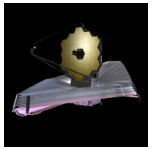

1205 - Formation Histories and Stellar Masses of Very High-z Quasars

Cycle: 1, Proposal Category: GTO

INVESTIGATORS

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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
Observation Folder				
	1	J134040.24+281328.1_IFU	NIRSpec IFU Spectroscopy	(1) J134040.24+281328.1
	2	J134040.24+281328.1_image	NIRCam Imaging	(1) J134040.24+281328.1
	3	2M13404517+2819069_image	NIRCam Imaging	(2) 2M13404517+2819069
	4	J073103.12+445949.4_IFU	NIRSpec IFU Spectroscopy	(3) J073103.12+445949.4
	5	J073103.12+445949.4_image	NIRCam Imaging	(3) J073103.12+445949.4
	6	2M07312822+4505363_image	NIRCam Imaging	(4) 2M07312822+4505363
	7	ULASJ112001.48+064124.3_image	NIRCam Imaging	(5) ULASJ112001.48+064124.3
	8	2M11202226+0645117_image	NIRCam Imaging	(6) 2M11202226+0645117

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	9	SDSSJ1148+5251_image	NIRCam Imaging	(7) SDSSJ1148+5251
	10	2M11482526+5254161_image	NIRCam Imaging	(8) 2M11482526+5254161
	11	J2239+0207_IFU	NIRSpec IFU Spectroscopy	(9) J2239+0207
	12	J2239+0207_image	NIRCam Imaging	(9) J2239+0207
	13	2M22390990+0207329_image	NIRCam Imaging	(10) 2M22390990+0207329
	15	TGSSJ1530+1049_image	NIRCam Imaging	(11) TGSSJ1530+1049
	16	2M15300980+1050533_image	NIRCam Imaging	(12) 2M15300980+1050533

ABSTRACT

Attempts to image the hosts of very high redshift quasars have been frustratingly difficult. What detections there are have been made in the near infrared, i.e., rest frame ultraviolet. Hence, it is difficult to interpret the results: a small amount of very recent star formation could dominate the signals. Nonetheless, the limits have raised the question of whether the local Magorrian relation holds this early in galaxy evolution. Dynamical masses from the 157 micron [CII] line, indicate a roughly normal (i.e., Magorrian) ratio of total mass to black hole mass (but of course, with no measure of the relative mass in dark matter, stars, and gas). In this program (ID 1205), we will use a combination of IFU spectroscopy and NIRCam imaging to search much more deeply and definitively for host galaxies around five high redshift AGNs.

OBSERVING DESCRIPTION

The goal of this program is to examine in detail the stellar content of AGN host galaxies at high redshift, to test whether the co-evolution of stars and black holes is in place by z = 5 - 7. We have selected six quasars to test a variety of ways to detect their host galaxies. J073103.12+445949.4 and J134015.03+392630.7 are at z ~ 5, which places their Balmer breaks (if they have them) optimally in the NIRSpec medium wavelength range. They also have very massive black holes and large dynamical masses. We will obtain both NIRCam images and very high signal to noise NIRSpec spectra of them, the latter to see if we can detect host galaxies even if they hide behind the quasar psf in the images. J2239+0207 is a sub-Eddington quasar with a massive black hole and large dynamical mass; our estimates are that the host galaxy might account for as much as 10% of the integrated light near 0.5 microns rest. We will search for it in both imaging and a prism NIRSpec spectrum (this strategy is dictated because it is too faint for higher spectral resolution at reasonable signal to noise). SDSS J1148+5251 and ULAS J112001.48+064124.3 are among the highest redshift quasars known, very thoroughly studied, and again with very massive black holes and high dynamical masses. We will obtain images of them but not spectra

