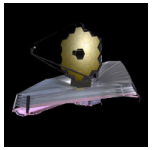

1536 - Absolute Flux Calibration (A Dwarfs)

Cycle: 1, Proposal Category: CAL/CROSS

INVESTIGATORS

Name	*Institution*
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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
J1743045				
	1	NIRSpec FS - prism	NIRSpec Fixed Slit Spectroscopy	(4) J1743045
	2	NIRSpec FS - gratings	NIRSpec Fixed Slit Spectroscopy	(4) J1743045
	3	NIRSpec IFU - gratings	NIRSpec IFU Spectroscopy	(4) J1743045
	70	NIRISS Imaging	NIRISS External Calibration	(4) J1743045
	8	NIRISS WFSS	NIRISS External Calibration	(4) J1743045
	9	NIRISS SOSS	NIRISS External Calibration	(4) J1743045
	16	MIRI Imaging	MIRI Imaging	(4) J1743045
	48	NIRCam Imaging Sub160 Module B	NIRCam Engineering Imaging	(4) J1743045
	49	NIRCam Imaging Sub64P Module B	NIRCam Imaging	(4) J1743045
	50	NIRCam Imaging Sub160 Module A	NIRCam Engineering Imaging	(4) J1743045
	51	NIRCam Imaging Sub64P Module A	NIRCam Engineering Imaging	(4) J1743045

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	79	NIRCam Weak Lens Imaging Module B	NIRCam Engineering Imaging	(4) J1743045
	80	NIRCam Weak Lens Imaging Module A	NIRCam Engineering Imaging	(4) J1743045
	81	NIRam WFSS Mod A SHORT	NIRCam Engineering Imaging	(4) J1743045
	82	NIRam WFSS Mod A LONG	NIRCam Engineering Imaging	(4) J1743045
	83	NIRam WFSS Mod B SHORT	NIRCam Engineering Imaging	(4) J1743045
	84	NIRam WFSS Mod B LONG	NIRCam Engineering Imaging	(4) J1743045
	63	NIRCam Coronagraphy MASKSWB (Workaround)	NIRCam Coronagraphic Imaging	(15) J1743045-OFFSET
	64	NIRCam Coronagraphy MASK210R (Workaround)	NIRCam Coronagraphic Imaging	(15) J1743045-OFFSET
	65	NIRCam Coronagraphy MASKLWB (Workaround)	NIRCam Coronagraphic Imaging	(15) J1743045-OFFSET
	66	NIRCam Coronagraphy MASK335R (Workaround)	NIRCam Coronagraphic Imaging	(15) J1743045-OFFSET
	67	NIRCam Coronagraphy MASK430R (Workaround)	NIRCam Coronagraphic Imaging	(15) J1743045-OFFSET
	76	FGS Imaging w/ G2 offset	NIRCam Imaging	(4) J1743045
	77	FGS Imaging w/ G1 offset	NIRCam Imaging	(4) J1743045
	148	NIRCam Imaging Sub160 Module B	NIRCam Engineering Imaging	(4) J1743045
	150	NIRCam Imaging Sub160 Module A	NIRCam Engineering Imaging	(4) J1743045
	248	NIRCam Imaging Sub160 Module B	NIRCam Engineering Imaging	(4) J1743045
J1802271				

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	5	NIRSpec FS	NIRSpec Fixed Slit Spectroscopy	(13) J1802271
	10	NIRISS AMI	NIRISS Aperture Masking Interferometry	(13) J1802271
	71	NIRISS SOSS	NIRISS Single-Object Slitless Spectroscopy	(13) J1802271
	17	MIRI Imaging	MIRI Imaging	(13) J1802271
	60	NIRCam Imaging Sub160 Module B	NIRCam Imaging	(13) J1802271
J1757132				
	6	NIRSpec FS	NIRSpec Fixed Slit Spectroscopy	(6) J1757132
	72	NIRISS SOSS	NIRISS Single-Object Slitless Spectroscopy	(6) J1757132
	18	MIRI Imaging	MIRI Imaging	(6) J1757132
	61	NIRCam Imaging Sub160 Module B	NIRCam Imaging	(6) J1757132
	78	NIRCam Imaging Sub64P Module B	NIRCam Imaging	(6) J1757132
BD+60 1753				
	19	MIRI Imaging	MIRI Imaging	(8) BD+60-1753
	73	NIRISS SOSS	NIRISS Single-Object Slitless Spectroscopy	(8) BD+60-1753
	27	MIRI LRS - slit	MIRI Low Resolution Spectroscopy	(8) BD+60-1753
	28	MIRI LRS - slitless	MIRI Low Resolution Spectroscopy	(8) BD+60-1753
HD2811				
	20	MIRI Imaging	MIRI Imaging	(14) HD2811
	74	NIRISS SOSS (predicted to be too bright for SUBSTRIP256)	NIRISS Single-Object Slitless Spectroscopy	(14) HD2811
	22	MIRI MRS	MIRI Medium Resolution Spectroscopy	(16) HD2811-WBKG
	85	MIRI MRS BKG	MIRI Medium Resolution Spectroscopy	(17) HD2811-BKG
	29	MIRI LRS - slitless	MIRI Low Resolution Spectroscopy	(14) HD2811
	40	MIRI 4QPM - F1065	MIRI Coronagraphic Photometric Calibration	(14) HD2811
	41	MIRI 4QPM - F1140	MIRI Coronagraphic Photometric Calibration	(14) HD2811
	42	MIRI 4QPM - F1550	MIRI Coronagraphic Photometric Calibration	(14) HD2811
	43	MIRI Lyot - F2300	MIRI Coronagraphic Photometric Calibration	(14) HD2811
HD 180609				
	21	MIRI Imaging	MIRI Imaging	(7) HD180609
	30	MIRI LRS - slit	MIRI Low Resolution Spectroscopy	(7) HD180609

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	31	MIRI LRS - slitless	MIRI Low Resolution Spectroscopy	(7) HD180609
	75	NIRISS SOSS	NIRISS Single-Object Slitless Spectroscopy	(7) HD180609
	121	MIRI Imaging	MIRI Imaging	(7) HD180609
	130	MIRI LRS - slit	MIRI Low Resolution Spectroscopy	(7) HD180609
del UMi				
	25	MIRI Imaging	MIRI Imaging	(12) DELUMI
	24	MIRI MRS	MIRI Medium Resolution Spectroscopy	(18) DELUMI-WBKG
	86	MIRI MRS BKG	MIRI Medium Resolution Spectroscopy	(19) DELUMI-BKG
	44	MIRI 4QPM - F1065	MIRI Coronagraphic Photometric Calibration	(12) DELUMI
	45	MIRI 4QPM - F1140	MIRI Coronagraphic Photometric Calibration	(12) DELUMI
	46	MIRI 4QPM - F1550	MIRI Coronagraphic Photometric Calibration	(12) DELUMI
	47	MIRI 4QPM - F2300	MIRI Coronagraphic Photometric Calibration	(12) DELUMI
HD 163466				
	26	MIRI Imaging	MIRI Imaging	(10) HD163466
	23	MIRI MRS	MIRI Medium Resolution Spectroscopy	(20) HD163466-WBKG
	87	MIRI MRS BKG	MIRI Medium Resolution Spectroscopy	(21) HD163466-BKG

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 white and G dwarf 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 is provisional and may change in response to system developments and final science program.

OBSERVING DESCRIPTION

Observations of 3 types of stars: A, G, and white dwarfs. Nominal goal is 4 stars with good observations of each type for 12 stars total. This provides for testing systematic uncertainties between type of star and a 1% accuracy per type (given 2% "weather" in modeling an individual star).

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2 *Guide star ID N4E9000345* *Category=Star* *Description=[A dwarfs]* *Extended=NO*				
(6)	J1757132	RA: 17 57 13.2333 (269.3051387d) Dec: +67 03 40.77 (67.06132d) Equinox: J2000	Proper Motion RA: 0.408 mas/yr Proper Motion Dec: -14.027 mas/yr Parallax: 0.001126" Epoch of Position: 2000.0	
Comments: Coordinates from Gaia DR2 *Category=Star* *Description=[A dwarfs]* *Extended=NO*				
(7)	HD180609	RA: 19 12 47.1996 (288.1966650d) Dec: +64 10 37.18 (64.17699d) Equinox: J2000	Proper Motion RA: -3.059 mas/yr Proper Motion Dec: -7.790 mas/yr Parallax: 0.001832" Epoch of Position: 2000.0	
Comments: Coordinates from Gaia DR2 *Category=Star* *Description=[A dwarfs]* *Extended=NO*				
(8)	BD+60-1753	RA: 17 24 52.2772 (261.2178217d) Dec: +60 25 50.78 (60.43077d) Equinox: J2000	Proper Motion RA: 3.981 mas/yr Proper Motion Dec: 1.809 mas/yr Parallax: 0.001968" Epoch of Position: 2000.0	
Comments: Coordinates from Gaia DR2 *Category=Star* *Description=[A dwarfs]* *Extended=NO*				
(10)	HD163466	RA: 17 52 25.3757 (268.1057321d) Dec: +60 23 46.94 (60.39637d) Equinox: J2000	Proper Motion RA: -2.730 mas/yr Proper Motion Dec: 42.672 mas/yr Parallax: 0.005086" Epoch of Position: 2000.0	
Comments: Coordinates from Gaia DR2 *Category=Star* *Description=[A dwarfs]* *Extended=NO*				
(12)	DELUMI	RA: 17 32 12.9967 (263.0541529d) Dec: +86 35 11.26 (86.58646d) Equinox: J2000	Proper Motion RA: 10.17 mas/yr Proper Motion Dec: 53.97 mas/yr Parallax: 0.01895" Epoch of Position: 2000.0	
Comments: Coordinates from Hipparcos (van Leeuwen 2007) *Category=Star* *Description=[A dwarfs]* *Extended=NO*				

(13)	J1802271	RA: 18 02 27.1688 (270.6132033d) Dec: +60 43 35.59 (60.72655d) Equinox: J2000	Proper Motion RA: 2.678 mas/yr Proper Motion Dec: -2.301 mas/yr Parallax: 0.000719" Epoch of Position: 2000.0

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A dwarfs]
Extended=NO

(14)	HD2811	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.020 mas/yr Proper Motion Dec: -4.176 mas/yr Parallax: 0.0036174" Epoch of Position: 2015.5

Comments: Coordinates from Gaia DR2

The star has spectral type A3V. Simbad photometry:

B 7.67 [0.01] D 2000A&A...355L..27H
V 7.50 [~] C 2002yCat.2237....0D
G 7.4844 [0.0004] C 2018yCat.1345....0G
J 7.144 [0.026] C 2003yCat.2246....0C
H 7.129 [0.024] C 2003yCat.2246....0C
K 7.057 [0.024] C 2003yCat.2246....0C

Other photometry: WISE W1 = 6.929, W2 = 7.020
Category=Star
Description=[A dwarfs]
Extended=NO

(15)	J1743045-OFFSET	RA: 17 43 4.4857 (265.7686904d) Dec: +66 55 6.66 (66.91852d) 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: Coordinates from Gaia DR2

Offset is 5" N of target
Category=Star
Description=[A dwarfs]
Extended=NO

(16)	HD2811-WBKG	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.020 mas/yr Proper Motion Dec: -4.176 mas/yr Parallax: 0.0036174" Epoch of Position: 2015.5

