



# 4125 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed by Lensed Star-Forming Clumps at Cosmic Noon

Cycle: 2, Proposal Category: GO

## INVESTIGATORS

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Dr. Rachel Bezanson (CoI)	University of Pittsburgh
Dr. T. Emil Rivera-Thorsen (CoI) (ESA Member)	Stockholm University
Mr. Alexander Edwin Navarre (CoI)	University of Cincinnati Main Campus
Mr. Joshua Aaron Roberson (CoI)	University of Cincinnati Main Campus
M. Riley Owens (CoI)	University of Cincinnati Main Campus
Dr. Jessica Kay Werk (CoI)	University of Washington

**OBSERVATIONS**

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
Observation Folder				
	9	SDSSJ1110-NIRCAM	NIRCam Imaging	(22) SGAS1110
	19	SDSSJ1110-NIRSPEC-PRISM	NIRSpec IFU Spectroscopy	(55) Group SDSSJ1110.NIRSPEC.GROUP-NONOD
	10	SDSSJ1110.NIRSPEC	NIRSpec IFU Spectroscopy	(55) Group SDSSJ1110.NIRSPEC.GROUP-NONOD
	11	SDSSJ1527-NIRCAM	NIRCam Imaging	(26) SGAS1527
	20	SDSSJ1527-NIRSPEC-PRISM	NIRSpec IFU Spectroscopy	(56) Group SDSSJ1527.NIRSPEC.GROUP-NONOD
	12	SDSSJ1527.NIRSPEC	NIRSpec IFU Spectroscopy	(56) Group SDSSJ1527.NIRSPEC.GROUP-NONOD
	13	SDSSJ1429-NIRCAM	NIRCam Imaging	(29) SGAS1429
	21	SDSSJ1429-NIRSPEC-PRISM	NIRSpec IFU Spectroscopy	(57) Group SDSSJ1429.NIRSPEC.GROUP-NONOD
	14	SDSSJ1429.NIRSPEC	NIRSpec IFU Spectroscopy	(57) Group SDSSJ1429.NIRSPEC.GROUP-NONOD
	15	SDSSJ2111-NIRCAM	NIRCam Imaging	(32) SGAS2111
	22	SDSSJ2111-NIRSPEC-PRISM	NIRSpec IFU Spectroscopy	(58) Group SDSSJ2111.NIRSPEC.GROUP-NONOD
	16	SDSSJ2111.NIRSPEC	NIRSpec IFU Spectroscopy	(58) Group SDSSJ2111.NIRSPEC.GROUP-NONOD
	17	CosmicEye-NIRCAM	NIRCam Imaging	(39) COSMIC.EYE
	23	CosmicEye-NIRSPEC-PRISM	NIRSpec IFU Spectroscopy	(59) Group COSMIC.EYE.NIRSPEC.GROUP-NONOD
	27	CosmicEye-NIRSPEC-PRISM	NIRSpec IFU Spectroscopy	(59) Group COSMIC.EYE.NIRSPEC.GROUP-NONOD
	18	CosmicEye.NIRSPEC	NIRSpec IFU Spectroscopy	(59) Group COSMIC.EYE.NIRSPEC.GROUP-NONOD
	24	SDSSJ1050-NIRCAM	NIRCam Imaging	(60) SGAS1050
	25	SDSSJ1050-NIRSPEC-PRISM	NIRSpec IFU Spectroscopy	(65) Group SDSSJ1050.NIRSPEC.GROUP-NONOD
	26	SDSSJ1050.NIRSPEC	NIRSpec IFU Spectroscopy	(65) Group SDSSJ1050.NIRSPEC.GROUP-NONOD

## **ABSTRACT**

The fundamental building blocks of galaxies, star-forming clumps, have long been observable at the tens of pc scale at cosmic noon, the epoch of most vigorous star formation, thanks to HST and the magnification of gravitational lensing. Before JWST, however, it was impossible to precisely constrain the basic properties of these tiny clumps: their ages, sizes, star formation rates (SFRs), dust content, metallicities ( $Z$ ), and ionization parameters ( $\log U$ ). Now, spatially-resolved spectroscopy with the NIRSpec IFU is revolutionizing the study of clumps in distant galaxies. Its ability to detect continuum in single clumps provides unprecedented constraints on clump ages and masses when combined with NIRCам and archival HST imaging. Its medium resolution gratings detect important diagnostic emission lines on a clump-by-clump level, revealing SFRs, reddening,  $Z$ , and  $\log U$ . Together, these pieces of information will unlock nearly the full story of clumps from formation to (possible) destruction, and in turn, reveal secrets of galaxy formation. How are galaxies assembled? How do clumpy structures form? How do bulges form? How do galaxy-wide scaling relations like the fundamental metallicity relation come to be? Did clumps ionize the universe? We have designed a survey of clump demographics in 8 lensed galaxies (6 new targets and 2 archival), covering nearly over 100 clumps down to at least the 50pc scale, to directly address these questions. Early release observations like those of SMACS0723 have provided tantalizing hints of the answers and demonstrated feasibility, but ultimately were not designed for that purpose. It is time for a survey that is.

