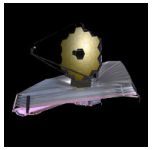

1189 - NIRCam Y-Dwarfs

Cycle: 1, Proposal Category: GTO

INVESTIGATORS

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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
J0348 Observations				
	1	NIRSpec Fixed slit	NIRSpec Fixed Slit Spectroscopy	(1) J03480772-6022270
	2	MIRI LRS	MIRI Low Resolution Spectroscopy	(1) J03480772-6022270
	3	NIRSpec Prism - Time Series	NIRSpec Fixed Slit Spectroscopy	(1) J03480772-6022270
J0458 Observations				
	4	NIRSpec IFU	NIRSpec IFU Spectroscopy	(2) J045853.89+643452.9
	5	MIRI Imaging	MIRI Imaging	(2) J045853.89+643452.9
	15	MIRI MRS (For MIRI Team)	MIRI Medium Resolution Spectroscopy	(2) J045853.89+643452.9
J1828 Observations				
	10	NIRCam Imaging	NIRCam Imaging	(5) J182831.08+265037.7

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	11	NIRCams NIRSPEC Fixed slit	NIRSpec Fixed Slit Spectroscopy	(5) J182831.08+265037.7
	16	MIRI MRS (For MIRI Team)	MIRI Medium Resolution Spectroscopy	(5) J182831.08+265037.7
	17	W1828 - NIRISS AMI (For NIRISS Team)	NIRISS Aperture Masking Interferometry	(5) J182831.08+265037.7
HD19467 Observations				
	12	HD19467- NIRCam - Roll m5 - LWBar	NIRCam Coronagraphic Imaging	(6) HD-19467
	62	HD19467- NIRCam - Roll m5 - 335R	NIRCam Coronagraphic Imaging	(6) HD-19467
	13	hd 19467 - NIRCam - Roll m5 - LB	NIRCam Coronagraphic Imaging	(6) HD-19467
	63	hd 19467 - NIRCam - Roll m5 - 335R	NIRCam Coronagraphic Imaging	(6) HD-19467
	14	Ref star - NIRCam - Roll p5 - LB	NIRCam Coronagraphic Imaging	(7) HD-19096
	64	Ref star - NIRCam - Roll p5 - 335R	NIRCam Coronagraphic Imaging	(7) HD-19096
UGPS0722-05				
	18	NIRSpec Fixed Slit	NIRSpec Fixed Slit Spectroscopy	(8) UGPS0722-05
	19	MIRI LRS	MIRI Low Resolution Spectroscopy	(8) UGPS0722-05

ABSTRACT

The nature of the coolest brown dwarfs - their formation, their atmospheres, including their composition, temperature, pressure structures, and the nature of any clouds that may be present is of particular interest for a number of reasons. Since they form where the Initial Mass Function is rolling off they provide important information about the star formation process. The fact that they appear to have different binarity fractions compared to higher mass stars also indicates that their formation process is different. Objects with masses in the range 5-10 MJup represent evolutionary end-state analogues for the exoplanets found in a younger, higher-temperature state orbiting nearby stars. Anchoring the model atmospheres for low mass objects will increase our understanding of these objects and perhaps lead to predictions of observable differences (e.g. metallicity) between objects formed via cloud fragmentation (low mass end of star formation) vs. those formed via accretion within a protoplanetary disk.

OBSERVING DESCRIPTION

This submission is a part of a coordinated program that uses all the JWST instruments to observe a selection of cool brown dwarfs. Other science instrument teams are contributing some of their GTO time and agreements are in place to share the data accordingly.

This program as submitted is under the time allocation given in the spreadsheet: "APT_organize_NIRCam STScI.xlsx".

Explanations for errors and warnings:

- GTO submission to be approved by STScI after submission

- PDF attachment not required for this submission

From NIRISS Co-I:
- NIRISS error: 1 AMI requires the use of a calibrator star. I have none defined - red flag - but it is all right. I will not need a PSF calibrator for my low expected contrast.

From the NIRISS technical evaluator at the STScI: The red cross AMI error for the target W1828 (Observtion 17) can be ignored (e-mail 11/15/17).

12/20/17. Disallowed G140M/070LP observation of J0458 has been switched back to the G140M/F100LP that was included in the April 2017 submission.

1/30/18 Updated list of co-Is to match agreements with other GTO instrument teams.

3/8/21 As suggested by Chritine Chen and Mario Gennaro, changed Obs 12 from 1 group with 3 integrations to 3 groups with 1 integration to reduce the impact of cosmic rays

9/17/21 Revisions:
- Changed all NIRSpec IFU observations, except for J0458, to fixed slit observations to avoid potenital issues with MSA leakage. Three dither positons along slit. Number of groups adjusted so that there was no change in the total exposure time, therefore the S/N should not have changed.

