



1538 - Absolute Flux Calibration (G Dwarfs)

Cycle: 1, Proposal Category: CAL/CROSS

INVESTIGATORS

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
GSPC P177D				
	4	NIRSpec FS - prism	NIRSpec Fixed Slit Spectroscopy	(1) P177D
	9	NIRISS WFSS GR150 C	NIRISS External Calibration	(1) P177D
	65	NIRISS WFSS GR150 R	NIRISS External Calibration	(1) P177D
	11	NIRISS WFSS GR150 C	NIRISS External Calibration	(1) P177D
	12	NIRISS SOSS	NIRISS External Calibration	(1) P177D
	13	NIRISS AMI	NIRISS Aperture Masking Interferometry	(1) P177D
	15	MIRI Imaging	MIRI Imaging	(1) P177D
	53	NIRCam Imaging Sub1 60 Module B	NIRCam Imaging	(1) P177D
	68	FGS Imaging w/ G1 off set	NIRCam Imaging	(1) P177D
	69	FGS Imaging w/ G2 off set	NIRCam Imaging	(1) P177D

JWST Proposal 1538 (Created: Tuesday, March 7, 2023 at 8:01:40 PM Eastern Standard Time) - Overview

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
GSPC P330E				
	7	NIRSpec FS - prism	NIRSpec Fixed Slit Spectroscopy	(2) P330E
	66	NIRISS SOSS	NIRISS Single-Object Slitless Spectroscopy	(2) P330E
	16	MIRI Imaging	MIRI Imaging	(2) P330E
	21	MIRI LRS - slit	MIRI Low Resolution Spectroscopy	(2) P330E
	48	NIRCam Coronagraphy MASKSWB (Workaround)	NIRCam Coronagraphic Imaging	(16) P330E-OFFSET
	49	NIRCam Coronagraphy MASK210R (Workaround)	NIRCam Coronagraphic Imaging	(16) P330E-OFFSET
	50	NIRCam Coronagraphy MASKLWB (Workaround)	NIRCam Coronagraphic Imaging	(16) P330E-OFFSET
	51	NIRCam Coronagraphy MASK335R (Workaround)	NIRCam Coronagraphic Imaging	(16) P330E-OFFSET
	52	NIRCam Coronagraphy MASK430R (Workaround)	NIRCam Coronagraphic Imaging	(16) P330E-OFFSET
	54	NIRCam Imaging Sub160 Module A	NIRCam Engineering Imaging	(2) P330E
	55	NIRCam Imaging Sub160 Module B	NIRCam Engineering Imaging	(2) P330E
	56	NIRCam Imaging Sub64P Module B	NIRCam Imaging	(2) P330E
	57	NIRCam Imaging Sub64P Module A	NIRCam Engineering Imaging	(2) P330E
	70	NIRCam Weak Lens Imaging Module A	NIRCam Engineering Imaging	(2) P330E
	71	NIRCam Weak Lens Imaging Module B	NIRCam Engineering Imaging	(2) P330E
	58	NIRCam WFSS Mod A SHORT	NIRCam Engineering Imaging	(2) P330E
	72	NIRCam WFSS Mod A LONG	NIRCam Engineering Imaging	(2) P330E

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	59	NIRCam WFSS Mod B SHORT	NIRCam Engineering Imaging	(2) P330E
	73	NIRCam WFSS Mod B LONG	NIRCam Engineering Imaging	(2) P330E
	60	NIRSpec FS - gratings	NIRSpec Fixed Slit Spectroscopy	(2) P330E
	61	NIRSpec FS - full frame	NIRSpec Fixed Slit Spectroscopy	(2) P330E
	62	NIRSpec IFU	NIRSpec IFU Spectroscopy	(2) P330E
	107	NIRSpec FS - prism	NIRSpec Fixed Slit Spectroscopy	(2) P330E
	154	NIRCam Imaging Sub160 Module A	NIRCam Engineering Imaging	(2) P330E
	155	NIRCam Imaging Sub160 Module B	NIRCam Engineering Imaging	(2) P330E
	160	NIRSpec FS - gratings	NIRSpec Fixed Slit Spectroscopy	(2) P330E
	161	NIRSpec FS - full frame	NIRSpec Fixed Slit Spectroscopy	(2) P330E
HD167060				
	67	NIRISS SOSS	NIRISS Single-Object Slitless Spectroscopy	(13) HD167060
	3	MIRI MRS	MIRI Medium Resolution Spectroscopy	(17) HD167060-WBKG
	74	MIRI MRS BKG	MIRI Medium Resolution Spectroscopy	(18) HD167060-BKG
	17	MIRI Imaging	MIRI Imaging	(13) HD167060
	24	MIRI LRS - slitless	MIRI Low Resolution Spectroscopy	(13) HD167060
	25	MIRI 4QPM - F1065	MIRI Coronagraphic Photometric Calibration	(13) HD167060
	26	MIRI 4QPM - F1140	MIRI Coronagraphic Photometric Calibration	(13) HD167060
	27	MIRI 4QPM - F1550	MIRI Coronagraphic Photometric Calibration	(13) HD167060
	28	MIRI Lyot - F2300	MIRI Coronagraphic Photometric Calibration	(13) HD167060
16 Cyg B				
	1	MIRI MRS	MIRI Medium Resolution Spectroscopy	(19) 16CYG-B-WBKG
	75	MIRI MRS BKG	MIRI Medium Resolution Spectroscopy	(20) 16CYG-B-BKG
	18	MIRI Imaging	MIRI Imaging	(12) 16CYG-B
HD 37962				
	2	MIRI MRS	MIRI Medium Resolution Spectroscopy	(21) HD37962-WBKG
	76	MIRI MRS BKG	MIRI Medium Resolution Spectroscopy	(22) HD37962-BKG
	19	MIRI Imaging	MIRI Imaging	(6) HD37962

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	22	MIRI LRS - slitless	MIRI Low Resolution Spectroscopy	(6) HD37962
HD 106252				
	20	MIRI Imaging	MIRI Imaging	(5) HD106252
	23	MIRI LRS - slitless	MIRI Low Resolution Spectroscopy	(5) HD106252
NGC 2506				
	32	NIRSpec FS	NIRSpec Fixed Slit Spectroscopy	(23) NGC2506G31
	33	NIRSpec IFU	NIRSpec IFU Spectroscopy	(23) NGC2506G31
	46	NIRCam Imaging FUL L	NIRCam Imaging	(24) NGC2506G31OFFSET

ABSTRACT

This program obtains observations of G 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 G dwarf stars and companion programs provide observations of white and A 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).