## **OBSERVING DESCRIPTION**

We propose NIRCам Imaging, NIRSpec IFU Prism and medium-resolution grating spectroscopy for six bright gravitationally lensed galaxies and their constituent star forming clumps at  $z=2.4-3.6$ . Our sample to study populations of lensed star forming clumps includes these six systems + 2 archival lensed galaxies.

We request NIRCам imaging in 6 filters custom to each target, with SHALLOW4 readout, and a group-integration-exposure strategy based on  $SNR > 10$  in the bluest filters with a 4-point dither strategy (4-1-4). The dither patterns and readouts are standard, to cover the arcs, avoid the chip gaps, and cover the galaxy clusters that lens the arcs.

We request NIRSpec prism spectroscopy to achieve  $SNR > 5$  in the continuum (assuming a star forming galaxy SED) with a dedicated nod exposure for background subtraction (15-1-4 strategy of group-integration-exposures). We request NIRSpec G235M spectra to get  $SNR > 5$  in emission lines for all targets. We use a NRSIRS2 readout and a 4 point dither. The number of IFU pointings per target ranges from 1-2.

Proposal 4125 - Targets - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed by Lens...

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(22)	SGAS1110	RA: 11 10 18.0000 (167.5750000d) Dec: +64 59 47.02 (64.99639d) Equinox: J2000	Epoch of Position: 2000	
<p><i>Comments: z=2.48</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>				
(23)	SGAS1110-IFU-1	RA: 11 10 19.9376 (167.5830733d) Dec: +64 59 52.07 (64.99780d) Equinox: J2000	Epoch of Position: 2000	
<p><i>Comments: z=2.48</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>				
(24)	SGAS1110-IFU-2	RA: 11 10 19.9952 (167.5833133d) Dec: +64 59 49.74 (64.99715d) Equinox: J2000	Epoch of Position: 2000	
<p><i>Comments: z=2.48</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>				
(25)	SGAS1110-IFU-NOD	RA: 11 10 21.8169 (167.5909037d) Dec: +64 59 51.38 (64.99761d) Equinox: J2000	Epoch of Position: 2000	
<p><i>Comments: z=2.48</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=NO</i></p>				
(26)	SGAS1527	RA: 15 27 45.2184 (231.9384100d) Dec: +06 52 29.91 (6.87498d) Equinox: J2000	Epoch of Position: 2000	
<p><i>Comments: z=2.762</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>				
(27)	SGAS1527.NIRSPEC	RA: 15 27 45.3282 (231.9388675d) Dec: +06 52 19.16 (6.87199d) Equinox: J2000	Epoch of Position: 2000	
<p><i>Comments: z=2.762</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>				
(28)	SGAS1527.NIRSPEC.NOD	RA: 15 27 44.9000 (231.9370833d) Dec: +06 52 10.00 (6.86944d) Equinox: J2000	Epoch of Position: 2000	
<p><i>Comments: z=2.762</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=NO</i></p>				

Fixed Targets

Proposal 4125 - Targets - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed by Lens...