Comments: Coordinates from Gaia DR2

The star has spectral type A3V. Simbad photometry:

B 7.67 [0.01] D 2000A&A...355L..27H
V 7.50 [~] C 2002yCat.2237....0D
G 7.4844 [0.0004] C 2018yCat.1345....0G
J 7.144 [0.026] C 2003yCat.2246....0C
H 7.129 [0.024] C 2003yCat.2246....0C
K 7.057 [0.024] C 2003yCat.2246....0C

Other photometry: WISE W1 = 6.929, W2 = 7.020
Category=Star
Description=[A dwarfs]
Extended=NO

(17)	HD2811-BKG	RA: 00 32 18.4899 (8.0770413d) Dec: -43 37 23.00 (-43.62306d) Equinox: J2000	Proper Motion RA: -6.020 mas/yr Proper Motion Dec: -4.176 mas/yr Parallax: 0.0036174" Epoch of Position: 2015.5
Comments: Coordinates from Gaia DR2 *The star has spectral type A3V. Simbad photometry:* *B 7.67 [0.01] D 2000A&A...355L..27H* *V 7.50 [~] C 2002yCat.2237....0D* *G 7.4844 [0.0004] C 2018yCat.1345....0G* *J 7.144 [0.026] C 2003yCat.2246....0C* *H 7.129 [0.024] C 2003yCat.2246....0C* *K 7.057 [0.024] C 2003yCat.2246....0C* *Other photometry: WISE W1 = 6.929, W2 = 7.020* *Category=Star* *Description=[A dwarfs]* *Extended=NO*			
(18)	DELUMI-WBKG	RA: 17 32 12.9967 (263.0541529d) Dec: +86 35 11.26 (86.58646d) Equinox: J2000	Proper Motion RA: 10.17 mas/yr Proper Motion Dec: 53.97 mas/yr Parallax: 0.01895" Epoch of Position: 2000.0
Comments: Coordinates from Hipparcos (van Leeuwen 2007) *Category=Star* *Description=[A dwarfs]* *Extended=NO*			
(19)	DELUMI-BKG	RA: 17 33 12.9967 (263.3041529d) Dec: +86 36 11.26 (86.60313d) Equinox: J2000	Proper Motion RA: 10.17 mas/yr Proper Motion Dec: 53.97 mas/yr Parallax: 0.01895" Epoch of Position: 2000.0
Comments: Coordinates from Hipparcos (van Leeuwen 2007) *Category=Star* *Description=[A dwarfs]* *Extended=NO*			
(20)	HD163466-WBKG	RA: 17 52 25.3757 (268.1057321d) Dec: +60 23 46.94 (60.39637d) Equinox: J2000	Proper Motion RA: -2.730 mas/yr Proper Motion Dec: 42.672 mas/yr Parallax: 0.005086" Epoch of Position: 2000.0
Comments: Coordinates from Gaia DR2 *Category=Star* *Description=[A dwarfs]* *Extended=NO*			
(21)	HD163466-BKG	RA: 17 53 25.3757 (268.3557321d) Dec: +60 24 46.94 (60.41304d) Equinox: J2000	Proper Motion RA: -2.730 mas/yr Proper Motion Dec: 42.672 mas/yr Parallax: 0.005086" Epoch of Position: 2000.0
Comments: Coordinates from Gaia DR2 *Category=Star* *Description=[A dwarfs]* *Extended=NO*			

Observation

Proposal 1536, Observation 1: NIRSpec FS - prism

Wed Aug 23 21:01:49 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
(4)	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: Coordinates from Gaia DR2

Guide star ID N4E9000345
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	0

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	12	15	1	NONE	5	75	222.042	

Observation

Proposal 1536, Observation 2: NIRSpec FS - gratings

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

Guide star ID N4E9000345
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	0

Template

Slit	Subarray
S1600A1	SUB2048

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	G140M/F070LP	S1600A1	NRSRAPID	80	2	1	NONE	5	10	730.825	
2	G140M/F100LP	S1600A1	NRSRAPID	50	1	2	NONE	5	5	230.112	
3	G235M/F170LP	S1600A1	NRSRAPID	80	1	3	NONE	5	5	365.412	
4	G395M/F290LP	S1600A1	NRSRAPID	250	1	4	NONE	5	5	1132.112	
5	G140H/F070LP	S1600A1	NRSRAPID	100	1	5	NONE	5	5	455.612	
6	G140H/F100LP	S1600A1	NRSRAPID	150	1	6	NONE	5	5	681.112	
7	G235H/F170LP	S1600A1	NRSRAPID	250	1	7	NONE	5	5	1132.112	
8	G395H/F290LP	S1600A1	NRSRAPID	850	1	8	NONE	5	5	3838.112	

Observation

Proposal 1536, Observation 3: NIRSpec IFU - gratings

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

(Visit 3:1) Warning (Form): Data Excess over lower threshold

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

Guide star ID N4E9000345
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	0

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	8	1	false	true	NONE	4	4	525.2	
2	G235M/F170LP	NRSIRS2RAPID	10	1	false	true	NONE	4	4	641.911	
3	G395M/F290LP	NRSIRS2RAPID	35	1	false	true	NONE	4	4	2100.8	
4	G140H/F100LP	NRSIRS2RAPID	23	1	false	true	NONE	4	4	1400.533	
5	G235H/F170LP	NRSIRS2RAPID	28	1	false	true	NONE	4	4	1692.311	
6	G395H/F290LP	NRSIRS2RAPID	100	1	false	true	NONE	4	4	5893.912	

Observation

Proposal 1536, Observation 70: NIRISS Imaging

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRISS External Calibration

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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			

Proposal 1536 - Observation 70 - Absolute Flux Calibration (A Dwarfs)

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	4	7	4	28	6.943	
2	SUB64	DEFAULT APERTURE	CLEAR	F115W	NISRAPID	4	7	4	28	6.943	
3	SUB64	DEFAULT APERTURE	CLEAR	F158M	NISRAPID	6	7	4	28	9.491	
4	SUB64	DEFAULT APERTURE	CLEAR	F140M	NISRAPID	6	7	4	28	9.491	
5	SUB64	DEFAULT APERTURE	CLEAR	F150W	NISRAPID	4	7	4	28	6.943	
6	SUB64	DEFAULT APERTURE	CLEAR	F200W	NISRAPID	4	7	4	28	6.943	
7	SUB128	DEFAULT APERTURE	F480M	CLEARP	NISRAPID	25	1	4	4	19.01	
8	SUB128	DEFAULT APERTURE	F380M	CLEARP	NISRAPID	15	1	4	4	11.73	
9	SUB128	DEFAULT APERTURE	F430M	CLEARP	NISRAPID	20	1	4	4	15.37	
10	SUB128	DEFAULT APERTURE	F356W	CLEARP	NISRAPID	10	1	4	4	8.09	
11	SUB128	DEFAULT APERTURE	F444W	CLEARP	NISRAPID	10	1	4	4	8.09	
12	SUB128	DEFAULT APERTURE	F277W	CLEARP	NISRAPID	4	3	4	12	11.166	

Observation

Proposal 1536, Observation 8: NIRISS WFSS Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRISS External Calibration

Diagnostics

(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 8:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 8:3) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 8:4) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 8:5) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 8:6) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 8:7) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 8:8) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 8:9) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 8:10) Warning (Form): Overheads are provisional until the Visit Planner has been run.
(Visit 8:11) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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	WFSS	4			MEDIUM

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	WFSS128R	DEFAULT APERTURE	CLEAR	F090W	NISRAPID	3	2	4	8	21.795	
2	WFSS128R	DEFAULT APERTURE	GR150R	F090W	NISRAPID	7	3	4	12	65.139	
3	WFSS128C	DEFAULT APERTURE	GR150C	F090W	NISRAPID	5	1	4	4	68.962	
4	WFSS128C	DEFAULT APERTURE	GR150C	F115W	NISRAPID	5	1	4	4	68.962	
5	WFSS128R	DEFAULT APERTURE	GR150R	F115W	NISRAPID	7	3	4	12	65.139	
6	WFSS128R	DEFAULT APERTURE	CLEAR	F115W	NISRAPID	3	2	4	8	21.795	
7	WFSS128C	DEFAULT APERTURE	CLEAR	F158M	NISRAPID	3	2	4	8	92.004	
8	WFSS128R	DEFAULT APERTURE	GR150R	F158M	NISRAPID	7	2	4	8	43.426	
9	WFSS128C	DEFAULT APERTURE	GR150C	F158M	NISRAPID	3	1	4	4	46.002	
10	WFSS128C	DEFAULT APERTURE	GR150C	F140M	NISRAPID	3	1	4	4	46.002	
11	WFSS128R	DEFAULT APERTURE	GR150R	F140M	NISRAPID	7	2	4	8	43.426	
12	WFSS128R	DEFAULT APERTURE	CLEAR	F140M	NISRAPID	3	2	4	8	21.795	
13	WFSS128C	DEFAULT APERTURE	CLEAR	F150W	NISRAPID	3	2	4	8	92.004	
14	WFSS128R	DEFAULT APERTURE	GR150R	F150W	NISRAPID	4	4	4	16	54.405	
15	WFSS128C	DEFAULT APERTURE	GR150C	F150W	NISRAPID	3	1	4	4	46.002	
16	WFSS128C	DEFAULT APERTURE	GR150C	F200W	NISRAPID	3	1	4	4	46.002	
17	WFSS128R	DEFAULT APERTURE	GR150R	F200W	NISRAPID	4	4	4	16	54.405	
18	WFSS128R	DEFAULT APERTURE	CLEAR	F200W	NISRAPID	3	2	4	8	21.795	

Special Requirements

Group Visits within 53.0 Days
Visits Same PA

Observation

Proposal 1536, Observation 9: NIRISS SOSS Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRISS External Calibration

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
(4)	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: Coordinates from Gaia DR2

Guide star ID N4E9000345
Category=Star
Description=[A 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	SOSSFAINT	F480M	NISRAPID	11	1	1	0.566	23135

Template

Pointing Type
PRIME

Dithers

#	Pattern Type	Image Dithers	Primary Dithers	Subpixel Positions	Pattern Size
1	NONE				

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	SUBSTRIP256	DEFAULT APERTURE	CLEAR	GR700XD	NISRAPID	25	25	1	25	3571.612	
2	SUBSTRIP256	DEFAULT APERTURE	F277W	GR700XD	NISRAPID	25	9	1	9	1285.78	

Special Requirements	No Parallel Attachments

Observation

Proposal 1536, Observation 16: MIRI Imaging

Wed Aug 23 21:01:49 GMT 2023

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
(4)	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: Coordinates from Gaia DR2

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

Template

Subarray
FULL

Dithers

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

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	10	1	1	Dither 1	4	4	111.002	
2	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
3	F1000W	FASTR1	10	1	1	Dither 1	4	4	111.002	
4	F1130W	FASTR1	20	1	1	Dither 1	4	4	222.003	
5	F1280W	FASTR1	16	1	1	Dither 1	4	4	177.603	
6	F1500W	FASTR1	18	2	1	Dither 1	4	8	410.706	

Observation

Proposal 1536, Observation 48: NIRCam Imaging Sub160 Module B Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Diagnostics

