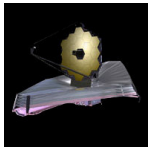

8559 - SPAM: Star-formation from Photometry through the Addition of Medium-bands

Cycle: 4, Proposal Category: GO

INVESTIGATORS

Name	*Institution*
Kelcey Davis (PI)	**University of Connecticut**
Rebecca Larson (CoI) (CoPI) (Contact)	Space Telescope Science Institute
Prof. Steven L. Finkelstein (CoI)	University of Texas at Austin
Dr. Jeyhan Kartaltepe (CoI)	Rochester Institute of Technology
Dr. Micaela Bagley (CoI)	NASA Goddard Space Flight Center
Dr. Taylor Alexandra Hutchison (CoI)	NASA Goddard Space Flight Center
Prof. Intae Jung (CoI)	Chungbuk National University
Dr. Pablo Arrabal Haro (CoI)	NASA Goddard Space Flight Center
Dr. Mark Dickinson (CoI)	NOIRLab - (AZ)
Dr. Casey Papovich (CoI)	Texas A & M University
Katherine Chworowsky (CoI)	University of Texas at Austin
Dr. Gene C K Leung (CoI)	Massachusetts Institute of Technology
Dr. Seiji Fujimoto (CoI) (CSA Member)	University of Toronto
Prof. Jonathan R Trump (CoI)	University of Connecticut
Prof. Caitlin M. Casey (CoI)	University of California - Santa Barbara
Eduardo Banados (CoI) (ESA Member)	Max Planck Institute for Astronomy
Dr. Henry C. Ferguson (CoI)	Space Telescope Science Institute
Dr. Dan Coe (CoI) (ESA Member)	Space Telescope Science Institute - ESA - JWST
Oscar Antonio Chavez Ortiz (CoI)	University of Texas at Austin
Prof. Mauro Giavalisco (CoI)	University of Massachusetts - Amherst
Dr. Norman Grogin (CoI)	Space Telescope Science Institute

Name	***Institution***
Dr. Nimish P. Hathi (CoI)	U.S. Patent and Trademark Office (USPTO)
Dr. Nikko J. Cleri (CoI)	The Pennsylvania State University
Bren Backhaus (CoI)	University of Kansas
Prof. Rachel S. Somerville (CoI)	Simons Foundation Center for Computational Astrophysics
Dr. Jaclyn Champagne (CoI)	Space Telescope Science Institute
Dr. Anthony J. Taylor (CoI)	University of Texas at Austin
Dr. Luca Costantin (CoI) (ESA Member)	Centro de Astrobiologia - CAB
Prof. Pablo G. Perez Gonzalez (CoI) (ESA Member)	Centro de Astrobiologia - CAB
Dr. Michaela Hirschmann (CoI) (ESA Member)	Ecole Polytechnique Federale de Lausanne
Dr. Yingjie Cheng (CoI)	University of Washington, Seattle
Dr. Ricardo Amorin (CoI) (ESA Member)	Instituto de Astrofisica de Andalucia (IAA)
Dr. Brittany Vanderhoof (CoI)	Space Telescope Science Institute
Ray A. Lucas (CoI)	Space Telescope Science Institute
Dr. Anton M. Koekemoer (CoI)	Space Telescope Science Institute
Dr. L. Y. Aaron Yung (CoI)	Space Telescope Science Institute
Madisyn Brooks (CoI)	University of Connecticut
Dr. Marc Huertas-Company (CoI) (ESA Member)	Instituto de Astrofisica de Canarias
Dr. Weida Hu (CoI)	Texas A & M University
Dr. Raymond Simons (CoI)	Providence College

OBSERVATIONS

Folder	***Observation***	***Label***	***Observing Template***	***Science Target***
Observation Folder				
	1	Pointing1	NIRCam Imaging	(1) POINTING1
	2	Pointing2	NIRCam Imaging	(2) POINTING2
	3	Pointing3	NIRCam Imaging	(3) POINTING3
	4	Pointing4	NIRCam Imaging	(4) POINTING4
	5	Pointing5	NIRCam Imaging	(5) POINTING5
	6	Pointing6	NIRCam Imaging	(6) POINTING6
	7	Pointing7	NIRCam Imaging	(7) POINTING7
	8	Pointing8	NIRCam Imaging	(8) POINTING8
	9	Pointing9	NIRCam Imaging	(9) POINTING9

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	10	Pointing10	NIRCam Imaging	(10) POINTING10