Proposal 1538 - Targets - Absolute Flux Calibration (G Dwarfs)

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P177D	RA: 15 59 13.5786 (239.8065775d) Dec: +47 36 41.91 (47.61164d) Equinox: J2000	Proper Motion RA: -7.905 mas/yr Proper Motion Dec: 1.569 mas/yr Parallax: 0.001501" Epoch of Position: 2000.0	
<i>Comments: Coordinates from Gaia DR2 Category=Star Description=[G dwarfs] Extended=NO</i>				
(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0	
<i>Comments: Coordinates from Gaia DR2 Category=Star Description=[G dwarfs] Extended=NO</i>				
(5)	HD106252	RA: 12 13 29.5100 (183.3729583d) Dec: +10 02 29.89 (10.04164d) Equinox: J2000	Proper Motion RA: 22.863 mas/yr Proper Motion Dec: -280.009 mas/yr Parallax: 0.026160" Epoch of Position: 2000.0	
<i>Comments: Coordinates from Gaia DR2 Category=Star Description=[G dwarfs] Extended=NO</i>				
(6)	HD37962	RA: 05 40 51.9659 (85.2165246d) Dec: -31 21 3.98 (-31.35111d) Equinox: J2000	Proper Motion RA: -59.648 mas/yr Proper Motion Dec: -365.227 mas/yr Parallax: 0.028584" Epoch of Position: 2000.0	
<i>Comments: Coordinates from Gaia DR2 Category=Star Description=[G dwarfs] Extended=NO</i>				
(12)	16CYG-B	RA: 19 41 51.9732 (295.4665550d) Dec: +50 31 3.09 (50.51752d) Equinox: J2000	Proper Motion RA: -134.791 mas/yr Proper Motion Dec: -162.493 mas/yr Parallax: 0.047275" Epoch of Position: 2000.0	
<i>Comments: Coordinates from Gaia DR2 Category=Calibration Description=[Photometric]</i>				
(13)	HD167060	RA: 18 17 44.1430 (274.4339292d) Dec: -61 42 31.62 (-61.70878d) Equinox: J2000	Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0	
<i>Comments: Coordinates from Gaia DR2 Category=Star Description=[G dwarfs] Extended=NO</i>				

Fixed Targets

Proposal 1538 - Targets - Absolute Flux Calibration (G Dwarfs)

(14)	NGC-2506-G2V-STAR	RA: 07 59 58.5995 (119.9941646d) Dec: -10 46 46.93 (-10.77970d) Equinox: J2000	Parallax: 0.000582"
<p><i>Comments: This is a star with listed best-fit temperature of 5770 K in GAIA DR2 about 35 arcseconds from the NGC 2506 position, so I take it as a G2V star. The extinction is 0.074 magnitudes in g according to GAIA DR2. The star has GAIA g = 16.87159. If the abundances are solar, this should correspond to roughly K = 15.5. However the NGC 2506 preliminary K magnitude estimate for G2V is 16.1 so there is a discrepancy here. The position is sufficiently close for planning purposes.</i></p> <p>Category=Star Description=[G dwarfs] Extended=NO</p>			
(15)	SNAP-2	RA: 16 19 46.1029 (244.9420954d) Dec: +55 34 17.86 (55.57163d) Equinox: J2000	Proper Motion RA: -2.911 mas/yr Proper Motion Dec: -10.952 mas/yr Parallax: 0.000549" Epoch of Position: 2000.0
<p><i>Comments: Coordinates from Gaia DR2</i></p> <p>Category=Star Description=[G dwarfs]</p>			
(16)	P330E-OFFSET	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0
<p><i>Comments: Coordinates from Gaia DR2</i></p> <p>Offset is 5" N of target Category=Star Description=[G dwarfs] Extended=NO</p>			
(17)	HD167060-WBKG	RA: 18 17 44.1430 (274.4339292d) Dec: -61 42 31.62 (-61.70878d) Equinox: J2000	Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0
<p><i>Comments: Coordinates from Gaia DR2</i></p> <p>Category=Star Description=[G dwarfs] Extended=NO</p>			
(18)	HD167060-BKG	RA: 18 18 44.1430 (274.6839292d) Dec: -61 43 31.62 (-61.72545d) Equinox: J2000	Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0
<p><i>Comments: Coordinates from Gaia DR2</i></p> <p>Category=Star Description=[G dwarfs] Extended=NO</p>			
(19)	16CYG-B-WBKG	RA: 19 41 51.9732 (295.4665550d) Dec: +50 31 3.09 (50.51752d) Equinox: J2000	Proper Motion RA: -134.791 mas/yr Proper Motion Dec: -162.493 mas/yr Parallax: 0.047275" Epoch of Position: 2000.0
<p><i>Comments: Coordinates from Gaia DR2</i></p> <p>Category=Calibration Description=[Photometric]</p>			

Proposal 1538 - Targets - Absolute Flux Calibration (G Dwarfs)

(20)	16CYG-B-BKG	RA: 19 42 51.9732 (295.7165550d) Dec: +50 32 3.09 (50.53419d) Equinox: J2000	Proper Motion RA: -134.791 mas/yr Proper Motion Dec: -162.493 mas/yr Parallax: 0.047275" Epoch of Position: 2000.0
<p><i>Comments: Coordinates from Gaia DR2</i> <i>Category=Calibration</i> <i>Description=[Photometric]</i></p>			
(21)	HD37962-WBKG	RA: 05 40 51.9659 (85.2165246d) Dec: -31 21 3.98 (-31.35111d) Equinox: J2000	Proper Motion RA: -59.648 mas/yr Proper Motion Dec: -365.227 mas/yr Parallax: 0.028584" Epoch of Position: 2000.0
<p><i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i></p>			
(22)	HD37962-BKG	RA: 05 41 51.9659 (85.4665246d) Dec: -31 22 3.98 (-31.36777d) Equinox: J2000	Proper Motion RA: -59.648 mas/yr Proper Motion Dec: -365.227 mas/yr Parallax: 0.028584" Epoch of Position: 2000.0
<p><i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i></p>			
(23)	NGC2506G31	RA: 08 00 14.2120 (120.0592167d) Dec: -10 47 29.46 (-10.79152d) Equinox: J2000	Proper Motion RA: -2.515 mas/yr Proper Motion Dec: 4.057 mas/yr Parallax: 0.0001" Epoch of Position: 2016
<p><i>Comments:</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i></p>			
(24)	NGC2506G31OFFSET	RA: 08 00 9.0606 (120.0377525d) Dec: -10 47 13.02 (-10.78695d) Equinox: J2000	
<p><i>Comments:</i> <i>Category=Stellar Cluster</i> <i>Description=[Open star clusters]</i></p>			