(29)	SGAS1429	RA: 14 29 55.0000 (217.4791667d) Dec: +12 02 38.68 (12.04408d) Equinox: J2000	Epoch of Position: 2000
<p><i>Comments: z=2.82</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>			
(30)	SGAS1429.NIRSPEC	RA: 14 29 54.9057 (217.4787737d) Dec: +12 02 38.17 (12.04394d) Equinox: J2000	Epoch of Position: 2000
<p><i>Comments: z=2.82</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>			
(31)	SGAS1429.NIRSPEC.NOD	RA: 14 29 55.0000 (217.4791667d) Dec: +12 02 48.68 (12.04686d) Equinox: J2000	Epoch of Position: 2000
<p><i>Comments: z=2.82</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=NO</i></p>			
(32)	SGAS2111	RA: 21 11 19.3198 (317.8304992d) Dec: -01 14 21.41 (-1.23928d) Equinox: J2000	Epoch of Position: 2000
<p><i>Comments: z=2.86</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>			
(33)	SGAS2111-IFU-1	RA: 21 11 18.7130 (317.8279708d) Dec: -01 14 29.42 (-1.24151d) Equinox: J2000	Epoch of Position: 2000
<p><i>Comments: z=2.86</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>			
(34)	SGAS2111-IFU-2	RA: 21 11 18.5380 (317.8272417d) Dec: -01 14 27.55 (-1.24099d) Equinox: J2000	Epoch of Position: 2000
<p><i>Comments: z=2.86</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>			
(35)	SGAS2111-IFU-NOD	RA: 21 11 18.3936 (317.8266400d) Dec: -01 14 22.99 (-1.23972d) Equinox: J2000	Epoch of Position: 2000
<p><i>Comments: z=2.86</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=NO</i></p>			

Proposal 4125 - Targets - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed by Lens...

(39)	COSMIC.EYE	RA: 21 35 12.6829 (323.8028454d) Dec: -01 01 43.21 (-1.02867d) Equinox: J2000	Epoch of Position: 2000
<p><i>Comments: z=3.07</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>			
(40)	COSMIC.EYE.NOD	RA: 21 35 13.0000 (323.8041667d) Dec: -01 01 38.00 (-1.02722d) Equinox: J2000	Epoch of Position: 2000
<p><i>Comments: z=3.07</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=NO</i></p>			
(45)	Group COSMIC.EYE.NIRSPEC.GR OUP		
<p><i>Comments:</i>  <i>Target Selection=[40 COSMIC.EYE.NOD, 66 COSMIC.EYE.NIRSPEC]</i></p>			
(50)	Group SDSSJ1527.NIRSPEC.GROU P		
<p><i>Comments:</i>  <i>Target Selection=[27 SGAS1527.NIRSPEC, 28 SGAS1527.NIRSPEC.NOD]</i></p>			
(51)	Group SDSSJ1429.NIRSPEC.GROU P		
<p><i>Comments:</i>  <i>Target Selection=[30 SGAS1429.NIRSPEC, 31 SGAS1429.NIRSPEC.NOD]</i></p>			
(53)	Group SDSSJ1110.NIRSPEC.GROU P		
<p><i>Comments:</i>  <i>Target Selection=[23 SGAS1110-IFU-1, 24 SGAS1110-IFU-2, 25 SGAS1110-IFU-NOD]</i></p>			
(54)	Group SDSSJ2111.NIRSPEC.GROU P		
<p><i>Comments:</i>  <i>Target Selection=[33 SGAS2111-IFU-1, 34 SGAS2111-IFU-2, 35 SGAS2111-IFU-NOD]</i></p>			
(55)	Group SDSSJ1110.NIRSPEC.GROU P-NONOD		
<p><i>Comments:</i>  <i>Target Selection=[23 SGAS1110-IFU-1, 24 SGAS1110-IFU-2]</i></p>			
(56)	Group SDSSJ1527.NIRSPEC.GROU P-NONOD		
<p><i>Comments:</i>  <i>Target Selection=[27 SGAS1527.NIRSPEC]</i></p>			
(57)	Group SDSSJ1429.NIRSPEC.GROU P-NONOD		
<p><i>Comments:</i>  <i>Target Selection=[30 SGAS1429.NIRSPEC]</i></p>			

Proposal 4125 - Targets - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed by Lens...