ABSTRACT

We propose SPAM (Star-formation from Photometry through the Addition of Medium-bands), a NIRCam imaging program to add ten new filters - nine medium band (MB) filters and one wide band (WB) filter (F070W, F140M, F162M F182M, F210M, F300M, F335M, F360M, F430M, and F480M) - to the CEERS Early-Release Science (ERS #1345) legacy dataset. SPAM is an efficient medium program which will have a large impact as it can simultaneously 1) measure the extent and occupation of two overdensities that may be powering the earliest-known reionized bubbles at z=7.7 and 8.7 by tracing strong [OIII] emission improving the photometric-redshift precision by 5-10X over CEERS alone, 2) provide necessary filters to break photometric redshift degeneracies and reliably map galaxy evolution at z>2, and 3) constrain star-formation histories of massive galaxies at z>4 by observing five short-wavelength MBs bracketing the Balmer break. Here, we propose 62.9 hours of non-proprietary NIRCam imaging adding to the public CEERS legacy data and enabling an even broader range of science for the entire community.

OBSERVING DESCRIPTION

Here, we describe the details behind our observations. 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 instrument and filter choice, the number of pointings, and depths. This proposal asks for a mosaic of 10 NIRCam imaging pointings covering the majority (~100 sq arcmin) of the Extended Groth Strip HST legacy field to match those of the CEERS Survey (ERS #1345). We thus require Position Angles of 131 or 113 to cover the same locations as the CEERS Survey.

We observe with 10 NIRCam filters in 10 NIRCam pointings, pairing these short and long-wavelength filters: F070W+F430M, F140M+F480M, F162M+F360M, F182M+F300M, F210M+F335M. We reach our desired sensitivity in 3349.87 sec of total integration time (1 exposure of 8 groups each in MEDIUM8 readout mode) for the F480M, F430M, and F360M (+F070W, F140M, and F162M) filters, 2920.401 sec of total integration time (1 exposure of 7 groups each in MEDIUM8 readout mode) for the F335M (+F210M) filters, and 2490.931 sec of total integration time (1 exposure of 6 groups each in MEDIUM8 readout mode) for the F300M (+F182M) filters to allow efficient cosmic ray rejection. We chose the INTRAMODULEBOX with four dithers to cover the chip gaps and provide uniform depth across the field of view.

We have considered the data volume rate for our planned observations and have verified that APT does not give any errors or warnings.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	POINTING1	RA: 14 19 56.1929 (214.9841371d) Dec: +52 58 38.78 (52.97744d) Equinox: J2000		
Comments: *Category=Unidentified* *Description=[Blank field]*				
(2)	POINTING2	RA: 14 19 34.8022 (214.8950092d) Dec: +52 54 50.35 (52.91399d) Equinox: J2000		
Comments: *Category=Unidentified* *Description=[Blank field]*				
(3)	POINTING3	RA: 14 19 12.6730 (214.8028042d) Dec: +52 51 3.54 (52.85098d) Equinox: J2000		
Comments: *Category=Unidentified* *Description=[Blank field]*				
(4)	POINTING4	RA: 14 19 2.0648 (214.7586033d) Dec: +52 46 6.85 (52.76857d) Equinox: J2000		
Comments: *Category=Unidentified* *Description=[Blank field]*				
(5)	POINTING5	RA: 14 19 46.0325 (214.9418021d) Dec: +52 53 37.64 (52.89379d) Equinox: J2000		
Comments: *Category=Unidentified* *Description=[Blank field]*				
(6)	POINTING6	RA: 14 19 25.2331 (214.8551379d) Dec: +52 49 55.98 (52.83222d) Equinox: J2000		
Comments: *Category=Unidentified* *Description=[Blank field]*				
(7)	POINTING7	RA: 14 20 25.7256 (215.1071900d) Dec: +52 57 12.26 (52.95341d) Equinox: J2000		
Comments: *Category=Unidentified* *Description=[Blank field]*				
(8)	POINTING8	RA: 14 20 3.4712 (215.0144633d) Dec: +52 53 21.94 (52.88943d) Equinox: J2000		
Comments: *Category=Unidentified* *Description=[Blank field]*				

	(9)	POINTING9	RA: 14 19 41.1292 (214.9213717d) Dec: +52 49 35.93 (52.82665d) Equinox: J2000
	Comments: *Category=Unidentified* *Description=[Blank field]*		
	(10)	POINTING10	RA: 14 19 18.9531 (214.8289712d) Dec: +52 45 50.21 (52.76395d) Equinox: J2000
	Comments: *Category=Unidentified* *Description=[Blank field]*		

Observation

Proposal 8559, Observation 1: Pointing1

Thu May 21 19:00:12 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Pointing1 (Obs 1)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	POINTING1	RA: 14 19 56.1929 (214.9841371d) Dec: +52 58 38.78 (52.97744d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[Blank field]

