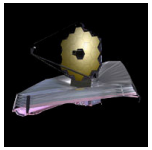

4496 - Absolute Flux Calibration (A Dwarfs)

Cycle: 2, Proposal Category: CAL/CROSS

INVESTIGATORS

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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
J1743045				
	20	NIRISS imaging	NIRISS External Calibration	(1) J1743045
HD2811				
	1	MIRI imaging	MIRI Imaging	(2) HD2811
	2	MIRI MRS	MIRI Medium Resolution Spectroscopy	(9) HD2811-WBKG
	3	MIRI MRS BKG	MIRI Medium Resolution Spectroscopy	(8) HD2811-BKG
	4	MIRI LRS slitless	MIRI Low Resolution Spectroscopy	(2) HD2811
	5	MIRI LRS slitless BKG	MIRI Low Resolution Spectroscopy	(8) HD2811-BKG
	6	MIRI 4QPM - F1550C	MIRI Coronagraphic Photometric Calibration	(2) HD2811
	7	MIRI Lyot - F2300C	MIRI Coronagraphic Photometric Calibration	(2) HD2811
J1757132				
	16	MIRI imaging	MIRI Imaging	(3) J1757132
	17	MIRI LRS slit	MIRI Low Resolution Spectroscopy	(3) J1757132
	19	NIRSpec FS PRISM	NIRSpec Fixed Slit Spectroscopy	(3) J1757132

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	21	NIRCam Imaging Sub64P Module A	NIRCam Engineering Imaging	(3) J1757132
J1805292				
	18	NIRSpec FS PRISM	NIRSpec Fixed Slit Spectroscopy	(4) J1805292
	22	NIRCam Imaging Sub64P Module B	NIRCam Imaging	(4) J1805292
HD101452				
	13	MIRI imaging	MIRI Imaging	(5) HD101452
HD55677				
	14	MIRI imaging	MIRI Imaging	(6) HD55677
	15	MIRI LRS slit	MIRI Low Resolution Spectroscopy	(6) HD55677
HR5467				
	8	MIRI imaging	MIRI Imaging	(7) HR5467
	9	MIRI MRS	MIRI Medium Resolution Spectroscopy	(10) HR5467-WBKG
	10	MIRI MRS BKG	MIRI Medium Resolution Spectroscopy	(11) HR5467-BKG
	11	MIRI LRS slitless	MIRI Low Resolution Spectroscopy	(10) HR5467-WBKG
	12	MIRI LRS slitless BKG	MIRI Low Resolution Spectroscopy	(11) HR5467-BKG
	23	NIRCam Coronagraphy ND square SWB	NIRCam Coronagraphic Imaging	(7) HR5467
	24	NIRCam Coronagraphy ND square SWBS	NIRCam Coronagraphic Imaging	(7) HR5467
	25	NIRCam Coronagraphy ND square 210R	NIRCam Coronagraphic Imaging	(7) HR5467
	26	NIRCam Coronagraphy ND square LWB	NIRCam Coronagraphic Imaging	(7) HR5467
	27	NIRCam Coronagraphy ND square LWBL	NIRCam Coronagraphic Imaging	(6) HD55677
	28	NIRCam Coronagraphy ND square 335R	NIRCam Coronagraphic Imaging	(7) HR5467
	29	NIRCam Coronagraphy ND square 430R	NIRCam Coronagraphic Imaging	(7) HR5467
	108	MIRI imaging	MIRI Imaging	(7) HR5467
	124	NIRCam Coronagraphy ND square SWBS	NIRCam Coronagraphic Imaging	(7) HR5467

ABSTRACT

This program obtains observations of A dwarf stars as part of the JWST absolute flux calibration effort. This effort uses all JWST instruments to provide absolute flux calibration for all JWST modes (filters, gratings, etc). The combined nature of this effort is to ensure the highest quality flux calibration internal to and between instruments and to carry out the observations efficiently. This program provides observations of A dwarf stars and companion programs provide observations of hot stars and solar analog observations. The absolute flux observations will be compared to model predictions of the stars' flux densities to calculate the appropriate calibration factors per instrument mode.

This calibration program may change in response to system developments and the final Cycle 2 science program.