(58)	Group SDSSJ2111.NIRSPEC.GROU P-NONOD		
<i>Comments:</i> <i>Target Selection=[33 SGAS2111-IFU-1, 34 SGAS2111-IFU-2]</i>			
(59)	Group COSMIC.EYE.NIRSPEC.GR OUP-NONOD		
<i>Comments:</i> <i>Target Selection=[39 COSMIC.EYE]</i>			
(60)	SGAS1050	RA: 10 50 39.6312 (162.6651300d) Dec: +00 17 15.07 (.28752d) Equinox: J2000	Epoch of Position: 2000
<i>Comments: z=3.62</i> <i>Category=Galaxy</i> <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i>			
(61)	SGAS1050-IFU-1	RA: 10 50 39.3904 (162.6641267d) Dec: +00 17 29.25 (.29146d) Equinox: J2000	Epoch of Position: 2000
<i>Comments: z=3.62</i> <i>Category=Galaxy</i> <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i>			
(62)	SGAS1050-IFU-2	RA: 10 50 39.0343 (162.6626429d) Dec: +00 17 26.53 (.29070d) Equinox: J2000	Epoch of Position: 2000
<i>Comments: z=3.62</i> <i>Category=Galaxy</i> <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i>			
(63)	SGAS1050-IFU-NOD	RA: 10 50 38.8300 (162.6617917d) Dec: +00 17 29.80 (.29161d) Equinox: J2000	Epoch of Position: 2000
<i>Comments: z=3.62</i> <i>Category=Galaxy</i> <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i> <i>Extended=NO</i>			
(64)	Group SDSSJ1050.NIRSPEC.GROU P		
<i>Comments:</i> <i>Target Selection=[61 SGAS1050-IFU-1, 62 SGAS1050-IFU-2, 63 SGAS1050-IFU-NOD]</i>			
(65)	Group SDSSJ1050.NIRSPEC.GROU P-NONOD		
<i>Comments:</i> <i>Target Selection=[61 SGAS1050-IFU-1, 62 SGAS1050-IFU-2]</i>			

Proposal 4125 - Targets - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed by Lens...

(66)	COSMIC.EYE.NIRSPEC	RA: 21 35 12.6900 (323.8028750d) Dec: -01 01 43.00 (-1.02861d) Equinox: J2000
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*Comments:*

*Category=Galaxy*

*Description=[Einstein rings, High-redshift galaxies]*



Proposal 4125 - Observation 9 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed b...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<p><b>Proposal 4125, Observation 9: SDSSJ1110-NIRCAM</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRCam Imaging</p>									
<b>Diagnostics</b>	<p>(Visit 9:1) Warning (Form): Data Excess over lower threshold</p> <p>(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>		
	(22)	SGAS1110	RA: 11 10 18.0000 (167.5750000d) Dec: +64 59 47.02 (64.99639d) Equinox: J2000		Epoch of Position: 2000					
	<p><i>Comments: z=2.48</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i></p> <p><i>Extended=YES</i></p>									
<b>Template</b>	<b>Module</b>		<b>Subarray</b>			<b>Target Placement</b>				
	ALL		FULL			Module Gap				
<b>Dithers</b>	<b>#</b>	<b>Primary Dither Type</b>		<b>Primary Dithers</b>	<b>Subpixel Dither Type</b>		<b>Dither Size</b>	<b>Subpixel Positions</b>		
	1	INTRAMODULEBOX		4	STANDARD			1		
<b>Spectral Elements</b>	<b>#</b>	<b>Short Filter</b>	<b>Long Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Dithers</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	F182M	F480M	BRIGHT2	10	1	4	4	858.942	
	2	F150W	F480M	BRIGHT2	10	1	4	4	858.942	
	3	F200W	F480M	BRIGHT2	10	1	4	4	858.942	
<b>Special Requirements</b>	<p>Aperture PA Range 145 to 205 Degrees (V3 145.07457694 to 205.07457694)</p> <p>Aperture PA Range 325 to 25 Degrees (V3 325.07457694 to 25.07457694)</p> <p>Offset -54.0 arcsec, 33.0 arcsec</p> <p>Background Limited. Background no more than 40th percentile above minimum</p>									

Proposal 4125 - Observation 19 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 19: SDSSJ1110-NIRSPEC-PRISM</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSpec IFU Spectroscopy											
	(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Fixed Targets</b>	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(55)	Group SDSSJ1110.NIRSPEC.GROU P-NONOD										
<i>Comments:</i> Target Selection=[23 SGAS1110-IFU-1, 24 SGAS1110-IFU-2]												
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	NRSIRS2	10	1	false	true	NONE	8	8	5952.267	

Proposal 4125 - Observation 10 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 10: SDSSJ1110.NIRSPEC</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSPEC IFU Spectroscopy <i>Comments: Any legal roll angle will do.</i>											
	(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Diagnostics</b>												
<b>Fixed Targets</b>	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(55)	Group SDSSJ1110.NIRSPEC.GROUP P-NONOD										
<i>Comments: Target Selection=[23 SGAS1110-IFU-1, 24 SGAS1110-IFU-2]</i>												
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G235M/F170LP	NRSIRS2	15	1	false	true	NONE	8	8	8870.045	

