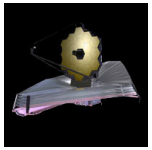

2124 - Explaining the Diversity of Cold Worlds

Cycle: 1, Proposal Category: GO

INVESTIGATORS

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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
NIRSPEC OBSERVING				
	1	1935-1546	NIRSpec Fixed Slit Spectroscopy	(1) J193518.59-154620.3

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	51	1935-1546	NIRSpec Fixed Slit Spectroscopy	(51) J193518.59-154620.3-COPY
	2	0503-5648	NIRSpec Fixed Slit Spectroscopy	(2) J050305.68-564834.0
	52	0503-5648	NIRSpec Fixed Slit Spectroscopy	(52) J050305.68-564834.0-COPY
	3	0535-7500	NIRSpec Fixed Slit Spectroscopy	(3) J053516.80-750024.9
	4	0825+2805	NIRSpec Fixed Slit Spectroscopy	(4) J082507.37+280548.2
	5	1541-2250	NIRSpec Fixed Slit Spectroscopy	(5) J154151.66-225025.2
	6	0146+4234	NIRSpec Fixed Slit Spectroscopy	(6) J014656.66+423410.0
	56	0146+4234	NIRSpec Fixed Slit Spectroscopy	(56) J014656.66+423410.0-COPY
	7	1711+3500	NIRSpec Fixed Slit Spectroscopy	(7) J171104.60+350036.8
	8	0751-7634	NIRSpec Fixed Slit Spectroscopy	(8) J075108.79-763449.6
	9	0415-0935	NIRSpec Fixed Slit Spectroscopy	(9) J041521.21-093500.6
	59	0415-0935	NIRSpec Fixed Slit Spectroscopy	(59) J041521.21-093500.6-COPY
	10	2220-3628	NIRSpec Fixed Slit Spectroscopy	(10) J222055.31-362817.4
	11	1405+5534	NIRSpec Fixed Slit Spectroscopy	(11) J140518.39+553421.3
	12	2354+0240	NIRSpec Fixed Slit Spectroscopy	(12) J235402.79+024014.1
MIRI IMAGING				
	14	1935-Miri	MIRI Imaging	(1) J193518.59-154620.3
	19	0146-Miri	MIRI Imaging	(6) J014656.66+423410.0
	20	1711-Miri	MIRI Imaging	(7) J171104.60+350036.8
	21	0751-Miri	MIRI Imaging	(8) J075108.79-763449.6
	22	0415-Miri	MIRI Imaging	(9) J041521.21-093500.6
	23	2220-Miri	MIRI Imaging	(10) J222055.31-362817.4
	24	1405-Miri	MIRI Imaging	(11) J140518.39+553421.3
	25	2354-Miri	MIRI Imaging	(12) J235402.79+024014.1
	18	1541-Miri	MIRI Imaging	(5) J154151.66-225025.2
	17	0825-Miri	MIRI Imaging	(4) J082507.37+280548.2
	16	0535-Miri	MIRI Imaging	(3) J053516.80-750024.9
	15	0503-Miri	MIRI Imaging	(2) J050305.68-564834.0

ABSTRACT

Using cold brown dwarfs to understand Jupiter-like atmospheres hinges on defining and explaining their diverse properties. In this JWST proposal we have used the parallax sample of the reddest/faintest brown dwarfs to define a sample of 12 sources that share a common mid infrared color -- our

proxy for temperature -- but show meaningfully different 4.5 micron absolute magnitudes. Guided by what we have found for warmer brown dwarfs, we will use JWST data on this sample to map the diversity of cold brown dwarfs in (A) cloud properties (B) metallicity (C) gravity (D) binarity (E) overall chemistry or a combination of two or more of these properties. Understanding how each of those parameters alters the observable properties of a brown dwarf or giant exoplanet is crucial to interpreting cold worlds beyond our own. Using JWST spectra and photometry, we will compute bolometric luminosities for all 12 objects in our sample and use those values to anchor our mid infrared color binning. We will then compare and contrast spectral features at the peak of the spectral energy distribution that can be attributed to any of the known secondary impacts listed above. In doing so, this proposal will create a JWST legacy observational road map for both low-mass brown dwarfs and cold giant exoplanets to interpret the complex data emerging from extrasolar Jupiter-like objects.

