1889.672	
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	F1500W	SLOWR1	19	1	1		4	4	1815.634	
	2	F1500W	SLOWR1	19	1	1		4	4	1815.634	
	3	F1800W	SLOWR1	19	1	1		4	4	1815.634	
	4	F1800W	SLOWR1	19	1	1		4	4	1815.634	

Special Requirements

Aperture PA Range 240.92542306 to 240.92542306 Degrees (V3 241.0 to 241.0)
No Parallel Attachments

Observation	Proposal 7814, Observation 47: GOODS-N: NIRCam+MIRI F5 Diagnostic Status: Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging										
	(GOODS-N: NIRCam+MIRI F5 (Obs 47)) 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 47:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(45)	GOODS-N-MEDIUM05	RA: 12 36 49.1715 (189.2048812d) Dec: +62 11 21.62 (62.18934d) Equinox: J2000			Proper Motion RA: 0.0 mas/yr Proper Motion Dec: 0.0 mas/yr Parallax: 0.0" Epoch of Position: 2000					
<i>Comments:</i> Category=Galaxy Description=[Emission line galaxies, High-redshift galaxies] Extended=YES											
Template	NIRCam Imaging					MIRI Imaging					
	Module: ALL Subarray: FULL Target Placement: Module gap (large extended source)					Subarray: FULL					
Dithers	#	Primary Dither Type		Primary Dithers	Dither Size	Subpixel Positions		Coordinated Parallel Subpixel Selector		Dither Direct Images Primes	
	1	INTRAMODULEX		2		1		2-POINT-WITH-MIRI-F1800W		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	F162M+F150W2		F300M	SHALLOW4	9	1	4	4	1889.672	
	2	F140M		F250M	SHALLOW4	9	1	4	4	1889.672	
	3	F182M		F360M	SHALLOW4	9	1	4	4	1889.672	
	4	F210M		F460M	SHALLOW4	9	1	4	4	1889.672	
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	F1500W	SLOWR1	19	1	1		4	4	1815.634	
	2	F1500W	SLOWR1	19	1	1		4	4	1815.634	
	3	F1800W	SLOWR1	19	1	1		4	4	1815.634	
	4	F1800W	SLOWR1	19	1	1		4	4	1815.634	

Special Requirements

Aperture PA Range 240.92542306 to 240.92542306 Degrees (V3 241.0 to 241.0)
No Parallel Attachments

Observation	Proposal 7814, Observation 48: GOODS-N: NIRCam+MIRI F6 Diagnostic Status: Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																																																	
	(GOODS-N: NIRCam+MIRI F6 (Obs 48)) 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 48:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																	
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Special Requirements

Aperture PA Range 240.92542306 to 240.92542306 Degrees (V3 241.0 to 241.0)
No Parallel Attachments