Template

Module	Subarray	Target Placement
ALL	FULL	Module gap (large extended source)

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	4	STANDARD		1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F070W	F430M	MEDIUM8	8	1	4	4	3349.872	
2	F140M	F480M	MEDIUM8	8	1	4	4	3349.872	146921.5
3	F162M+F150W2	F360M	MEDIUM8	8	1	4	4	3349.872	
4	F210M	F335M	MEDIUM8	7	1	4	4	2920.401	146921.5
5	F182M	F300M	MEDIUM8	6	1	4	4	2490.931	

Special Requirements

Aperture PA Range 130.88744876 to 130.98744876 Degrees (V3 130.9620257 to 131.0620257)

Observation

Proposal 8559, Observation 2: Pointing2

Thu May 21 19:00:12 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Pointing2 (Obs 2)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	POINTING2	RA: 14 19 34.8022 (214.8950092d) Dec: +52 54 50.35 (52.91399d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[Blank field]

Template

Module	Subarray	Target Placement
ALL	FULL	Module gap (large extended source)

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	4	STANDARD		1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F070W	F430M	MEDIUM8	8	1	4	4	3349.872	
2	F140M	F480M	MEDIUM8	8	1	4	4	3349.872	146921.5
3	F162M+F150W2	F360M	MEDIUM8	8	1	4	4	3349.872	
4	F210M	F335M	MEDIUM8	7	1	4	4	2920.401	146921.5
5	F182M	F300M	MEDIUM8	6	1	4	4	2490.931	

Special Requirements

Aperture PA Range 130.88744876 to 130.98744876 Degrees (V3 130.9620257 to 131.0620257)

Observation

Proposal 8559, Observation 3: Pointing3

Thu May 21 19:00:12 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Pointing3 (Obs 3)) 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 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	POINTING3	RA: 14 19 12.6730 (214.8028042d) Dec: +52 51 3.54 (52.85098d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[Blank field]

Template

Module	Subarray	Target Placement
ALL	FULL	Module gap (large extended source)

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	4	STANDARD		1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F070W	F430M	MEDIUM8	8	1	4	4	3349.872	
2	F140M	F480M	MEDIUM8	8	1	4	4	3349.872	146921.5
3	F162M+F150W2	F360M	MEDIUM8	8	1	4	4	3349.872	
4	F210M	F335M	MEDIUM8	7	1	4	4	2920.401	146921.5
5	F182M	F300M	MEDIUM8	6	1	4	4	2490.931	

Special Requirements

Aperture PA Range 130.88744876 to 130.98744876 Degrees (V3 130.9620257 to 131.0620257)

Observation

Proposal 8559, Observation 4: Pointing4

Thu May 21 19:00:12 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Pointing4 (Obs 4)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	POINTING4	RA: 14 19 2.0648 (214.7586033d) Dec: +52 46 6.85 (52.76857d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[Blank field]

Template

Module	Subarray	Target Placement
ALL	FULL	Module gap (large extended source)

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	4	STANDARD		1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F070W	F430M	MEDIUM8	8	1	4	4	3349.872	
2	F140M	F480M	MEDIUM8	8	1	4	4	3349.872	146921.5
3	F162M+F150W2	F360M	MEDIUM8	8	1	4	4	3349.872	
4	F210M	F335M	MEDIUM8	7	1	4	4	2920.401	146921.5
5	F182M	F300M	MEDIUM8	6	1	4	4	2490.931	

Special Requirements

Aperture PA Range 130.88744876 to 130.98744876 Degrees (V3 130.9620257 to 131.0620257)

Observation

Proposal 8559, Observation 5: Pointing5

Thu May 21 19:00:12 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Pointing5 (Obs 5)) 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 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	POINTING5	RA: 14 19 46.0325 (214.9418021d) Dec: +52 53 37.64 (52.89379d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[Blank field]

Template

Module	Subarray	Target Placement
ALL	FULL	Module gap (large extended source)

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	4	STANDARD		1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F070W	F430M	MEDIUM8	8	1	4	4	3349.872	
2	F140M	F480M	MEDIUM8	8	1	4	4	3349.872	146921.5
3	F162M+F150W2	F360M	MEDIUM8	8	1	4	4	3349.872	
4	F210M	F335M	MEDIUM8	7	1	4	4	2920.401	146921.5
5	F182M	F300M	MEDIUM8	6	1	4	4	2490.931	

Special Requirements

Aperture PA Range 130.88744876 to 130.98744876 Degrees (V3 130.9620257 to 131.0620257)

Observation

Proposal 8559, Observation 6: Pointing6

Thu May 21 19:00:12 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Pointing6 (Obs 6)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	POINTING6	RA: 14 19 25.2331 (214.8551379d) Dec: +52 49 55.98 (52.83222d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[Blank field]