OBSERVING DESCRIPTION

This proposal is to obtain NIRSPEC G395H spectra and MIRI F1000W, F1280W, and F1800W imaging for 12 brown dwarfs. The sources vary in Spitzer ch2 brightness from 12.3 mag to 15.5 mag. For the NIRSPEC spectra we use the S200A1 slit and we use three dithers along the slit for the observations. Acquisition images are all WATA using the SUB2048 subarray and the clear filter. For MIRI observing we use the full subarray in all cases. Each source has a large proper motion and parallax which are known and entered. We found no special requirements for the observations.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	J193518.59-154620.3	RA: 19 35 18.5866 (293.8274442d) Dec: -15 46 20.33 (-15.77231d) Equinox: J2000	Proper Motion RA: 290.2 mas/yr Proper Motion Dec: 43.1 mas/yr Parallax: .0693" Epoch of Position: 2000.0	
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*				
(2)	J050305.68-564834.0	RA: 05 03 6.2777 (75.7761571d) Dec: -56 48 31.78 (-56.80883d) Equinox: J2000	Proper Motion RA: 759.2 mas/yr Proper Motion Dec: 288.2 mas/yr Parallax: .0983" Epoch of Position: 2000.0	
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*				
(3)	J053516.80-750024.9	RA: 05 35 16.8720 (83.8203000d) Dec: -75 00 24.84 (-75.00690d) Equinox: J2000	Proper Motion RA: -123.7 mas/yr Proper Motion Dec: 19.6 mas/yr Parallax: .0664" Epoch of Position: 2000.0	
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*				
(4)	J082507.37+280548.2	RA: 08 25 7.3248 (126.2805200d) Dec: +28 05 47.20 (28.09644d) Equinox: J2000	Proper Motion RA: -66.7 mas/yr Proper Motion Dec: -235.8 mas/yr Parallax: 0.1526" Epoch of Position: 2015.5264	
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*				
(5)	J154151.66-225025.2	RA: 15 41 51.2856 (235.4636900d) Dec: -22 50 26.11 (-22.84059d) Equinox: J2000	Proper Motion RA: -902.8 mas/yr Proper Motion Dec: -91.4 mas/yr Parallax: .1669" Epoch of Position: 2015.3569	
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*				
(6)	J014656.66+423410.0	RA: 01 46 56.6640 (26.7361000d) Dec: +42 34 9.84 (42.56940d) Equinox: J2000	Proper Motion RA: -452 mas/yr Proper Motion Dec: -27.9 mas/yr Parallax: .0525" Epoch of Position: 2000.0	
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*				

(7)	J171104.60+350036.8	RA: 17 11 4.5168 (257.7688200d) Dec: +35 00 36.37 (35.01010d) Equinox: J2000	Proper Motion RA: -157.6 mas/yr Proper Motion Dec: -76.3 mas/yr Parallax: 0.0433" Epoch of Position: 2016.5356
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*			
(8)	J075108.79-763449.6	RA: 07 51 8.7480 (117.7864500d) Dec: -76 34 50.30 (-76.58064d) Equinox: J2000	Proper Motion RA: -104.8 mas/yr Proper Motion Dec: -190 mas/yr Parallax: 0.098" Epoch of Position: 2013.23
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*			
(9)	J041521.21-093500.6	RA: 04 15 22.1742 (63.8423925d) Dec: -09 34 57.16 (-9.58254d) Equinox: J2000	Proper Motion RA: 2214.2 mas/yr Proper Motion Dec: 536.1 mas/yr Parallax: 0.1752" Epoch of Position: 2000.0
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*			
(10)	J222055.31-362817.4	RA: 22 20 55.4496 (335.2310400d) Dec: -36 28 18.04 (-36.47168d) Equinox: J2000	Proper Motion RA: 290.1 mas/yr Proper Motion Dec: -97.1 mas/yr Parallax: 0.0955" Epoch of Position: 2015.5905
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*			
(11)	J140518.39+553421.3	RA: 14 05 16.9488 (211.3206200d) Dec: +55 34 22.43 (55.57290d) Equinox: J2000	Proper Motion RA: -2334.8 mas/yr Proper Motion Dec: 226.8 mas/yr Parallax: 0.1582" Epoch of Position: 2015.6187
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*			
(12)	J235402.79+024014.1	RA: 23 54 2.9995 (358.5124979d) Dec: +02 40 11.63 (2.66990d) Equinox: J2000	Proper Motion RA: 503.5 mas/yr Proper Motion Dec: -399.5 mas/yr Parallax: 0.1306" Epoch of Position: 2017.289
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*			

