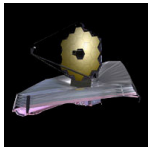

7195 - Deciphering the torus and extended dust properties of local active galactic nuclei

Cycle: 4, Proposal Category: GO

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OBSERVATIONS

Folder	***Observation***	***Label***	***Observing Template***	***Science Target***
NGC4941				
	34	NGC4941-MRS	MIRI Medium Resolution Spectroscopy	(4) NGC4941-MRS
	35	NGC4941 - MRS - background	MIRI Medium Resolution Spectroscopy	(6) NGC4941-BACKGROUND
	54	NGC4941- NIRSpec	NIRSpec IFU Spectroscopy	(5) NGC4941-NIRSPEC
NGC1365				
	56	NGC1365- NIRSpec	NIRSpec IFU Spectroscopy	(8) NGC1365-NIRSPEC
NGC4388				
	16	NGC4388-MRS	MIRI Medium Resolution Spectroscopy	(10) NGC4388-MRS
	17	NGC4388 - MRS - background	MIRI Medium Resolution Spectroscopy	(12) NGC4388-BACKGROUND

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	58	NGC4388- NIRSpec	NIRSpec IFU Spectroscopy	(11) NGC4388-NIRSPEC
NGC5643				
	62	NGC5643- NIRSpec	NIRSpec IFU Spectroscopy	(16) NGC5643-NIRSPEC
	75	NGC5643-MIRI imaging	MIRI Imaging	(14) NGC5643-Imaging
NGC6300				
	25	NGC6300-MRS	MIRI Medium Resolution Spectroscopy	(17) NGC6300-MRS
	26	NGC6300 - MRS - background	MIRI Medium Resolution Spectroscopy	(18) NGC6300-BACKGROUND
	64	NGC6300- NIRSpec	NIRSpec IFU Spectroscopy	(19) NGC6300-NIRSPEC
NGC6814				
	43	NGC6814-MRS	MIRI Medium Resolution Spectroscopy	(23) NGC6814-MRS
	44	NGC6814 - MRS - background	MIRI Medium Resolution Spectroscopy	(24) NGC6814-BACKGROUND
	68	NGC6814- NIRSpec	NIRSpec IFU Spectroscopy	(25) NGC6814-NIRSPEC
NGC7213				
	40	NGC7213-MRS	MIRI Medium Resolution Spectroscopy	(26) NGC7213-MRS
	41	NGC7213 - MRS - background	MIRI Medium Resolution Spectroscopy	(27) NGC7213-BACKGROUND
	70	NGC7213- NIRSpec	NIRSpec IFU Spectroscopy	(28) NGC7213-NIRSPEC
NGC7314				
	46	NGC7314-MRS	MIRI Medium Resolution Spectroscopy	(29) NGC7314-MRS
	47	NGC7314 - MRS - background	MIRI Medium Resolution Spectroscopy	(30) NGC7314-BACKGROUND
	72	NGC7314- NIRSpec	NIRSpec IFU Spectroscopy	(31) NGC7314-NIRSPEC
NGC7465				
	49	NGC7465-MRS	MIRI Medium Resolution Spectroscopy	(32) NGC7465-MRS
	50	NGC7465 - MRS - background	MIRI Medium Resolution Spectroscopy	(33) NGC7465-BACKGROUND
	74	NGC7465- NIRSpec	NIRSpec IFU Spectroscopy	(34) NGC7465-NIRSPEC