Proposal 4125 - Observation 11 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<p><b>Proposal 4125, Observation 11: SDSSJ1527-NIRCAM</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRCam Imaging</p>																																																	
<b>Diagnostics</b>	<p>(Visit 11:1) Warning (Form): Data Excess over lower threshold</p> <p>(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>																																																	
<b>Fixed Targets</b>	<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>(26)</td> <td>SGAS1527</td> <td>RA: 15 27 45.2184 (231.9384100d) Dec: +06 52 29.91 (6.87498d) Equinox: J2000</td> <td>Epoch of Position: 2000</td> <td></td> </tr> </tbody> </table> <p><i>Comments: z=2.762</i>  <i>Category=Galaxy</i>  <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i>  <i>Extended=YES</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(26)	SGAS1527	RA: 15 27 45.2184 (231.9384100d) Dec: +06 52 29.91 (6.87498d) Equinox: J2000	Epoch of Position: 2000																															
#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																																														
(26)	SGAS1527	RA: 15 27 45.2184 (231.9384100d) Dec: +06 52 29.91 (6.87498d) Equinox: J2000	Epoch of Position: 2000																																															
<b>Template</b>	<table border="1"> <thead> <tr> <th>Module</th> <th>Subarray</th> <th>Target Placement</th> </tr> </thead> <tbody> <tr> <td>ALL</td> <td>FULL</td> <td>Module Gap</td> </tr> </tbody> </table>										Module	Subarray	Target Placement	ALL	FULL	Module Gap																																		
Module	Subarray	Target Placement																																																
ALL	FULL	Module Gap																																																
<b>Dithers</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Dither Type</th> <th>Primary Dithers</th> <th>Subpixel Dither Type</th> <th>Dither Size</th> <th>Subpixel Positions</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>INTRAMODULEBOX</td> <td>4</td> <td>STANDARD</td> <td></td> <td>1</td> </tr> </tbody> </table>										#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions	1	INTRAMODULEBOX	4	STANDARD		1																												
#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions																																													
1	INTRAMODULEBOX	4	STANDARD		1																																													
<b>Spectral Elements</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Short Filter</th> <th>Long Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Dithers</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>F090W</td> <td>F300M</td> <td>BRIGHT2</td> <td>10</td> <td>1</td> <td>4</td> <td>4</td> <td>858.942</td> <td></td> </tr> <tr> <td>2</td> <td>F162M+F150W2</td> <td>F444W</td> <td>BRIGHT2</td> <td>10</td> <td>1</td> <td>4</td> <td>4</td> <td>858.942</td> <td></td> </tr> <tr> <td>3</td> <td>F210M</td> <td>F277W</td> <td>BRIGHT2</td> <td>10</td> <td>1</td> <td>4</td> <td>4</td> <td>858.942</td> <td></td> </tr> </tbody> </table>										#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F090W	F300M	BRIGHT2	10	1	4	4	858.942		2	F162M+F150W2	F444W	BRIGHT2	10	1	4	4	858.942		3	F210M	F277W	BRIGHT2	10	1	4	4	858.942	
#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																									
1	F090W	F300M	BRIGHT2	10	1	4	4	858.942																																										
2	F162M+F150W2	F444W	BRIGHT2	10	1	4	4	858.942																																										
3	F210M	F277W	BRIGHT2	10	1	4	4	858.942																																										
<b>Special Requirements</b>	<p>Aperture PA Range 79 to 139 Degrees (V3 79.07457694 to 139.07457694)</p> <p>Aperture PA Range 259 to 319 Degrees (V3 259.07457694 to 319.07457694)</p> <p>Offset -54.0 arcsec, 33.0 arcsec</p> <p>Background Limited. Background no more than 40th percentile above minimum</p>																																																	

Proposal 4125 - Observation 20 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 20: SDSSJ1527-NIRSPEC-PRISM</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSpec IFU Spectroscopy											
	(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Fixed Targets</b>	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(56)	Group SDSSJ1527.NIRSPEC.GROU P-NONOD										
<i>Comments:</i> Target Selection=[27 SGAS1527.NIRSPEC]												
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	NRSIRS2	10	1	false	true	NONE	8	8	5952.267	