Proposal 1538 - Observation 4 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 4: NIRSpec FS - prism</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>										
Diagnostics	(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(1)	P177D	RA: 15 59 13.5786 (239.8065775d) Dec: +47 36 41.91 (47.61164d) Equinox: J2000			Proper Motion RA: -7.905 mas/yr Proper Motion Dec: 1.569 mas/yr Parallax: 0.001501" Epoch of Position: 2000.0					
	<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>										
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/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	S1600A1	NRSRAPID	6	35	1	NONE	5	175	280.63

Proposal 1538 - Observation 9 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 9: NIRISS WFSS GR150C Diagnostic Status: Warning Observing Template: NIRISS External Calibration											
	(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(1)	P177D	RA: 15 59 13.5786 (239.8065775d) Dec: +47 36 41.91 (47.61164d) Equinox: J2000			Proper Motion RA: -7.905 mas/yr Proper Motion Dec: 1.569 mas/yr Parallax: 0.001501" Epoch of Position: 2000.0						
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>												
Acquisition	#	Target										
	1	NONE										
Template	Pointing Type											
	PRIME											
Dithers	#	Pattern Type	Image Dithers	Primary Dithers	Subpixel Positions	Pattern Size						
	1	WFSS	4			SMALL						
Spectral Elements	#	Subarray	Aperture	Filter Wheel	Pupil Wheel	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wbkk.Calc ID
	1	WFSS64C		CLEAR	F090W	NISRAPID	5	1	4	4	37.474	
	2	WFSS64C		GR150C	F090W	NISRAPID	7	1	4	4	49.938	
	3	WFSS64C		GR150C	F115W	NISRAPID	4	1	4	4	31.242	
	4	WFSS64C		GR150C	F158M	NISRAPID	5	1	4	4	37.474	
	5	WFSS64C		GR150C	F140M	NISRAPID	5	1	4	4	37.474	
	6	WFSS64C		GR150C	F150W	NISRAPID	5	1	4	4	37.474	
	7	WFSS64C		GR150C	F200W	NISRAPID	5	1	4	4	37.474	
	8	WFSS64C		CLEAR	F200W	NISRAPID	4	1	4	4	31.242	

Proposal 1538 - Observation 65 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 65: NIRISS WFSS GR150R Diagnostic Status: Warning Observing Template: NIRISS External Calibration											
	(Visit 65:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(1)	P177D	RA: 15 59 13.5786 (239.8065775d) Dec: +47 36 41.91 (47.61164d) Equinox: J2000			Proper Motion RA: -7.905 mas/yr Proper Motion Dec: 1.569 mas/yr Parallax: 0.001501" Epoch of Position: 2000.0						
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>												
Acquisition	#	Target										
	1	NONE										
Template	Pointing Type											
	PRIME											
Dithers	#	Pattern Type	Image Dithers	Primary Dithers	Subpixel Positions	Pattern Size						
	1	WFSS	4			SMALL						
Spectral Elements	#	Subarray	Aperture	Filter Wheel	Pupil Wheel	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wbk.Calc ID
	1	WFSS128R		CLEAR	F090W	NISRAPID	5	1	4	4	16.305	
	2	WFSS128R		GR150R	F090W	NISRAPID	10	2	4	8	59.649	
	3	WFSS128R		GR150R	F115W	NISRAPID	5	1	4	4	16.305	
	4	WFSS128R		CLEAR	F115W	NISRAPID	4	1	4	4	13.601	
	5	WFSS128R		CLEAR	F158M	NISRAPID	4	1	4	4	13.601	
	6	WFSS128R		GR150R	F158M	NISRAPID	5	1	4	4	16.305	
	7	WFSS128R		GR150R	F140M	NISRAPID	4	1	4	4	13.601	
	8	WFSS128R		CLEAR	F140M	NISRAPID	4	1	4	4	13.601	
	9	WFSS128R		CLEAR	F150W	NISRAPID	4	1	4	4	13.601	
	10	WFSS128R		GR150R	F150W	NISRAPID	5	1	4	4	16.305	
	11	WFSS128R		GR150R	F200W	NISRAPID	10	1	4	4	29.825	
	12	WFSS128R		CLEAR	F200W	NISRAPID	5	1	4	4	16.305	

Proposal 1538 - Observation 11 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 11: NIRISS WFSS GR150C Diagnostic Status: Warning Observing Template: NIRISS External Calibration											
	(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(1)	P177D	RA: 15 59 13.5786 (239.8065775d) Dec: +47 36 41.91 (47.61164d) Equinox: J2000			Proper Motion RA: -7.905 mas/yr Proper Motion Dec: 1.569 mas/yr Parallax: 0.001501" Epoch of Position: 2000.0						
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>												
Acquisition	#	Target										
	1	NONE										
Template	Pointing Type											
	PRIME											
Dithers	#	Pattern Type	Image Dithers	Primary Dithers	Subpixel Positions	Pattern Size						
	1	WFSS	4			SMALL						
Spectral Elements	#	Subarray	Aperture	Filter Wheel	Pupil Wheel	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wbk. Calc ID
	1	WFSS64C		CLEAR	F090W	NISRAPID	5	1	4	4	37.474	
	2	WFSS64C		GR150C	F090W	NISRAPID	4	2	4	8	62.484	
	3	WFSS64C		GR150C	F115W	NISRAPID	4	1	4	4	31.242	
	4	WFSS64C		CLEAR	F115W	NISRAPID	4	1	4	4	31.242	
	5	WFSS64C		CLEAR	F158M	NISRAPID	4	1	4	4	31.242	
	6	WFSS64C		GR150C	F158M	NISRAPID	5	1	4	4	37.474	
	7	WFSS64C		GR150C	F140M	NISRAPID	5	1	4	4	37.474	
	8	WFSS64C		CLEAR	F140M	NISRAPID	5	1	4	4	37.474	
	9	WFSS64C		CLEAR	F150W	NISRAPID	5	1	4	4	37.474	
	10	WFSS64C		GR150C	F150W	NISRAPID	3	2	4	8	50.02	
	11	WFSS64C		GR150C	F200W	NISRAPID	5	1	4	4	37.474	
	12	WFSS64C		CLEAR	F200W	NISRAPID	4	1	4	4	31.242	