(since their Balmer breaks are not placed advantageously spectrally). In addition, we will image the z = 5.72 radio galaxy TGSS J1530+1049 to test whether its continuum shows a Balmer break and if so to estimate its strength, and thus to determine to what extent it falls off the usual relation between luminous radio galaxies and the stellar masses of their host galaxies.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	J134040.24+281328.1	RA: 13 40 40.2400 (205.1676667d) Dec: +28 13 28.10 (28.22447d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]* *Extended=NO*				
(2)	2M13404517+2819069	RA: 13 40 45.1719 (205.1882162d) Dec: +28 19 6.96 (28.31860d) Equinox: J2000	Proper Motion RA: -1.033 mas/yr Proper Motion Dec: -8.133 mas/yr Epoch of Position: 2000	
Comments: *Category=Star* *Description=[G stars]* *Extended=NO*				
(3)	J073103.12+445949.4	RA: 07 31 3.1200 (112.7630000d) Dec: +44 59 49.40 (44.99706d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]* *Extended=NO*				
(4)	2M07312822+4505363	RA: 07 31 28.2253 (112.8676054d) Dec: +45 05 36.28 (45.09341d) Equinox: J2000	Proper Motion RA: 3.124 mas/yr Proper Motion Dec: -0.332 mas/yr Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the NED database. *Category=Star* *Description=[F stars]* *Extended=NO*				
(5)	ULASJ112001.48+064124.3	RA: 11 20 1.4800 (170.0061667d) Dec: +06 41 24.30 (6.69008d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]* *Extended=NO*				
(6)	2M11202226+0645117	RA: 11 20 22.2608 (170.0927533d) Dec: +06 45 11.43 (6.75317d) Equinox: J2000	Proper Motion RA: -22.471 mas/yr Proper Motion Dec: -0.389 mas/yr Epoch of Position: 2000	
Comments: *Category=Star* *Description=[G stars]* *Extended=NO*				
(7)	SDSSJ1148+5251	RA: 11 48 16.6400 (177.0693333d) Dec: +52 51 50.30 (52.86397d) Equinox: J2000		
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]* *Extended=NO*				

(8)	2M11482526+5254161	RA: 11 48 25.2699 (177.1052913d)	Proper Motion RA: 1.463 mas/yr
		Dec: +52 54 16.22 (52.90451d)	Proper Motion Dec: -1.55 mas/yr
		Equinox: J2000	Epoch of Position: 2000
Comments: *Category=Star* *Description=[F stars]* *Extended=NO*			
(9)	J2239+0207	RA: 22 39 47.4800 (339.9478333d)	
		Dec: +02 07 47.40 (2.12983d)	
		Equinox: J2000	
Comments: I have linked the NIRCam imaging and NIRSpec IFU observations because I would like to use the well sampled, high signal to noise NIRCam image as a truth image for the IFU image, which will be less well sampled and lower signal to noise. The NIRCam image is a snapshot of the overall imaging performance of the telescope at the time of the observations and this can be critical in pulling out what is likely to be a veru subtle indication of the host galaxy. *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]* *Extended=NO*			
(10)	2M22390990+0207329	RA: 22 39 9.9106 (339.7912942d)	Proper Motion RA: 2.654 mas/yr
		Dec: +02 07 32.99 (2.12583d)	Proper Motion Dec: -2.866 mas/yr
		Equinox: J2000	Epoch of Position: 2000
Comments: *Category=Star* *Description=[G stars]* *Extended=NO*			
(11)	TGSSJ1530+1049	RA: 15 30 49.9000 (232.7079167d)	
		Dec: +10 49 31.10 (10.82531d)	
		Equinox: J2000	
Comments: *Category=Galaxy* *Description=[Active galactic nuclei, Quasars]* *Extended=NO*			
(12)	2M15300980+1050533	RA: 15 30 9.8096 (232.5408733d)	Proper Motion RA: -7.467 mas/yr
		Dec: +10 50 53.38 (10.84816d)	Proper Motion Dec: -12.764 mas/yr
		Equinox: J2000	Epoch of Position: 2000
Comments: *Category=Star* *Description=[G stars]* *Extended=NO*			

Observation

Proposal 1205, Observation 1: J134040.24+281328.1_IFU Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Comments: Depending on the final blind pointing accuracy of JWST, we may not need target acquisition for this source.