Kept the IFU observations for J0458 since it is a close binary and we can see both targets in the IFU.
- Are still keeping the observations for each target linked in a non-interruptable squence. This is imortant for these obejects, since they vary due to their rotation and their "weather", so in order to properly interpret the data from the different exposures they must be obtained in close temporal proximity.
- Changed MIRI Groups to eliminate the errors seen in the latest verision of APT per instructions from D. Barrado.
- All warnings have been investigted and are acceptable as is.
- None of these changes have caused an increase of the execution time for this APT plan.

7/10/22 Revisions:
- No changes to charged time for each object
- After reviewing the STScI concerns, the NIRISS team does not want to make any changes using their instrument
- After reviewing the STScI concerns, the MIRI team does not want to make any changes using their instrument
- Minor change in filters for NIRCam imaging observations of J1828: Switching the previous F150M / F360M combination to a F090W / F360M combination.
- Changing the NIRSpec fixed slit filter/grating configurations for J1828
-- from G235M/F170LP to G395H/F290LP, and
-- from G395M/290LP to Prism/Clear
Detector readout configurations and integration times remain unchanged
- Updated the position data for ALL the targets based on updated astrometry measurements. These objects all have high proper motions and this information needs to be updated since the program was originally submitted.

7/22/22 Revisions:
- Added SGD for Obs 14 reference star. Integrations were evenly split between dither positions. This change was made due to concerns from NIRCam commissioning team that source positioning on coronagraphic masks is not yet optimal this early in science operations, resulting in 60-70 mas of vertical offset from the LWBAR mask. Adding small grid dithers will help mitigate PSF subtraction residuals through post-processing.
- Total time increased from 27.47 hrs to 27.75 hrs.

10/12/22 Revisons:
- Took Observtion15 out of the non-interruptable sequence with observations 4 and 5 to allow observations 4 and 5 to be scheduled while the MIRI

team figures out how to handle the issues with the MRS observing mode. No change to charged observing time. Charged time with this latest version of APT actually dropped from 28.14 hours to 27.10 hours.

6/13/23 Revisions:
The observations of HD 19467 in program PID 1189 will be re-scheduled due to a guiding failure that prevented acquisition of the reference star observations. Despite the failure to acquire the reference star, our team was able to extract the brown dwarf companion signal and publish a science paper on this system (Greenbaum et al 2023, https://ui.adsabs.harvard.edu/abs/2023ApJ...945..126G/abstract). This dataset provided a nice early exercise of NIRCam coronagraphy, both the use of the bar coronagraph and the ability to use wavefront information from the frequent Observatory wavefront updates.

Thus, we request that the re-scheduled observations be modified to use the new simultaneous SW/LW observations with the bar coronagraph (The addition of short wave filters is actually required in the latest version of the APT program). There are potentially significant advantages to using the short wavelength images in improving the sensitivity of the longer wavelength channel. Detections in the shorter wavelength channels also overlap more ground-based measurements and would be valuable for comparison. In making this request, we would not change LW filter or detector settings, so the observing time should not change, but we would add SW filters to accompany the long wave settings:

F210M - F250M
F210M - F300M
F210M - F360M
F182M - F410M
F182M - F430M
F182M - F460M

7/7/23 Revisions.:
Upon further review by the STScI staff and the NIRCam SI team experts we have further changed:
- Observations 62, 63, and 64 from a bar coronagraph mask to a 335R mask.
- (-0.01, +0.006) x, y arc-second offsets have been incorporated to better center this mask over the target.
- Changed sequential 62, 63, 64 observations to less constraining group only observations for 62, 63, 64

- Changed PA offsets between obs 62 and 63 from 7 to 14 degrees to 10 to 14 degrees

7/12/23 Revisons:

Updated the dithering procedure for the reference star in Observation 64

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	J03480772-6022270	RA: 03 48 7.3097 (57.0304571d) Dec: -60 22 35.27 (-60.37646d) Equinox: J2000	Proper Motion RA: -279.7 mas/yr Proper Motion Dec: -768.5 mas/yr Parallax: 0.1201" Epoch of Position: 2010.75	
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*				
(2)	J045853.89+643452.9	RA: 04 58 54.1169 (74.7254871d) Dec: +64 34 54.35 (64.58176d) Equinox: J2000	Proper Motion RA: 210.4 mas/yr Proper Motion Dec: 289.6 mas/yr Parallax: 0.1067" Epoch of Position: 2016.456	
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*				
(5)	J182831.08+265037.7	RA: 18 28 31.4630 (277.1310958d) Dec: +26 50 38.65 (26.84407d) Equinox: J2000	Proper Motion RA: 1016.5 mas/yr Proper Motion Dec: 169.3 mas/yr Parallax: 0.1003" Epoch of Position: 2015.197	
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*				
(6)	HD-19467	RA: 03 07 18.5750 (46.8273958d) Dec: -13 45 42.42 (-13.76178d) Equinox: J2000	Proper Motion RA: -8.685 mas/yr Proper Motion Dec: -260.566 mas/yr Parallax: 0.0312255" Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Star* *Description=[G dwarfs]* *Extended=NO*				
(7)	HD-19096	RA: 03 03 47.0359 (45.9459829d) Dec: -21 21 41.24 (-21.36146d) Equinox: J2000	Proper Motion RA: 194.99 mas/yr Proper Motion Dec: -35.499 mas/yr Parallax: 0.016824" Epoch of Position: 2000	
Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. *Category=Calibration* *Description=[Coronagraphic]* *Extended=NO*				
(8)	UGPS0722-05	RA: 07 22 27.2788 (110.6136617d) Dec: -05 40 29.81 (-5.67495d) Equinox: J2000	Proper Motion RA: -904.14 mas/yr Proper Motion Dec: 352.03 mas/yr Parallax: 0.2428" Epoch of Position: 2000	
Comments: *Category=Star* *Description=[Brown dwarfs]* *Extended=NO*				

Observation

Proposal 1189, Observation 1: NIRSpec Fixed slit

Wed Jul 12 20:00:32 GMT 2023

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)	J03480772-6022270	RA: 03 48 7.3097 (57.0304571d) Dec: -60 22 35.27 (-60.37646d) Equinox: J2000	Proper Motion RA: -279.7 mas/yr Proper Motion Dec: -768.5 mas/yr Parallax: 0.1201" Epoch of Position: 2010.75	

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	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	12331.8

Template

Slit	Subarray
S200A1	FULL

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	G140M/F100LP	S200A1	NRSIRS2RAPID	11	1	1	NONE	3	3	525.2	
2	G235M/F170LP	S200A1	NRSIRS2RAPID	11	1	2	NONE	3	3	525.2	
3	G395M/F290LP	S200A1	NRSIRS2RAPID	11	1	3	NONE	3	3	525.2	

Special Requirements	Sequence Observations 1, 2, 3, Non-interruptible

Observation

Proposal 1189, Observation 2: MIRI LRS

Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution 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
(1)	J03480772-6022270	RA: 03 48 7.3097 (57.0304571d) Dec: -60 22 35.27 (-60.37646d) Equinox: J2000	Proper Motion RA: -279.7 mas/yr Proper Motion Dec: -768.5 mas/yr Parallax: 0.1201" Epoch of Position: 2010.75	

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

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F1000W	FAST	6	1	1	16.65	12331.14

Template

Subarray	Obtain Verification Image?
FULL	false

Dithers

#	Dither Type	No. Spectral Steps	Spectral Step Offset	No. Spatial Steps	Spatial Step Offset
1	ALONG SLIT NOD				

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	10	2	8	2	2	233.103	12331.13

Special Requirements	
	No Parallel Attachments Sequence Observations 1, 2, 3, Non-interruptible

Observation

Proposal 1189, Observation 3: NIRSpec Prism - Time Series Wed Jul 12 20:00:32 GMT 2023

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
(1)	J03480772-6022270	RA: 03 48 7.3097 (57.0304571d) Dec: -60 22 35.27 (-60.37646d) Equinox: J2000	Proper Motion RA: -279.7 mas/yr Proper Motion Dec: -768.5 mas/yr Parallax: 0.1201" Epoch of Position: 2010.75	

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	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	12331.8

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	PRISM/CLEAR	S200A1	NRSRAPID	12	80	1	NONE	3	240	4865.875	

Special Requirements	Sequence Observations 1, 2, 3, Non-interruptible

Observation

Proposal 1189, Observation 4: NIRSpec IFU

Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec IFU 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
(2)	J045853.89+643452.9	RA: 04 58 54.1169 (74.7254871d) Dec: +64 34 54.35 (64.58176d) Equinox: J2000	Proper Motion RA: 210.4 mas/yr Proper Motion Dec: 289.6 mas/yr Parallax: 0.1067" Epoch of Position: 2016.456	

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	SAME	WATA	SUB2048	F110W	NRSRAPID	3	1	1	3.628	12489.1