ABSTRACT

JWST observations of the early universe are revealing an excess of supermassive black holes (SMBH) and a commensurate large number of obscured high-z active galactic nuclei (AGN). The understanding and characterization of these dust-shrouded distant objects relies of local AGN templates, including emission from the dusty torus. Postulated several decades ago, and now with several competing models, it is only through the advent of JWST's near- and mid-infrared capabilities, fused with ALMA's (sub)mm wavelengths that observational constraints can be firmly placed on the torus and models that seek to explain its presence, maintenance, and relationship to the host galaxy. In this proposal we plan to obtain NIRSpec and MIRI spectroscopic and imaging observations for a complete sample of Seyfert galaxies at 14-27 Mpc that have ALMA resolved torus data. We will use the leading torus models to fit the JWST-ALMA data to determine the torus dust structure and geometry and compare and contrast the optimal torus model(s). Furthermore, we will explore the extended mid-infrared polar dust, including its temperature and morphology, and determine if the dust is shock heated, AGN heated, or is part of a nuclear outflow. Finally, the data will also probe other dust components, such as polycyclic aromatic hydrocarbons and water ice. We will investigate the role of the nuclear gas content in protecting them from the harsh AGN radiation fields. We stress the connection of our local AGN work with JWST high-z observations, leveraging our local knowledge to help understand the coevolution of the AGN and host galaxy.

OBSERVING DESCRIPTION

Our proposed NIRSpec-IFU and MIRI/MRS survey targets a complete X-ray selected sample of 12 Seyfert galaxies. For each target, we will obtain one pointing of the central region to cover the full 2.9-28 micron spectral range, except for those observed in Cycles 1-2 or to be observed in Cycle 3 (see Table 1), which do not need new observations. The area covered by NIRSpec-IFU is 3"x3", while that of MIRI/MRS varies from 4"x4" to 8"x8". We will use a 4-point dither for the galaxy observations. For MIRI/MRS we will obtain additionally a background observation for each target with a two-point dither, as recommended for the pixel-based background subtraction method. For all the MIRI/MRS observations, we will obtain simultaneous MIRI imaging with three filters. We selected the background regions such that the simultaneous imaging covers the central region of the galaxy for one of the possible PA ranges of the observations. Some targets have several ranges of PA, so in time the background coordinates could be changed accordingly to cover the galaxy center with the simultaneous imaging. The chosen filters F1000W, F1500W, and F1800W for the MIRI simultaneous imaging will map the mid-infrared emission on larger scales than the MIRI/MRS. For the NIRSpec-IFU observations we will obtain the leakage calibration observation. Since most of the targets have a bright central point source, we adjusted the readout modes to avoid saturation at the AGN location.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	NGC4941-MRS	RA: 13 04 13.1036 (196.0545983d) Dec: -05 33 5.75 (-5.55160d) Equinox: J2000	Epoch of Position: 2015.5	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*				
(5)	NGC4941-NIRSPEC	RA: 13 04 13.1036 (196.0545983d) Dec: -05 33 5.75 (-5.55160d) Equinox: J2000	Epoch of Position: 2015.5	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*				
(6)	NGC4941-BACKGROUND	RA: 13 04 20.3641 (196.0848504d) Dec: -05 32 35.95 (-5.54332d) Equinox: J2000	Epoch of Position: 2015.5	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Unidentified* *Description=[Blank field]*				
(8)	NGC1365-NIRSPEC	RA: 03 33 36.3690 (53.4015375d) Dec: -36 08 25.50 (-36.14042d) Equinox: J2000	Epoch of Position: 2015.5	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*				
(10)	NGC4388-MRS	RA: 12 25 46.8200 (186.4450833d) Dec: +12 39 43.45 (12.66207d) Equinox: J2000	Epoch of Position: 2015.5	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*				
(11)	NGC4388-NIRSPEC	RA: 12 25 46.8200 (186.4450833d) Dec: +12 39 43.45 (12.66207d) Equinox: J2000	Epoch of Position: 2015.5	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*				
(12)	NGC4388-BACKGROUND	RA: 12 25 54.5687 (186.4773696d) Dec: +12 39 49.30 (12.66369d) Equinox: J2000	Epoch of Position: 2015.5	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*				
(14)	NGC5643-Imaging	RA: 14 32 40.6990 (218.1695792d) Dec: -44 10 27.93 (-44.17442d) Equinox: J2000	Epoch of Position: 2015.5	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*				