Proposal 1538 - Observation 12 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 12: NIRISS SOSS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS External Calibration</p>											
Diagnostics	(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(1)	P177D	RA: 15 59 13.5786 (239.8065775d) Dec: +47 36 41.91 (47.61164d) Equinox: J2000			Proper Motion RA: -7.905 mas/yr Proper Motion Dec: 1.569 mas/yr Parallax: 0.001501" Epoch of Position: 2000.0						
	<p><i>Comments: Coordinates from Gaia DR2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[G dwarfs]</i></p> <p><i>Extended=NO</i></p>											
Acquisition	#	Target	Acquisition Mode	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID		
	1	1 P177D	SOSSFAINT	F480M	NISRAPID	19	1	1	0.93	21682		
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	10	20	1	20	1209.09	
	2	SUBSTRIP256	DEFAULT APERTURE	F277W	GR700XD	NISRAPID	10	8	1	8	483.636	

Proposal 1538 - Observation 12 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

No Parallel Attachments

Proposal 1538 - Observation 13 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 13: NIRISS AMI</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Aperture Masking Interferometry</p>									
Diagnostics	(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous		
	(1)	P177D	RA: 15 59 13.5786 (239.8065775d) Dec: +47 36 41.91 (47.61164d) Equinox: J2000		Proper Motion RA: -7.905 mas/yr Proper Motion Dec: 1.569 mas/yr Parallax: 0.001501" Epoch of Position: 2000.0					
	<p><i>Comments: Coordinates from Gaia DR2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[G dwarfs]</i></p> <p><i>Extended=NO</i></p>									
Acquisition	#	Target	Acquisition Mode	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	1 P177D	AMIFAINTE	F480M	NISRAPID	19	1	1	0.93	21682
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	20	7	4	28	44.932		
	2	F380M	NISRAPID	100	7	4	28	213.918		
	3	F430M	NISRAPID	100	8	4	32	244.477		
	4	F480M	NISRAPID	100	8	4	32	244.477		

Proposal 1538 - Observation 13 - Absolute Flux Calibration (G Dwarfs)

PSF References	PSF Reference: true
Special Requirements	No Parallel Attachments

Proposal 1538 - Observation 15 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 15: MIRI Imaging Diagnostic Status: Warning Observing Template: MIRI Imaging</p>										
Diagnostics	(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(1)	P177D	RA: 15 59 13.5786 (239.8065775d) Dec: +47 36 41.91 (47.61164d) Equinox: J2000			Proper Motion RA: -7.905 mas/yr Proper Motion Dec: 1.569 mas/yr Parallax: 0.001501" Epoch of Position: 2000.0					
	<p><i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i></p>										
Template	<p>Subarray BRIGHTSKY</p>										
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	FAST	20	2	1	Dither 1	4	8	138.445	
	2	F770W	FASTR1	30	1	1	Dither 1	4	4	103.834	
	3	F1000W	FASTR1	30	1	1	Dither 1	4	4	103.834	
	4	F1130W	FASTR1	30	1	1	Dither 1	4	4	103.834	
	5	F1280W	FASTR1	30	1	1	Dither 1	4	4	103.834	
	6	F1500W	FASTR1	30	1	1	Dither 1	4	4	103.834	
	7	F1800W	FASTR1	30	6	1	Dither 1	4	24	640.307	

Proposal 1538 - Observation 53 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 53: NIRCam Imaging Sub160 Module B Diagnostic Status: Warning Observing Template: NIRCam Imaging <i>Comments: Part 2</i>									
	(Visit 53:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Miscellaneous			
	(1)	P177D	RA: 15 59 13.5786 (239.8065775d) Dec: +47 36 41.91 (47.61164d) Equinox: J2000		Proper Motion RA: -7.905 mas/yr Proper Motion Dec: 1.569 mas/yr Parallax: 0.001501" Epoch of Position: 2000.0					
<i>Comments: Coordinates from Gaia DR2</i>										
<i>Category=Star</i>										
<i>Description=[G dwarfs]</i>										
<i>Extended=NO</i>										
Template	Module		Subarray			Target Placement				
	B		SUB160			Module Gap				
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	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	3	2	8	4	8.957	
	2	F140M	F250M	RAPID	2	4	16	4	13.457	
	3	F162M+F150W2	F460M	RAPID	4	4	16	4	22.373	
	4	F182M	F410M	RAPID	4	2	8	4	11.187	
	5	F200W	F444W	RAPID	3	2	8	4	8.957	

Proposal 1538 - Observation 53 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Offset 2.8 arcsec, 0.0 arcsec

Proposal 1538 - Observation 68 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 68: FGS Imaging w/ G1 offset</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Imaging</p> <p><i>Comments: We want Guide Star N62G000709 in Guider 1.</i></p>									
Diagnostics	(Visit 68:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous		
	(1)	P177D	RA: 15 59 13.5786 (239.8065775d) Dec: +47 36 41.91 (47.61164d) Equinox: J2000		Proper Motion RA: -7.905 mas/yr Proper Motion Dec: 1.569 mas/yr Parallax: 0.001501" Epoch of Position: 2000.0					
	<i>Comments: Coordinates from Gaia DR2</i>									
	<i>Category=Star</i>									
	<i>Description=[G dwarfs]</i>									
	<i>Extended=NO</i>									
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	<p>Offset -201.0 arcsec, -205.0 arcsec</p> <p>Guide Star ID N60J000247 in Guider 1</p> <p>Guide Star Limits 11 - 14</p>									

Proposal 1538 - Observation 69 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 69: FGS Imaging w/ G2 offset</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Imaging</p> <p><i>Comments: We want Guide Star N62G000709 in Guider 2.</i></p>									
Diagnostics	(Visit 69:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous		
	(1)	P177D	RA: 15 59 13.5786 (239.8065775d) Dec: +47 36 41.91 (47.61164d) Equinox: J2000		Proper Motion RA: -7.905 mas/yr Proper Motion Dec: 1.569 mas/yr Parallax: 0.001501" Epoch of Position: 2000.0					
	<p><i>Comments: Coordinates from Gaia DR2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[G dwarfs]</i></p> <p><i>Extended=NO</i></p>									
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	<p>Offset -25.0 arcsec, -205.0 arcsec</p> <p>Guide Star ID N60J000247 in Guider 2</p> <p>Guide Star Limits 11. - 14.</p>									

Proposal 1538 - Observation 7 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 7: NIRSpec FS - prism Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0					
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>											
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/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	S1600A1	NRSRAPID	4	50	1	NONE	5	250	287.82