OBSERVING DESCRIPTION

Observations of A dwarf stars for absolute flux calibration. Includes observation for part 1 and 2 of the combined instrument program. Part 1 observes one star in each instrument mode/detector where this star was observed in cycle 1 and shown to be a high quality absflux star. Part 2 observes a large sample in a subset of the modes to define the average, vet the sample, and diagnose any instrumental dependancies of the flux calibration (e.g. flux).

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	J1743045	RA: 17 43 4.4857 (265.7686904d) Dec: +66 55 1.66 (66.91713d) Equinox: J2000	Proper Motion RA: 1.096 mas/yr Proper Motion Dec: -2.785 mas/yr Parallax: 0.000521" Epoch of Position: 2000.0	
Comments: Position from Gaia EDR3 *Spectral type A5 V* *Guide star ID N4E9000345* *Category=Star* *Description=[A dwarfs]* *Extended=NO*				
(2)	HD2811	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.008 mas/yr Proper Motion Dec: -4.326 mas/yr Parallax: 0.003799" Epoch of Position: 2000.0	
Comments: Position from Gaia EDR3 *Spectral type: A3 V* *Category=Star* *Description=[A dwarfs]* *Extended=NO*				
(3)	J1757132	RA: 17 57 13.2322 (269.3051342d) Dec: +67 03 40.76 (67.06132d) Equinox: J2000	Proper Motion RA: 0.841 mas/yr Proper Motion Dec: -12.945 mas/yr Parallax: 0.000948" Epoch of Position: 2000.0	
Comments: Position from Gaia EDR3 *Spectral type: A3 V* *Category=Star* *Description=[A dwarfs]* *Extended=NO*				
(4)	J1805292	RA: 18 05 29.2758 (271.3719825d) Dec: +64 27 52.12 (64.46448d) Equinox: J2000	Proper Motion RA: -1.748 mas/yr Proper Motion Dec: 10.558 mas/yr Parallax: 0.000674" Epoch of Position: 2000.0	
Comments: Position from Gaia EDR3 *Spectral Type: A1V* *Category=Star* *Description=[A dwarfs]* *Extended=NO*				
(5)	HD101452	RA: 11 40 13.6523 (175.0568846d) Dec: -39 08 47.69 (-39.14658d) Equinox: J2000	Proper Motion RA: -35.196 mas/yr Proper Motion Dec: -20.221 mas/yr Parallax: 0.00652" Epoch of Position: 2000.0	
Comments: Position from Gaia EDR3 *Simplified spectral type: A9m IV* *Category=Star* *Description=[A dwarfs]* *Extended=NO*				

(6)	HD55677	RA: 07 14 31.2897 (108.6303738d) Dec: +13 51 36.78 (13.86022d) Equinox: J2000	Proper Motion RA: -2.595 mas/yr Proper Motion Dec: -6.579 mas/yr Parallax: 0.001333" Epoch of Position: 2000.0

Comments: Position from Gaia EDR3
Spectral type: A4 V
Category=Star
Description=[A dwarfs]
Extended=NO

(7)	HR5467	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A dwarfs]
Extended=NO

(8)	HD2811-BKG	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 43.00 (-43.61194d) Equinox: J2000	Proper Motion RA: -6.008 mas/yr Proper Motion Dec: -4.326 mas/yr Parallax: 0.003799" Epoch of Position: 2000.0

Comments: Position from Gaia EDR3, offset 20" S
Spectral type: A3 V
Category=Star
Description=[A dwarfs]
Extended=NO

(9)	HD2811-WBKG	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.008 mas/yr Proper Motion Dec: -4.326 mas/yr Parallax: 0.003799" Epoch of Position: 2000.0

Comments: Position from Gaia EDR3
Spectral type: A3 V
Category=Star
Description=[A dwarfs]
Extended=NO

(10)	HR5467-WBKG	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A dwarfs]
Extended=NO

	(11)	HR5467-BKG	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 44.02 (54.02889d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0
	Comments: Position from Gaia EDR3, offset by 20" N *Spectral Type: A1 V* *Category=Star* *Description=[A dwarfs]* *Extended=NO*			
	(12)	J1757132-offset	RA: 17 57 5.8011 (269.2741712d) Dec: +67 03 53.89 (67.06497d) Equinox: J2000	Proper Motion RA: -3.989 mas/yr Proper Motion Dec: 5.851 mas/yr Epoch of Position: 2016.0
	Comments: Offset TA star for J1757132 *2MASS 17570585+6703539 = GAIA DR3 1633579300521760128* *J=16.731, H=16.309, K=15.981* *Category=Star* *Description=[K stars]* *Extended=NO*			