Dithers

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

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	G140M/F100LP	NRSIRS2RAPID	26	1	false	true	NONE	4	4	1575.6	12489.2
2	G235M/F170LP	NRSIRS2RAPID	26	1	false	true	NONE	4	4	1575.6	12489.3
3	G395H/F290LP	NRSIRS2RAPID	26	1	false	true	NONE	4	4	1575.6	12489.4

Special Requirements

Sequence Observations 4, 5, Non-interruptible

Observation

Proposal 1189, Observation 5: MIRI Imaging

Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI 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
(2)	J045853.89+643452.9	RA: 04 58 54.1169 (74.7254871d) Dec: +64 34 54.35 (64.58176d) Equinox: J2000	Proper Motion RA: 210.4 mas/yr Proper Motion Dec: 289.6 mas/yr Parallax: 0.1067" Epoch of Position: 2016.456	

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

Template

Subarray
SUB256

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	4-Point-Sets				1	1	POINT SOURCE	POSITIVE	SMALL

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F2100W	FASTR1	20	6	2	Dither 1	4	48	299.52	

Special Requirements

No Parallel Attachments
No Parallel Attachments

Sequence Observations 4, 5, Non-interruptible

Observation

Proposal 1189, Observation 15: MIRI MRS (For MIRI Team) Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(MIRI MRS (For MIRI Team) (Obs 15)) Warning (Form): Imager Filter overlap.
(MIRI MRS (For MIRI Team) (Obs 15)) Warning (Form): Imager Filter overlap.
(MIRI MRS (For MIRI Team) (Obs 15)) Warning (Form): Imager Filter overlap.
(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)	J045853.89+643452.9	RA: 04 58 54.1169 (74.7254871d) Dec: +64 34 54.35 (64.58176d) Equinox: J2000	Proper Motion RA: 210.4 mas/yr Proper Motion Dec: 289.6 mas/yr Parallax: 0.1067" Epoch of Position: 2016.456	

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

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
F560W	ALL	YES	FULL	NEUTRAL

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	ETC Wkbk.Calc ID
1		IMAGER	F1280W	FASTR1	11	15	1	Dither 1	2	30	993.464	
1	LONG(C)	MRSLONG		FASTR1	180	1	1	Dither 1	2	2	999.014	
1	LONG(C)	MRSSHORT		FASTR1	180	1	1	Dither 1	2	2	999.014	
2		IMAGER	F1280W	FASTR1	11	15	1	Dither 1	2	30	993.464	
2	MEDIUM(B)	MRSLONG		FASTR1	180	1	1	Dither 1	2	2	999.014	
2	MEDIUM(B)	MRSSHORT		FASTR1	180	1	1	Dither 1	2	2	999.014	
3		IMAGER	F1280W	FASTR1	11	15	1	Dither 1	2	30	993.464	
3	SHORT(A)	MRSLONG		FASTR1	180	1	1	Dither 1	2	2	999.014	
3	SHORT(A)	MRSSHORT		FASTR1	180	1	1	Dither 1	2	2	999.014	

Observation

Proposal 1189, Observation 10: NIRCam Imaging Wed Jul 12 20:00:32 GMT 2023

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
(5)	J182831.08+265037.7	RA: 18 28 31.4630 (277.1310958d) Dec: +26 50 38.65 (26.84407d) Equinox: J2000	Proper Motion RA: 1016.5 mas/yr Proper Motion Dec: 169.3 mas/yr Parallax: 0.1003" Epoch of Position: 2015.197	

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

Template

Module	Subarray	Target Placement
B	FULL	Module Gap

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F115W	F335M	MEDIUM8	4	1	4	4	1631.989	
2	F090W	F360M	MEDIUM8	4	1	4	4	1631.989	
3	F162M+F150W2	F470N+F444W	MEDIUM8	4	1	4	4	1631.989	

Special Requirements

Aperture PA Range 21 to 193 Degrees (V3 20.94416471 to 192.94416471)
Aperture PA Range 201 to 216 Degrees (V3 200.94416471 to 215.94416471)
Aperture PA Range 232 to 283 Degrees (V3 231.94416471 to 282.94416471)
Aperture PA Range 306 to 359 Degrees (V3 305.94416471 to 358.94416471)
Offset -30.0 arcsec, -30.0 arcsec

Sequence Observations 10, 11, 16, 17, Non-interruptible

Observation

Proposal 1189, Observation 11: NIRCams NIRSPEC Fixed slit Wed Jul 12 20:00:32 GMT 2023