(16)	NGC5643-NIRSPEC	RA: 14 32 40.6990 (218.1695792d) Dec: -44 10 27.93 (-44.17442d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(17)	NGC6300-MRS	RA: 17 16 59.5418 (259.2480908d) Dec: -62 49 13.95 (-62.82054d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(18)	NGC6300-BACKGROUND	RA: 17 17 0.5470 (259.2522792d) Dec: -62 47 17.38 (-62.78816d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(19)	NGC6300-NIRSPEC	RA: 17 16 59.5418 (259.2480908d) Dec: -62 49 13.95 (-62.82054d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(23)	NGC6814-MRS	RA: 19 42 40.5863 (295.6691096d) Dec: -10 19 25.10 (-10.32364d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(24)	NGC6814-BACKGROUND	RA: 19 42 46.4636 (295.6935983d) Dec: -10 18 11.79 (-10.30327d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(25)	NGC6814-NIRSPEC	RA: 19 42 40.5863 (295.6691096d) Dec: -10 19 25.10 (-10.32364d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(26)	NGC7213-MRS	RA: 22 09 16.2097 (332.3175404d) Dec: -47 10 0.12 (-47.16670d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			

(27)	NGC7213-BACKGROUND	RA: 22 09 18.2278 (332.3259492d) Dec: -47 08 8.27 (-47.13563d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(28)	NGC7213-NIRSPEC	RA: 22 09 16.2097 (332.3175404d) Dec: -47 10 0.12 (-47.16670d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(29)	NGC7314-MRS	RA: 22 35 46.1997 (338.9424987d) Dec: -26 03 1.58 (-26.05044d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(30)	NGC7314-BACKGROUND	RA: 22 35 49.5708 (338.9565450d) Dec: -26 01 16.43 (-26.02123d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(31)	NGC7314-NIRSPEC	RA: 22 35 46.1997 (338.9424987d) Dec: -26 03 1.58 (-26.05044d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(32)	NGC7465-MRS	RA: 23 02 0.9604 (345.5040017d) Dec: +15 57 53.24 (15.96479d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(33)	NGC7465-BACKGROUND	RA: 23 02 6.0494 (345.5252058d) Dec: +15 59 19.58 (15.98877d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			
(34)	NGC7465-NIRSPEC	RA: 23 02 0.9604 (345.5040017d) Dec: +15 57 53.24 (15.96479d) Equinox: J2000	Epoch of Position: 2015.5
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Galaxy* *Description=[Active galactic nuclei]*			

Observation

Proposal 7195, Observation 34: NGC4941-MRS

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[NGC4941 - MRS - background (Obs 35)]

Diagnostics

(NGC4941-MRS (Obs 34)) Warning (Form): Imager Filter overlap.

(NGC4941-MRS (Obs 34)) Warning (Form): Imager Filter overlap.

(Visit 34:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	NGC4941-MRS	RA: 13 04 13.1036 (196.0545983d) Dec: -05 33 5.75 (-5.55160d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	EXTENDED SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	45	1	1	Dither 1	4	4	53.914	
1	SHORT(A)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
1	SHORT(A)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	
2		IMAGER	F1000W	FASTR1	45	1	1	Dither 1	4	4	53.914	
2	MEDIUM(B)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	
3		IMAGER	F1800W	FASTR1	45	1	1	Dither 1	4	4	53.914	
3	LONG(C)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
3	LONG(C)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	

Special Requirements	Sequence Observations 35, 34 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 35: NGC4941 - MRS - background Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [NGC4941-MRS (Obs 34)]

Diagnostics

(NGC4941 - MRS - background (Obs 35)) Warning (Form): Imager Filter overlap.

(NGC4941 - MRS - background (Obs 35)) Warning (Form): Imager Filter overlap.