Observation	Proposal 7814, Observation 49: GOODS-N: NIRCam+MIRI F7																																																																	
	Diagnostic Status: Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): MIRI Imaging																																																																	
Diagnostics	(GOODS-N: NIRCam+MIRI F7 (Obs 49)) 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 49:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																	
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	#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes																																																											
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Spectral Elements	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th> <th>Short Filter</th> <th>Long Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Dithers</th> <th>Total Exposure Time</th> <th>Optional ETC ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>F162M+F150W2</td> <td>F300M</td> <td>SHALLOW4</td> <td>9</td> <td>1</td> <td>4</td> <td>4</td> <td>1889.672</td> <td></td> </tr> <tr> <td>2</td> <td>F140M</td> <td>F250M</td> <td>SHALLOW4</td> <td>9</td> <td>1</td> <td>4</td> <td>4</td> <td>1889.672</td> <td></td> </tr> <tr> <td>3</td> <td>F182M</td> <td>F360M</td> <td>SHALLOW4</td> <td>9</td> <td>1</td> <td>4</td> <td>4</td> <td>1889.672</td> <td></td> </tr> <tr> <td>4</td> <td>F210M</td> <td>F460M</td> <td>SHALLOW4</td> <td>9</td> <td>1</td> <td>4</td> <td>4</td> <td>1889.672</td> <td></td> </tr> </tbody> </table>											NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID	1	F162M+F150W2	F300M	SHALLOW4	9	1	4	4	1889.672		2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		3	F182M	F360M	SHALLOW4	9	1	4	4	1889.672		4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672						
	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID																																																								
	1	F162M+F150W2	F300M	SHALLOW4	9	1	4	4	1889.672																																																									
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672																																																									
	3	F182M	F360M	SHALLOW4	9	1	4	4	1889.672																																																									
4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672																																																										
Spectral Elements	<table border="1"> <thead> <tr> <th>MIRI Imaging</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Exposures/Dith</th> <th>Dither</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>Optional ETC ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>F1500W</td> <td>SLOWR1</td> <td>19</td> <td>1</td> <td>1</td> <td></td> <td>4</td> <td>4</td> <td>1815.634</td> <td></td> </tr> <tr> <td>2</td> <td>F1500W</td> <td>SLOWR1</td> <td>19</td> <td>1</td> <td>1</td> <td></td> <td>4</td> <td>4</td> <td>1815.634</td> <td></td> </tr> <tr> <td>3</td> <td>F1800W</td> <td>SLOWR1</td> <td>19</td> <td>1</td> <td>1</td> <td></td> <td>4</td> <td>4</td> <td>1815.634</td> <td></td> </tr> <tr> <td>4</td> <td>F1800W</td> <td>SLOWR1</td> <td>19</td> <td>1</td> <td>1</td> <td></td> <td>4</td> <td>4</td> <td>1815.634</td> <td></td> </tr> </tbody> </table>											MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID	1	F1500W	SLOWR1	19	1	1		4	4	1815.634		2	F1500W	SLOWR1	19	1	1		4	4	1815.634		3	F1800W	SLOWR1	19	1	1		4	4	1815.634		4	F1800W	SLOWR1	19	1	1		4	4	1815.634	
	MIRI Imaging	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID																																																							
	1	F1500W	SLOWR1	19	1	1		4	4	1815.634																																																								
	2	F1500W	SLOWR1	19	1	1		4	4	1815.634																																																								
	3	F1800W	SLOWR1	19	1	1		4	4	1815.634																																																								
4	F1800W	SLOWR1	19	1	1		4	4	1815.634																																																									

Special Requirements

Aperture PA Range 240.92542306 to 240.92542306 Degrees (V3 241.0 to 241.0)
No Parallel Attachments

Observation	Proposal 7814, Observation 24: AEGIS1: MIRI+NIRCam Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 24:1) Warning (Form): Data Excess over lower threshold (Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(23)	AEGISMIRI1	RA: 14 20 38.6990 (215.1612458d) Dec: +53 03 5.58 (53.05155d) Equinox: J2000								
<i>Comments:</i> 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	4-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	Optional ETC ID
	1	F560W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	2	F560W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	3	F560W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	4	F560W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
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	F162M+F150W2	F250M	SHALLOW4	9	1	4	4	1889.672		
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		
	3	F182M	F460M	SHALLOW4	9	1	4	4	1889.672		
	4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672		

Special Requirements

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

Observation	Proposal 7814, Observation 25: AEGIS2: MIRI+NIRCam Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 25:1) Warning (Form): Data Excess over lower threshold (Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Diagnosics											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(24)	AEGISMIRI2	RA: 14 20 17.2988 (215.0720783d) Dec: +52 59 16.67 (52.98796d) Equinox: J2000								
<i>Comments:</i> 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	4-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	Optional ETC ID
	1	F560W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	2	F560W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	3	F560W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	4	F560W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
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	F162M+F150W2	F250M	SHALLOW4	9	1	4	4	1889.672		
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		
	3	F182M	F460M	SHALLOW4	9	1	4	4	1889.672		
	4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672		

Proposal 7814 - Observation 25 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Special Requirements