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
(5)	J182831.08+265037.7	RA: 18 28 31.4630 (277.1310958d) Dec: +26 50 38.65 (26.84407d) Equinox: J2000	Proper Motion RA: 1016.5 mas/yr Proper Motion Dec: 169.3 mas/yr Parallax: 0.1003" Epoch of Position: 2015.197	

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	SAME	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	12578.1

Template

Slit	Subarray
S200A1	FULL

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	NRSIRS2RAPID	26	2	1	NONE	3	6	2363.4	12578.2
2	PRISM/CLEAR	S200A1	NRSIRS2RAPID	26	2	2	NONE	3	6	2363.4	12578.2

Special Requirements	Sequence Observations 10, 11, 16, 17, Non-interruptible

Observation

Proposal 1189, Observation 16: MIRI MRS (For MIRI Team)

Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Diagnostics

(MIRI MRS (For MIRI Team) (Obs 16)) Warning (Form): Imager Filter overlap.
(MIRI MRS (For MIRI Team) (Obs 16)) Warning (Form): Imager Filter overlap.
(MIRI MRS (For MIRI Team) (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
(5)	J182831.08+265037.7	RA: 18 28 31.4630 (277.1310958d) Dec: +26 50 38.65 (26.84407d) Equinox: J2000	Proper Motion RA: 1016.5 mas/yr Proper Motion Dec: 169.3 mas/yr Parallax: 0.1003" Epoch of Position: 2015.197	

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

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
F560W	ALL	YES	FULL	NEUTRAL

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	ETC Wkbk.Calc ID
1		IMAGER	F1280W	FASTR1	11	15	1	Dither 1	2	30	993.464	
1	SHORT(A)	MRSLONG		FASTR1	180	1	1	Dither 1	2	2	999.014	
1	SHORT(A)	MRSSHORT		FASTR1	180	1	1	Dither 1	2	2	999.014	
2		IMAGER	F1280W	FASTR1	11	15	1	Dither 1	2	30	993.464	
2	MEDIUM(B)	MRSLONG		FASTR1	180	1	1	Dither 1	2	2	999.014	
2	MEDIUM(B)	MRSSHORT		FASTR1	180	1	1	Dither 1	2	2	999.014	
3		IMAGER	F1280W	FASTR1	11	15	1	Dither 1	2	30	993.464	
3	LONG(C)	MRSLONG		FASTR1	180	1	1	Dither 1	2	2	999.014	
3	LONG(C)	MRSSHORT		FASTR1	180	1	1	Dither 1	2	2	999.014	

Special Requirements	Sequence Observations 10, 11, 16, 17, Non-interruptible

Observation

Proposal 1189, Observation 17: W1828 - NIRISS AMI (For NIRISS Team) Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRISS Aperture Masking Interferometry

Diagnostics

(W1828 - NIRISS AMI (For NIRISS Team) (Obs 17)) Warning (Form): NGROUPS=1 may suffer from low calibration accuracy.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	J182831.08+265037.7	RA: 18 28 31.4630 (277.1310958d) Dec: +26 50 38.65 (26.84407d) Equinox: J2000	Proper Motion RA: 1016.5 mas/yr Proper Motion Dec: 169.3 mas/yr Parallax: 0.1003" Epoch of Position: 2015.197	

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

Acquisition

#	Target	Acquisition Mode	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	AMIFAINT	F480M	NIS	19	1	1	3.524	12113

Template

Subarray	Direct Image
FULL	true

Dithers

#	Primary Dithers	Subpixel Positions
1	NONE	NONE
2	NONE	NONE

Direct Image

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F480M	NISRAPID	8	25	1	25	2415.773	

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F480M	NISRAPID	1	1	1	1	21.474	

PSF References	Additional Justification: true
Special Requirements	No Parallel Attachments Sequence Observations 10, 11, 16, 17, Non-interruptible

Observation

Proposal 1189, Observation 12: HD19467- NIRCam - Roll m5 - LWBar Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Error

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(HD19467- NIRCam - Roll m5 - LWBar (Obs 12)) Error (Form): Short Filter is a required field.
(HD19467- NIRCam - Roll m5 - LWBar (Obs 12)) Error (Form): Short Filter is a required field.
(HD19467- NIRCam - Roll m5 - LWBar (Obs 12)) Error (Form): Short Filter is a required field.
(HD19467- NIRCam - Roll m5 - LWBar (Obs 12)) Error (Form): Short Filter is a required field.
(HD19467- NIRCam - Roll m5 - LWBar (Obs 12)) Error (Form): Short Filter is a required field.
(HD19467- NIRCam - Roll m5 - LWBar (Obs 12)) Error (Form): Short Filter is a required field.
(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(HD19467- NIRCam - Roll m5 - LWBar (Obs 12)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	HD-19467	RA: 03 07 18.5750 (46.8273958d)	Proper Motion RA: -8.685 mas/yr	
		Dec: -13 45 42.42 (-13.76178d)	Proper Motion Dec: -260.566 mas/yr	
		Equinox: J2000	Parallax: 0.0312255"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F335M	BRIGHT (ND Square)	BRIGHT1	33	1	1	3.313	12486.28