(Visit 35:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	NGC4941-BACKGROUND	RA: 13 04 20.3641 (196.0848504d) Dec: -05 32 35.95 (-5.54332d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Unidentified
Description=[Blank field]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	10	20	1	Dither 1	2	40	131.19	
1	SHORT(A)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
1	SHORT(A)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	
2		IMAGER	F1000W	FASTR1	10	20	1	Dither 1	2	40	131.19	
2	MEDIUM(B)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	
3		IMAGER	F1800W	FASTR1	10	20	1	Dither 1	2	40	131.19	
3	LONG(C)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
3	LONG(C)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	

Special Requirements	Sequence Observations 35, 34 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 54: NGC4941- NIRSpec

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

(Visit 54:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	NGC4941-NIRSPEC	RA: 13 04 13.1036 (196.0545983d) Dec: -05 33 5.75 (-5.55160d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Template

TA Method	HFF Readout Mode
NONE	false

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	4-POINT-DITHER				

Spectral Elements

#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	G395H/F290LP	NRSRAPID	23	2	false	true	NONE	4	8	2061.46	
2	G395H/F290LP	NRSRAPID	23	2	true	false	NONE	1	2	515.365	

Observation

Proposal 7195, Observation 56: NGC1365- NIRSpec

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

(Visit 56:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(8)	NGC1365-NIRSPEC	RA: 03 33 36.3690 (53.4015375d) Dec: -36 08 25.50 (-36.14042d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Template

TA Method	HFF Readout Mode
NONE	false

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	4-POINT-DITHER				

Spectral Elements

#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	G395H/F290LP	NRSRAPID	4	1	false	true	NONE	4	4	214.735	
2	G395H/F290LP	NRSRAPID	4	1	true	false	NONE	1	1	53.684	

Observation

Proposal 7195, Observation 16: NGC4388-MRS Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[NGC4388 - MRS - background (Obs 17)]

Diagnostics

(NGC4388-MRS (Obs 16)) Warning (Form): Imager Filter overlap.

(NGC4388-MRS (Obs 16)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	NGC4388-MRS	RA: 12 25 46.8200 (186.4450833d) Dec: +12 39 43.45 (12.66207d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	EXTENDED SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	45	1	1	Dither 1	4	4	53.914	
1	SHORT(A)	MRSLONG		FASTR1	45	1	1	Dither 1	4	4	499.507	
1	SHORT(A)	MRSSHORT		FASTR1	45	1	1	Dither 1	4	4	499.507	
2		IMAGER	F1000W	FASTR1	45	1	1	Dither 1	4	4	53.914	
2	MEDIUM(B)	MRSLONG		FASTR1	45	1	1	Dither 1	4	4	499.507	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	1	1	Dither 1	4	4	499.507	
3		IMAGER	F1800W	FASTR1	45	1	1	Dither 1	4	4	53.914	
3	LONG(C)	MRSLONG		FASTR1	45	1	1	Dither 1	4	4	499.507	
3	LONG(C)	MRSSHORT		FASTR1	45	1	1	Dither 1	4	4	499.507	

Special Requirements	Sequence Observations 17, 16 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 17: NGC4388 - MRS - background Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [NGC4388-MRS (Obs 16)]

Diagnostics

(NGC4388 - MRS - background (Obs 17)) Warning (Form): Imager Filter overlap.

(NGC4388 - MRS - background (Obs 17)) Warning (Form): Imager Filter overlap.

(Visit 17:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	NGC4388-BACKGROUND	RA: 12 25 54.5687 (186.4773696d) Dec: +12 39 49.30 (12.66369d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	10	20	1	Dither 1	2	40	131.19	
1	SHORT(A)	MRSLONG		FASTR1	45	1	1	Dither 1	2	2	249.754	
1	SHORT(A)	MRSSHORT		FASTR1	45	1	1	Dither 1	2	2	249.754	
2		IMAGER	F1000W	FASTR1	10	20	1	Dither 1	2	40	131.19	
2	MEDIUM(B)	MRSLONG		FASTR1	45	1	1	Dither 1	2	2	249.754	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	1	1	Dither 1	2	2	249.754	
3		IMAGER	F1800W	FASTR1	10	20	1	Dither 1	2	40	131.19	
3	LONG(C)	MRSLONG		FASTR1	45	1	1	Dither 1	2	2	249.754	
3	LONG(C)	MRSSHORT		FASTR1	45	1	1	Dither 1	2	2	249.754	

Special Requirements	Sequence Observations 17, 16 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 58: NGC4388- NIRSpec

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

(Visit 58:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(11)	NGC4388-NIRSPEC	RA: 12 25 46.8200 (186.4450833d) Dec: +12 39 43.45 (12.66207d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Template