(51)	J193518.59-154620.3-COPY	RA: 19 35 18.7380 (293.8280750d) Dec: -15 46 20.33 (-15.77231d) Equinox: J2000	Proper Motion RA: 290.2 mas/yr Proper Motion Dec: 43.1 mas/yr Parallax: .0693" Epoch of Position: 2022.71679665
Comments: This is a copy of Target 1 *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*			
(52)	J050305.68-564834.0-COPY	RA: 05 03 6.9359 (75.7788996d) Dec: -56 48 29.44 (-56.80818d) Equinox: J2000	Proper Motion RA: 759.2 mas/yr Proper Motion Dec: 288.2 mas/yr Parallax: .0983" Epoch of Position: 2022.69693307
Comments: This is a copy of Target 2 *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*			
(56)	J014656.66+423410.0-COPY	RA: 01 46 56.1490 (26.7339542d) Dec: +42 34 9.61 (42.56934d) Equinox: J2000	Proper Motion RA: -451.6 mas/yr Proper Motion Dec: -33.1 mas/yr Parallax: .0517" Epoch of Position: 2022.71889110
Comments: This is a copy of Target 6 *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*			
(59)	J041521.21-093500.6-COPY	RA: 04 15 23.1299 (63.8463746d) Dec: -09 34 53.77 (-9.58160d) Equinox: J2000	Proper Motion RA: 2214.3 mas/yr Proper Motion Dec: 535.9 mas/yr Parallax: 0.1752" Epoch of Position: 2022.71223488
Comments: This is a copy of Target 9 *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*			

Observation

Proposal 2124, Observation 1: 1935-1546

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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)	J193518.59-154620.3	RA: 19 35 18.5866 (293.8274442d) Dec: -15 46 20.33 (-15.77231d) Equinox: J2000	Proper Motion RA: 290.2 mas/yr Proper Motion Dec: 43.1 mas/yr Parallax: .0693" Epoch of Position: 2000.0	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	1 J193518.59-154620.3	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	61325.34

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	46	11	1	NONE	3	33	2417.134	61325.36

Observation

Proposal 2124, Observation 51: 1935-1546 Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

Comments: This is a duplicate of failed observation 01

Diagnostics

(Visit 51:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(51)	J193518.59-154620.3-COPY	RA: 19 35 18.7380 (293.8280750d) Dec: -15 46 20.33 (-15.77231d) Equinox: J2000	Proper Motion RA: 290.2 mas/yr Proper Motion Dec: 43.1 mas/yr Parallax: .0693" Epoch of Position: 2022.71679665	

Comments: This is a copy of Target 1
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	51 J193518.59-154620.3-COPY	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	61325.34

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	46	11	1	NONE	3	33	2417.134	61325.36

Observation

Proposal 2124, Observation 2: 0503-5648

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(2)	J050305.68-564834.0	RA: 05 03 6.2777 (75.7761571d) Dec: -56 48 31.78 (-56.80883d) Equinox: J2000	Proper Motion RA: 759.2 mas/yr Proper Motion Dec: 288.2 mas/yr Parallax: .0983" Epoch of Position: 2000.0	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	2 J050305.68-564834.0	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.39

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	44	23	1	NONE	3	69	4839.003	

Observation

Proposal 2124, Observation 52: 0503-5648 Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

Comments: This is a duplicate of failed observation 02

Diagnostics

(Visit 52:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(52)	J050305.68-564834.0-COPY	RA: 05 03 6.9359 (75.7788996d) Dec: -56 48 29.44 (-56.80818d) Equinox: J2000	Proper Motion RA: 759.2 mas/yr Proper Motion Dec: 288.2 mas/yr Parallax: .0983" Epoch of Position: 2022.69693307	

Comments: This is a copy of Target 2
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	52 J050305.68-564834.0-COPY	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.39

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	44	23	1	NONE	3	69	4839.003	

Observation

Proposal 2124, Observation 3: 0535-7500

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(3)	J053516.80-750024.9	RA: 05 35 16.8720 (83.8203000d) Dec: -75 00 24.84 (-75.00690d) Equinox: J2000	Proper Motion RA: -123.7 mas/yr Proper Motion Dec: 19.6 mas/yr Parallax: .0664" Epoch of Position: 2000.0	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	3 J053516.80-750024.9	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.33

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	40	7	1	NONE	3	21	1341.868	

Observation

Proposal 2124, Observation 4: 0825+2805

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(4)	J082507.37+280548.2	RA: 08 25 7.3248 (126.2805200d) Dec: +28 05 47.20 (28.09644d) Equinox: J2000	Proper Motion RA: -66.7 mas/yr Proper Motion Dec: -235.8 mas/yr Parallax: 0.1526" Epoch of Position: 2015.5264	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	4 J082507.37+280548.2	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.30