Observation

Proposal 4496, Observation 20: NIRISS imaging

Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRISS External Calibration

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
(1)	J1743045	RA: 17 43 4.4857 (265.7686904d) Dec: +66 55 1.66 (66.91713d) Equinox: J2000	Proper Motion RA: 1.096 mas/yr Proper Motion Dec: -2.785 mas/yr Parallax: 0.000521" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type A5 V

Guide star ID N4E9000345
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

Pointing Type
PRIME

Dithers

#	Pattern Type	Image Dithers	Primary Dithers	Subpixel Positions	Pattern Size
1	IMAGING	4			

Spectral Elements

#	Subarray	Aperture	Filter Wheel	Pupil Wheel	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SUB64	DEFAULT APERTURE	CLEAR	F090W	NISRAPID	3	2	4	8	1.62	
2	SUB64	DEFAULT APERTURE	CLEAR	F115W	NISRAPID	3	2	4	8	1.62	
3	SUB64	DEFAULT APERTURE	CLEAR	F150W	NISRAPID	3	2	4	8	1.62	
4	SUB64	DEFAULT APERTURE	CLEAR	F200W	NISRAPID	5	2	4	8	2.348	

Observation

Proposal 4496, Observation 1: MIRI imaging

Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

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
(2)	HD2811	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.008 mas/yr Proper Motion Dec: -4.326 mas/yr Parallax: 0.003799" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A3 V
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
BRIGHTSKY

Dithers

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

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1500W	FASTR1	6	1	1	Dither 1	4	4	20.767	
2	F1800W	FASTR1	10	1	1	Dither 1	4	4	34.611	
3	F2100W	FASTR1	10	1	1	Dither 1	4	4	34.611	
4	F2550W	FASTR1	20	1	1	Dither 1	4	4	69.222	

Observation

Proposal 4496, Observation 2: MIRI MRS Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[MIRI MRS BKG (Obs 3)]

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
(9)	HD2811-WBKG	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.008 mas/yr Proper Motion Dec: -4.326 mas/yr Parallax: 0.003799" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A3 V
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	FND	FAST	6	1	1	16.65	150521.21

Template

Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
All MRS	YES	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-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	F770W	FASTR1	80	1	1	Dither 1	4	4	888.013	
1	LONG(C)	MRSLONG		FASTR1	80	1	1	Dither 1	4	4	888.013	
1	LONG(C)	MRSSHORT		FASTR1	80	1	1	Dither 1	4	4	888.013	
2		IMAGER	F770W	FASTR1	60	1	1	Dither 1	4	4	666.01	
2	MEDIUM(B)	MRSLONG		FASTR1	60	1	1	Dither 1	4	4	666.01	
2	MEDIUM(B)	MRSSHORT		FASTR1	60	1	1	Dither 1	4	4	666.01	
3		IMAGER	F770W	FASTR1	40	1	1	Dither 1	4	4	444.006	
3	SHORT(A)	MRSLONG		FASTR1	40	1	1	Dither 1	4	4	444.006	
3	SHORT(A)	MRSSHORT		FASTR1	40	1	1	Dither 1	4	4	444.006	

Special Requirements	Sequence Observations 2, 3, Non-interruptible

Observation

Proposal 4496, Observation 3: MIRI MRS BKG Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [MIRI MRS (Obs 2)]

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
(8)	HD2811-BKG	RA: 00 31 18.4899 (7.8270413d)	Proper Motion RA: -6.008 mas/yr	
		Dec: -43 36 43.00 (-43.61194d)	Proper Motion Dec: -4.326 mas/yr	
		Equinox: J2000	Parallax: 0.003799"	
			Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3, offset 20" S
Spectral type: A3 V
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
FND	All MRS	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	F770W	FASTR1	80	1	1	Dither 1	2	2	444.006	
1	LONG(C)	MRSLONG		FASTR1	80	1	1	Dither 1	2	2	444.006	
1	LONG(C)	MRSSHORT		FASTR1	80	1	1	Dither 1	2	2	444.006	
2		IMAGER	F770W	FASTR1	60	1	1	Dither 1	2	2	333.005	
2	MEDIUM(B)	MRSLONG		FASTR1	60	1	1	Dither 1	2	2	333.005	
2	MEDIUM(B)	MRSSHORT		FASTR1	60	1	1	Dither 1	2	2	333.005	
3		IMAGER	F770W	FASTR1	40	1	1	Dither 1	2	2	222.003	
3	SHORT(A)	MRSLONG		FASTR1	40	1	1	Dither 1	2	2	222.003	
3	SHORT(A)	MRSSHORT		FASTR1	40	1	1	Dither 1	2	2	222.003	