TA Method	HFF Readout Mode
NONE	false

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	4-POINT-DITHER				

Spectral Elements

#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	G395H/F290LP	NRSRAPID	20	1	false	true	NONE	4	4	901.889	
2	G395H/F290LP	NRSRAPID	20	1	true	true	NONE	4	4	901.889	

Observation

Proposal 7195, Observation 62: NGC5643- NIRSpec

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(16)	NGC5643-NIRSPEC	RA: 14 32 40.6990 (218.1695792d) Dec: -44 10 27.93 (-44.17442d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Template

TA Method	HFF Readout Mode
NONE	false

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	4-POINT-DITHER				

Spectral Elements

#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	G395H/F290LP	NRSRAPID	23	2	false	true	NONE	4	8	2061.46	
2	G395H/F290LP	NRSRAPID	23	2	true	true	NONE	4	8	2061.46	

Observation

Proposal 7195, Observation 75: NGC5643-MIRI imaging

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 75:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	NGC5643-Imaging	RA: 14 32 40.6990 (218.1695792d) Dec: -44 10 27.93 (-44.17442d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Template

Subarray
SUB256

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	1	4						DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	F1000W	FASTR1	5	9	1	Dither 1	4	36	63.498	
2	F1800W	FASTR1	5	9	1	Dither 1	4	36	63.498	

Observation

Proposal 7195, Observation 25: NGC6300-MRS Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[NGC6300 - MRS - background (Obs 26)]

Diagnostics

(NGC6300-MRS (Obs 25)) Warning (Form): Imager Filter overlap.

(NGC6300-MRS (Obs 25)) Warning (Form): Imager Filter overlap.

(Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(17)	NGC6300-MRS	RA: 17 16 59.5418 (259.2480908d) Dec: -62 49 13.95 (-62.82054d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	EXTENDED SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	45	1	1	Dither 1	4	4	53.914	
1	SHORT(A)	MRSLONG		FASTR1	45	1	1	Dither 1	4	4	499.507	
1	SHORT(A)	MRSSHORT		FASTR1	45	1	1	Dither 1	4	4	499.507	
2		IMAGER	F1000W	FASTR1	45	1	1	Dither 1	4	4	53.914	
2	MEDIUM(B)	MRSLONG		FASTR1	45	1	1	Dither 1	4	4	499.507	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	1	1	Dither 1	4	4	499.507	
3		IMAGER	F1800W	FASTR1	45	1	1	Dither 1	4	4	53.914	
3	LONG(C)	MRSLONG		FASTR1	45	1	1	Dither 1	4	4	499.507	
3	LONG(C)	MRSSHORT		FASTR1	45	1	1	Dither 1	4	4	499.507	

Special Requirements	Sequence Observations 26, 25 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 26: NGC6300 - MRS - background Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [NGC6300-MRS (Obs 25)]

Diagnostics

(NGC6300 - MRS - background (Obs 26)) Warning (Form): Imager Filter overlap.

(NGC6300 - MRS - background (Obs 26)) Warning (Form): Imager Filter overlap.

(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(18)	NGC6300-BACKGROUND	RA: 17 17 0.5470 (259.2522792d) Dec: -62 47 17.38 (-62.78816d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	10	10	1	Dither 1	2	20	65.295	
1	SHORT(A)	MRSLONG		FASTR1	45	1	1	Dither 1	2	2	249.754	
1	SHORT(A)	MRSSHORT		FASTR1	45	1	1	Dither 1	2	2	249.754	
2		IMAGER	F1000W	FASTR1	10	10	1	Dither 1	2	20	65.295	
2	MEDIUM(B)	MRSLONG		FASTR1	45	1	1	Dither 1	2	2	249.754	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	1	1	Dither 1	2	2	249.754	
3		IMAGER	F1800W	FASTR1	10	10	1	Dither 1	2	20	65.295	
3	LONG(C)	MRSLONG		FASTR1	45	1	1	Dither 1	2	2	249.754	
3	LONG(C)	MRSSHORT		FASTR1	45	1	1	Dither 1	2	2	249.754	