Diagnostics

(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)	J134040.24+281328.1	RA: 13 40 40.2400 (205.1676667d) Dec: +28 13 28.10 (28.22447d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	WATA	SUB2048	F110W	NRSRAPIDD6	3	1	1	14.452	12587

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	SPARSE-CYCLING	LARGE			1,2,3,4

Spectral Elements

#	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	25	1	false	true	NONE	4	4	7352.801	

Special Requirements

Sequence Observations 1, 2, 3, Non-interruptible

Observation

Proposal 1205, Observation 2: J134040.24+281328.1_image

Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	J134040.24+281328.1	RA: 13 40 40.2400 (205.1676667d) Dec: +28 13 28.10 (28.22447d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F410M	RAPID	9	1	16	16	265.326	
2	F210M	F430M	BRIGHT2	7	1	16	16	397.825	

Special Requirements

Sequence Observations 1, 2, 3, Non-interruptible

Observation

Proposal 1205, Observation 3: 2M13404517+2819069_image

Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	2M13404517+2819069	RA: 13 40 45.1719 (205.1882162d) Dec: +28 19 6.96 (28.31860d) Equinox: J2000	Proper Motion RA: -1.033 mas/yr Proper Motion Dec: -8.133 mas/yr Epoch of Position: 2000	

Comments:
Category=Star
Description=[G stars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F410M	RAPID	9	1	16	16	265.326	
2	F210M	F430M	RAPID	9	1	16	16	265.326	

Special Requirements

Sequence Observations 1, 2, 3, Non-interruptible

Observation

Proposal 1205, Observation 4: J073103.12+445949.4_IFU Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Comments: Depending on the final blind pointing accuracy of JWST, we may not need target acquisition for this source.

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	J073103.12+445949.4	RA: 07 31 3.1200 (112.7630000d) Dec: +44 59 49.40 (44.99706d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	WATA	SUB2048	F110W	NRSRAPIDD6	3	1	1	14.452	12587

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	SPARSE-CYCLING	LARGE			1,2,3,4

Spectral Elements

#	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	20	1	false	true	NONE	4	4	5893.912	

Special Requirements

Sequence Observations 4, 5, 6, Non-interruptible

Observation

Proposal 1205, Observation 5: J073103.12+445949.4_image

Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	J073103.12+445949.4	RA: 07 31 3.1200 (112.7630000d) Dec: +44 59 49.40 (44.99706d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F410M	RAPID	9	1	16	16	265.326	
2	F210M	F430M	BRIGHT2	7	1	16	16	397.825	

Special Requirements

Sequence Observations 4, 5, 6, Non-interruptible

Observation

Proposal 1205, Observation 6: 2M07312822+4505363_image

Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	2M07312822+4505363	RA: 07 31 28.2253 (112.8676054d)	Proper Motion RA: 3.124 mas/yr	
		Dec: +45 05 36.28 (45.09341d)	Proper Motion Dec: -0.332 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the NED database.
Category=Star
Description=[F stars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F410M	RAPID	9	1	16	16	265.326	
2	F210M	F430M	RAPID	9	1	16	16	265.326	

Special Requirements

Sequence Observations 4, 5, 6, Non-interruptible

Observation

Proposal 1205, Observation 7: ULASJ112001.48+064124.3_image

Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	ULASJ112001.48+064124.3	RA: 11 20 1.4800 (170.0061667d) Dec: +06 41 24.30 (6.69008d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F360M	BRIGHT2	10	1	16	16	556.824	
2	F210M	F480M	BRIGHT2	7	2	32	16	795.651	

Special Requirements

Sequence Observations 7, 8, Non-interruptible

Observation

Proposal 1205, Observation 8: 2M11202226+0645117_image

Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	2M11202226+0645117	RA: 11 20 22.2608 (170.0927533d) Dec: +06 45 11.43 (6.75317d) Equinox: J2000	Proper Motion RA: -22.471 mas/yr Proper Motion Dec: -0.389 mas/yr Epoch of Position: 2000	

Comments:
Category=Star
Description=[G stars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F360M	RAPID	9	1	16	16	265.326	
2	F210M	F480M	RAPID	9	1	16	16	265.326	

Special Requirements

Sequence Observations 7, 8, Non-interruptible

Observation

Proposal 1205, Observation 9: SDSSJ1148+5251_image

Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	SDSSJ1148+5251	RA: 11 48 16.6400 (177.0693333d) Dec: +52 51 50.30 (52.86397d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F360M	RAPID	9	1	16	16	265.326	
2	F210M	F410M	BRIGHT2	7	1	16	16	397.825	

Special Requirements

Sequence Observations 9, 10, Non-interruptible

Observation

Proposal 1205, Observation 10: 2M11482526+5254161_image

Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(8)	2M11482526+5254161	RA: 11 48 25.2699 (177.1052913d) Dec: +52 54 16.22 (52.90451d) Equinox: J2000	Proper Motion RA: 1.463 mas/yr Proper Motion Dec: -1.55 mas/yr Epoch of Position: 2000	

Comments:
Category=Star
Description=[F stars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F360M	RAPID	9	1	16	16	265.326	
2	F210M	F410M	RAPID	9	1	16	16	265.326	

Special Requirements

Sequence Observations 9, 10, Non-interruptible

Observation

Proposal 1205, Observation 11: J2239+0207_IFU Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Comments: Depending on the final blind pointing accuracy of JWST, we may not need target acquisition for this source.