Special Requirements	Sequence Observations 2, 3, Non-interruptible

Observation

Proposal 4496, Observation 4: MIRI LRS slitless

Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution 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)	HD2811	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.008 mas/yr Proper Motion Dec: -4.326 mas/yr Parallax: 0.003799" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A3 V
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F1500W	FAST	6	1	1	0.954	150521.20

Template

Subarray	Obtain Verification Image?
SLITLESSPRISM	true

Dithers

#	Dither Type	No. Spectral Steps	Spectral Step Offset	No. Spatial Steps	Spatial Step Offset
1	NONE				

Pointing Verification

#	PV Readout Pattern	PV Groups/Int	PV Integrations/Exp	PV Total Integrations	PV Exposures/Dith	PV Total Dithers	PV Total Exposure Time	PV ETC Wkbk.Calc ID	Filter
1	FASTR1	6	1	1	1	1	0.954		F1500W

Proposal 4496 - Observation 4 - Absolute Flux Calibration (A Dwarfs)

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	10	288	288	1	1	503.68	

Special Requirements

Time Series Observation
No Parallel Attachments

Group Observations 4, 5, Non-interruptible

Observation

Proposal 4496, Observation 5: MIRI LRS slitless BKG Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Background Observation For: []

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
(8)	HD2811-BKG	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 43.00 (-43.61194d) Equinox: J2000	Proper Motion RA: -6.008 mas/yr Proper Motion Dec: -4.326 mas/yr Parallax: 0.003799" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3, offset 20" S
Spectral type: A3 V
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	9 HD2811-WBKG	F1500W	FAST	6	1	1	0.954	150521.20

Template

Subarray	Obtain Verification Image?
SLITLESSPRISM	false

Dithers

#	Dither Type	No. Spectral Steps	Spectral Step Offset	No. Spatial Steps	Spatial Step Offset
1	NONE				

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	10	72	72	1	1	125.801	

Special Requirements	
	Time Series Observation No Parallel Attachments Group Observations 4, 5, Non-interruptible

Observation

Proposal 4496, Observation 6: MIRI 4QPM - F1550C Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

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
(2)	HD2811	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.008 mas/yr Proper Motion Dec: -4.326 mas/yr Parallax: 0.003799" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A3 V
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
MASK1550

Dithers

#	Starting Set	Number of Sets	Optimized For	Direction
1	1	1	POINT SOURCE	POSITIVE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1550C	FASTR1	16	1	1	4	4	15.34	

Observation

Proposal 4496, Observation 7: MIRI Lyot - F2300C Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

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
(2)	HD2811	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.008 mas/yr Proper Motion Dec: -4.326 mas/yr Parallax: 0.003799" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A3 V
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
MASKLYOT

Dithers

#	Starting Set	Number of Sets	Optimized For	Direction
1	1	1	POINT SOURCE	POSITIVE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F2300C	FASTR1	280	1	1	4	4	362.88	

Observation

Proposal 4496, Observation 16: MIRI imaging Wed Apr 10 16:00:54 GMT 2024

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)	J1757132	RA: 17 57 13.2322 (269.3051342d) Dec: +67 03 40.76 (67.06132d) Equinox: J2000	Proper Motion RA: 0.841 mas/yr Proper Motion Dec: -12.945 mas/yr Parallax: 0.000948" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A3 V
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
BRIGHTSKY

Dithers

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

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	10	1	1	Dither 1	4	4	34.611	
2	F770W	FASTR1	10	1	1	Dither 1	4	4	34.611	
3	F1000W	FASTR1	10	1	1	Dither 1	4	4	34.611	
4	F1130W	FASTR1	10	1	1	Dither 1	4	4	34.611	
5	F1280W	FASTR1	10	1	1	Dither 1	4	4	34.611	
6	F1500W	FASTR1	10	1	1	Dither 1	4	4	34.611	
7	F1800W	FASTR1	36	1	1	Dither 1	4	4	124.6	
8	F2100W	FASTR1	89	1	1	Dither 1	4	4	308.04	