Special Requirements	Sequence Observations 26, 25 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 64: NGC6300- NIRSpec

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(19)	NGC6300-NIRSPEC	RA: 17 16 59.5418 (259.2480908d) Dec: -62 49 13.95 (-62.82054d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Template

TA Method	HFF Readout Mode
NONE	false

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	4-POINT-DITHER				

Spectral Elements

#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	G395H/F290LP	NRSRAPID	20	1	false	true	NONE	4	4	901.889	
2	G395H/F290LP	NRSRAPID	20	1	true	true	NONE	4	4	901.889	

Observation

Proposal 7195, Observation 43: NGC6814-MRS

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[NGC6814 - MRS - background (Obs 44)]

Diagnostics

(NGC6814-MRS (Obs 43)) Warning (Form): Imager Filter overlap.

(NGC6814-MRS (Obs 43)) Warning (Form): Imager Filter overlap.

(Visit 43:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(23)	NGC6814-MRS	RA: 19 42 40.5863 (295.6691096d) Dec: -10 19 25.10 (-10.32364d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	EXTENDED SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1800W	FASTR1	45	1	1	Dither 1	4	4	53.914	
1	LONG(C)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
1	LONG(C)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	
2		IMAGER	F1000W	FASTR1	45	1	1	Dither 1	4	4	53.914	
2	MEDIUM(B)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	
3		IMAGER	F1500W	FASTR1	45	1	1	Dither 1	4	4	53.914	
3	SHORT(A)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
3	SHORT(A)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	

Special Requirements	Sequence Observations 44, 43 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 44: NGC6814 - MRS - background Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [NGC6814-MRS (Obs 43)]

Diagnostics

(NGC6814 - MRS - background (Obs 44)) Warning (Form): Imager Filter overlap.

(NGC6814 - MRS - background (Obs 44)) Warning (Form): Imager Filter overlap.

(Visit 44:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(24)	NGC6814-BACKGROUND	RA: 19 42 46.4636 (295.6935983d) Dec: -10 18 11.79 (-10.30327d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1800W	FASTR1	10	20	1	Dither 1	2	40	131.19	
1	LONG(C)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
1	LONG(C)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	
2		IMAGER	F1000W	FASTR1	10	20	1	Dither 1	2	40	131.19	
2	MEDIUM(B)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	
3		IMAGER	F1500W	FASTR1	10	20	1	Dither 1	2	40	131.19	
3	SHORT(A)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
3	SHORT(A)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	

Special Requirements	Sequence Observations 44, 43 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 68: NGC6814- NIRSpec

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(25)	NGC6814-NIRSPEC	RA: 19 42 40.5863 (295.6691096d) Dec: -10 19 25.10 (-10.32364d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Template

TA Method	HFF Readout Mode
NONE	false

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	4-POINT-DITHER				

Spectral Elements

#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	G395H/F290LP	NRSRAPID	23	2	false	true	NONE	4	8	2061.46	
2	G395H/F290LP	NRSRAPID	23	2	true	false	NONE	1	2	515.365	

Observation

Proposal 7195, Observation 40: NGC7213-MRS

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[NGC7213 - MRS - background (Obs 41)]

Diagnostics

(NGC7213-MRS (Obs 40)) Warning (Form): Imager Filter overlap.

(NGC7213-MRS (Obs 40)) Warning (Form): Imager Filter overlap.

(Visit 40:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(26)	NGC7213-MRS	RA: 22 09 16.2097 (332.3175404d) Dec: -47 10 0.12 (-47.16670d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	EXTENDED SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	10	10	1	Dither 1	4	40	130.591	
1	SHORT(A)	MRSLONG		FASTR1	45	1	1	Dither 1	4	4	499.507	
1	SHORT(A)	MRSSHORT		FASTR1	45	1	1	Dither 1	4	4	499.507	
2		IMAGER	F1000W	FASTR1	10	10	1	Dither 1	4	40	130.591	
2	MEDIUM(B)	MRSLONG		FASTR1	45	1	1	Dither 1	4	4	499.507	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	1	1	Dither 1	4	4	499.507	
3		IMAGER	F1800W	FASTR1	10	10	1	Dither 1	4	40	130.591	
3	LONG(C)	MRSLONG		FASTR1	45	1	1	Dither 1	4	4	499.507	
3	LONG(C)	MRSSHORT		FASTR1	45	1	1	Dither 1	4	4	499.507	