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

Observation	Proposal 7814, Observation 26: AEGIS3: MIRI+NIRCam Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 26:1) Warning (Form): Data Excess over lower threshold (Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(25)	AEGISMIRI3	RA: 14 19 55.2317 (214.9801321d) Dec: +52 55 29.38 (52.92483d) Equinox: J2000								
<i>Comments:</i> 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	4-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	Optional ETC ID
	1	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	2	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	3	F1500W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	4	F1500W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
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	F162M+F150W2	F250M	SHALLOW4	9	1	4	4	1889.672		
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		
	3	F182M	F460M	SHALLOW4	9	1	4	4	1889.672		
	4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672		

Special Requirements

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

Observation	Proposal 7814, Observation 27: AEGIS4: MIRI+NIRCam Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 27:1) Warning (Form): Data Excess over lower threshold (Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(26)	AEGISMIRI4	RA: 14 19 44.5477 (214.9356154d) Dec: +52 50 31.08 (52.84197d) Equinox: J2000								
<i>Comments:</i> 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	4-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	Optional ETC ID
	1	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	2	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	3	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
	4	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
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	F162M+F150W2	F250M	SHALLOW4	9	1	4	4	1889.672		
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		
	3	F182M	F460M	SHALLOW4	9	1	4	4	1889.672		
	4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672		

Proposal 7814 - Observation 27 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Special Requirements

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

Observation	Proposal 7814, Observation 28: AEGIS5: MIRI+NIRCam Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 28:1) Warning (Form): Data Excess over lower threshold (Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(27)	AEGISMIRI5	RA: 14 20 28.5329 (215.1188871d) Dec: +52 58 2.19 (52.96728d) Equinox: J2000								
<i>Comments:</i> 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	4-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	Optional ETC ID
	1	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	2	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	3	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
	4	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
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	F162M+F150W2	F250M	SHALLOW4	9	1	4	4	1889.672		
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		
	3	F182M	F460M	SHALLOW4	9	1	4	4	1889.672		
	4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672		

Proposal 7814 - Observation 28 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Special Requirements

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

Observation	Proposal 7814, Observation 29: AEGIS6: MIRI+NIRCam Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 29:1) Warning (Form): Data Excess over lower threshold (Visit 29:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Diagnosics											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(28)	AEGISMIRI6	RA: 14 20 7.7734 (215.0323892d) Dec: +52 54 22.46 (52.90624d) Equinox: J2000								
Template	<i>Comments:</i> Category=Galaxy Description=[Emission line galaxies, High-redshift galaxies, Lyman-break galaxies, Primordial galaxies] Extended=NO										
	MIRI Imaging Subarray: FULL					NIRCam Imaging Module: ALL Subarray: FULL					
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size	
	1	4-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	Optional ETC ID
	1	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	2	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	3	F1500W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	4	F1500W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
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	F162M+F150W2	F250M	SHALLOW4	9	1	4	4	1889.672		
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		
	3	F182M	F460M	SHALLOW4	9	1	4	4	1889.672		
	4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672		

Proposal 7814 - Observation 29 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Special Requirements

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

Observation	Proposal 7814, Observation 30: AEGIS7: MIRI+NIRCam Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 30:1) Warning (Form): Data Excess over lower threshold (Visit 30:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(29)	AEGISMIRI7	RA: 14 21 8.3402 (215.2847508d) Dec: +53 01 36.38 (53.02677d) Equinox: J2000								
<i>Comments:</i> 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	4-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	Optional ETC ID
	1	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	2	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	3	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
	4	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
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	F162M+F150W2	F250M	SHALLOW4	9	1	4	4	1889.672		
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		
	3	F182M	F460M	SHALLOW4	9	1	4	4	1889.672		
	4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672		

Special Requirements

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

Proposal 7814 - Observation 31 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Wed May 27 00:00:24 GMT 2026

Observation	Proposal 7814, Observation 31: AEGIS8: MIRI+NIRCam Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 31:1) Warning (Form): Data Excess over lower threshold (Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(30)	AEGISMIRI8	RA: 14 20 46.0145 (215.1917271d) Dec: +52 57 46.26 (52.96285d) Equinox: J2000								
<i>Comments:</i> 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	4-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	Optional ETC ID
	1	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	2	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	3	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
	4	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
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	F162M+F150W2	F250M	SHALLOW4	9	1	4	4	1889.672		
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		
	3	F182M	F460M	SHALLOW4	9	1	4	4	1889.672		
	4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672		