Proposal 4125 - Observation 12 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 12: SDSSJ1527.NIRSPEC</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSpec IFU Spectroscopy <i>Comments: Any legal roll angle will do.</i>											
	(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Diagnostics</b>												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>			
	(56)	Group SDSSJ1527.NIRSPEC.GROU P-NONOD										
<i>Comments: Target Selection=[27 SGAS1527.NIRSPEC]</i>												
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>		<b>Size</b>	<b>Starting Point</b>		<b>Number of Points</b>	<b>Points</b>				
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	<b>#</b>	<b>Grating/Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Leakcal</b>	<b>Dither</b>	<b>Autocal</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	G235M/F170LP	NRSIRS2	15	1	false	true	NONE	8	8	8870.045	

Proposal 4125 - Observation 13 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<p><b>Proposal 4125, Observation 13: SDSSJ1429-NIRCAM</b></p> <p><b>Diagnostic Status: Warning</b></p> <p>Observing Template: NIRCam Imaging</p>									
<b>Diagnostics</b>	<p>(Visit 13:1) Warning (Form): Data Excess over lower threshold</p> <p>(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>		
	(29)	SGAS1429	RA: 14 29 55.0000 (217.4791667d) Dec: +12 02 38.68 (12.04408d) Equinox: J2000		Epoch of Position: 2000					
	<p><i>Comments: z=2.82</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i></p> <p><i>Extended=YES</i></p>									
<b>Template</b>	<b>Module</b>		<b>Subarray</b>			<b>Target Placement</b>				
	ALL		FULL			Module Gap				
<b>Dithers</b>	<b>#</b>	<b>Primary Dither Type</b>		<b>Primary Dithers</b>	<b>Subpixel Dither Type</b>		<b>Dither Size</b>	<b>Subpixel Positions</b>		
	1	INTRAMODULEBOX		4	STANDARD			1		
<b>Spectral Elements</b>	<b>#</b>	<b>Short Filter</b>	<b>Long Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Dithers</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	F115W	F277W	BRIGHT2	10	1	4	4	858.942	
	2	F150W	F444W	BRIGHT2	10	1	4	4	858.942	
	3	F210M	F300M	BRIGHT2	10	1	4	4	858.942	
<b>Special Requirements</b>	<p>Aperture PA Range 58 to 147 Degrees (V3 58.07457694 to 147.07457694)</p> <p>Aperture PA Range 238 to 327 Degrees (V3 238.07457694 to 327.07457694)</p> <p>Offset -54.0 arcsec, 33.0 arcsec</p> <p>Background Limited. Background no more than 40th percentile above minimum</p>									

Proposal 4125 - Observation 21 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 21: SDSSJ1429-NIRSPEC-PRISM</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSpec IFU Spectroscopy											
<b>Diagnostics</b>	(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Fixed Targets</b>	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(57)	Group SDSSJ1429.NIRSPEC.GROU P-NONOD										
	<i>Comments:</i> Target Selection=[30 SGAS1429.NIRSPEC]											
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	NRSIRS2	10	1	false	true	NONE	8	8	5952.267	



Proposal 4125 - Observation 14 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 14: SDSSJ1429.NIRSPEC</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSspec IFU Spectroscopy <i>Comments: Any legal roll angle will do.</i>											
	(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Diagnosics</b>												
<b>Fixed Targets</b>	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(57)	Group SDSSJ1429.NIRSPEC.GROU P-NONOD										
<i>Comments: Target Selection=[30 SGAS1429.NIRSPEC]</i>												
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G235M/F170LP	NRSIRS2	15	1	false	true	NONE	8	8	8870.045	

Proposal 4125 - Observation 15 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 15: SDSSJ2111-NIRCAM</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRCam Imaging									
	(Visit 15:1) Warning (Form): Data Excess over lower threshold (Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>		<b>Miscellaneous</b>		
	(32)	SGAS2111	RA: 21 11 19.3198 (317.8304992d) Dec: -01 14 21.41 (-1.23928d) Equinox: J2000			Epoch of Position: 2000				
<i>Comments: z=2.86</i> <i>Category=Galaxy</i> <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i>										
<b>Template</b>	<b>Module</b>		<b>Subarray</b>			<b>Target Placement</b>				
	ALL		FULL			Module Gap				
<b>Dithers</b>	<b>#</b>	<b>Primary Dither Type</b>		<b>Primary Dithers</b>	<b>Subpixel Dither Type</b>		<b>Dither Size</b>	<b>Subpixel Positions</b>		
	1	INTRAMODULEBOX		4	STANDARD			1		
<b>Spectral Elements</b>	<b>#</b>	<b>Short Filter</b>	<b>Long Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Dithers</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	F115W	F277W	BRIGHT2	10	1	4	4	858.942	
	2	F150W	F444W	BRIGHT2	10	1	4	4	858.942	
	3	F210M	F300M	BRIGHT2	10	1	4	4	858.942	
<b>Special Requirements</b>	Aperture PA Range 87 to 167 Degrees (V3 87.07457694 to 167.07457694) Aperture PA Range 267 to 347 Degrees (V3 267.07457694 to 347.07457694) Offset -54.0 arcsec, 33.0 arcsec Background Limited. Background no more than 40th percentile above minimum									