(Visit 48:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray
B	SUB160

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
1	2	10.0	25.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	2	STANDARD		2

Proposal 1536 - Observation 48 - Absolute Flux Calibration (A Dwarfs)

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	F164N	CLEAR	F150W2	F460M	RAPID	7	3	12	4	26.811	
2	CLEAR	CLEAR	F187N	F480M	RAPID	5	5	20	4	33.539	
3	CLEAR	CLEAR	F070W	F356W	RAPID	3	1	4	4	4.479	
4	CLEAR	CLEAR	F090W	F277W	RAPID	3	1	4	4	4.479	
5	CLEAR	CLEAR	F115W	F444W	RAPID	3	1	4	4	4.479	
6	CLEAR	CLEAR	F150W	F250M	RAPID	4	1	4	4	5.593	
7	CLEAR	CLEAR	F200W	F300M	RAPID	4	1	4	4	5.593	
8	CLEAR	CLEAR	F140M	F335M	RAPID	4	1	4	4	5.593	
9	F162M	CLEAR	F150W2	F360M	RAPID	5	1	4	4	6.708	
10	CLEAR	CLEAR	F182M	F410M	RAPID	5	1	4	4	6.708	
11	CLEAR	CLEAR	F210M	F430M	RAPID	5	3	12	4	20.124	
12	CLEAR	F323N	F212N	F322W2	SHALLOW4	7	2	8	4	78.06	
13	CLEAR	F466N	F187N	F444W	SHALLOW4	7	2	8	4	78.06	
14	F164N	F470N	F150W2	F444W	SHALLOW4	7	2	8	4	78.06	
15	CLEAR	F405N	F212N	F444W	SHALLOW4	7	2	8	4	78.06	

Special Requirements

Offset 2.8 arcsec, 0.0 arcsec

Observation

Proposal 1536, Observation 49: NIRCam Imaging Sub64P Module B Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Comments: Will only have the W2 filters on the LW detectors and 2 of the SW detectors. Nothing we can do about that for this target.

Diagnostics

(NIRCam Imaging Sub64P Module B (Obs 49)) Warning (Form): Pointing performance insufficient

(NIRCam Imaging Sub64P Module B (Obs 49)) Warning (Form): Pointing performance insufficient

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

Guide star ID N4E9000345
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	NONE		STANDARD		4

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F150W2	F322W2	RAPID	4	2	8	4	2.027	
2	F070W	F356W	RAPID	4	2	8	4	2.027	

Observation

Proposal 1536, Observation 50: NIRCam Imaging Sub160 Module A Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray
A	SUB160

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
1	2	10.0	25.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	2	STANDARD		2

Proposal 1536 - Observation 50 - Absolute Flux Calibration (A Dwarfs)

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	F164N	CLEAR	F150W2	F460M	RAPID	7	3	12	4	26.811	
2	CLEAR	CLEAR	F187N	F480M	RAPID	9	3	12	4	33.498	
3	CLEAR	CLEAR	F070W	F356W	RAPID	3	1	4	4	4.479	
4	CLEAR	CLEAR	F090W	F277W	RAPID	3	1	4	4	4.479	
5	CLEAR	CLEAR	F115W	F444W	RAPID	3	1	4	4	4.479	
6	CLEAR	CLEAR	F150W	F250M	RAPID	4	1	4	4	5.593	
7	CLEAR	CLEAR	F200W	F300M	RAPID	4	1	4	4	5.593	
8	CLEAR	CLEAR	F140M	F335M	RAPID	4	1	4	4	5.593	
9	F162M	CLEAR	F150W2	F360M	RAPID	5	1	4	4	6.708	
10	CLEAR	CLEAR	F182M	F410M	RAPID	5	1	4	4	6.708	
11	CLEAR	CLEAR	F210M	F430M	RAPID	5	3	12	4	20.124	
12	CLEAR	F323N	F212N	F322W2	SHALLOW4	7	2	8	4	78.06	
13	CLEAR	F466N	F187N	F444W	SHALLOW4	7	2	8	4	78.06	
14	F164N	F470N	F150W2	F444W	SHALLOW4	7	2	8	4	78.06	
15	CLEAR	F405N	F212N	F444W	SHALLOW4	7	2	8	4	78.06	

Special Requirements

Offset 2.8 arcsec, -0.3 arcsec

Observation

Proposal 1536, Observation 51: NIRCam Imaging Sub64P Module A Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Will only have the W2 filters on the LW detectors and 2 of the SW detectors. Nothing we can do about that for this target.

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

Guide star ID N4E9000345
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	NONE		STANDARD		4

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	F150W2	F322W2	RAPID	4	2	8	4	2.027	
2	CLEAR	CLEAR	F070W	F277W	RAPID	4	2	8	4	2.027	

Observation

Proposal 1536, Observation 79: NIRCam Weak Lens Imaging Module B Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Diagnostics

(Visit 79:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray
B	SUB400P

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	NONE		STANDARD		2

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	WLP8	F466N	F150W	F444W	RAPID	6	2	4	2	46.457	
2	WLP8	F470N	F140M	F444W	RAPID	7	3	6	2	79.622	
3	WLP8	F405N	F182M	F444W	RAPID	6	3	6	2	69.685	
4	WLP8	F466N	F187N	F444W	SHALLOW4	12	2	4	2	397.58	
5	WLP8	F470N	F210M	F444W	RAPID	9	3	6	2	99.497	
6	WLP8	F405N	F212N	F444W	SHALLOW4	12	2	4	2	397.58	
7	WLP8	F323N	F200W	F322W2	RAPID	6	2	4	2	46.457	

Observation

Proposal 1536, Observation 80: NIRCam Weak Lens Imaging Module A Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Diagnostics

(Visit 80:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray
A	SUB320

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
1	2	10.0	25.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	NONE		STANDARD		2

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	WLP8	F466N	F070W	F444W	BRIGHT2	7	2	4	2	64.224	
2	WLP8	F470N	F140M	F444W	BRIGHT2	9	2	4	2	81.329	
3	WLP8	F405N	F182M	F444W	BRIGHT2	8	2	4	2	72.777	
4	WLP8	F466N	F187N	F444W	SHALLOW4	12	3	6	2	384.977	
5	WLP8	F470N	F210M	F444W	BRIGHT2	11	2	4	2	98.434	
6	WLP8	F405N	F212N	F444W	SHALLOW4	12	3	6	2	384.977	
7	CLEAR	F323N	WLP4	F322W2	BRIGHT2	8	3	6	2	109.165	

Special Requirements	Offset -0.3 arcsec, -7.5 arcsec

Observation

Proposal 1536, Observation 81: NIRam WFSS Mod A SHORT Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Diagnostics

(Visit 81:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray
A	FULL

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	NONE		STANDARD		2

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	F405N	F212N	F444W	RAPID	3	1	2	2	64.421	
2	CLEAR	GRISMR	F212N	F277W	RAPID	5	1	2	2	107.368	
3	CLEAR	GRISMR	F212N	F322W2	RAPID	6	1	2	2	128.841	
4	CLEAR	GRISMR	F212N	F356W	RAPID	5	1	2	2	107.368	
5	CLEAR	GRISMR	F212N	F250M	RAPID	5	1	2	2	107.368	
6	CLEAR	GRISMR	F212N	F300M	RAPID	5	1	2	2	107.368	
7	CLEAR	GRISMR	F212N	F335M	RAPID	5	1	2	2	107.368	
8	CLEAR	GRISMR	F212N	F360M	RAPID	5	1	2	2	107.368	
9	CLEAR	GRISMC	F212N	F277W	RAPID	5	1	2	2	107.368	
10	CLEAR	GRISMC	F212N	F322W2	RAPID	6	1	2	2	128.841	
11	CLEAR	GRISMC	F212N	F356W	RAPID	5	1	2	2	107.368	
12	CLEAR	GRISMC	F212N	F250M	RAPID	5	1	2	2	107.368	
13	CLEAR	GRISMC	F212N	F300M	RAPID	5	1	2	2	107.368	
14	CLEAR	GRISMC	F212N	F335M	RAPID	5	1	2	2	107.368	
15	CLEAR	GRISMC	F212N	F360M	RAPID	5	1	2	2	107.368	

Special Requirements	Offset 45.0 arcsec, 50.0 arcsec

Observation

Proposal 1536, Observation 82: NIRam WFSS Mod A LONG Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Diagnostics

(Visit 82:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray
A	FULL

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	NONE		STANDARD		2

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	F405N	F212N	F444W	RAPID	3	1	2	2	64.421	
2	CLEAR	GRISMR	F212N	F444W	BRIGHT1	6	2	4	2	493.891	
3	CLEAR	GRISMR	F212N	F410M	BRIGHT1	4	1	2	2	150.315	
4	CLEAR	GRISMR	F212N	F430M	BRIGHT1	5	1	2	2	193.262	
5	CLEAR	GRISMR	F212N	F460M	BRIGHT1	7	1	2	2	279.156	
6	CLEAR	GRISMR	F212N	F480M	BRIGHT1	10	1	2	2	407.997	
7	CLEAR	GRISMC	F212N	F444W	BRIGHT1	6	2	4	2	493.891	
8	CLEAR	GRISMC	F212N	F410M	BRIGHT1	4	1	2	2	150.315	
9	CLEAR	GRISMC	F212N	F430M	BRIGHT1	5	1	2	2	193.262	
10	CLEAR	GRISMC	F212N	F460M	BRIGHT1	7	1	2	2	279.156	
11	CLEAR	GRISMC	F212N	F480M	BRIGHT1	10	1	2	2	407.997	

Special Requirements	Offset -32.9 arcsec, -32.8 arcsec

Observation

Proposal 1536, Observation 83: NIRam WFSS Mod B SHORT

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Diagnostics

(Visit 83:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray
B	FULL

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	NONE		STANDARD		2

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	F405N	F212N	F444W	RAPID	3	1	2	2	64.421	
2	CLEAR	GRISMR	F212N	F277W	RAPID	5	1	2	2	107.368	
3	CLEAR	GRISMR	F212N	F322W2	RAPID	6	1	2	2	128.841	
4	CLEAR	GRISMR	F212N	F356W	RAPID	5	1	2	2	107.368	
5	CLEAR	GRISMR	F212N	F250M	RAPID	5	1	2	2	107.368	
6	CLEAR	GRISMR	F212N	F300M	RAPID	5	1	2	2	107.368	
7	CLEAR	GRISMR	F212N	F335M	RAPID	5	1	2	2	107.368	
8	CLEAR	GRISMR	F212N	F360M	RAPID	5	1	2	2	107.368	
9	CLEAR	GRISMC	F212N	F277W	RAPID	5	1	2	2	107.368	
10	CLEAR	GRISMC	F212N	F322W2	RAPID	6	1	2	2	128.841	
11	CLEAR	GRISMC	F212N	F356W	RAPID	5	1	2	2	107.368	
12	CLEAR	GRISMC	F212N	F250M	RAPID	5	1	2	2	107.368	
13	CLEAR	GRISMC	F212N	F300M	RAPID	5	1	2	2	107.368	
14	CLEAR	GRISMC	F212N	F335M	RAPID	5	1	2	2	107.368	
15	CLEAR	GRISMC	F212N	F360M	RAPID	5	1	2	2	107.368	