Proposal 1538 - Observation 66 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 66: NIRISS SOSS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Single-Object Slitless Spectroscopy</p>									
Diagnostics	(Visit 66:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous		
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000		Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0					
	<p><i>Comments: Coordinates from Gaia DR2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[G dwarfs]</i></p> <p><i>Extended=NO</i></p>									
Acquisition	#	Target	Acquisition Mode	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	2 P330E	SOSSFAINT	F480M	NISRAPID	19	1	1	0.93	23134
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	10	1	10	604.545	23134		
	2	NISRAPID	10	4	1	4	241.818			
Special Requirements	<p>Time Series Observation</p> <p>No Parallel Attachments</p>									

Proposal 1538 - Observation 16 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 16: MIRI Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: MIRI Imaging</p>										
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		
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0					
	<p><i>Comments: Coordinates from Gaia DR2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[G dwarfs]</i></p> <p><i>Extended=NO</i></p>										
Template	<p>Subarray</p> <p>BRIGHTSKY</p>										
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	14	2	1	Dither 1	4	8	100.372	
	2	F770W	FASTR1	20	1	1	Dither 1	4	4	69.222	
	3	F1000W	FASTR1	30	1	1	Dither 1	4	4	103.834	
	4	F1130W	FASTR1	30	1	1	Dither 1	4	4	103.834	
	5	F1280W	FASTR1	30	1	1	Dither 1	4	4	103.834	
	6	F1500W	FASTR1	30	1	1	Dither 1	4	4	103.834	
	7	F1800W	FASTR1	40	2	1	Dither 1	4	8	280.351	

Proposal 1538 - Observation 21 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 21: MIRI LRS - slit Diagnostic Status: Warning Observing Template: MIRI Low Resolution Spectroscopy								
	(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.								
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Miscellaneous		
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0					
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>									
Acquisition	#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	SAME	F560W	FAST	6	1	1	16.65	91311.03
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	52	22	44	1	2	6465.843	23714.03

Proposal 1538 - Observation 48 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 48: NIRCcam Coronagraphy MASKSWB (Workaround)</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Coronagraphic Imaging</p> <p>Comments: Part 1</p>									
	<p>(Visit 48:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Miscellaneous			
	(16)	P330E-OFFSET	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0						
<p>Comments: Coordinates from Gaia DR2</p> <p>Offset is 5" N of target</p> <p>Category=Star</p> <p>Description=[G dwarfs]</p> <p>Extended=NO</p>										
Acquisition	#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	2 P330E	F210M	FAINT	RAPID	9	1	1	1.825	45636
Template	Module		Coronagraphic Mask		Obtain Astrometric Confirmation Images?		Subarray		Dither Pattern	
	A		MASKSWB		false		SUB640ASWB		3-POINT-BAR	
Spectral Elements	#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	F182M	RAPID	6	1	3	3	87.964		
	2	F210M	RAPID	6	1	3	3	87.964		
	3	F187N	RAPID	9	1	3	3	125.637		
	4	F212N	RAPID	9	1	3	3	125.637		
	5	F200W	RAPID	6	1	3	3	87.964		
PSF References	<p>PSF Reference: true</p>									

Proposal 1538 - Observation 48 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

No Parallel Attachments

Proposal 1538 - Observation 49 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 49: NIRCcam Coronagraphy MASK210R (Workaround) Diagnostic Status: Warning Observing Template: NIRCcam Coronagraphic Imaging <i>Comments: Part 1</i>									
	(Visit 49:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous	
	(16)	P330E-OFFSET	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0				
<i>Comments: Coordinates from Gaia DR2</i> Offset is 5" N of target Category=Star Description=[G dwarfs] Extended=NO										
Acquisition	#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	2 P330E	F210M	FAINT	RAPID	9	1	1	1.825	45636
Template	Module		Coronagraphic Mask		Obtain Astrometric Confirmation Images?		Subarray		Dither Pattern	
	A		MASK210R		false		SUB640A210R		5-POINT-BOX	
Spectral Elements	#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	F182M	RAPID	6	1	5	5	146.607		
	2	F210M	RAPID	6	1	5	5	146.607		
	3	F187N	RAPID	9	1	5	5	209.394		
	4	F212N	RAPID	9	1	5	5	209.394		
	5	F200W	RAPID	6	1	5	5	146.607		
PSF References	PSF Reference: true									

Proposal 1538 - Observation 49 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

No Parallel Attachments

Proposal 1538 - Observation 50 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 50: NIRCcam Coronagraphy MASKLWB (Workaround) Diagnostic Status: Warning Observing Template: NIRCcam Coronagraphic Imaging <i>Comments: Part 1</i>									
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			
	(16)	P330E-OFFSET	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0						
	<i>Comments: Coordinates from Gaia DR2</i>									
	<i>Offset is 5" N of target</i>									
	<i>Category=Star</i>									
	<i>Description=[G dwarfs]</i>									
	<i>Extended=NO</i>									
Acquisition	#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	2 P330E	F335M	FAINT	RAPID	33	1	1	1.708	45636
Template	Module	Coronagraphic Mask			Obtain Astrometric Confirmation Images?	Subarray		Dither Pattern		
	A	MASKLWB			false	SUB320ALWB		3-POINT-BAR		
Spectral Elements	#	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	160.417		
	2	F300M	SHALLOW4	10	1	3	3	160.417		
	3	F335M	SHALLOW4	10	1	3	3	160.417		
	4	F360M	SHALLOW4	10	1	3	3	160.417		
	5	F410M	SHALLOW4	10	1	3	3	160.417		
	6	F430M	MEDIUM8	7	1	3	3	221.353		
	7	F460M	MEDIUM8	10	1	3	3	317.566		
	8	F480M	MEDIUM8	10	1	3	3	317.566		
	9	F277W	SHALLOW4	8	1	3	3	128.346		
	10	F356W	SHALLOW4	10	1	3	3	160.417		
	11	F444W	SHALLOW4	10	1	3	3	160.417		

Proposal 1538 - Observation 50 - Absolute Flux Calibration (G Dwarfs)

PSF References	PSF Reference: true
Special Requirements	No Parallel Attachments

Proposal 1538 - Observation 51 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 51: NIRCam Coronagraphy MASK335R (Workaround) Diagnostic Status: Warning Observing Template: NIRCam Coronagraphic Imaging <i>Comments: Part 1</i>									
	(Visit 51:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous	
	(16)	P330E-OFFSET	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0				
<i>Comments: Coordinates from Gaia DR2</i> <i>Offset is 5" N of target</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>										
Acquisition	#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	2 P330E	F335M	FAINT	RAPID	33	1	1	1.708	45636
Template	Module		Coronagraphic Mask		Obtain Astrometric Confirmation Images?		Subarray		Dither Pattern	
	A		MASK335R		false		SUB320A335R		5-POINT-BOX	
Spectral Elements	#	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	MEDIUM8	7	1	5	5	368.921		
	7	F460M	MEDIUM8	10	1	5	5	529.277		
	8	F480M	MEDIUM8	10	1	5	5	529.277		
	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			