Observation

Proposal 4496, Observation 17: MIRI LRS slit

Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

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
(3)	J1757132	RA: 17 57 13.2322 (269.3051342d) Dec: +67 03 40.76 (67.06132d) Equinox: J2000	Proper Motion RA: 0.841 mas/yr Proper Motion Dec: -12.945 mas/yr Parallax: 0.000948" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A3 V
Category=Star
Description=[A 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	150656.11

Template

Subarray	Obtain Verification Image?
FULL	true

Dithers

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

Pointing Verification

#	PV Readout Pattern	PV Groups/Int	PV Integrations/Exp	PV Total Integrations	PV Exposures/Dith	PV Total Dithers	PV Total Exposure Time	PV ETC Wkbk.Calc ID	Filter
1	FASTR1	6	1	1	1	1	16.65		F1000W

Proposal 4496 - Observation 17 - Absolute Flux Calibration (A Dwarfs)

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	24	26	52	1	2	3602.002	

Observation

Proposal 4496, Observation 19: NIRSpec FS PRISM Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit 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
(3)	J1757132	RA: 17 57 13.2322 (269.3051342d) Dec: +67 03 40.76 (67.06132d) Equinox: J2000	Proper Motion RA: 0.841 mas/yr Proper Motion Dec: -12.945 mas/yr Parallax: 0.000948" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A3 V
Category=Star
Description=[A 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 J1757132-offset	WATA	SUB2048	F110W	NRSRAPID	3	1	1	3.628	148132.29

Template

Slit	Subarray
S1600A1	SUB512

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	5	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	S1600A1	NRSRAPID	5	20	1	NONE	5	100	137.744	148132.22

Observation

Proposal 4496, Observation 21: NIRCam Imaging Sub64P Module A Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering 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
(3)	J1757132	RA: 17 57 13.2322 (269.3051342d) Dec: +67 03 40.76 (67.06132d) Equinox: J2000	Proper Motion RA: 0.841 mas/yr Proper Motion Dec: -12.945 mas/yr Parallax: 0.000948" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A3 V
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Module	Subarray
A	SUB64P

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	CLEAR	CLEAR	F070W	F277W	RAPID	3	2	8	4	1.626	
2	CLEAR	CLEAR	F090W	F356W	RAPID	3	2	8	4	1.626	
3	CLEAR	CLEAR	F115W	F444W	RAPID	4	2	8	4	2.027	
4	CLEAR	CLEAR	F150W	F410M	RAPID	5	2	8	4	2.428	
5	CLEAR	CLEAR	F200W	F430M	RAPID	6	2	8	4	2.829	

Observation

Proposal 4496, Observation 18: NIRSpec FS PRISM Wed Apr 10 16:00:54 GMT 2024

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
(4)	J1805292	RA: 18 05 29.2758 (271.3719825d) Dec: +64 27 52.12 (64.46448d) Equinox: J2000	Proper Motion RA: -1.748 mas/yr Proper Motion Dec: 10.558 mas/yr Parallax: 0.000674" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1V
Category=Star
Description=[A 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	F110W	NRSRAPID	3	1	1	0.08	148132.25

Template

Slit	Subarray
S1600A1	SUB512

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	5	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	S1600A1	NRSRAPID	8	25	1	NONE	5	125	256.99	148132.24

Observation

Proposal 4496, Observation 22: NIRCam Imaging Sub64P Module B Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(NIRCam Imaging Sub64P Module B (Obs 22)) Warning (Form): Pointing performance insufficient
(NIRCam Imaging Sub64P Module B (Obs 22)) Warning (Form): Pointing performance insufficient
(NIRCam Imaging Sub64P Module B (Obs 22)) Warning (Form): Pointing performance insufficient
(NIRCam Imaging Sub64P Module B (Obs 22)) Warning (Form): Pointing performance insufficient
(NIRCam Imaging Sub64P Module B (Obs 22)) Warning (Form): Pointing performance insufficient
(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	J1805292	RA: 18 05 29.2758 (271.3719825d) Dec: +64 27 52.12 (64.46448d) Equinox: J2000	Proper Motion RA: -1.748 mas/yr Proper Motion Dec: 10.558 mas/yr Parallax: 0.000674" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1V
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Module	Subarray	Target Placement
B	SUB64P	Module Gap