Proposal 7814 - Observation 31 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Special Requirements

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

Observation	Proposal 7814, Observation 32: AEGIS9: MIRI+NIRCam Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 32:1) Warning (Form): Data Excess over lower threshold (Visit 32:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(31)	AEGISMIRI9	RA: 14 20 23.5990 (215.0983292d) Dec: +52 54 0.42 (52.90012d) Equinox: J2000								
<i>Comments:</i> 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	4-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	Optional ETC ID
	1	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	2	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	3	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
	4	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
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	F162M+F150W2	F250M	SHALLOW4	9	1	4	4	1889.672		
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		
	3	F182M	F460M	SHALLOW4	9	1	4	4	1889.672		
	4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672		

Special Requirements

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

Proposal 7814 - Observation 33 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Wed May 27 00:00:24 GMT 2026

Observation	Proposal 7814, Observation 33: AEGIS10: MIRI+NIRCam Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 33:1) Warning (Form): Data Excess over lower threshold (Visit 33:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(32)	AEGISMIRI10	RA: 14 20 1.3852 (215.0057717d) Dec: +52 50 14.66 (52.83741d) Equinox: J2000								
<i>Comments:</i> 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	4-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	Optional ETC ID
	1	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	2	F1280W	FASTR1	87	2	1	Dither 1	4	8	1942.528	
	3	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
	4	F1800W	FASTR1	58	3	1	Dither 1	4	12	1953.628	
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	F162M+F150W2	F250M	SHALLOW4	9	1	4	4	1889.672		
	2	F140M	F250M	SHALLOW4	9	1	4	4	1889.672		
	3	F182M	F460M	SHALLOW4	9	1	4	4	1889.672		
	4	F210M	F460M	SHALLOW4	9	1	4	4	1889.672		

Proposal 7814 - Observation 33 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Special Requirements

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

Observation

Proposal 7814, Observation 1: UDS-1 Mosaic

Wed May 27 00:00:24 GMT 2026

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Coordinated Parallel Template(s): NIRCам Imaging

Diagnostics

- (Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:2) Warning (Form): Data Excess over lower threshold
- (Visit 1:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:3) Warning (Form): Data Excess over lower threshold
- (Visit 1:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:4) Warning (Form): Data Excess over lower threshold
- (Visit 1:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:5) Warning (Form): Data Excess over lower threshold
- (Visit 1:5) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:6) Warning (Form): Data Excess over lower threshold
- (Visit 1:6) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:7) Warning (Form): Data Excess over lower threshold
- (Visit 1:7) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:8) Warning (Form): Data Excess over lower threshold
- (Visit 1:8) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:9) Warning (Form): Data Excess over lower threshold
- (Visit 1:9) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:10) Warning (Form): Data Excess over lower threshold
- (Visit 1:10) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:11) Warning (Form): Data Excess over lower threshold
- (Visit 1:11) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:12) Warning (Form): Data Excess over lower threshold
- (Visit 1:12) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:13) Warning (Form): Data Excess over lower threshold
- (Visit 1:13) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:14) Warning (Form): Data Excess over lower threshold
- (Visit 1:14) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:15) Warning (Form): Data Excess over lower threshold
- (Visit 1:15) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:16) Warning (Form): Data Excess over lower threshold
- (Visit 1:16) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:17) Warning (Form): Data Excess over lower threshold
- (Visit 1:17) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:18) Warning (Form): Data Excess over lower threshold
- (Visit 1:18) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:19) Warning (Form): Data Excess over lower threshold
- (Visit 1:19) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:20) Warning (Form): Data Excess over lower threshold
- (Visit 1:20) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:21) Warning (Form): Data Excess over lower threshold
- (Visit 1:21) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:22) Warning (Form): Data Excess over lower threshold
- (Visit 1:22) Warning (Form): Overheads are provisional until the Visit Planner has been run.
- (Visit 1:23) Warning (Form): Data Excess over lower threshold
- (Visit 1:23) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Proposal 7814 - Observation 1 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Im...