Special Requirements	Offset -37.7 arcsec, 51.3 arcsec

Observation

Proposal 1536, Observation 84: NIRam WFSS Mod B LONG Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Diagnostics

(Visit 84:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray
B	FULL

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	NONE		STANDARD		2

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	F405N	F212N	F444W	RAPID	3	1	2	2	64.421	
2	CLEAR	GRISMR	F212N	F444W	BRIGHT1	6	2	4	2	493.891	
3	CLEAR	GRISMR	F212N	F410M	BRIGHT1	4	1	2	2	150.315	
4	CLEAR	GRISMR	F212N	F430M	BRIGHT1	5	1	2	2	193.262	
5	CLEAR	GRISMR	F212N	F460M	BRIGHT1	7	1	2	2	279.156	
6	CLEAR	GRISMR	F212N	F480M	BRIGHT1	10	1	2	2	407.997	
7	CLEAR	GRISMC	F212N	F444W	BRIGHT1	6	2	4	2	493.891	
8	CLEAR	GRISMC	F212N	F410M	BRIGHT1	4	1	2	2	150.315	
9	CLEAR	GRISMC	F212N	F430M	BRIGHT1	5	1	2	2	193.262	
10	CLEAR	GRISMC	F212N	F460M	BRIGHT1	7	1	2	2	279.156	
11	CLEAR	GRISMC	F212N	F480M	BRIGHT1	10	1	2	2	407.997	

Special Requirements	Offset 32.1 arcsec, -32.8 arcsec

Observation

Proposal 1536, Observation 63: NIRCam Coronagraphy MASKSWB (Workaround) Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Error

Observing Template: NIRCam Coronagraphic Imaging

Comments: Part 1

Diagnostics

(NIRCam Coronagraphy MASKSWB (Workaround) (Obs 63)) Error (Form): Long Filter is a required field.
(NIRCam Coronagraphy MASKSWB (Workaround) (Obs 63)) Error (Form): Long Filter is a required field.
(NIRCam Coronagraphy MASKSWB (Workaround) (Obs 63)) Error (Form): Long Filter is a required field.
(NIRCam Coronagraphy MASKSWB (Workaround) (Obs 63)) Error (Form): Long Filter is a required field.
(NIRCam Coronagraphy MASKSWB (Workaround) (Obs 63)) Error (Form): Long Filter is a required field.
(Visit 63:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(15)	J1743045-OFFSET	RA: 17 43 4.4857 (265.7686904d) Dec: +66 55 6.66 (66.91852d) 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: Coordinates from Gaia DR2

Offset is 5" N of target
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	4 J1743045	F210M	FAINT	RAPID	17	1	1	3.281	45653

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASKSWB	false	SUB640ASWB	3-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	F182M		BRIGHT2	6	1	3	3	163.309	
2	F210M		BRIGHT2	6	1	3	3	163.309	
3	F187N		SHALLOW4	6	1	3	3	376.787	
4	F212N		SHALLOW4	6	1	3	3	376.787	
5	F200W		BRIGHT2	6	1	3	3	163.309	

PSF References

PSF Reference: true

Special Requirements	No Parallel Attachments

Observation

Proposal 1536, Observation 64: NIRCam Coronagraphy MASK210R (Workaround) Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Error

Observing Template: NIRCam Coronagraphic Imaging

Comments: Part 1

Diagnostics

(NIRCam Coronagraphy MASK210R (Workaround) (Obs 64)) Error (Form): Long Filter is a required field.
(NIRCam Coronagraphy MASK210R (Workaround) (Obs 64)) Error (Form): Long Filter is a required field.
(NIRCam Coronagraphy MASK210R (Workaround) (Obs 64)) Error (Form): Long Filter is a required field.
(NIRCam Coronagraphy MASK210R (Workaround) (Obs 64)) Error (Form): Long Filter is a required field.
(NIRCam Coronagraphy MASK210R (Workaround) (Obs 64)) Error (Form): Long Filter is a required field.
(Visit 64:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(15)	J1743045-OFFSET	RA: 17 43 4.4857 (265.7686904d) Dec: +66 55 6.66 (66.91852d) 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: Coordinates from Gaia DR2

Offset is 5" N of target
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	4 J1743045	F210M	FAINT	RAPID	17	1	1	3.281	45653

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASK210R	false	SUB640A210R	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	F182M		BRIGHT2	6	1	5	5	272.182	
2	F210M		BRIGHT2	6	1	5	5	272.182	
3	F187N		SHALLOW4	6	1	5	5	627.978	
4	F212N		SHALLOW4	6	1	5	5	627.978	
5	F200W		BRIGHT2	6	1	5	5	272.182	

PSF References

PSF Reference: true

Special Requirements	No Parallel Attachments

Observation

Proposal 1536, Observation 65: NIRCam Coronagraphy MASKLWB (Workaround) Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Error

Observing Template: NIRCam Coronagraphic Imaging

Comments: Part 1

Diagnostics

(NIRCam Coronagraphy MASKLWB (Workaround) (Obs 65)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASKLWB (Workaround) (Obs 65)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASKLWB (Workaround) (Obs 65)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASKLWB (Workaround) (Obs 65)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASKLWB (Workaround) (Obs 65)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASKLWB (Workaround) (Obs 65)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASKLWB (Workaround) (Obs 65)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASKLWB (Workaround) (Obs 65)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASKLWB (Workaround) (Obs 65)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASKLWB (Workaround) (Obs 65)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASKLWB (Workaround) (Obs 65)) Error (Form): Short Filter is a required field.
(Visit 65:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(15)	J1743045-OFFSET	RA: 17 43 4.4857 (265.7686904d) Dec: +66 55 6.66 (66.91852d) 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: Coordinates from Gaia DR2

Offset is 5" N of target
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	4 J1743045	F335M	FAINT	SHALLOW2	17	1	1	4.166	45653

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASKLWB	false	SUB400X256ALWB	3-POINT-BAR

Proposal 1536 - Observation 65 - Absolute Flux Calibration (A Dwarfs)

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	SHALLOW4	10	1	3	3	159.505	
2		F300M	SHALLOW4	10	1	3	3	159.505	
3		F335M	SHALLOW4	10	1	3	3	159.505	
4		F360M	SHALLOW4	10	1	3	3	159.505	
5		F410M	SHALLOW4	10	1	3	3	159.505	
6		F430M	DEEP2	8	2	3	6	912.143	
7		F460M	DEEP2	8	2	3	6	912.143	
8		F480M	DEEP2	8	2	3	6	912.143	
9		F277W	SHALLOW4	10	1	3	3	159.505	
10		F356W	SHALLOW4	10	1	3	3	159.505	
11		F444W	SHALLOW4	10	1	3	3	159.505	

PSF References

PSF Reference: true

Special Requirements

No Parallel Attachments

Observation

Proposal 1536, Observation 66: NIRCam Coronagraphy MASK335R (Workaround) Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Error

Observing Template: NIRCam Coronagraphic Imaging

Comments: Part 1

Diagnostics

(NIRCam Coronagraphy MASK335R (Workaround) (Obs 66)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK335R (Workaround) (Obs 66)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK335R (Workaround) (Obs 66)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK335R (Workaround) (Obs 66)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK335R (Workaround) (Obs 66)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK335R (Workaround) (Obs 66)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK335R (Workaround) (Obs 66)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK335R (Workaround) (Obs 66)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK335R (Workaround) (Obs 66)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK335R (Workaround) (Obs 66)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK335R (Workaround) (Obs 66)) Error (Form): Short Filter is a required field.
(Visit 66:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(15)	J1743045-OFFSET	RA: 17 43 4.4857 (265.7686904d) Dec: +66 55 6.66 (66.91852d) 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: Coordinates from Gaia DR2

Offset is 5" N of target
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	4 J1743045	F335M	FAINT	SHALLOW2	17	1	1	4.166	45653

Template

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

Proposal 1536 - Observation 66 - Absolute Flux Calibration (A Dwarfs)

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	SHALLOW4	10	1	5	5	267.362	
2		F300M	SHALLOW4	10	1	5	5	267.362	
3		F335M	SHALLOW4	10	1	5	5	267.362	
4		F360M	SHALLOW4	10	1	5	5	267.362	
5		F410M	SHALLOW4	10	1	5	5	267.362	
6		F430M	DEEP2	10	1	5	5	978.274	
7		F460M	DEEP2	10	1	5	5	978.274	
8		F480M	DEEP2	10	1	5	5	978.274	
9		F356W	SHALLOW4	10	1	5	5	267.362	
10		F444W	SHALLOW4	10	1	5	5	267.362	
11		F322W2	SHALLOW4	6	1	5	5	160.458	

PSF References

PSF Reference: true

Special Requirements

No Parallel Attachments

Observation

Proposal 1536, Observation 67: NIRCam Coronagraphy MASK430R (Workaround) Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Error

Observing Template: NIRCam Coronagraphic Imaging

Comments: Part 1

Diagnostics

(NIRCam Coronagraphy MASK430R (Workaround) (Obs 67)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK430R (Workaround) (Obs 67)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK430R (Workaround) (Obs 67)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK430R (Workaround) (Obs 67)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK430R (Workaround) (Obs 67)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK430R (Workaround) (Obs 67)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK430R (Workaround) (Obs 67)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK430R (Workaround) (Obs 67)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK430R (Workaround) (Obs 67)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK430R (Workaround) (Obs 67)) Error (Form): Short Filter is a required field.
(NIRCam Coronagraphy MASK430R (Workaround) (Obs 67)) Error (Form): Short Filter is a required field.
(Visit 67:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(15)	J1743045-OFFSET	RA: 17 43 4.4857 (265.7686904d) Dec: +66 55 6.66 (66.91852d) 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: Coordinates from Gaia DR2

Offset is 5" N of target
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	4 J1743045	F335M	FAINT	SHALLOW2	17	1	1	4.166	45653

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASK430R	false	SUB320A430R	5-POINT-BOX

Proposal 1536 - Observation 67 - Absolute Flux Calibration (A Dwarfs)

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	SHALLOW4	10	1	5	5	267.362	
2		F300M	SHALLOW4	10	1	5	5	267.362	
3		F335M	SHALLOW4	10	1	5	5	267.362	
4		F360M	SHALLOW4	10	1	5	5	267.362	
5		F410M	SHALLOW4	10	1	5	5	267.362	
6		F430M	DEEP2	10	1	5	5	978.274	
7		F460M	DEEP2	10	1	5	5	978.274	
8		F480M	DEEP2	10	1	5	5	978.274	
9		F356W	SHALLOW4	10	1	5	5	267.362	
10		F444W	SHALLOW4	10	1	5	5	267.362	
11		F322W2	SHALLOW4	6	1	5	5	160.458	

PSF References

PSF Reference: true

Special Requirements

No Parallel Attachments

Observation

Proposal 1536, Observation 76: FGS Imaging w/ G2 offset Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Comments: We want Guide Star N4E9000345 in Guider 2.

Diagnostics

(Visit 76:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray	Target Placement
ALL	FULL	Module Gap

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	NONE		STANDARD		2

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	2	2	4	2	107.368	

Special Requirements

Offset -25.0 arcsec, -205.0 arcsec
Guide Star ID N4E9000345 in Guider 2
Guide Star Limits 11. - 14.