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	SUBARRAY_DITHER	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	F070W	F277W	RAPID	6	2	8	4	2.829	
2	F090W	F356W	RAPID	6	2	8	4	2.829	
3	F115W	F444W	RAPID	6	2	8	4	2.829	
4	F150W	F460M	RAPID	10	2	8	4	4.435	
5	F200W	F480M	RAPID	10	2	8	4	4.435	

Observation

Proposal 4496, Observation 13: MIRI imaging

Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	HD101452	RA: 11 40 13.6523 (175.0568846d) Dec: -39 08 47.69 (-39.14658d) Equinox: J2000	Proper Motion RA: -35.196 mas/yr Proper Motion Dec: -20.221 mas/yr Parallax: 0.00652" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Simplified spectral type: A9m IV
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
BRIGHTSKY

Dithers

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

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1500W	FASTR1	5	1	1	Dither 1	4	4	17.306	
2	F1800W	FASTR1	10	1	1	Dither 1	4	4	34.611	
3	F2100W	FASTR1	10	1	1	Dither 1	4	4	34.611	
4	F2550W	FASTR1	12	1	1	Dither 1	4	4	41.533	

Observation

Proposal 4496, Observation 14: MIRI imaging Wed Apr 10 16:00:54 GMT 2024

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
(6)	HD55677	RA: 07 14 31.2897 (108.6303738d) Dec: +13 51 36.78 (13.86022d) Equinox: J2000	Proper Motion RA: -2.595 mas/yr Proper Motion Dec: -6.579 mas/yr Parallax: 0.001333" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A4 V
Category=Star
Description=[A 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	CYCLING	1	4						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	6	1	1	Dither 1	4	4	7.188	
2	F770W	FASTR1	8	1	1	Dither 1	4	4	9.585	
3	F1000W	FASTR1	10	1	1	Dither 1	4	4	11.981	
4	F1130W	FASTR1	10	1	1	Dither 1	4	4	11.981	
5	F1280W	FASTR1	10	1	1	Dither 1	4	4	11.981	
6	F1500W	FASTR1	10	1	1	Dither 1	4	4	11.981	
7	F1800W	FASTR1	10	1	1	Dither 1	4	4	11.981	
8	F2100W	FASTR1	18	1	1	Dither 1	4	4	21.565	
9	F2550W	FASTR1	120	1	1	Dither 1	4	4	143.77	

Observation

Proposal 4496, Observation 15: MIRI LRS slit

Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Diagnostics

(MIRI LRS slit (Obs 15)) Warning (Form): Groups/Int cannot be 1, Groups/Int = 2 requires permission and Groups/Int of 3-4 is allowed but not recommended.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	HD55677	RA: 07 14 31.2897 (108.6303738d) Dec: +13 51 36.78 (13.86022d) Equinox: J2000	Proper Motion RA: -2.595 mas/yr Proper Motion Dec: -6.579 mas/yr Parallax: 0.001333" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A4 V
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F1500W	FAST	4	1	1	11.1	150655.11

Template

Subarray	Obtain Verification Image?
FULL	true

Dithers

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

Pointing Verification

#	PV Readout Pattern	PV Groups/Int	PV Integrations/Exp	PV Total Integrations	PV Exposures/Dith	PV Total Dithers	PV Total Exposure Time	PV ETC Wkbk.Calc ID	Filter
1	FASTR1	4	1	1	1	1	11.1		F1500W

Proposal 4496 - Observation 15 - Absolute Flux Calibration (A Dwarfs)

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	5	108	216	1	2	3590.902	

Observation

Proposal 4496, Observation 8: MIRI imaging Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR5467	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A 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	CYCLING	1	4						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1500W	FASTR1	5	1	1	Dither 1	4	4	5.99	
2	F1800W	FASTR1	10	1	1	Dither 1	4	4	11.981	
3	F2100W	FASTR1	10	1	1	Dither 1	4	4	11.981	
4	F2550W	FASTR1	28	1	1	Dither 1	4	4	33.546	