Special Requirements	Sequence Observations 41, 40 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 41: NGC7213 - MRS - background Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [NGC7213-MRS (Obs 40)]

Diagnostics

(NGC7213 - MRS - background (Obs 41)) Warning (Form): Imager Filter overlap.

(NGC7213 - MRS - background (Obs 41)) Warning (Form): Imager Filter overlap.

(Visit 41:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(27)	NGC7213-BACKGROUND	RA: 22 09 18.2278 (332.3259492d) Dec: -47 08 8.27 (-47.13563d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	10	20	1	Dither 1	2	40	131.19	
1	SHORT(A)	MRSLONG		FASTR1	45	1	1	Dither 1	2	2	249.754	
1	SHORT(A)	MRSSHORT		FASTR1	45	1	1	Dither 1	2	2	249.754	
2		IMAGER	F1000W	FASTR1	10	20	1	Dither 1	2	40	131.19	
2	MEDIUM(B)	MRSLONG		FASTR1	45	1	1	Dither 1	2	2	249.754	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	1	1	Dither 1	2	2	249.754	
3		IMAGER	F1800W	FASTR1	10	20	1	Dither 1	2	40	131.19	
3	LONG(C)	MRSLONG		FASTR1	45	1	1	Dither 1	2	2	249.754	
3	LONG(C)	MRSSHORT		FASTR1	45	1	1	Dither 1	2	2	249.754	

Special Requirements	Sequence Observations 41, 40 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 70: NGC7213- NIRSpec

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(28)	NGC7213-NIRSPEC	RA: 22 09 16.2097 (332.3175404d) Dec: -47 10 0.12 (-47.16670d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Template

TA Method	HFF Readout Mode
NONE	false

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	4-POINT-DITHER				

Spectral Elements

#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	G395H/F290LP	NRSRAPID	20	1	true	false	NONE	1	1	225.472	
2	G395H/F290LP	NRSRAPID	20	1	false	true	NONE	4	4	901.889	

Observation

Proposal 7195, Observation 46: NGC7314-MRS

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[NGC7314 - MRS - background (Obs 47)]

Diagnostics

(NGC7314-MRS (Obs 46)) Warning (Form): Imager Filter overlap.

(NGC7314-MRS (Obs 46)) Warning (Form): Imager Filter overlap.

(Visit 46:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(29)	NGC7314-MRS	RA: 22 35 46.1997 (338.9424987d) Dec: -26 03 1.58 (-26.05044d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	EXTENDED SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	45	1	1	Dither 1	4	4	53.914	
1	SHORT(A)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
1	SHORT(A)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	
2		IMAGER	F1000W	FASTR1	45	1	1	Dither 1	4	4	53.914	
2	MEDIUM(B)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	
3		IMAGER	F1800W	FASTR1	45	1	1	Dither 1	4	4	53.914	
3	LONG(C)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
3	LONG(C)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	

Special Requirements	Sequence Observations 47, 46 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 47: NGC7314 - MRS - background Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [NGC7314-MRS (Obs 46)]

Diagnostics

(NGC7314 - MRS - background (Obs 47)) Warning (Form): Imager Filter overlap.

(NGC7314 - MRS - background (Obs 47)) Warning (Form): Imager Filter overlap.