Proposal 1538 - Observation 51 - Absolute Flux Calibration (G Dwarfs)

PSF References	PSF Reference: true
Special Requirements	No Parallel Attachments

Proposal 1538 - Observation 52 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 52: NIRCcam Coronagraphy MASK430R (Workaround) Diagnostic Status: Warning Observing Template: NIRCcam Coronagraphic Imaging <i>Comments: Part 1</i>																																																																																																																					
	(Visit 52:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																																																																					
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(16)</td> <td>P330E-OFFSET</td> <td>RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000</td> <td>Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0</td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(16)	P330E-OFFSET	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0		<i>Comments: Coordinates from Gaia DR2</i> <i>Offset is 5" N of target</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>																																																																																																										
	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																																																																																																																	
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Acquisition	<table border="1"> <thead> <tr> <th>#</th> <th>Target</th> <th>Filter</th> <th>Target Brightness</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2 P330E</td> <td>F335M</td> <td>FAINT</td> <td>RAPID</td> <td>33</td> <td>1</td> <td>1</td> <td>1.708</td> <td>45636</td> </tr> </tbody> </table>	#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	1	2 P330E	F335M	FAINT	RAPID	33	1	1	1.708	45636																																																																																																	
	#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID																																																																																																												
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Template	<table border="1"> <thead> <tr> <th>Module</th> <th>Coronagraphic Mask</th> <th>Obtain Astrometric Images?</th> <th>Subarray</th> <th>Dither Pattern</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>MASK430R</td> <td>false</td> <td>SUB320A430R</td> <td>5-POINT-BOX</td> </tr> </tbody> </table>	Module	Coronagraphic Mask	Obtain Astrometric Images?	Subarray	Dither Pattern	A	MASK430R	false	SUB320A430R	5-POINT-BOX																																																																																																											
	Module	Coronagraphic Mask	Obtain Astrometric Images?	Subarray	Dither Pattern																																																																																																																	
A	MASK430R	false	SUB320A430R	5-POINT-BOX																																																																																																																		
Spectral Elements	<table border="1"> <thead> <tr> <th>#</th> <th>Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr><td>1</td><td>F250M</td><td>SHALLOW4</td><td>10</td><td>1</td><td>5</td><td>5</td><td>267.362</td><td></td></tr> <tr><td>2</td><td>F300M</td><td>SHALLOW4</td><td>10</td><td>1</td><td>5</td><td>5</td><td>267.362</td><td></td></tr> <tr><td>3</td><td>F335M</td><td>SHALLOW4</td><td>10</td><td>1</td><td>5</td><td>5</td><td>267.362</td><td></td></tr> <tr><td>4</td><td>F360M</td><td>SHALLOW4</td><td>10</td><td>1</td><td>5</td><td>5</td><td>267.362</td><td></td></tr> <tr><td>5</td><td>F410M</td><td>SHALLOW4</td><td>10</td><td>1</td><td>5</td><td>5</td><td>267.362</td><td></td></tr> <tr><td>6</td><td>F430M</td><td>MEDIUM8</td><td>7</td><td>1</td><td>5</td><td>5</td><td>368.921</td><td></td></tr> <tr><td>7</td><td>F460M</td><td>MEDIUM8</td><td>10</td><td>1</td><td>5</td><td>5</td><td>529.277</td><td></td></tr> <tr><td>8</td><td>F480M</td><td>MEDIUM8</td><td>10</td><td>1</td><td>5</td><td>5</td><td>529.277</td><td></td></tr> <tr><td>9</td><td>F356W</td><td>SHALLOW4</td><td>10</td><td>1</td><td>5</td><td>5</td><td>267.362</td><td></td></tr> <tr><td>10</td><td>F444W</td><td>SHALLOW4</td><td>10</td><td>1</td><td>5</td><td>5</td><td>267.362</td><td></td></tr> <tr><td>11</td><td>F322W2</td><td>SHALLOW4</td><td>6</td><td>1</td><td>5</td><td>5</td><td>160.458</td><td></td></tr> </tbody> </table>	#	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	MEDIUM8	7	1	5	5	368.921		7	F460M	MEDIUM8	10	1	5	5	529.277		8	F480M	MEDIUM8	10	1	5	5	529.277		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										
	#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID																																																																																																													
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	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	MEDIUM8	7	1	5	5	368.921																																																																																																														
	7	F460M	MEDIUM8	10	1	5	5	529.277																																																																																																														
	8	F480M	MEDIUM8	10	1	5	5	529.277																																																																																																														
	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																																																																																																															

Proposal 1538 - Observation 52 - Absolute Flux Calibration (G Dwarfs)

PSF References	PSF Reference: true
Special Requirements	No Parallel Attachments

Proposal 1538 - Observation 54 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 54: NIRCcam Imaging Sub160 Module A Diagnostic Status: Warning Observing Template: NIRCcam Engineering Imaging <i>Comments: Part 1</i>																				
	(Visit 54:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																				
Diagnostics																					
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>P330E</td> <td>RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000</td> <td>Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0</td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0		<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																
(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0																		
Template	Module			Subarray																	
	A			SUB160																	
Mosaic	<table border="1"> <thead> <tr> <th>Rows</th> <th>Columns</th> <th>Row Overlap %</th> <th>Column Overlap %</th> <th>Row shift</th> <th>Column shift</th> <th>Tile Order</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>10.0</td> <td>25.0</td> <td>0.0</td> <td>0.0</td> <td>DEFAULT</td> </tr> </tbody> </table>	Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order	1	2	10.0	25.0	0.0	0.0	DEFAULT						
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order														
1	2	10.0	25.0	0.0	0.0	DEFAULT															
Dithers	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Dither Type</th> <th>Primary Dithers</th> <th>Subpixel Dither Type</th> <th>Dither Size</th> <th>Subpixel Positions</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>INTRAMODULEBOX</td> <td>2</td> <td>STANDARD</td> <td></td> <td>2</td> </tr> </tbody> </table>	#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions	1	INTRAMODULEBOX	2	STANDARD		2								
	#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions															
1	INTRAMODULEBOX	2	STANDARD		2																

Proposal 1538 - Observation 54 - Absolute Flux Calibration (G Dwarfs)