Observation

Proposal 4496, Observation 9: MIRI MRS Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[MIRI MRS BKG (Obs 10)]

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
(10)	HR5467-WBKG	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	FND	FAST	6	1	1	16.65	150523.18

Template

Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
All MRS	YES	FULL	NEUTRAL

Dithers

#	Dither Type	Optimized For	Direction
1	4-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	F770W	FASTR1	36	1	1	Dither 1	4	4	399.606	
1	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	4	4	399.606	
1	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	4	4	399.606	
2		IMAGER	F770W	FASTR1	28	1	1	Dither 1	4	4	310.804	
2	MEDIUM(B)	MRSLONG		FASTR1	28	1	1	Dither 1	4	4	310.804	
2	MEDIUM(B)	MRSSHORT		FASTR1	28	1	1	Dither 1	4	4	310.804	
3		IMAGER	F770W	FASTR1	20	1	1	Dither 1	4	4	222.003	
3	SHORT(A)	MRSLONG		FASTR1	20	1	1	Dither 1	4	4	222.003	
3	SHORT(A)	MRSSHORT		FASTR1	20	1	1	Dither 1	4	4	222.003	

Special Requirements	Sequence Observations 9, 10, Non-interruptible

Observation

Proposal 4496, Observation 10: MIRI MRS BKG Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [MIRI MRS (Obs 9)]

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
(11)	HR5467-BKG	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 44.02 (54.02889d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3, offset by 20" N
Spectral Type: A1 V
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
FND	All MRS	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	F770W	FASTR1	36	1	1	Dither 1	2	2	199.803	
1	LONG(C)	MRSLONG		FASTR1	36	1	1	Dither 1	2	2	199.803	
1	LONG(C)	MRSSHORT		FASTR1	36	1	1	Dither 1	2	2	199.803	
2		IMAGER	F770W	FASTR1	28	1	1	Dither 1	2	2	155.402	
2	MEDIUM(B)	MRSLONG		FASTR1	28	1	1	Dither 1	2	2	155.402	
2	MEDIUM(B)	MRSSHORT		FASTR1	28	1	1	Dither 1	2	2	155.402	
3		IMAGER	F770W	FASTR1	20	1	1	Dither 1	2	2	111.002	
3	SHORT(A)	MRSLONG		FASTR1	20	1	1	Dither 1	2	2	111.002	
3	SHORT(A)	MRSSHORT		FASTR1	20	1	1	Dither 1	2	2	111.002	

Special Requirements	Sequence Observations 9, 10, Non-interruptible

Observation

Proposal 4496, Observation 11: MIRI LRS slitless Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Background Observations:[MIRI LRS slitless BKG (Obs 12)]

Diagnostics

(MIRI LRS slitless (Obs 11)) Warning (Form): Groups/Int cannot be 1, Groups/Int = 2 requires permission and Groups/Int of 3-4 is allowed but not recommended.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	HR5467-WBKG	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F1500W	FAST	4	1	1	0.636	150523.19

Template

Subarray	Obtain Verification Image?
SLITLESSPRISM	true

Dithers

#	Dither Type	No. Spectral Steps	Spectral Step Offset	No. Spatial Steps	Spatial Step Offset
1	NONE				

Pointing Verification

#	PV Readout Pattern	PV Groups/Int	PV Integrations/Exp	PV Total Integrations	PV Exposures/Dith	PV Total Dithers	PV Total Exposure Time	PV ETC Wkbk.Calc ID	Filter
1	FASTR1	4	1	1	1	1	0.636		F1500W

Proposal 4496 - Observation 11 - Absolute Flux Calibration (A Dwarfs)

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	5	160	160	1	1	152.519	

Special Requirements

Time Series Observation
No Parallel Attachments

Sequence Observations 11, 12, Non-interruptible

Observation

Proposal 4496, Observation 12: MIRI LRS slitless BKG Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Background Observation For: [MIRI LRS slitless (Obs 11)]

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
(11)	HR5467-BKG	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 44.02 (54.02889d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3, offset by 20" N
Spectral Type: A1 V
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	10 HR5467-WBKG	F1500W	FAST	4	1	1	0.636	150523.19