Template

Module	Subarray	Target Placement
ALL	FULL	Module gap (large extended source)

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	4	STANDARD		1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F070W	F430M	MEDIUM8	8	1	4	4	3349.872	
2	F140M	F480M	MEDIUM8	8	1	4	4	3349.872	146921.5
3	F162M+F150W2	F360M	MEDIUM8	8	1	4	4	3349.872	
4	F210M	F335M	MEDIUM8	7	1	4	4	2920.401	146921.5
5	F182M	F300M	MEDIUM8	6	1	4	4	2490.931	

Special Requirements

Aperture PA Range 130.88744876 to 130.98744876 Degrees (V3 130.9620257 to 131.0620257)

Observation

Proposal 8559, Observation 7: Pointing7

Thu May 21 19:00:12 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Pointing7 (Obs 7)) 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 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	POINTING7	RA: 14 20 25.7256 (215.1071900d) Dec: +52 57 12.26 (52.95341d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[Blank field]

Template

Module	Subarray	Target Placement
ALL	FULL	Module gap (large extended source)

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	4	STANDARD		1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F070W	F430M	MEDIUM8	8	1	4	4	3349.872	
2	F140M	F480M	MEDIUM8	8	1	4	4	3349.872	146921.5
3	F162M+F150W2	F360M	MEDIUM8	8	1	4	4	3349.872	
4	F210M	F335M	MEDIUM8	7	1	4	4	2920.401	146921.5
5	F182M	F300M	MEDIUM8	6	1	4	4	2490.931	

Special Requirements

Aperture PA Range 130.88744876 to 130.98744876 Degrees (V3 130.9620257 to 131.0620257)

Observation

Proposal 8559, Observation 8: Pointing8

Thu May 21 19:00:12 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Pointing8 (Obs 8)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(8)	POINTING8	RA: 14 20 3.4712 (215.0144633d) Dec: +52 53 21.94 (52.88943d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[Blank field]

Template

Module	Subarray	Target Placement
ALL	FULL	Module gap (large extended source)

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	4	STANDARD		1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F070W	F430M	MEDIUM8	8	1	4	4	3349.872	
2	F140M	F480M	MEDIUM8	8	1	4	4	3349.872	146921.5
3	F162M+F150W2	F360M	MEDIUM8	8	1	4	4	3349.872	
4	F210M	F335M	MEDIUM8	7	1	4	4	2920.401	146921.5
5	F182M	F300M	MEDIUM8	6	1	4	4	2490.931	

Special Requirements

Aperture PA Range 130.88744876 to 130.98744876 Degrees (V3 130.9620257 to 131.0620257)

Observation

Proposal 8559, Observation 9: Pointing9

Thu May 21 19:00:12 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Pointing9 (Obs 9)) 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 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(9)	POINTING9	RA: 14 19 41.1292 (214.9213717d) Dec: +52 49 35.93 (52.82665d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[Blank field]

Template

Module	Subarray	Target Placement
ALL	FULL	Module gap (large extended source)

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	4	STANDARD		1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F070W	F430M	MEDIUM8	8	1	4	4	3349.872	
2	F140M	F480M	MEDIUM8	8	1	4	4	3349.872	146921.5
3	F162M+F150W2	F360M	MEDIUM8	8	1	4	4	3349.872	
4	F210M	F335M	MEDIUM8	7	1	4	4	2920.401	146921.5
5	F182M	F300M	MEDIUM8	6	1	4	4	2490.931	

Special Requirements

Aperture PA Range 130.88744876 to 130.98744876 Degrees (V3 130.9620257 to 131.0620257)

Observation

Proposal 8559, Observation 10: Pointing10

Thu May 21 19:00:12 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Pointing10 (Obs 10)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	POINTING10	RA: 14 19 18.9531 (214.8289712d) Dec: +52 45 50.21 (52.76395d) Equinox: J2000		

Comments:
Category=Unidentified
Description=[Blank field]

Template

Module	Subarray	Target Placement
ALL	FULL	Module gap (large extended source)

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	4	STANDARD		1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID
1	F070W	F430M	MEDIUM8	8	1	4	4	3349.872	
2	F140M	F480M	MEDIUM8	8	1	4	4	3349.872	146921.5
3	F162M+F150W2	F360M	MEDIUM8	8	1	4	4	3349.872	
4	F210M	F335M	MEDIUM8	7	1	4	4	2920.401	146921.5
5	F182M	F300M	MEDIUM8	6	1	4	4	2490.931	

Special Requirements

Aperture PA Range 130.88744876 to 130.98744876 Degrees (V3 130.9620257 to 131.0620257)