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	38	5	1	NONE	3	15	911.737	

Observation

Proposal 2124, Observation 5: 1541-2250

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(5)	J154151.66-225025.2	RA: 15 41 51.2856 (235.4636900d) Dec: -22 50 26.11 (-22.84059d) Equinox: J2000	Proper Motion RA: -902.8 mas/yr Proper Motion Dec: -91.4 mas/yr Parallax: .1669" Epoch of Position: 2015.3569	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	5 J154151.66-225025.2	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.26

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	24	6	1	NONE	3	18	701.469	

Observation

Proposal 2124, Observation 6: 0146+4234

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(6)	J014656.66+423410.0	RA: 01 46 56.6640 (26.7361000d) Dec: +42 34 9.84 (42.56940d) Equinox: J2000	Proper Motion RA: -452 mas/yr Proper Motion Dec: -27.9 mas/yr Parallax: .0525" Epoch of Position: 2000.0	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	6 J014656.66+423410.0	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.23

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	37	10	1	NONE	3	30	1776.734	

Observation

Proposal 2124, Observation 56: 0146+4234 Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

Comments: This is a duplicate of failed observation 06

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
(56)	J014656.66+423410.0-COPY	RA: 01 46 56.1490 (26.7339542d) Dec: +42 34 9.61 (42.56934d) Equinox: J2000	Proper Motion RA: -451.6 mas/yr Proper Motion Dec: -33.1 mas/yr Parallax: .0517" Epoch of Position: 2022.71889110	

Comments: This is a copy of Target 6
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	56 J014656.66+423410.0-COPY	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.23

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	37	10	1	NONE	3	30	1776.734	

Observation

Proposal 2124, Observation 7: 1711+3500

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(7)	J171104.60+350036.8	RA: 17 11 4.5168 (257.7688200d) Dec: +35 00 36.37 (35.01010d) Equinox: J2000	Proper Motion RA: -157.6 mas/yr Proper Motion Dec: -76.3 mas/yr Parallax: 0.0433" Epoch of Position: 2016.5356	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	7 J171104.60+350036.8	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.17

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	28	10	1	NONE	3	30	1356.074	

Observation

Proposal 2124, Observation 8: 0751-7634

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(8)	J075108.79-763449.6	RA: 07 51 8.7480 (117.7864500d) Dec: -76 34 50.30 (-76.58064d) Equinox: J2000	Proper Motion RA: -104.8 mas/yr Proper Motion Dec: -190 mas/yr Parallax: 0.098" Epoch of Position: 2013.23	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	8 J075108.79-763449.6	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.20

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	26	11	1	NONE	3	33	1388.854	

Observation

Proposal 2124, Observation 9: 0415-0935

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(9)	J041521.21-093500.6	RA: 04 15 22.1742 (63.8423925d) Dec: -09 34 57.16 (-9.58254d) Equinox: J2000	Proper Motion RA: 2214.2 mas/yr Proper Motion Dec: 536.1 mas/yr Parallax: 0.1752" Epoch of Position: 2000.0	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	9 J041521.21-093500.6	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.50

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	11	3	1	NONE	3	9	168.448	

Observation

Proposal 2124, Observation 59: 0415-0935 Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

Comments: This is a duplicate of failed observation 09

Diagnostics

(Visit 59:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(59)	J041521.21-093500.6-COPY	RA: 04 15 23.1299 (63.8463746d) Dec: -09 34 53.77 (-9.58160d) Equinox: J2000	Proper Motion RA: 2214.3 mas/yr Proper Motion Dec: 535.9 mas/yr Parallax: 0.1752" Epoch of Position: 2022.71223488	

Comments: This is a copy of Target 9
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	59 J041521.21-093500.6-COPY	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.50

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	11	3	1	NONE	3	9	168.448	

Observation

Proposal 2124, Observation 10: 2220-3628

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(10)	J222055.31-362817.4	RA: 22 20 55.4496 (335.2310400d) Dec: -36 28 18.04 (-36.47168d) Equinox: J2000	Proper Motion RA: 290.1 mas/yr Proper Motion Dec: -97.1 mas/yr Parallax: 0.0955" Epoch of Position: 2015.5905	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	10 J222055.31-362817.4	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.60