	(Visit 1:24) Warning (Form): Data Excess over lower threshold (Visit 1:24) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:25) Warning (Form): Data Excess over lower threshold (Visit 1:25) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:26) Warning (Form): Data Excess over lower threshold (Visit 1:26) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 1:27) Warning (Form): Data Excess over lower threshold (Visit 1:27) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(1)	UDS-1	RA: 02 17 26.4663 (34.3602762d) Dec: -05 07 50.72 (-5.13076d) Equinox: J2000								
	Comments: Category=Galaxy Description=[Emission line galaxies, High-redshift galaxies]										
Template	MIRI Imaging					NIRCam Imaging					
	Subarray: FULL					Module: ALL Subarray: FULL					
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order				
	9	3	0.0	0.0	14.6	0.0	HILBERT_CURVE				
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size	
	1	3-POINT-MIRI-F1800W-WITH-NIRCam								DEFAULT	
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	F1280W	FASTR1	45	3	1	Dither 1	3	9	1140.541	
	2	F1280W	FASTR1	45	3	1	Dither 1	3	9	1140.541	
	3	F1500W	FASTR1	45	3	1	Dither 1	3	9	1140.541	
	4	F1500W	FASTR1	45	3	1	Dither 1	3	9	1140.541	
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	F140M	F250M	SHALLOW4	7	1	3	3	1095.151		
	2	F162M+F150W2	F300M	SHALLOW4	7	1	3	3	1095.151		
	3	F182M	F360M	SHALLOW4	7	1	3	3	1095.151		
	4	F210M	F460M	SHALLOW4	7	1	3	3	1095.151		

Proposal 7814 - Observation 1 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Im...

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 74.83544897 to 74.83544897 Degrees (V3 70.0 to 70.0)
Visits Same PA
No Parallel Attachments

Observation	<p>Proposal 7814, Observation 2: UDS-2 Mosaic Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCам Imaging</p>
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Diagnostics

(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:2) Warning (Form): Data Excess over lower threshold
 (Visit 2:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:3) Warning (Form): Data Excess over lower threshold
 (Visit 2:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:4) Warning (Form): Data Excess over lower threshold
 (Visit 2:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:5) Warning (Form): Data Excess over lower threshold
 (Visit 2:5) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:6) Warning (Form): Data Excess over lower threshold
 (Visit 2:6) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:7) Warning (Form): Data Excess over lower threshold
 (Visit 2:7) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:8) Warning (Form): Data Excess over lower threshold
 (Visit 2:8) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:9) Warning (Form): Data Excess over lower threshold
 (Visit 2:9) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:10) Warning (Form): Data Excess over lower threshold
 (Visit 2:10) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:11) Warning (Form): Data Excess over lower threshold
 (Visit 2:11) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:12) Warning (Form): Data Excess over lower threshold
 (Visit 2:12) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:13) Warning (Form): Data Excess over lower threshold
 (Visit 2:13) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:14) Warning (Form): Data Excess over lower threshold
 (Visit 2:14) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:15) Warning (Form): Data Excess over lower threshold
 (Visit 2:15) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:16) Warning (Form): Data Excess over lower threshold
 (Visit 2:16) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:17) Warning (Form): Data Excess over lower threshold
 (Visit 2:17) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:18) Warning (Form): Data Excess over lower threshold
 (Visit 2:18) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:19) Warning (Form): Data Excess over lower threshold
 (Visit 2:19) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:20) Warning (Form): Data Excess over lower threshold
 (Visit 2:20) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:21) Warning (Form): Data Excess over lower threshold
 (Visit 2:21) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:22) Warning (Form): Data Excess over lower threshold
 (Visit 2:22) Warning (Form): Overheads are provisional until the Visit Planner has been run.
 (Visit 2:23) Warning (Form): Data Excess over lower threshold
 (Visit 2:23) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Proposal 7814 - Observation 2 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Im...