	#	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
Spectral Elements	1	CLEAR	F470N	F212N	F444W	RAPID	10	5	20	4	61.403	
	2	F164N	CLEAR	F150W2	F460M	RAPID	7	2	8	4	17.874	
	3	F162M	CLEAR	F150W2	F360M	RAPID	3	2	8	4	8.957	
	4	CLEAR	CLEAR	F187N	F480M	RAPID	7	2	8	4	17.874	
	5	CLEAR	CLEAR	F070W	F356W	RAPID	3	2	8	4	8.957	
	6	CLEAR	CLEAR	F090W	F277W	RAPID	3	2	8	4	8.957	
	7	CLEAR	CLEAR	F115W	F444W	RAPID	3	2	8	4	8.957	
	8	CLEAR	CLEAR	F150W	F250M	RAPID	3	2	8	4	8.957	
	9	CLEAR	CLEAR	F200W	F300M	RAPID	3	2	8	4	8.957	
	10	CLEAR	CLEAR	F140M	F335M	RAPID	3	2	8	4	8.957	
	11	CLEAR	CLEAR	F182M	F410M	RAPID	3	2	8	4	8.957	
	12	CLEAR	CLEAR	F210M	F430M	RAPID	5	2	8	4	13.416	
	13	CLEAR	F405N	F212N	F444W	RAPID	10	2	8	4	24.561	
	14	CLEAR	F466N	F187N	F444W	RAPID	10	5	20	4	61.403	
	15	F164N	F323N	F150W2	F322W2	RAPID	10	2	8	4	24.561	
Special Requirements	Offset 2.8 arcsec, -0.3 arcsec											

Proposal 1538 - Observation 55 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 55: NIRCcam Imaging Sub160 Module B Diagnostic Status: Warning Observing Template: NIRCcam Engineering Imaging <i>Comments: Part 1</i>																
	(Visit 55:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																
Diagnostics																	
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>P330E</td> <td>RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000</td> <td>Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0</td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0		<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>					
	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous												
(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0														
Template	Module			Subarray													
	B			SUB160													
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	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 1538 - Observation 55 - Absolute Flux Calibration (G Dwarfs)

	#	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
Spectral Elements	1	CLEAR	F470N	F212N	F444W	RAPID	10	5	20	4	61.403	
	2	F164N	CLEAR	F150W2	F460M	RAPID	7	2	8	4	17.874	
	3	F162M	CLEAR	F150W2	F360M	RAPID	3	2	8	4	8.957	
	4	CLEAR	CLEAR	F187N	F480M	RAPID	7	2	8	4	17.874	
	5	CLEAR	CLEAR	F070W	F356W	RAPID	3	2	8	4	8.957	
	6	CLEAR	CLEAR	F090W	F277W	RAPID	3	2	8	4	8.957	
	7	CLEAR	CLEAR	F115W	F444W	RAPID	3	2	8	4	8.957	
	8	CLEAR	CLEAR	F150W	F250M	RAPID	3	2	8	4	8.957	
	9	CLEAR	CLEAR	F200W	F300M	RAPID	3	2	8	4	8.957	
	10	CLEAR	CLEAR	F140M	F335M	RAPID	3	2	8	4	8.957	
	11	CLEAR	CLEAR	F182M	F410M	RAPID	3	2	8	4	8.957	
	12	CLEAR	CLEAR	F210M	F430M	RAPID	5	2	8	4	13.416	
	13	CLEAR	F405N	F212N	F444W	RAPID	10	2	8	4	24.561	
	14	CLEAR	F466N	F187N	F444W	RAPID	10	5	20	4	61.403	
	15	F164N	F323N	F150W2	F322W2	RAPID	10	2	8	4	24.561	
Special Requirements	Offset 2.8 arcsec, 0.0 arcsec											

Proposal 1538 - Observation 56 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 56: NIRCcam Imaging Sub64P Module B Diagnostic Status: Warning Observing Template: NIRCcam Imaging <i>Comments: Part 1</i>																																						
	(NIRCcam Imaging Sub64P Module B (Obs 56)) Warning (Form): Pointing performance insufficient (NIRCcam Imaging Sub64P Module B (Obs 56)) Warning (Form): Pointing performance insufficient (Visit 56:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																						
Diagnostics																																							
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>P330E</td> <td>RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000</td> <td>Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0</td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0		<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>																											
	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																																		
(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0																																				
Template	<table border="1"> <thead> <tr> <th>Module</th> <th>Subarray</th> <th>Target Placement</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>SUB64P</td> <td>Module Gap</td> </tr> </tbody> </table>		Module	Subarray	Target Placement	B	SUB64P	Module Gap																															
	Module	Subarray	Target Placement																																				
B	SUB64P	Module Gap																																					
Dithers	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Dither Type</th> <th>Primary Dithers</th> <th>Subpixel Dither Type</th> <th>Dither Size</th> <th>Subpixel Positions</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>NONE</td> <td></td> <td>STANDARD</td> <td></td> <td>4</td> </tr> </tbody> </table>									#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions	1	NONE		STANDARD		4																		
	#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions																																	
1	NONE		STANDARD		4																																		
Spectral Elements	<table border="1"> <thead> <tr> <th>#</th> <th>Short Filter</th> <th>Long Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Dithers</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>F150W2</td> <td>F322W2</td> <td>RAPID</td> <td>3</td> <td>2</td> <td>8</td> <td>4</td> <td>1.626</td> <td></td> </tr> <tr> <td>2</td> <td>F070W</td> <td>F356W</td> <td>RAPID</td> <td>3</td> <td>2</td> <td>8</td> <td>4</td> <td>1.626</td> <td></td> </tr> </tbody> </table>									#	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	3	2	8	4	1.626		2	F070W	F356W	RAPID	3	2	8	4	1.626	
	#	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	3	2	8	4	1.626																														
2	F070W	F356W	RAPID	3	2	8	4	1.626																															

Proposal 1538 - Observation 57 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 57: NIRCcam Imaging Sub64P Module A Diagnostic Status: Warning Observing Template: NIRCcam Engineering Imaging <i>Comments: Part 1</i>											
	(Visit 57:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0						
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>												
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	3	2	8	4	1.626	
	2	CLEAR	CLEAR	F070W	F356W	RAPID	3	2	8	4	1.626	