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASKLWB	true	SUB400X256ALWB	NONE

Confirmation

#	Conf. Readout Pattern	Conf. Groups/Int	Conf. Integrations/Exp	Conf. Total Integrations	Conf. Total Exposure Time	Conf. Total Dithers
1	RAPID	3	1	1	32.21	1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1		F250M	MEDIUM2	10	10	1	10	988.758	
2		F300M	MEDIUM2	10	5	1	5	494.379	
3		F360M	MEDIUM2	10	5	1	5	494.379	
4		F410M	MEDIUM2	10	5	1	5	494.379	
5		F430M	MEDIUM2	10	5	1	5	494.379	
6		F460M	MEDIUM2	10	5	1	5	494.379	

PSF References	Ref star - NIRCam - Roll p5 - LB (Obs 14) (PSF Reference; Filters [null/F250M, null/F300M, null/F360M, null/F410M, null/F430M, null/F460M]) Additional Justification: false
Special Requirements	Aperture PA Range 30 to 65 Degrees (V3 29.47796615 to 64.47796615) Aperture PA Range 252 to 270 Degrees (V3 251.47796615 to 269.47796615) No Parallel Attachments Sequence Observations 12, 13, 14, Non-interruptible Aperture PA Offset 13 from 12 by 7 to 14 Degrees (Same offsets in V3)

Observation

Proposal 1189, Observation 62: HD19467- NIRCam - Roll m5 - 335R Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(HD19467- NIRCam - Roll m5 - 335R (Obs 62)) Warning (Form): PSF Reference observations should be SEQ NON-INT.

(HD19467- NIRCam - Roll m5 - 335R (Obs 62)) Warning (Form): Science observations should be linked to at least one other compatible science observation by an Aperture PA Offset of 1-14 degrees

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

(HD19467- NIRCam - Roll m5 - 335R (Obs 62)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	HD-19467	RA: 03 07 18.5750 (46.8273958d) Dec: -13 45 42.42 (-13.76178d) Equinox: J2000	Proper Motion RA: -8.685 mas/yr Proper Motion Dec: -260.566 mas/yr Parallax: 0.0312255" Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F335M	BRIGHT (ND Square)	BRIGHT1	33	1	1	3.313	12486.28

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASK335R	true	SUB320A335R	NONE

Confirmation

#	Conf. Readout Pattern	Conf. Groups/Int	Conf. Integrations/Exp	Conf. Total Integrations	Conf. Total Exposure Time	Conf. Total Dithers
1	RAPID	3	1	1	32.21	1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F250M	MEDIUM2	10	10	1	10	994.412	
2	F210M	F300M	MEDIUM2	10	5	1	5	497.206	
3	F210M	F360M	MEDIUM2	10	5	1	5	497.206	
4	F182M	F410M	MEDIUM2	10	5	1	5	497.206	
5	F182M	F430M	MEDIUM2	10	5	1	5	497.206	
6	F182M	F460M	MEDIUM2	10	5	1	5	497.206	

PSF References	Ref star - NIRCam - Roll p5 - 335R (Obs 64) (PSF Reference; Filters [F182M/F410M, F182M/F430M, F182M/F460M, F210M/F250M, F210M/F300M, F210M/F360M]) Additional Justification: false
Special Requirements	Aperture PA Range 30 to 65 Degrees (V3 29.94571388 to 64.94571388) Aperture PA Range 252 to 270 Degrees (V3 251.94571388 to 269.94571388) Offset -0.01 arcsec, 0.006 arcsec No Parallel Attachments Group Observations 62, 63, 64, Non-interruptible Aperture PA Offset 63 from 62 by 10 to 14 Degrees (Same offsets in V3)

Observation

Proposal 1189, Observation 13: hd 19467 - NIRCam - Roll m5 - LB Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Error