Proposal 4125 - Observation 22 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 22: SDSSJ2111-NIRSPEC-PRISM</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSpec IFU Spectroscopy											
	(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Fixed Targets</b>	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(58)	Group SDSSJ2111.NIRSPEC.GROU P-NONOD										
<i>Comments:</i> Target Selection=[33 SGAS2111-IFU-1, 34 SGAS2111-IFU-2]												
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	NRSIRS2	10	1	false	true	NONE	8	8	5952.267	

Proposal 4125 - Observation 16 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 16: SDSSJ2111.NIRSPEC</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSspec IFU Spectroscopy <i>Comments: Any legal roll angle will do.</i>											
	(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Diagnostics</b>												
<b>Fixed Targets</b>	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(58)	Group SDSSJ2111.NIRSPEC.GROUP P-NONOD										
<i>Comments: Target Selection=[33 SGAS2111-IFU-1, 34 SGAS2111-IFU-2]</i>												
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G235M/F170LP	NRSIRS2	15	1	false	true	NONE	8	8	8870.045	

Proposal 4125 - Observation 17 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 17: CosmicEye-NIRCAM</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRCam Imaging									
<b>Diagnostics</b>	(Visit 17:1) Warning (Form): Data Excess over lower threshold (Visit 17:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>		<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>		
	(39)	COSMIC.EYE	RA: 21 35 12.6829 (323.8028454d) Dec: -01 01 43.21 (-1.02867d) Equinox: J2000		Epoch of Position: 2000					
	<i>Comments: z=3.07</i> <i>Category=Galaxy</i> <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i>									
<b>Template</b>	<b>Module</b>		<b>Subarray</b>			<b>Target Placement</b>				
	ALL		FULL			Module Gap				
<b>Dithers</b>	<b>#</b>	<b>Primary Dither Type</b>		<b>Primary Dithers</b>	<b>Subpixel Dither Type</b>		<b>Dither Size</b>	<b>Subpixel Positions</b>		
	1	INTRAMODULEBOX		4	STANDARD			1		
<b>Spectral Elements</b>	<b>#</b>	<b>Short Filter</b>	<b>Long Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Dithers</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	F115W	F444W	BRIGHT2	10	1	4	4	858.942	
	2	F150W	F356W	BRIGHT2	10	1	4	4	858.942	
	3	F182M	F277W	BRIGHT2	10	1	4	4	858.942	
<b>Special Requirements</b>	Offset -54.0 arcsec, 33.0 arcsec Background Limited. Background no more than 40th percentile above minimum									

Proposal 4125 - Observation 23 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 23: CosmicEye-NIRSPEC-PRISM</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSPEC IFU Spectroscopy											
	(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Fixed Targets</b>	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(59)	Group COSMIC.EYE.NIRSPEC.GR OUP-NONOD										
<i>Comments:</i> Target Selection=[39 COSMIC.EYE]												
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	NRSIRS2	10	1	false	true	NONE	8	8	5952.267	

Proposal 4125 - Observation 27 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 27: CosmicEye-NIRSPEC-PRISM</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSspec IFU Spectroscopy <i>Comments: WOPR duplicated of visit 23</i>											
	(Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Diagnosics</b>												
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>			<b>Miscellaneous</b>			
	(59)	Group COSMIC.EYE.NIRSPEC.GR OUP-NONOD										
<i>Comments: Target Selection=[39 COSMIC.EYE]</i>												
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	<b>#</b>	<b>Dither Type</b>		<b>Size</b>	<b>Starting Point</b>		<b>Number of Points</b>		<b>Points</b>			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	<b>#</b>	<b>Grating/Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Leakcal</b>	<b>Dither</b>	<b>Autocal</b>	<b>Total Dithers</b>	<b>Total Integrations</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	PRISM/CLEAR	NRSIRS2	10	1	false	true	NONE	8	8	5952.267	