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	28	10	1	NONE	3	30	1356.074	

Observation

Proposal 2124, Observation 11: 1405+5534

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(11)	J140518.39+553421.3	RA: 14 05 16.9488 (211.3206200d) Dec: +55 34 22.43 (55.57290d) Equinox: J2000	Proper Motion RA: -2334.8 mas/yr Proper Motion Dec: 226.8 mas/yr Parallax: 0.1582" Epoch of Position: 2015.6187	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	11 J140518.39+553421.3	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.61

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	20	7	1	NONE	3	21	687.508	

Observation

Proposal 2124, Observation 12: 2354+0240

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(12)	J235402.79+024014.1	RA: 23 54 2.9995 (358.5124979d) Dec: +02 40 11.63 (2.66990d) Equinox: J2000	Proper Motion RA: 503.5 mas/yr Proper Motion Dec: -399.5 mas/yr Parallax: 0.1306" Epoch of Position: 2017.289	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Acquisition

#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	12 J235402.79+024014.1	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	62849.62

Template

Slit	Subarray
S200A1	SUBS200A1

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	3	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G395H/F290LP	S200A1	NRSRAPID	28	9	1	NONE	3	27	1220.467	

Observation

Proposal 2124, Observation 14: 1935-Miri Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	J193518.59-154620.3	RA: 19 35 18.5866 (293.8274442d) Dec: -15 46 20.33 (-15.77231d) Equinox: J2000	Proper Motion RA: 290.2 mas/yr Proper Motion Dec: 43.1 mas/yr Parallax: .0693" Epoch of Position: 2000.0	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	15	1	1	Dither 1	2	2	83.251	
2	F1280W	FASTR1	13	1	1	Dither 1	2	2	72.151	
3	F1800W	FASTR1	11	1	1	Dither 1	2	2	61.051	

Observation

Proposal 2124, Observation 19: 0146-Miri Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	J014656.66+423410.0	RA: 01 46 56.6640 (26.7361000d) Dec: +42 34 9.84 (42.56940d) Equinox: J2000	Proper Motion RA: -452 mas/yr Proper Motion Dec: -27.9 mas/yr Parallax: .0525" Epoch of Position: 2000.0	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	7	1	1	Dither 1	2	2	38.851	
2	F1280W	FASTR1	8	1	1	Dither 1	2	2	44.401	
3	F1800W	FASTR1	10	1	1	Dither 1	2	2	55.501	

Observation

Proposal 2124, Observation 20: 1711-Miri

Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	J171104.60+350036.8	RA: 17 11 4.5168 (257.7688200d) Dec: +35 00 36.37 (35.01010d) Equinox: J2000	Proper Motion RA: -157.6 mas/yr Proper Motion Dec: -76.3 mas/yr Parallax: 0.0433" Epoch of Position: 2016.5356	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	5	1	1	Dither 1	2	2	27.75	
2	F1280W	FASTR1	7	1	1	Dither 1	2	2	38.851	
3	F1800W	FASTR1	10	1	1	Dither 1	2	2	55.501	

Observation

Proposal 2124, Observation 21: 0751-Miri Fri Sep 30 16:00:55 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(8)	J075108.79-763449.6	RA: 07 51 8.7480 (117.7864500d) Dec: -76 34 50.30 (-76.58064d) Equinox: J2000	Proper Motion RA: -104.8 mas/yr Proper Motion Dec: -190 mas/yr Parallax: 0.098" Epoch of Position: 2013.23	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	5	1	1	Dither 1	2	2	27.75	
2	F1280W	FASTR1	7	1	1	Dither 1	2	2	38.851	
3	F1800W	FASTR1	10	1	1	Dither 1	2	2	55.501	

Observation

Proposal 2124, Observation 22: 0415-Miri Fri Sep 30 16:00:56 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(9)	J041521.21-093500.6	RA: 04 15 22.1742 (63.8423925d) Dec: -09 34 57.16 (-9.58254d) Equinox: J2000	Proper Motion RA: 2214.2 mas/yr Proper Motion Dec: 536.1 mas/yr Parallax: 0.1752" Epoch of Position: 2000.0	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	5	1	1	Dither 1	2	2	27.75	
2	F1280W	FASTR1	5	1	1	Dither 1	2	2	27.75	
3	F1800W	FASTR1	5	1	1	Dither 1	2	2	27.75	