Observation

Proposal 1536, Observation 77: FGS Imaging w/ G1 offset

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Comments: We want Guide Star N4E9000345 in Guider 1.

Diagnostics

(Visit 77:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray	Target Placement
ALL	FULL	Module Gap

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	NONE		STANDARD		2

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	2	2	4	2	107.368	

Special Requirements

Offset -201.0 arcsec, -205.0 arcsec
Guide Star ID N4E9000345 in Guider 1
Guide Star Limits 11. - 14.

Observation

Proposal 1536, Observation 148: NIRCam Imaging Sub160 Module B Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Repeat of skipped observation 48

Diagnostics

(Visit 148:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray
B	SUB160

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
1	2	10.0	25.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	2	STANDARD		2

Proposal 1536 - Observation 148 - Absolute Flux Calibration (A Dwarfs)

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	F164N	CLEAR	F150W2	F460M	RAPID	7	3	12	4	26.811	
2	CLEAR	CLEAR	F187N	F480M	RAPID	5	5	20	4	33.539	
3	CLEAR	CLEAR	F070W	F356W	RAPID	3	1	4	4	4.479	
4	CLEAR	CLEAR	F090W	F277W	RAPID	3	1	4	4	4.479	
5	CLEAR	CLEAR	F115W	F444W	RAPID	3	1	4	4	4.479	
6	CLEAR	CLEAR	F150W	F250M	RAPID	4	1	4	4	5.593	
7	CLEAR	CLEAR	F200W	F300M	RAPID	4	1	4	4	5.593	
8	CLEAR	CLEAR	F140M	F335M	RAPID	4	1	4	4	5.593	
9	F162M	CLEAR	F150W2	F360M	RAPID	5	1	4	4	6.708	
10	CLEAR	CLEAR	F182M	F410M	RAPID	5	1	4	4	6.708	
11	CLEAR	CLEAR	F210M	F430M	RAPID	5	3	12	4	20.124	
12	CLEAR	F323N	F212N	F322W2	SHALLOW4	7	2	8	4	78.06	
13	CLEAR	F466N	F187N	F444W	SHALLOW4	7	2	8	4	78.06	
14	F164N	F470N	F150W2	F444W	SHALLOW4	7	2	8	4	78.06	
15	CLEAR	F405N	F212N	F444W	SHALLOW4	7	2	8	4	78.06	

Special Requirements

Offset 2.8 arcsec, 0.0 arcsec

Observation

Proposal 1536, Observation 150: NIRCam Imaging Sub160 Module A Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Repeat of skipped observation 50.

Diagnostics

(Visit 150:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray
A	SUB160

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
1	2	10.0	25.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	2	STANDARD		2

Proposal 1536 - Observation 150 - Absolute Flux Calibration (A Dwarfs)

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	F164N	CLEAR	F150W2	F460M	RAPID	7	3	12	4	26.811	
2	CLEAR	CLEAR	F187N	F480M	RAPID	9	3	12	4	33.498	
3	CLEAR	CLEAR	F070W	F356W	RAPID	3	1	4	4	4.479	
4	CLEAR	CLEAR	F090W	F277W	RAPID	3	1	4	4	4.479	
5	CLEAR	CLEAR	F115W	F444W	RAPID	3	1	4	4	4.479	
6	CLEAR	CLEAR	F150W	F250M	RAPID	4	1	4	4	5.593	
7	CLEAR	CLEAR	F200W	F300M	RAPID	4	1	4	4	5.593	
8	CLEAR	CLEAR	F140M	F335M	RAPID	4	1	4	4	5.593	
9	F162M	CLEAR	F150W2	F360M	RAPID	5	1	4	4	6.708	
10	CLEAR	CLEAR	F182M	F410M	RAPID	5	1	4	4	6.708	
11	CLEAR	CLEAR	F210M	F430M	RAPID	5	3	12	4	20.124	
12	CLEAR	F323N	F212N	F322W2	SHALLOW4	7	2	8	4	78.06	
13	CLEAR	F466N	F187N	F444W	SHALLOW4	7	2	8	4	78.06	
14	F164N	F470N	F150W2	F444W	SHALLOW4	7	2	8	4	78.06	
15	CLEAR	F405N	F212N	F444W	SHALLOW4	7	2	8	4	78.06	

Special Requirements

Offset 2.8 arcsec, -0.3 arcsec

Observation

Proposal 1536, Observation 248: NIRCam Imaging Sub160 Module B Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Repeat of skipped observation 148

Diagnostics

(Visit 248:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	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: Coordinates from Gaia DR2

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

Template

Module	Subarray
B	SUB160

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
1	2	10.0	25.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	2	STANDARD		2

Proposal 1536 - Observation 248 - Absolute Flux Calibration (A Dwarfs)

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	F164N	CLEAR	F150W2	F460M	RAPID	7	3	12	4	26.811	
2	CLEAR	CLEAR	F187N	F480M	RAPID	5	5	20	4	33.539	
3	CLEAR	CLEAR	F070W	F356W	RAPID	3	1	4	4	4.479	
4	CLEAR	CLEAR	F090W	F277W	RAPID	3	1	4	4	4.479	
5	CLEAR	CLEAR	F115W	F444W	RAPID	3	1	4	4	4.479	
6	CLEAR	CLEAR	F150W	F250M	RAPID	4	1	4	4	5.593	
7	CLEAR	CLEAR	F200W	F300M	RAPID	4	1	4	4	5.593	
8	CLEAR	CLEAR	F140M	F335M	RAPID	4	1	4	4	5.593	
9	F162M	CLEAR	F150W2	F360M	RAPID	5	1	4	4	6.708	
10	CLEAR	CLEAR	F182M	F410M	RAPID	5	1	4	4	6.708	
11	CLEAR	CLEAR	F210M	F430M	RAPID	5	3	12	4	20.124	
12	CLEAR	F323N	F212N	F322W2	SHALLOW4	7	2	8	4	78.06	
13	CLEAR	F466N	F187N	F444W	SHALLOW4	7	2	8	4	78.06	
14	F164N	F470N	F150W2	F444W	SHALLOW4	7	2	8	4	78.06	
15	CLEAR	F405N	F212N	F444W	SHALLOW4	7	2	8	4	78.06	

Special Requirements

Offset 2.8 arcsec, 0.0 arcsec

Observation

Proposal 1536, Observation 5: NIRSpec FS

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(13)	J1802271	RA: 18 02 27.1688 (270.6132033d) Dec: +60 43 35.59 (60.72655d) Equinox: J2000	Proper Motion RA: 2.678 mas/yr Proper Motion Dec: -2.301 mas/yr Parallax: 0.000719" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	0

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	30	1	NONE	5	150	206.616	

Observation

Proposal 1536, Observation 10: NIRISS AMI Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRISS Aperture Masking Interferometry

Comments: This is a photometric calibration and does not need a phase comparison star observation.

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
(13)	J1802271	RA: 18 02 27.1688 (270.6132033d) Dec: +60 43 35.59 (60.72655d) Equinox: J2000	Proper Motion RA: 2.678 mas/yr Proper Motion Dec: -2.301 mas/yr Parallax: 0.000719" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A 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	NISRAPID	19	1	1	0.93	23135

Template

Subarray	Direct Image
SUB80	false

Dithers

#	Primary Dithers	Subpixel Positions
1	4	NONE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F277W	NISRAPID	60	1	4	4	18.489	
2	F380M	NISRAPID	200	2	4	8	121.471	
3	F430M	NISRAPID	200	3	4	12	182.207	
4	F480M	NISRAPID	200	3	4	12	182.207	

PSF References	PSF Reference: true
Special Requirements	No Parallel Attachments

Observation

Proposal 1536, Observation 71: NIRISS SOSS

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRISS Single-Object Slitless Spectroscopy

Diagnostics

(Visit 71:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(13)	J1802271	RA: 18 02 27.1688 (270.6132033d) Dec: +60 43 35.59 (60.72655d) Equinox: J2000	Proper Motion RA: 2.678 mas/yr Proper Motion Dec: -2.301 mas/yr Parallax: 0.000719" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A 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	SOSSFAINT	F480M	NISRAPID	19	1	1	0.93	51478

Template

Subarray	Include F277W Exposure?
SUBSTRIP256	true

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	NISRAPID	10	25	1	25	1511.362	
2	NISRAPID	10	9	1	9	544.09	

Special Requirements

Time Series Observation
No Parallel Attachments

Observation

Proposal 1536, Observation 17: MIRI Imaging Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(13)	J1802271	RA: 18 02 27.1688 (270.6132033d) Dec: +60 43 35.59 (60.72655d) Equinox: J2000	Proper Motion RA: 2.678 mas/yr Proper Motion Dec: -2.301 mas/yr Parallax: 0.000719" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	4-Point-Sets				1	1	POINT SOURCE	POSITIVE	DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	10	1	1	Dither 1	4	4	34.611	
2	F770W	FASTR1	20	1	1	Dither 1	4	4	69.222	
3	F1000W	FASTR1	16	2	1	Dither 1	4	8	114.217	
4	F1130W	FASTR1	16	2	1	Dither 1	4	8	114.217	
5	F1280W	FASTR1	16	2	1	Dither 1	4	8	114.217	
6	F1500W	FASTR1	16	2	1	Dither 1	4	8	114.217	
7	F1800W	FASTR1	30	6	1	Dither 1	4	24	640.307	

Observation

Proposal 1536, Observation 60: NIRCam Imaging Sub160 Module B Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Visit 60:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(13)	J1802271	RA: 18 02 27.1688 (270.6132033d) Dec: +60 43 35.59 (60.72655d) Equinox: J2000	Proper Motion RA: 2.678 mas/yr Proper Motion Dec: -2.301 mas/yr Parallax: 0.000719" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Module	Subarray	Target Placement
B	SUB160	Module Gap

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
1	2	10.0	25.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	2	STANDARD		2

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	F356W	RAPID	2	2	8	4	6.728	
2	F140M	F277W	RAPID	2	2	8	4	6.728	
3	F162M+F150W2	F444W	RAPID	2	2	8	4	6.728	
4	F182M	F250M	RAPID	2	2	8	4	6.728	
5	F200W	F460M	RAPID	2	2	8	4	6.728	

Special Requirements	Offset 2.8 arcsec, 0.0 arcsec

Observation

Proposal 1536, Observation 6: NIRSpec FS

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	J1757132	RA: 17 57 13.2333 (269.3051387d) Dec: +67 03 40.77 (67.06132d) Equinox: J2000	Proper Motion RA: 0.408 mas/yr Proper Motion Dec: -14.027 mas/yr Parallax: 0.001126" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	0

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	30	1	NONE	5	150	206.616	

Observation

Proposal 1536, Observation 72: NIRISS SOSS

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRISS Single-Object Slitless Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	J1757132	RA: 17 57 13.2333 (269.3051387d) Dec: +67 03 40.77 (67.06132d) Equinox: J2000	Proper Motion RA: 0.408 mas/yr Proper Motion Dec: -14.027 mas/yr Parallax: 0.001126" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A 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	SOSSFAINT	F480M	NISRAPID	15	1	1	0.748	51481

Template

Subarray	Include F277W Exposure?
SUBSTRIP256	true

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	NISRAPID	10	16	1	16	967.272	
2	NISRAPID	10	8	1	8	483.636	