Proposal 4125 - Observation 18 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 18: CosmicEye.NIRSPEC</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSPEC IFU Spectroscopy <i>Comments: Any legal roll angle will do.</i>											
	(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Diagnostics</b>												
<b>Fixed Targets</b>	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(59)	Group COSMIC.EYE.NIRSPEC.GR OUP-NONOD										
<i>Comments: Target Selection=[39 COSMIC.EYE]</i>												
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G235M/F170LP	NRSIRS2	15	1	false	true	NONE	8	8	8870.045	



Proposal 4125 - Observation 24 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 24: SDSSJ1050-NIRCAM</b> <b>Diagnostic Status: Warning</b> Observing Template: 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.									
<b>Diagnosics</b>										
<b>Fixed Targets</b>	<b>#</b>	<b>Name</b>	<b>Target Coordinates</b>			<b>Targ. Coord. Corrections</b>		<b>Miscellaneous</b>		
	(60)	SGAS1050	RA: 10 50 39.6312 (162.6651300d) Dec: +00 17 15.07 (.28752d) Equinox: J2000			Epoch of Position: 2000				
<i>Comments: z=3.62</i> <i>Category=Galaxy</i> <i>Description=[Einstein rings, Emission line galaxies, High-redshift galaxies]</i> <i>Extended=YES</i>										
<b>Template</b>	<b>Module</b>		<b>Subarray</b>			<b>Target Placement</b>				
	ALL		FULL			Module Gap				
<b>Dithers</b>	<b>#</b>	<b>Primary Dither Type</b>		<b>Primary Dithers</b>	<b>Subpixel Dither Type</b>		<b>Dither Size</b>	<b>Subpixel Positions</b>		
	1	INTRAMODULEBOX		4	STANDARD			1		
<b>Spectral Elements</b>	<b>#</b>	<b>Short Filter</b>	<b>Long Filter</b>	<b>Readout Pattern</b>	<b>Groups/Int</b>	<b>Integrations/Exp</b>	<b>Total Integrations</b>	<b>Total Dithers</b>	<b>Total Exposure Time</b>	<b>ETC Wkbk.Calc ID</b>
	1	F115W	F277W	BRIGHT2	10	1	4	4	858.942	
	2	F150W	F444W	BRIGHT2	10	1	4	4	858.942	
	3	F182M	F356W	BRIGHT2	10	1	4	4	858.942	
<b>Special Requirements</b>	Aperture PA Range 26 to 106 Degrees (V3 26.07457694 to 106.07457694) Aperture PA Range 206 to 286 Degrees (V3 206.07457694 to 286.07457694) Offset -54.0 arcsec, 33.0 arcsec Background Limited. Background no more than 40th percentile above minimum									

Proposal 4125 - Observation 25 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 25: SDSSJ1050-NIRSPEC-PRISM</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSpec IFU Spectroscopy											
<b>Diagnostics</b>	(Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Fixed Targets</b>	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(65)	Group SDSSJ1050.NIRSPEC.GROU P-NONOD										
	<i>Comments:</i> Target Selection=[61 SGAS1050-IFU-1, 62 SGAS1050-IFU-2]											
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	NRSIRS2	10	1	false	true	NONE	8	8	5952.267	

Proposal 4125 - Observation 26 - Galaxies Under Construction: Resolved Scaling Relations and Stellar Mass Assembly as Revealed ...

Wed Jul 03 19:00:24 GMT 2024

<b>Observation</b>	<b>Proposal 4125, Observation 26: SDSSJ1050.NIRSPEC</b> <b>Diagnostic Status: Warning</b> Observing Template: NIRSspec IFU Spectroscopy <i>Comments: Any legal roll angle will do.</i>											
	(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
<b>Diagnosics</b>												
<b>Fixed Targets</b>	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(65)	Group SDSSJ1050.NIRSPEC.GROU P-NONOD										
<i>Comments: Target Selection=[61 SGAS1050-IFU-1, 62 SGAS1050-IFU-2]</i>												
<b>Template</b>	<b>TA Method</b>											
	NONE											
<b>Dithers</b>	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		SMALL	1		8					
<b>Spectral Elements</b>	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G235M/F170LP	NRSIRS2	15	1	false	true	NONE	8	8	8870.045	