	(Visit 2:24) Warning (Form): Data Excess over lower threshold (Visit 2:24) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 2:25) Warning (Form): Data Excess over lower threshold (Visit 2:25) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 2:26) Warning (Form): Data Excess over lower threshold (Visit 2:26) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 2:27) Warning (Form): Data Excess over lower threshold (Visit 2:27) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(2)	UDS-2	RA: 02 17 30.6663 (34.3777762d) Dec: -05 16 16.12 (-5.27114d) Equinox: J2000								
	Comments: Category=Galaxy Description=[Emission line galaxies, High-redshift galaxies]										
Template	MIRI Imaging					NIRCam Imaging					
	Subarray: FULL					Module: ALL Subarray: FULL					
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order				
	9	3	0.0	0.0	14.6	0.0	HILBERT_CURVE				
Dithers	#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size	
	1	3-POINT-MIRI-F1800W-WITH-NIRCam								DEFAULT	
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	F1280W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	2	F1280W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	3	F1500W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	4	F1500W	FASTR1	58	2	1	Dither 1	3	6	974.039	
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	F140M	F250M	SHALLOW4	6	1	3	3	934.099		
	2	F162M+F150W2	F300M	SHALLOW4	6	1	3	3	934.099		
	3	F182M	F360M	SHALLOW4	6	1	3	3	934.099		
	4	F210M	F460M	SHALLOW4	6	1	3	3	934.099		

Proposal 7814 - Observation 2 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's Im...

Special Requirements

Group Visits within 53.0 Days
Aperture PA Range 254.93544897 to 254.93544897 Degrees (V3 250.1 to 250.1)
Visits Same PA
No Parallel Attachments

Proposal 7814 - Observation 50 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Wed May 27 00:00:24 GMT 2026

Observation	Proposal 7814, Observation 50: UDS-2 Mosaic Repeat of Tile-13 Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 50:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(50)	UDS-2-Tile-13	RA: 02 17 52.5519 (34.4689663d) Dec: -05 15 6.33 (-5.25176d) Equinox: J2000								
<i>Comments:</i> Category=Galaxy Description=[Emission line galaxies, High-redshift galaxies]											
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-F1800W-WITH-NIRCam								DEFAULT	
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	F1280W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	2	F1280W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	3	F1500W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	4	F1500W	FASTR1	58	2	1	Dither 1	3	6	974.039	
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	F140M	F250M	SHALLOW4	6	1	3	3	934.099		
	2	F162M+F150W2	F300M	SHALLOW4	6	1	3	3	934.099		
	3	F182M	F360M	SHALLOW4	6	1	3	3	934.099		
	4	F210M	F460M	SHALLOW4	6	1	3	3	934.099		

Special Requirements

Aperture PA Range 254.93544897 to 257.93544897 Degrees (V3 250.1 to 253.1)
No Parallel Attachments

Proposal 7814 - Observation 51 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Wed May 27 00:00:24 GMT 2026

Observation	Proposal 7814, Observation 51: UDS-2 Mosaic Copy of Tile-22 Diagnostic Status: Warning Observing Template: MIRI Imaging Coordinated Parallel Template(s): NIRCam Imaging										
	(Visit 51:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 51:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.										
Diagnosics											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(51)	UDS-2-Tile-22	RA: 02 17 46.2034 (34.4425142d) Dec: -05 16 16.20 (-5.27117d) Equinox: J2000								
Comments: Category=Galaxy Description=[Emission line galaxies, High-redshift galaxies]											
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-F1800W-WITH-NIRCam								DEFAULT	
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	F1280W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	2	F1280W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	3	F1500W	FASTR1	58	2	1	Dither 1	3	6	974.039	
	4	F1500W	FASTR1	58	2	1	Dither 1	3	6	974.039	
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	F140M	F250M	SHALLOW4	6	1	3	3	934.099		
	2	F162M+F150W2	F300M	SHALLOW4	6	1	3	3	934.099		
	3	F182M	F360M	SHALLOW4	6	1	3	3	934.099		
	4	F210M	F460M	SHALLOW4	6	1	3	3	934.099		

Proposal 7814 - Observation 51 - MINERVA: Unlocking the Hidden Gems of the Distant Universe and Completing HST and JWST's I...

Special Requirements

Aperture PA Range 254.93544897 to 258.93544897 Degrees (V3 250.1 to 254.1)
No Parallel Attachments