Special Requirements

Time Series Observation
No Parallel Attachments

Observation

Proposal 1536, Observation 18: MIRI Imaging Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	J1757132	RA: 17 57 13.2333 (269.3051387d) Dec: +67 03 40.77 (67.06132d) Equinox: J2000	Proper Motion RA: 0.408 mas/yr Proper Motion Dec: -14.027 mas/yr Parallax: 0.001126" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	4-Point-Sets				1	1	POINT SOURCE	POSITIVE	DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	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	20	1	1	Dither 1	4	4	69.222	
4	F1130W	FASTR1	20	2	1	Dither 1	4	8	141.906	
5	F1280W	FASTR1	20	2	1	Dither 1	4	8	141.906	
6	F1500W	FASTR1	20	2	1	Dither 1	4	8	141.906	
7	F1800W	FASTR1	20	4	1	Dither 1	4	16	287.273	

Observation

Proposal 1536, Observation 61: NIRCam Imaging Sub160 Module B Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(Visit 61:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	J1757132	RA: 17 57 13.2333 (269.3051387d) Dec: +67 03 40.77 (67.06132d) Equinox: J2000	Proper Motion RA: 0.408 mas/yr Proper Motion Dec: -14.027 mas/yr Parallax: 0.001126" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Module	Subarray	Target Placement
B	SUB160	Module Gap

Mosaic

Rows	Columns	Row Overlap %	Column Overlap %	Row shift (deg)	Column shift (deg)	Tile Order
1	2	10.0	25.0	0.0	0.0	DEFAULT

Dithers

#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions
1	INTRAMODULEBOX	2	STANDARD		2

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	F356W	RAPID	2	2	8	4	6.728	
2	F140M	F277W	RAPID	2	2	8	4	6.728	
3	F162M+F150W2	F444W	RAPID	2	2	8	4	6.728	
4	F182M	F250M	RAPID	2	2	8	4	6.728	
5	F200W	F460M	RAPID	2	2	8	4	6.728	

Special Requirements	Offset 2.8 arcsec, 0.0 arcsec

Observation

Proposal 1536, Observation 78: NIRCam Imaging Sub64P Module B

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Diagnostics

(NIRCam Imaging Sub64P Module B (Obs 78)) Warning (Form): Pointing performance insufficient

(NIRCam Imaging Sub64P Module B (Obs 78)) Warning (Form): Pointing performance insufficient

(Visit 78:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	J1757132	RA: 17 57 13.2333 (269.3051387d) Dec: +67 03 40.77 (67.06132d) Equinox: J2000	Proper Motion RA: 0.408 mas/yr Proper Motion Dec: -14.027 mas/yr Parallax: 0.001126" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	NONE		STANDARD		4

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F070W	F356W	RAPID	4	2	8	4	2.027	
2	F140M	F277W	RAPID	4	2	8	4	2.027	

Observation

Proposal 1536, Observation 19: MIRI Imaging Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(8)	BD+60-1753	RA: 17 24 52.2772 (261.2178217d) Dec: +60 25 50.78 (60.43077d) Equinox: J2000	Proper Motion RA: 3.981 mas/yr Proper Motion Dec: 1.809 mas/yr Parallax: 0.001968" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	4-Point-Sets				1	1	POINT SOURCE	POSITIVE	DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	10	2	1	Dither 1	4	8	25.16	
2	F770W	FASTR1	14	1	1	Dither 1	4	4	16.773	
3	F1000W	FASTR1	24	1	1	Dither 1	4	4	28.754	
4	F1130W	FASTR1	30	1	1	Dither 1	4	4	35.942	
5	F1280W	FASTR1	24	1	1	Dither 1	4	4	28.754	
6	F1500W	FASTR1	24	1	1	Dither 1	4	4	28.754	
7	F1800W	FASTR1	24	1	1	Dither 1	4	4	28.754	
8	F2100W	FASTR1	18	4	1	Dither 1	4	16	89.856	

Observation

Proposal 1536, Observation 73: NIRISS SOSS

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRISS Single-Object Slitless Spectroscopy

Diagnostics

(Visit 73:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(8)	BD+60-1753	RA: 17 24 52.2772 (261.2178217d) Dec: +60 25 50.78 (60.43077d) Equinox: J2000	Proper Motion RA: 3.981 mas/yr Proper Motion Dec: 1.809 mas/yr Parallax: 0.001968" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A 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	SOSSFAINT	F480M	NISRAPID	9	1	1	0.475	51486

Template

Subarray	Include F277W Exposure?
SUBSTRIP256	true

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	NISRAPID	3	7	1	7	153.975	
2	NISRAPID	5	5	1	5	164.922	

Special Requirements

Time Series Observation
No Parallel Attachments

Observation

Proposal 1536, Observation 27: MIRI LRS - slit Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

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
(8)	BD+60-1753	RA: 17 24 52.2772 (261.2178217d) Dec: +60 25 50.78 (60.43077d) Equinox: J2000	Proper Motion RA: 3.981 mas/yr Proper Motion Dec: 1.809 mas/yr Parallax: 0.001968" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	4	1	1	11.1	91311.01

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	50	100	1	2	3046.994	23714.01

Observation

Proposal 1536, Observation 28: MIRI LRS - slitless

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

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
(8)	BD+60-1753	RA: 17 24 52.2772 (261.2178217d) Dec: +60 25 50.78 (60.43077d) Equinox: J2000	Proper Motion RA: 3.981 mas/yr Proper Motion Dec: 1.809 mas/yr Parallax: 0.001968" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	F560W	FAST	12	1	1	1.908	91311.09

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	12	1	1	1	1	1.908		F560W

Proposal 1536 - Observation 28 - 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	144	212	212	1	1	4888.731	23714.05

Special Requirements

Time Series Observation
No Parallel Attachments
No Parallel Attachments

Observation

Proposal 1536, Observation 20: MIRI Imaging

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(MIRI Imaging (Obs 20)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

(MIRI Imaging (Obs 20)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	HD2811	RA: 00 31 18.4899 (7.8270413d)	Proper Motion RA: -6.020 mas/yr	
		Dec: -43 36 23.00 (-43.60639d)	Proper Motion Dec: -4.176 mas/yr	
		Equinox: J2000	Parallax: 0.0036174"	
			Epoch of Position: 2015.5	

Comments: Coordinates from Gaia DR2

The star has spectral type A3V. Simbad photometry:

B 7.67 [0.01] D 2000A&A...355L..27H
V 7.50 [~] C 2002yCat.2237....0D
G 7.4844 [0.0004] C 2018yCat.1345....0G
J 7.144 [0.026] C 2003yCat.2246....0C
H 7.129 [0.024] C 2003yCat.2246....0C
K 7.057 [0.024] C 2003yCat.2246....0C

Other photometry: WISE W1 = 6.929, W2 = 7.020
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
SUB64

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	DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F770W	FASTR1	5	1	1	Dither 1	4	4	1.702	
2	F1000W	FASTR1	10	1	1	Dither 1	4	4	3.405	
3	F1130W	FASTR1	32	1	1	Dither 1	4	4	10.895	
4	F1280W	FASTR1	14	1	1	Dither 1	4	4	4.767	
5	F1500W	FASTR1	20	1	1	Dither 1	4	4	6.81	
6	F1800W	FASTR1	48	1	1	Dither 1	4	4	16.343	
7	F2100W	FASTR1	100	1	1	Dither 1	4	4	34.048	
8	F2550W	FASTR1	360	1	1	Dither 1	4	4	122.573	

Observation

Proposal 1536, Observation 74: NIRISS SOSS (predicted to be too bright for SUBSTRIP256)

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRISS Single-Object Slitless Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	HD2811	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.020 mas/yr Proper Motion Dec: -4.176 mas/yr Parallax: 0.0036174" Epoch of Position: 2015.5	

Comments: Coordinates from Gaia DR2

The star has spectral type A3V. Simbad photometry:

B 7.67 [0.01] D 2000A&A...355L..27H
V 7.50 [~] C 2002yCat.2237....0D
G 7.4844 [0.0004] C 2018yCat.1345....0G
J 7.144 [0.026] C 2003yCat.2246....0C
H 7.129 [0.024] C 2003yCat.2246....0C
K 7.057 [0.024] C 2003yCat.2246....0C

Other photometry: WISE W1 = 6.929, W2 = 7.020
Category=Star
Description=[A 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	SOSSBRIGHT	F480M	NISRAPID	11	1	1	0.566	51488

Template

Subarray	Include F277W Exposure?
SUBSTRIP256	false

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	NISRAPID	2	10	1	10	165.025	

Special Requirements	Time Series Observation No Parallel Attachments

Observation

Proposal 1536, Observation 22: MIRI MRS Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[MIRI MRS BKG (Obs 85)]

Diagnostics

(MIRI MRS (Obs 22)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(16)	HD2811-WBKG	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.020 mas/yr Proper Motion Dec: -4.176 mas/yr Parallax: 0.0036174" Epoch of Position: 2015.5	

Comments: Coordinates from Gaia DR2

The star has spectral type A3V. Simbad photometry:

B 7.67 [0.01] D 2000A&A...355L..27H
V 7.50 [~] C 2002yCat.2237....0D
G 7.4844 [0.0004] C 2018yCat.1345....0G
J 7.144 [0.026] C 2003yCat.2246....0C
H 7.129 [0.024] C 2003yCat.2246....0C
K 7.057 [0.024] C 2003yCat.2246....0C

Other photometry: WISE W1 = 6.929, W2 = 7.020
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	10	1	1	27.75	91311.14

Template

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

Dithers

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

Proposal 1536 - Observation 22 - Absolute Flux Calibration (A Dwarfs)

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	15	8	1	Dither 1	4	32	1409.72	
1	LONG(C)	MRSLONG		FASTR1	128	1	1	Dither 1	4	4	1420.82	
1	LONG(C)	MRSSHORT		FASTR1	64	2	1	Dither 1	4	8	1431.921	
2		IMAGER	F1000W	FASTR1	15	8	1	Dither 1	4	32	1409.72	
2	MEDIUM(B)	MRSLONG		FASTR1	128	1	1	Dither 1	4	4	1420.82	
2	MEDIUM(B)	MRSSHORT		FASTR1	64	2	1	Dither 1	4	8	1431.921	
3		IMAGER	F770W	FASTR1	15	8	1	Dither 1	4	32	1409.72	
3	SHORT(A)	MRSLONG		FASTR1	128	1	1	Dither 1	4	4	1420.82	
3	SHORT(A)	MRSSHORT		FASTR1	64	2	1	Dither 1	4	8	1431.921	

Special Requirements

Sequence Observations 22, 85, Non-interruptible

Observation

Proposal 1536, Observation 85: MIRI MRS BKG Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [MIRI MRS (Obs 22)]

Diagnostics

(MIRI MRS BKG (Obs 85)) Warning (Form): Imager Filter overlap.