Observation

Proposal 2124, Observation 23: 2220-Miri Fri Sep 30 16:00:56 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	J222055.31-362817.4	RA: 22 20 55.4496 (335.2310400d) Dec: -36 28 18.04 (-36.47168d) Equinox: J2000	Proper Motion RA: 290.1 mas/yr Proper Motion Dec: -97.1 mas/yr Parallax: 0.0955" Epoch of Position: 2015.5905	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	7	1	1	Dither 1	2	2	38.851	
2	F1280W	FASTR1	7	1	1	Dither 1	2	2	38.851	
3	F1800W	FASTR1	10	1	1	Dither 1	2	2	55.501	

Observation

Proposal 2124, Observation 24: 1405-Miri Fri Sep 30 16:00:56 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(11)	J140518.39+553421.3	RA: 14 05 16.9488 (211.3206200d) Dec: +55 34 22.43 (55.57290d) Equinox: J2000	Proper Motion RA: -2334.8 mas/yr Proper Motion Dec: 226.8 mas/yr Parallax: 0.1582" Epoch of Position: 2015.6187	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	5	1	1	Dither 1	2	2	27.75	
2	F1280W	FASTR1	5	1	1	Dither 1	2	2	27.75	
3	F1800W	FASTR1	5	1	1	Dither 1	2	2	27.75	

Observation

Proposal 2124, Observation 25: 2354-Miri Fri Sep 30 16:00:56 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	J235402.79+024014.1	RA: 23 54 2.9995 (358.5124979d) Dec: +02 40 11.63 (2.66990d) Equinox: J2000	Proper Motion RA: 503.5 mas/yr Proper Motion Dec: -399.5 mas/yr Parallax: 0.1306" Epoch of Position: 2017.289	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	12	1	1	Dither 1	2	2	66.601	
2	F1280W	FASTR1	7	1	1	Dither 1	2	2	38.851	
3	F1800W	FASTR1	10	1	1	Dither 1	2	2	55.501	

Observation

Proposal 2124, Observation 18: 1541-Miri Fri Sep 30 16:00:56 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	J154151.66-225025.2	RA: 15 41 51.2856 (235.4636900d) Dec: -22 50 26.11 (-22.84059d) Equinox: J2000	Proper Motion RA: -902.8 mas/yr Proper Motion Dec: -91.4 mas/yr Parallax: .1669" Epoch of Position: 2015.3569	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	5	1	1	Dither 1	2	2	27.75	
2	F1280W	FASTR1	5	1	1	Dither 1	2	2	27.75	
3	F1800W	FASTR1	5	1	1	Dither 1	2	2	27.75	

Observation

Proposal 2124, Observation 17: 0825-Miri Fri Sep 30 16:00:56 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	J082507.37+280548.2	RA: 08 25 7.3248 (126.2805200d) Dec: +28 05 47.20 (28.09644d) Equinox: J2000	Proper Motion RA: -66.7 mas/yr Proper Motion Dec: -235.8 mas/yr Parallax: 0.1526" Epoch of Position: 2015.5264	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	6	1	1	Dither 1	2	2	33.3	
2	F1280W	FASTR1	6	1	1	Dither 1	2	2	33.3	
3	F1800W	FASTR1	6	1	1	Dither 1	2	2	33.3	

Observation

Proposal 2124, Observation 16: 0535-Miri Fri Sep 30 16:00:56 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI 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
(3)	J053516.80-750024.9	RA: 05 35 16.8720 (83.8203000d) Dec: -75 00 24.84 (-75.00690d) Equinox: J2000	Proper Motion RA: -123.7 mas/yr Proper Motion Dec: 19.6 mas/yr Parallax: .0664" Epoch of Position: 2000.0	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	7	1	1	Dither 1	2	2	38.851	
2	F1280W	FASTR1	7	1	1	Dither 1	2	2	38.851	
3	F1800W	FASTR1	7	1	1	Dither 1	2	2	38.851	

Observation

Proposal 2124, Observation 15: 0503-Miri Fri Sep 30 16:00:56 GMT 2022

Diagnostic Status: Warning

Observing Template: MIRI 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
(2)	J050305.68-564834.0	RA: 05 03 6.2777 (75.7761571d) Dec: -56 48 31.78 (-56.80883d) Equinox: J2000	Proper Motion RA: 759.2 mas/yr Proper Motion Dec: 288.2 mas/yr Parallax: .0983" Epoch of Position: 2000.0	

Comments:
Category=Star
Description=[Brown dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	2-Point								DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	15	1	1	Dither 1	2	2	83.251	
2	F1280W	FASTR1	25	1	1	Dither 1	2	2	138.752	
3	F1800W	FASTR1	20	1	1	Dither 1	2	2	111.002	