Template

Subarray	Obtain Verification Image?
SLITLESSPRISM	false

Dithers

#	Dither Type	No. Spectral Steps	Spectral Step Offset	No. Spatial Steps	Spatial Step Offset
1	NONE				

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	5	160	160	1	1	152.519	

Proposal 4496 - Observation 12 - Absolute Flux Calibration (A Dwarfs)

Special Requirements	
	Time Series Observation No Parallel Attachments Sequence Observations 11, 12, Non-interruptible

Observation

Proposal 4496, Observation 23: NIRCam Coronagraphy ND square SWB Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic 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
(7)	HR5467	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A 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	F210M	BRIGHT (ND Square)	MEDIUM8	17	1	1	30.763	151202

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASKSWB	false	SUB640ASWB	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	F182M	F335M	RAPID	2	1	1	1	12.578	

PSF References

PSF Reference: true

Observation

Proposal 4496, Observation 24: NIRCam Coronagraphy ND square SWBS Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic 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
(7)	HR5467	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A 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	F210M	BRIGHT (ND Square)	MEDIUM8	17	1	1	30.763	151202

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASKSWB	false	SUB640ASWB	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	F212N	F335M	RAPID	2	1	1	1	12.578	

PSF References

PSF Reference: true

Observation

Proposal 4496, Observation 25: NIRCam Coronagraphy ND square 210R Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic 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
(7)	HR5467	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A 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	F210M	BRIGHT (ND Square)	MEDIUM8	17	1	1	30.763	151202

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASK210R	false	SUB640A210R	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	F210M	F335M	RAPID	2	1	1	1	12.578	

PSF References

PSF Reference: true

Observation

Proposal 4496, Observation 26: NIRCam Coronagraphy ND square LWB Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR5467	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A 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)	DEEP8	17	1	1	16.505	151202

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	F210M	F335M	RAPID	2	1	1	1	3.209	

PSF References

PSF Reference: true

Observation

Proposal 4496, Observation 27: NIRCam Coronagraphy ND square LWBL Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	HD55677	RA: 07 14 31.2897 (108.6303738d) Dec: +13 51 36.78 (13.86022d) Equinox: J2000	Proper Motion RA: -2.595 mas/yr Proper Motion Dec: -6.579 mas/yr Parallax: 0.001333" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: A4 V
Category=Star
Description=[A 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)	DEEP8	17	1	1	16.505	151202

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	F210M	F480M	RAPID	2	1	1	1	3.209	

PSF References

PSF Reference: true

Observation

Proposal 4496, Observation 28: NIRCam Coronagraphy ND square 335R Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR5467	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A 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)	DEEP8	17	1	1	16.505	151202

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASK335R	false	SUB320A335R	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	F210M	F335M	RAPID	2	1	1	1	3.228	

PSF References

PSF Reference: true

Observation

Proposal 4496, Observation 29: NIRCam Coronagraphy ND square 430R Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(Visit 29:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR5467	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A 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)	DEEP8	17	1	1	16.505	151202

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASK430R	false	SUB320A430R	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	F210M	F335M	RAPID	2	1	1	1	3.228	

PSF References

PSF Reference: true

Observation

Proposal 4496, Observation 108: MIRI imaging Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Comments: Repeat of failed visit 8:1

Diagnostics

(Visit 108:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR5467	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A 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	CYCLING	1	4						LARGE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1500W	FASTR1	5	1	1	Dither 1	4	4	5.99	
2	F1800W	FASTR1	10	1	1	Dither 1	4	4	11.981	
3	F2100W	FASTR1	10	1	1	Dither 1	4	4	11.981	
4	F2550W	FASTR1	28	1	1	Dither 1	4	4	33.546	

Observation

Proposal 4496, Observation 124: NIRCam Coronagraphy ND square SWBS Wed Apr 10 16:00:54 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Comments: Repeat of skipped visit 24:1

Diagnostics

(Visit 124:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR5467	RA: 14 38 15.2215 (219.5634229d) Dec: +54 01 24.02 (54.02334d) Equinox: J2000	Proper Motion RA: 16.880 mas/yr Proper Motion Dec: -18.611 mas/yr Parallax: 0.008279" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: A1 V
Category=Star
Description=[A 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	F210M	BRIGHT (ND Square)	MEDIUM8	17	1	1	30.763	151202

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASKSWB	false	SUB640ASWB	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	F212N	F335M	RAPID	2	1	1	1	12.578	

PSF References

PSF Reference: true