(Visit 85:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(17)	HD2811-BKG	RA: 00 32 18.4899 (8.0770413d) Dec: -43 37 23.00 (-43.62306d) Equinox: J2000	Proper Motion RA: -6.020 mas/yr Proper Motion Dec: -4.176 mas/yr Parallax: 0.0036174" Epoch of Position: 2015.5	

Comments: Coordinates from Gaia DR2

The star has spectral type A3V. Simbad photometry:

B 7.67 [0.01] D 2000A&A...355L..27H
V 7.50 [~] C 2002yCat.2237....0D
G 7.4844 [0.0004] C 2018yCat.1345....0G
J 7.144 [0.026] C 2003yCat.2246....0C
H 7.129 [0.024] C 2003yCat.2246....0C
K 7.057 [0.024] C 2003yCat.2246....0C

Other photometry: WISE W1 = 6.929, W2 = 7.020
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

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

Dithers

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

Proposal 1536 - Observation 85 - Absolute Flux Calibration (A Dwarfs)

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	10	1	1	Dither 1	2	2	55.501	
1	LONG(C)	MRSLONG		FASTR1	10	1	1	Dither 1	2	2	55.501	
1	LONG(C)	MRSSHORT		FASTR1	10	1	1	Dither 1	2	2	55.501	
2		IMAGER	F1000W	FASTR1	10	1	1	Dither 1	2	2	55.501	
2	MEDIUM(B)	MRSLONG		FASTR1	10	1	1	Dither 1	2	2	55.501	
2	MEDIUM(B)	MRSSHORT		FASTR1	10	1	1	Dither 1	2	2	55.501	
3		IMAGER	F770W	FASTR1	10	1	1	Dither 1	2	2	55.501	
3	SHORT(A)	MRSLONG		FASTR1	10	1	1	Dither 1	2	2	55.501	
3	SHORT(A)	MRSSHORT		FASTR1	10	1	1	Dither 1	2	2	55.501	

Special Requirements

Sequence Observations 22, 85, Non-interruptible

Observation

Proposal 1536, Observation 29: MIRI LRS - slitless Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Diagnostics

(MIRI LRS - slitless (Obs 29)) Warning (Form): Groups/Int cannot be 1, Groups/Int = 2 requires permission and Groups/Int of 3-4 is allowed but not recommended.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	HD2811	RA: 00 31 18.4899 (7.8270413d) Dec: -43 36 23.00 (-43.60639d) Equinox: J2000	Proper Motion RA: -6.020 mas/yr Proper Motion Dec: -4.176 mas/yr Parallax: 0.0036174" Epoch of Position: 2015.5	

Comments: Coordinates from Gaia DR2

The star has spectral type A3V. Simbad photometry:

B 7.67 [0.01] D 2000A&A...355L..27H
V 7.50 [~] C 2002yCat.2237....0D
G 7.4844 [0.0004] C 2018yCat.1345....0G
J 7.144 [0.026] C 2003yCat.2246....0C
H 7.129 [0.024] C 2003yCat.2246....0C
K 7.057 [0.024] C 2003yCat.2246....0C

Other photometry: WISE W1 = 6.929, W2 = 7.020
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	4	1	1	0.636	91311.04

Template

Subarray	Obtain Verification Image?
SLITLESSPRISM	true

Dithers

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

Proposal 1536 - Observation 29 - Absolute Flux Calibration (A Dwarfs)

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		F1000W

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	12	38	76	2	1	156.813	23714.07

Special Requirements

Time Series Observation
No Parallel Attachments
No Parallel Attachments

Observation

Proposal 1536, Observation 40: MIRI 4QPM - F1065

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	HD2811	RA: 00 31 18.4899 (7.8270413d)	Proper Motion RA: -6.020 mas/yr	
		Dec: -43 36 23.00 (-43.60639d)	Proper Motion Dec: -4.176 mas/yr	
		Equinox: J2000	Parallax: 0.0036174"	
			Epoch of Position: 2015.5	

Comments: Coordinates from Gaia DR2

The star has spectral type A3V. Simbad photometry:

B 7.67 [0.01] D 2000A&A...355L..27H
V 7.50 [~] C 2002yCat.2237....0D
G 7.4844 [0.0004] C 2018yCat.1345....0G
J 7.144 [0.026] C 2003yCat.2246....0C
H 7.129 [0.024] C 2003yCat.2246....0C
K 7.057 [0.024] C 2003yCat.2246....0C

Other photometry: WISE W1 = 6.929, W2 = 7.020
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
MASK1065

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	F1065C	FASTR1	15	3	1	4	12	45.06	

Special Requirements	No Parallel Attachments

Observation

Proposal 1536, Observation 41: MIRI 4QPM - F1140

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	HD2811	RA: 00 31 18.4899 (7.8270413d)	Proper Motion RA: -6.020 mas/yr	
		Dec: -43 36 23.00 (-43.60639d)	Proper Motion Dec: -4.176 mas/yr	
		Equinox: J2000	Parallax: 0.0036174"	
			Epoch of Position: 2015.5	

Comments: Coordinates from Gaia DR2

The star has spectral type A3V. Simbad photometry:

B 7.67 [0.01] D 2000A&A...355L..27H
V 7.50 [~] C 2002yCat.2237....0D
G 7.4844 [0.0004] C 2018yCat.1345....0G
J 7.144 [0.026] C 2003yCat.2246....0C
H 7.129 [0.024] C 2003yCat.2246....0C
K 7.057 [0.024] C 2003yCat.2246....0C

Other photometry: WISE W1 = 6.929, W2 = 7.020
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
MASK1140

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	F1140C	FASTR1	15	3	1	4	12	45.06	

Special Requirements	No Parallel Attachments

Observation

Proposal 1536, Observation 42: MIRI 4QPM - F1550

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

Diagnostics

(Visit 42:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	HD2811	RA: 00 31 18.4899 (7.8270413d)	Proper Motion RA: -6.020 mas/yr	
		Dec: -43 36 23.00 (-43.60639d)	Proper Motion Dec: -4.176 mas/yr	
		Equinox: J2000	Parallax: 0.0036174"	
			Epoch of Position: 2015.5	

Comments: Coordinates from Gaia DR2

The star has spectral type A3V. Simbad photometry:

B 7.67 [0.01] D 2000A&A...355L..27H
V 7.50 [~] C 2002yCat.2237....0D
G 7.4844 [0.0004] C 2018yCat.1345....0G
J 7.144 [0.026] C 2003yCat.2246....0C
H 7.129 [0.024] C 2003yCat.2246....0C
K 7.057 [0.024] C 2003yCat.2246....0C

Other photometry: WISE W1 = 6.929, W2 = 7.020
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	15	3	1	4	12	45.06	

Special Requirements	No Parallel Attachments

Observation

Proposal 1536, Observation 43: MIRI Lyot - F2300

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(14)	HD2811	RA: 00 31 18.4899 (7.8270413d)	Proper Motion RA: -6.020 mas/yr	
		Dec: -43 36 23.00 (-43.60639d)	Proper Motion Dec: -4.176 mas/yr	
		Equinox: J2000	Parallax: 0.0036174"	
			Epoch of Position: 2015.5	

Comments: Coordinates from Gaia DR2

The star has spectral type A3V. Simbad photometry:

B 7.67 [0.01] D 2000A&A...355L..27H
V 7.50 [~] C 2002yCat.2237....0D
G 7.4844 [0.0004] C 2018yCat.1345....0G
J 7.144 [0.026] C 2003yCat.2246....0C
H 7.129 [0.024] C 2003yCat.2246....0C
K 7.057 [0.024] C 2003yCat.2246....0C

Other photometry: WISE W1 = 6.929, W2 = 7.020
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	15	3	1	4	12	60.912	

Special Requirements	No Parallel Attachments

Observation

Proposal 1536, Observation 21: MIRI Imaging Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(MIRI Imaging (Obs 21)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

(MIRI Imaging (Obs 21)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HD180609	RA: 19 12 47.1996 (288.1966650d) Dec: +64 10 37.18 (64.17699d) Equinox: J2000	Proper Motion RA: -3.059 mas/yr Proper Motion Dec: -7.790 mas/yr Parallax: 0.001832" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
SUB128

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	DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	12	2	1	Dither 1	4	8	11.904	
2	F770W	FASTR1	20	1	1	Dither 1	4	4	9.523	
3	F1000W	FASTR1	36	1	1	Dither 1	4	4	17.142	
4	F1130W	FASTR1	60	1	1	Dither 1	4	4	28.57	
5	F1280W	FASTR1	60	1	1	Dither 1	4	4	28.57	
6	F1500W	FASTR1	60	1	1	Dither 1	4	4	28.57	
7	F1800W	FASTR1	60	1	1	Dither 1	4	4	28.57	
8	F2100W	FASTR1	40	2	1	Dither 1	4	8	38.569	
9	F2550W	FASTR1	80	30	1	Dither 1	4	120	1156.593	

Observation

Proposal 1536, Observation 30: MIRI LRS - slit Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Diagnostics

(Visit 30:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HD180609	RA: 19 12 47.1996 (288.1966650d) Dec: +64 10 37.18 (64.17699d) Equinox: J2000	Proper Motion RA: -3.059 mas/yr Proper Motion Dec: -7.790 mas/yr Parallax: 0.001832" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	4	1	1	11.1	91311.02

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	6	126	252	1	2	4889.62	23714.02

Observation

Proposal 1536, Observation 31: MIRI LRS - slitless

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Diagnostics

(Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HD180609	RA: 19 12 47.1996 (288.1966650d) Dec: +64 10 37.18 (64.17699d) Equinox: J2000	Proper Motion RA: -3.059 mas/yr Proper Motion Dec: -7.790 mas/yr Parallax: 0.001832" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	F560W	FAST	10	1	1	1.59	91311.10

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	10	1	1	1	1	1.59		F560W

Proposal 1536 - Observation 31 - 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	90	140	140	1	1	2026.011	23714.06

Special Requirements

Time Series Observation
No Parallel Attachments
No Parallel Attachments

Observation

Proposal 1536, Observation 75: NIRISS SOSS

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: NIRISS Single-Object Slitless Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HD180609	RA: 19 12 47.1996 (288.1966650d) Dec: +64 10 37.18 (64.17699d) Equinox: J2000	Proper Motion RA: -3.059 mas/yr Proper Motion Dec: -7.790 mas/yr Parallax: 0.001832" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A 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	SOSSFAINT	F480M	NISRAPID	5	1	1	0.293	51491

Template

Subarray	Include F277W Exposure?
SUBSTRIP256	true

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	NISRAPID	3	6	1	6	131.979	23135
2	NISRAPID	3	7	1	7	153.975	

Special Requirements

Time Series Observation
No Parallel Attachments

Observation

Proposal 1536, Observation 121: MIRI Imaging Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Comments: repeat of failed observation 21

Diagnostics

(MIRI Imaging (Obs 121)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

(MIRI Imaging (Obs 121)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

(Visit 121:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HD180609	RA: 19 12 47.1996 (288.1966650d) Dec: +64 10 37.18 (64.17699d) Equinox: J2000	Proper Motion RA: -3.059 mas/yr Proper Motion Dec: -7.790 mas/yr Parallax: 0.001832" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
SUB128

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	DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1500W	FASTR1	60	1	1	Dither 1	4	4	28.57	
2	F1800W	FASTR1	60	1	1	Dither 1	4	4	28.57	
3	F2100W	FASTR1	40	2	1	Dither 1	4	8	38.569	
4	F2550W	FASTR1	80	30	1	Dither 1	4	120	1156.593	

Observation

Proposal 1536, Observation 130: MIRI LRS - slit Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Comments: Repeat of skipped observation 30