(Visit 47:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(30)	NGC7314-BACKGROUND	RA: 22 35 49.5708 (338.9565450d) Dec: -26 01 16.43 (-26.02123d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	10	20	1	Dither 1	2	40	131.19	
1	SHORT(A)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
1	SHORT(A)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	
2		IMAGER	F1000W	FASTR1	10	20	1	Dither 1	2	40	131.19	
2	MEDIUM(B)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	
3		IMAGER	F1800W	FASTR1	10	20	1	Dither 1	2	40	131.19	
3	LONG(C)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
3	LONG(C)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	

Special Requirements	Sequence Observations 47, 46 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 72: NGC7314- NIRSpec

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(31)	NGC7314-NIRSPEC	RA: 22 35 46.1997 (338.9424987d) Dec: -26 03 1.58 (-26.05044d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Template

TA Method	HFF Readout Mode
NONE	false

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	4-POINT-DITHER				

Spectral Elements

#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	G395H/F290LP	NRSRAPID	23	2	false	true	NONE	4	8	2061.46	
2	G395H/F290LP	NRSRAPID	23	2	true	true	NONE	4	8	2061.46	

Observation

Proposal 7195, Observation 49: NGC7465-MRS Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[NGC7465 - MRS - background (Obs 50)]

Diagnostics

(NGC7465-MRS (Obs 49)) Warning (Form): Imager Filter overlap.

(NGC7465-MRS (Obs 49)) Warning (Form): Imager Filter overlap.

(Visit 49:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(32)	NGC7465-MRS	RA: 23 02 0.9604 (345.5040017d) Dec: +15 57 53.24 (15.96479d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	4-Point	EXTENDED SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	45	1	1	Dither 1	4	4	53.914	
1	SHORT(A)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
1	SHORT(A)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	
2		IMAGER	F1000W	FASTR1	45	1	1	Dither 1	4	4	53.914	
2	MEDIUM(B)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	
3		IMAGER	F1800W	FASTR1	45	1	1	Dither 1	4	4	53.914	
3	LONG(C)	MRSLONG		FASTR1	45	2	1	Dither 1	4	8	1010.115	
3	LONG(C)	MRSSHORT		FASTR1	45	2	1	Dither 1	4	8	1010.115	

Special Requirements	Sequence Observations 50, 49 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 50: NGC7465 - MRS - background Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [NGC7465-MRS (Obs 49)]

Diagnostics

(NGC7465 - MRS - background (Obs 50)) Warning (Form): Imager Filter overlap.

(NGC7465 - MRS - background (Obs 50)) Warning (Form): Imager Filter overlap.

(Visit 50:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(33)	NGC7465-BACKGROUND	RA: 23 02 6.0494 (345.5252058d) Dec: +15 59 19.58 (15.98877d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
	All MRS	YES	SUB256	Allow Auto Reorder

Dithers

#	Dither Type	Optimized For	Direction
1	2-Point	POINT SOURCE	NEGATIVE

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1		IMAGER	F1500W	FASTR1	10	20	1	Dither 1	2	40	131.19	
1	SHORT(A)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
1	SHORT(A)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	
2		IMAGER	F1000W	FASTR1	10	20	1	Dither 1	2	40	131.19	
2	MEDIUM(B)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
2	MEDIUM(B)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	
3		IMAGER	F1800W	FASTR1	10	20	1	Dither 1	2	40	131.19	
3	LONG(C)	MRSLONG		FASTR1	45	2	1	Dither 1	2	4	505.057	
3	LONG(C)	MRSSHORT		FASTR1	45	2	1	Dither 1	2	4	505.057	

Special Requirements	Sequence Observations 50, 49 (reordered), Non-interruptible

Observation

Proposal 7195, Observation 74: NGC7465- NIRSpec

Tue Sep 02 16:00:14 GMT 2025

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

(Visit 74:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(34)	NGC7465-NIRSPEC	RA: 23 02 0.9604 (345.5040017d) Dec: +15 57 53.24 (15.96479d) Equinox: J2000	Epoch of Position: 2015.5	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Galaxy
Description=[Active galactic nuclei]

Template

TA Method	HFF Readout Mode
NONE	false

Dithers

#	Dither Type	Size	Starting Point	Number of Points	Points
1	4-POINT-DITHER				

Spectral Elements

#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	Optional ETC ID
1	G395H/F290LP	NRSRAPID	23	2	false	true	NONE	4	8	2061.46	
2	G395H/F290LP	NRSRAPID	23	2	true	false	NONE	1	2	515.365	