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(9)	J2239+0207	RA: 22 39 47.4800 (339.9478333d) Dec: +02 07 47.40 (2.12983d) Equinox: J2000		

Comments: I have linked the NIRCam imaging and NIRSpec IFU observations because I would like to use the well sampled, high signal to noise NIRCam image as a truth image for the IFU image, which will be less well sampled and lower signal to noise. The NIRCam image is a snapshot of the overall imaging performance of the telescope at the time of the observations and this can be critical in pulling out what is likely to be a veru subtle indication of the host galaxy.
Category=Galaxy
Description=[Active galactic nuclei, Quasars]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	WATA	SUB2048	F110W	NRSRAPIDD6	3	1	1	14.452	25213

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	SPARSE-CYCLING	LARGE			1,2,3,4

Spectral Elements

#	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	15	2	false	true	NONE	4	8	8870.045	

Special Requirements

Sequence Observations 11, 12, 13, Non-interruptible

Observation

Proposal 1205, Observation 12: J2239+0207_image Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(9)	J2239+0207	RA: 22 39 47.4800 (339.9478333d) Dec: +02 07 47.40 (2.12983d) Equinox: J2000		

Comments: I have linked the NIRCam imaging and NIRSpec IFU observations because I would like to use the well sampled, high signal to noise NIRCam image as a truth image for the IFU image, which will be less well sampled and lower signal to noise. The NIRCam image is a snapshot of the overall imaging performance of the telescope at the time of the observations and this can be critical in pulling out what is likely to be a veru subtle indication of the host galaxy.
Category=Galaxy
Description=[Active galactic nuclei, Quasars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F360M	BRIGHT2	10	2	32	16	1113.649	
2	F210M	F480M	BRIGHT2	10	2	32	16	1113.649	

Special Requirements

Sequence Observations 11, 12, 13, Non-interruptible

Observation

Proposal 1205, Observation 13: 2M22390990+0207329_image

Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	2M22390990+0207329	RA: 22 39 9.9106 (339.7912942d) Dec: +02 07 32.99 (2.12583d) Equinox: J2000	Proper Motion RA: 2.654 mas/yr Proper Motion Dec: -2.866 mas/yr Epoch of Position: 2000	

Comments:
Category=Star
Description=[G stars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F360M	RAPID	9	1	16	16	265.326	
2	F210M	F480M	RAPID	5	1	16	16	159.327	

Special Requirements

Sequence Observations 11, 12, 13, Non-interruptible

Observation

Proposal 1205, Observation 15: TGSSJ1530+1049_image

Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(11)	TGSSJ1530+1049	RA: 15 30 49.9000 (232.7079167d) Dec: +10 49 31.10 (10.82531d) Equinox: J2000		

Comments:
Category=Galaxy
Description=[Active galactic nuclei, Quasars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	NONE		STANDARD		4

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F300M	MEDIUM8	10	2	8	4	1311.906	
2	F210M	F430M	MEDIUM8	10	2	8	4	1311.906	

Special Requirements

Sequence Observations 15, 16, Non-interruptible

Observation

Proposal 1205, Observation 16: 2M15300980+1050533_image Fri Oct 21 18:00:53 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	2M15300980+1050533	RA: 15 30 9.8096 (232.5408733d)	Proper Motion RA: -7.467 mas/yr	
		Dec: +10 50 53.38 (10.84816d)	Proper Motion Dec: -12.764 mas/yr	
		Equinox: J2000	Epoch of Position: 2000	

Comments:
Category=Star
Description=[G stars]
Extended=NO

Template

Module	Subarray
B	SUB400P

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	NONE		STANDARD		4

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F300M	BRIGHT1	10	2	8	4	265.162	
2	F210M	F430M	BRIGHT1	10	2	8	4	265.162	

Special Requirements

Sequence Observations 15, 16, Non-interruptible