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(hd 19467 - NIRCam - Roll m5 - LB (Obs 13)) Error (Form): Short Filter is a required field.
(hd 19467 - NIRCam - Roll m5 - LB (Obs 13)) Error (Form): Short Filter is a required field.
(hd 19467 - NIRCam - Roll m5 - LB (Obs 13)) Error (Form): Short Filter is a required field.
(hd 19467 - NIRCam - Roll m5 - LB (Obs 13)) Error (Form): Short Filter is a required field.
(hd 19467 - NIRCam - Roll m5 - LB (Obs 13)) Error (Form): Short Filter is a required field.
(hd 19467 - NIRCam - Roll m5 - LB (Obs 13)) Error (Form): Short Filter is a required field.
(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(hd 19467 - NIRCam - Roll m5 - LB (Obs 13)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	HD-19467	RA: 03 07 18.5750 (46.8273958d)	Proper Motion RA: -8.685 mas/yr	
		Dec: -13 45 42.42 (-13.76178d)	Proper Motion Dec: -260.566 mas/yr	
		Equinox: J2000	Parallax: 0.0312255"	
			Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F335M	BRIGHT (ND Square)	BRIGHT1	33	1	1	3.313	12486.28

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASKLWB	false	SUB400X256ALWB	NONE

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1		F250M	MEDIUM2	10	10	1	10	988.758	
2		F300M	MEDIUM2	10	5	1	5	494.379	
3		F360M	MEDIUM2	10	5	1	5	494.379	
4		F410M	MEDIUM2	10	5	1	5	494.379	
5		F430M	MEDIUM2	10	5	1	5	494.379	
6		F460M	MEDIUM2	10	5	1	5	494.379	

PSF References	Ref star - NIRCam - Roll p5 - LB (Obs 14) (PSF Reference; Filters [null/F250M, null/F300M, null/F360M, null/F410M, null/F430M, null/F460M]) Additional Justification: false
Special Requirements	No Parallel Attachments Sequence Observations 12, 13, 14, Non-interruptible Aperture PA Offset 13 from 12 by 7 to 14 Degrees (Same offsets in V3)

Observation

Proposal 1189, Observation 63: hd 19467 - NIRCam - Roll m5 - 335R Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(hd 19467 - NIRCam - Roll m5 - 335R (Obs 63)) Warning (Form): PSF Reference observations should be SEQ NON-INT.

(hd 19467 - NIRCam - Roll m5 - 335R (Obs 63)) Warning (Form): Science observations should be linked to at least one other compatible science observation by an Aperture PA Offset of 1-14 degrees

(Visit 63:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(hd 19467 - NIRCam - Roll m5 - 335R (Obs 63)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	HD-19467	RA: 03 07 18.5750 (46.8273958d) Dec: -13 45 42.42 (-13.76178d) Equinox: J2000	Proper Motion RA: -8.685 mas/yr Proper Motion Dec: -260.566 mas/yr Parallax: 0.0312255" Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F335M	BRIGHT (ND Square)	BRIGHT1	33	1	1	3.313	12486.28

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASK335R	true	SUB320A335R	NONE

Confirmation

#	Conf. Readout Pattern	Conf. Groups/Int	Conf. Integrations/Exp	Conf. Total Integrations	Conf. Total Exposure Time	Conf. Total Dithers
1	RAPID	3	1	1	32.21	1

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F250M	MEDIUM2	10	10	1	10	994.412	
2	F210M	F300M	MEDIUM2	10	5	1	5	497.206	
3	F210M	F360M	MEDIUM2	10	5	1	5	497.206	
4	F182M	F410M	MEDIUM2	10	5	1	5	497.206	
5	F182M	F430M	MEDIUM2	10	5	1	5	497.206	
6	F182M	F460M	MEDIUM2	10	5	1	5	497.206	

PSF References	Ref star - NIRCam - Roll p5 - 335R (Obs 64) (PSF Reference; Filters [F182M/F410M, F182M/F430M, F182M/F460M, F210M/F250M, F210M/F300M, F210M/F360M]) Additional Justification: false
Special Requirements	Offset -0.01 arcsec, 0.006 arcsec No Parallel Attachments Group Observations 62, 63, 64, Non-interruptible Aperture PA Offset 63 from 62 by 10 to 14 Degrees (Same offsets in V3)

Observation

Proposal 1189, Observation 14: Ref star - NIRCam - Roll p5 - LB Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Error