Diagnostics

(Visit 130:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HD180609	RA: 19 12 47.1996 (288.1966650d) Dec: +64 10 37.18 (64.17699d) Equinox: J2000	Proper Motion RA: -3.059 mas/yr Proper Motion Dec: -7.790 mas/yr Parallax: 0.001832" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	4	1	1	11.1	91311.02

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	6	126	252	1	2	4889.62	23714.02

Observation

Proposal 1536, Observation 25: MIRI Imaging Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(MIRI Imaging (Obs 25)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

(MIRI Imaging (Obs 25)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	DELUMI	RA: 17 32 12.9967 (263.0541529d) Dec: +86 35 11.26 (86.58646d) Equinox: J2000	Proper Motion RA: 10.17 mas/yr Proper Motion Dec: 53.97 mas/yr Parallax: 0.01895" Epoch of Position: 2000.0	

Comments: Coordinates from Hipparcos (van Leeuwen 2007)
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
SUB64

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	DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F2550W	FASTR1	48	1	1	Dither 1	4	4	16.343	
2	F2100W	FASTR1	10	1	1	Dither 1	4	4	3.405	
3	F1800W	FASTR1	10	1	1	Dither 1	4	4	3.405	
4	F1500W	FASTR1	7	1	1	Dither 1	4	4	2.383	
5	F1130W	FASTR1	8	1	1	Dither 1	4	4	2.724	
6	F1130W	FASTR1	25	1	1	Dither 1	4	4	8.512	

Observation

Proposal 1536, Observation 24: MIRI MRS Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[MIRI MRS BKG (Obs 86)]

Diagnostics

(MIRI MRS (Obs 24)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(18)	DELUMI-WBKG	RA: 17 32 12.9967 (263.0541529d) Dec: +86 35 11.26 (86.58646d) Equinox: J2000	Proper Motion RA: 10.17 mas/yr Proper Motion Dec: 53.97 mas/yr Parallax: 0.01895" Epoch of Position: 2000.0	

Comments: Coordinates from Hipparcos (van Leeuwen 2007)
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	4	1	1	11.1	91311.11

Template

Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
ALL	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	16	2	1	Dither 1	4	8	366.305	
1	SHORT(A)	MRSLONG		FASTR1	32	1	1	Dither 1	4	4	355.205	
1	SHORT(A)	MRSSHORT		FASTR1	8	4	1	Dither 1	4	16	388.506	
2		IMAGER	F1000W	FASTR1	16	2	1	Dither 1	4	8	366.305	
2	MEDIUM(B)	MRSLONG		FASTR1	32	1	1	Dither 1	4	4	355.205	
2	MEDIUM(B)	MRSSHORT		FASTR1	8	4	1	Dither 1	4	16	388.506	
3		IMAGER	F1280W	FASTR1	16	2	1	Dither 1	4	8	366.305	
3	LONG(C)	MRSLONG		FASTR1	32	1	1	Dither 1	4	4	355.205	
3	LONG(C)	MRSSHORT		FASTR1	8	4	1	Dither 1	4	16	388.506	

Special Requirements	Sequence Observations 24, 86, Non-interruptible

Observation

Proposal 1536, Observation 86: MIRI MRS BKG Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [MIRI MRS (Obs 24)]

Diagnostics

(MIRI MRS BKG (Obs 86)) Warning (Form): Imager Filter overlap.

(Visit 86:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(19)	DELUMI-BKG	RA: 17 33 12.9967 (263.3041529d) Dec: +86 36 11.26 (86.60313d) Equinox: J2000	Proper Motion RA: 10.17 mas/yr Proper Motion Dec: 53.97 mas/yr Parallax: 0.01895" Epoch of Position: 2000.0	

Comments: Coordinates from Hipparcos (van Leeuwen 2007)
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
FND	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	F770W	FASTR1	10	1	1	Dither 1	2	2	55.501	
1	SHORT(A)	MRSLONG		FASTR1	10	1	1	Dither 1	2	2	55.501	
1	SHORT(A)	MRSSHORT		FASTR1	10	1	1	Dither 1	2	2	55.501	
2		IMAGER	F1000W	FASTR1	10	1	1	Dither 1	2	2	55.501	
2	MEDIUM(B)	MRSLONG		FASTR1	10	1	1	Dither 1	2	2	55.501	
2	MEDIUM(B)	MRSSHORT		FASTR1	10	1	1	Dither 1	2	2	55.501	
3		IMAGER	F1280W	FASTR1	10	1	1	Dither 1	2	2	55.501	
3	LONG(C)	MRSLONG		FASTR1	10	1	1	Dither 1	2	2	55.501	
3	LONG(C)	MRSSHORT		FASTR1	10	1	1	Dither 1	2	2	55.501	

Special Requirements	Sequence Observations 24, 86, Non-interruptible

Observation

Proposal 1536, Observation 44: MIRI 4QPM - F1065

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	DELUMI	RA: 17 32 12.9967 (263.0541529d) Dec: +86 35 11.26 (86.58646d) Equinox: J2000	Proper Motion RA: 10.17 mas/yr Proper Motion Dec: 53.97 mas/yr Parallax: 0.01895" Epoch of Position: 2000.0	

Comments: Coordinates from Hipparcos (van Leeuwen 2007)
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
MASK1065

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	F1065C	FASTR1	8	2	1	4	8	16.298	

Observation

Proposal 1536, Observation 45: MIRI 4QPM - F1140

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

Diagnostics

(Visit 45:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	DELUMI	RA: 17 32 12.9967 (263.0541529d) Dec: +86 35 11.26 (86.58646d) Equinox: J2000	Proper Motion RA: 10.17 mas/yr Proper Motion Dec: 53.97 mas/yr Parallax: 0.01895" Epoch of Position: 2000.0	

Comments: Coordinates from Hipparcos (van Leeuwen 2007)
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
MASK1140

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	F1140C	FASTR1	8	2	1	4	8	16.298	

Observation

Proposal 1536, Observation 46: MIRI 4QPM - F1550

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	DELUMI	RA: 17 32 12.9967 (263.0541529d) Dec: +86 35 11.26 (86.58646d) Equinox: J2000	Proper Motion RA: 10.17 mas/yr Proper Motion Dec: 53.97 mas/yr Parallax: 0.01895" Epoch of Position: 2000.0	

Comments: Coordinates from Hipparcos (van Leeuwen 2007)
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	8	2	1	4	8	16.298	

Observation

Proposal 1536, Observation 47: MIRI 4QPM - F2300

Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	DELUMI	RA: 17 32 12.9967 (263.0541529d) Dec: +86 35 11.26 (86.58646d) Equinox: J2000	Proper Motion RA: 10.17 mas/yr Proper Motion Dec: 53.97 mas/yr Parallax: 0.01895" Epoch of Position: 2000.0	

Comments: Coordinates from Hipparcos (van Leeuwen 2007)
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	8	2	1	4	8	22.032	

Observation

Proposal 1536, Observation 26: MIRI Imaging Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(MIRI Imaging (Obs 26)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

(MIRI Imaging (Obs 26)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	HD163466	RA: 17 52 25.3757 (268.1057321d) Dec: +60 23 46.94 (60.39637d) Equinox: J2000	Proper Motion RA: -2.730 mas/yr Proper Motion Dec: 42.672 mas/yr Parallax: 0.005086" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A dwarfs]
Extended=NO

Template

Subarray
SUB64

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	DEFAULT

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	10	1	1	Dither 1	4	4	3.405	
2	F1130W	FASTR1	18	1	1	Dither 1	4	4	6.129	
3	F1280W	FASTR1	10	1	1	Dither 1	4	4	3.405	
4	F1500W	FASTR1	12	1	1	Dither 1	4	4	4.086	
5	F1800W	FASTR1	24	1	1	Dither 1	4	4	8.172	
6	F2100W	FASTR1	48	1	1	Dither 1	4	4	16.343	
7	F2550W	FASTR1	460	1	1	Dither 1	4	4	156.621	

Observation

Proposal 1536, Observation 23: MIRI MRS Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[MIRI MRS BKG (Obs 87)]

Diagnostics

(MIRI MRS (Obs 23)) Warning (Form): Imager Filter overlap.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(20)	HD163466-WBKG	RA: 17 52 25.3757 (268.1057321d) Dec: +60 23 46.94 (60.39637d) Equinox: J2000	Proper Motion RA: -2.730 mas/yr Proper Motion Dec: 42.672 mas/yr Parallax: 0.005086" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
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	10	1	1	27.75	91311.15

Template

Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
ALL	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	15	4	1	Dither 1	4	16	699.31	
1	SHORT(A)	MRSLONG		FASTR1	64	1	1	Dither 1	4	4	710.41	
1	SHORT(A)	MRSSHORT		FASTR1	32	2	1	Dither 1	4	8	721.51	
2		IMAGER	F1000W	FASTR1	15	4	1	Dither 1	4	16	699.31	
2	MEDIUM(B)	MRSLONG		FASTR1	64	1	1	Dither 1	4	4	710.41	
2	MEDIUM(B)	MRSSHORT		FASTR1	32	2	1	Dither 1	4	8	721.51	
3		IMAGER	F1280W	FASTR1	15	4	1	Dither 1	4	16	699.31	
3	LONG(C)	MRSLONG		FASTR1	64	1	1	Dither 1	4	4	710.41	
3	LONG(C)	MRSSHORT		FASTR1	32	2	1	Dither 1	4	8	721.51	

Special Requirements	Sequence Observations 23, 87, Non-interruptible

Observation

Proposal 1536, Observation 87: MIRI MRS BKG Wed Aug 23 21:01:49 GMT 2023

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [MIRI MRS (Obs 23)]

Diagnostics

(MIRI MRS BKG (Obs 87)) Warning (Form): Imager Filter overlap.

(Visit 87:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(21)	HD163466-BKG	RA: 17 53 25.3757 (268.3557321d) Dec: +60 24 46.94 (60.41304d) Equinox: J2000	Proper Motion RA: -2.730 mas/yr Proper Motion Dec: 42.672 mas/yr Parallax: 0.005086" Epoch of Position: 2000.0	

Comments: Coordinates from Gaia DR2
Category=Star
Description=[A dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

AcqFilter	Primary Channel	Simultaneous Imaging	Imager Subarray	Grating Wheel Direction
FND	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	F770W	FASTR1	10	1	1	Dither 1	2	2	55.501	
1	SHORT(A)	MRSLONG		FASTR1	10	1	1	Dither 1	2	2	55.501	
1	SHORT(A)	MRSSHORT		FASTR1	10	1	1	Dither 1	2	2	55.501	
2		IMAGER	F1000W	FASTR1	10	1	1	Dither 1	2	2	55.501	
2	MEDIUM(B)	MRSLONG		FASTR1	10	1	1	Dither 1	2	2	55.501	
2	MEDIUM(B)	MRSSHORT		FASTR1	10	1	1	Dither 1	2	2	55.501	
3		IMAGER	F1280W	FASTR1	10	1	1	Dither 1	2	2	55.501	
3	LONG(C)	MRSLONG		FASTR1	10	1	1	Dither 1	2	2	55.501	
3	LONG(C)	MRSSHORT		FASTR1	10	1	1	Dither 1	2	2	55.501	

Special Requirements	Sequence Observations 23, 87, Non-interruptible