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(Ref star - NIRCam - Roll p5 - LB (Obs 14)) Error (Form): Short Filter is a required field.
(Ref star - NIRCam - Roll p5 - LB (Obs 14)) Error (Form): Short Filter is a required field.
(Ref star - NIRCam - Roll p5 - LB (Obs 14)) Error (Form): Short Filter is a required field.
(Ref star - NIRCam - Roll p5 - LB (Obs 14)) Error (Form): Short Filter is a required field.
(Ref star - NIRCam - Roll p5 - LB (Obs 14)) Error (Form): Short Filter is a required field.
(Ref star - NIRCam - Roll p5 - LB (Obs 14)) Error (Form): Short Filter is a required field.
(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HD-19096	RA: 03 03 47.0359 (45.9459829d) Dec: -21 21 41.24 (-21.36146d) Equinox: J2000	Proper Motion RA: 194.99 mas/yr Proper Motion Dec: -35.499 mas/yr Parallax: 0.016824" Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Calibration
Description=[Coronagraphic]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F335M	BRIGHT (ND Square)	BRIGHT1	33	1	1	3.313	12486.29

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASKLWB	false	SUB400X256ALWB	5-POINT-BAR

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1		F250M	MEDIUM2	10	2	5	10	988.758	
2		F300M	MEDIUM2	10	1	5	5	494.379	
3		F360M	MEDIUM2	10	1	5	5	494.379	
4		F410M	MEDIUM2	10	1	5	5	494.379	
5		F430M	MEDIUM2	10	1	5	5	494.379	
6		F460M	MEDIUM2	10	1	5	5	494.379	

PSF References

PSF Reference: true

Special Requirements	
	No Parallel Attachments Sequence Observations 12, 13, 14, Non-interruptible

Observation

Proposal 1189, Observation 64: Ref star - NIRCam - Roll p5 - 335R Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

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
(7)	HD-19096	RA: 03 03 47.0359 (45.9459829d) Dec: -21 21 41.24 (-21.36146d) Equinox: J2000	Proper Motion RA: 194.99 mas/yr Proper Motion Dec: -35.499 mas/yr Parallax: 0.016824" Epoch of Position: 2000	

Comments: This object was generated by the targetselector and retrieved from the SIMBAD database.
Category=Calibration
Description=[Coronagraphic]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F335M	BRIGHT (ND Square)	BRIGHT1	33	1	1	3.313	12486.29

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASK335R	false	SUB320A335R	5-POINT-BOX

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F250M	MEDIUM2	10	2	5	10	994.412	
2	F210M	F300M	MEDIUM2	10	1	5	5	497.206	
3	F210M	F360M	MEDIUM2	10	1	5	5	497.206	
4	F182M	F410M	MEDIUM2	10	1	5	5	497.206	
5	F182M	F430M	MEDIUM2	10	1	5	5	497.206	
6	F182M	F460M	MEDIUM2	10	1	5	5	497.206	

PSF References

PSF Reference: true

Special Requirements	
	Offset -0.01 arcsec, 0.006 arcsec No Parallel Attachments Group Observations 62, 63, 64, Non-interruptible

Observation

Proposal 1189, Observation 18: NIRSpec Fixed Slit Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(8)	UGPS0722-05	RA: 07 22 27.2788 (110.6136617d) Dec: -05 40 29.81 (-5.67495d) Equinox: J2000	Proper Motion RA: -904.14 mas/yr Proper Motion Dec: 352.03 mas/yr Parallax: 0.2428" Epoch of Position: 2000	

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	SAME	WATA	SUB32	CLEAR	NRSRAPID	3	1	1	0.08	25178.2

Template

Slit	Subarray
S200A1	FULL

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	G140M/F100LP	S200A1	NRSIRS2RAPID	17	1	1	NONE	3	3	787.8	
2	G235M/F170LP	S200A1	NRSIRS2RAPID	17	1	2	NONE	3	3	787.8	
3	G395H/F290LP	S200A1	NRSIRS2RAPID	17	1	3	NONE	3	3	787.8	

Special Requirements	Sequence Observations 18, 19, Non-interruptible

Observation

Proposal 1189, Observation 19: MIRI LRS

Wed Jul 12 20:00:32 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

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
(8)	UGPS0722-05	RA: 07 22 27.2788 (110.6136617d) Dec: -05 40 29.81 (-5.67495d) Equinox: J2000	Proper Motion RA: -904.14 mas/yr Proper Motion Dec: 352.03 mas/yr Parallax: 0.2428" Epoch of Position: 2000	

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

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F1000W	FAST	6	1	1	16.65	25178.5

Template

Subarray	Obtain Verification Image?
FULL	false

Dithers

#	Dither Type	No. Spectral Steps	Spectral Step Offset	No. Spatial Steps	Spatial Step Offset
1	ALONG SLIT NOD				

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	20	1	4	2	2	222.003	25178.6

Special Requirements	
	No Parallel Attachments Sequence Observations 18, 19, Non-interruptible