Proposal 1538 - Observation 70 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 70: NIRCcam Weak Lens Imaging Module A Diagnostic Status: Warning Observing Template: NIRCcam Engineering Imaging <i>Comments: Part 1</i>											
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			
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0						
	<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>											
Template	Module					Subarray						
	A					SUB320						
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	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	CLEAR	F470N	WLP4	F444W	RAPID	8	2	4	2	38.567	
	2	WLP8	F405N	F140M	F444W	RAPID	8	2	4	2	38.567	
	3	WLP8	F466N	F182M	F444W	RAPID	6	2	4	2	30.015	
	4	WLP8	F323N	F070W	F322W2	RAPID	9	2	4	2	42.844	
	5	WLP8	F405N	F187N	F444W	BRIGHT2	13	3	6	2	173.307	
	6	WLP8	F466N	F212N	F444W	BRIGHT2	13	3	6	2	173.307	
	7	WLP8	F323N	F210M	F322W2	RAPID	9	2	4	2	42.844	

Proposal 1538 - Observation 70 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Offset -0.3 arcsec, -7.5 arcsec

Proposal 1538 - Observation 71 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 71: NIRCam Weak Lens Imaging Module B Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging <i>Comments: Part 1</i>											
	(Visit 71:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0						
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>												
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	F470N	F150W	F444W	RAPID	5	2	4	2	39.832	
	2	WLP8	F405N	F140M	F444W	RAPID	6	2	4	2	46.457	
	3	WLP8	F466N	F182M	F444W	RAPID	5	2	4	2	39.832	
	4	WLP8	F323N	F200W	F322W2	RAPID	5	1	2	2	19.916	
	5	WLP8	F405N	F187N	F444W	BRIGHT2	12	2	4	2	165.706	
	6	WLP8	F466N	F212N	F444W	BRIGHT2	12	2	4	2	165.706	
	7	WLP8	F323N	F210M	F322W2	RAPID	6	2	4	2	46.457	

Proposal 1538 - Observation 58 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 58: NIRCam WFSS Mod A SHORT Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging <i>Comments: Part 1</i>											
	(Visit 58:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0						
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>												
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	4	1	2	2	85.894	
	3	CLEAR	GRISMR	F212N	F322W2	RAPID	4	1	2	2	85.894	
	4	CLEAR	GRISMR	F212N	F356W	RAPID	4	1	2	2	85.894	
	5	CLEAR	GRISMR	F212N	F250M	RAPID	4	1	2	2	85.894	
	6	CLEAR	GRISMR	F212N	F300M	RAPID	4	1	2	2	85.894	
	7	CLEAR	GRISMR	F212N	F335M	RAPID	4	1	2	2	85.894	
	8	CLEAR	GRISMR	F212N	F360M	RAPID	4	1	2	2	85.894	
	9	CLEAR	GRISMC	F212N	F277W	RAPID	4	1	2	2	85.894	
	10	CLEAR	GRISMC	F212N	F322W2	RAPID	4	1	2	2	85.894	
	11	CLEAR	GRISMC	F212N	F356W	RAPID	4	1	2	2	85.894	
	12	CLEAR	GRISMC	F212N	F250M	RAPID	4	1	2	2	85.894	
	13	CLEAR	GRISMC	F212N	F300M	RAPID	4	1	2	2	85.894	
	14	CLEAR	GRISMC	F212N	F335M	RAPID	4	1	2	2	85.894	
	15	CLEAR	GRISMC	F212N	F360M	RAPID	4	1	2	2	85.894	

Proposal 1538 - Observation 58 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Offset 45.0 arcsec, 50.0 arcsec

Proposal 1538 - Observation 72 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 72: NIRCam WFSS Mod A LONG Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging <i>Comments: Part 1</i>											
	(Visit 72:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0						
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>												
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	RAPID	7	1	2	2	150.315	
	3	CLEAR	GRISMR	F212N	F410M	RAPID	4	1	2	2	85.894	
	4	CLEAR	GRISMR	F212N	F430M	RAPID	4	1	2	2	85.894	
	5	CLEAR	GRISMR	F212N	F460M	RAPID	6	1	2	2	128.841	
	6	CLEAR	GRISMR	F212N	F480M	RAPID	7	1	2	2	150.315	
	7	CLEAR	GRISMC	F212N	F444W	RAPID	7	1	2	2	150.315	
	8	CLEAR	GRISMC	F212N	F410M	RAPID	4	1	2	2	85.894	
	9	CLEAR	GRISMC	F212N	F430M	RAPID	4	1	2	2	85.894	
	10	CLEAR	GRISMC	F212N	F460M	RAPID	6	1	2	2	128.841	
11	CLEAR	GRISMC	F212N	F480M	RAPID	7	1	2	2	150.315		

Proposal 1538 - Observation 72 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Offset -32.9 arcsec, -32.8 arcsec

Proposal 1538 - Observation 59 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 59: NIRCam WFSS Mod B SHORT Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging <i>Comments: Part 1</i>																																																																																																																																																																																																											
	(Visit 59:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																																																																																																																																																																											
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>P330E</td> <td>RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000</td> <td>Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0</td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0		<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>																																																																																																																																																																																																
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	#	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																																																																																																																																																																																																
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15	CLEAR	GRISMC	F212N	F360M	RAPID	4	1	2	2	85.894																																																																																																																																																																																																		

Proposal 1538 - Observation 59 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Offset -37.7 arcsec, 51.3 arcsec

Proposal 1538 - Observation 73 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 73: NIRCam WFSS Mod B LONG Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging <i>Comments: Part 1</i>											
	(Visit 73:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0						
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>												
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	RAPID	7	1	2	2	150.315	
	3	CLEAR	GRISMR	F212N	F410M	RAPID	4	1	2	2	85.894	
	4	CLEAR	GRISMR	F212N	F430M	RAPID	4	1	2	2	85.894	
	5	CLEAR	GRISMR	F212N	F460M	RAPID	6	1	2	2	128.841	
	6	CLEAR	GRISMR	F212N	F480M	RAPID	7	1	2	2	150.315	
	7	CLEAR	GRISMC	F212N	F444W	RAPID	7	1	2	2	150.315	
	8	CLEAR	GRISMC	F212N	F410M	RAPID	4	1	2	2	85.894	
	9	CLEAR	GRISMC	F212N	F430M	RAPID	4	1	2	2	85.894	
	10	CLEAR	GRISMC	F212N	F460M	RAPID	6	1	2	2	128.841	
11	CLEAR	GRISMC	F212N	F480M	RAPID	7	1	2	2	150.315		

Proposal 1538 - Observation 73 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Offset 32.1 arcsec, -32.8 arcsec

Proposal 1538 - Observation 60 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 60: NIRSpec FS - gratings Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 60:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0					
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>											
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/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G140M/F070LP	S1600A1	NRSRAPID	30	4	1	NONE	5	20	559.65
	2	G140M/F100LP	S1600A1	NRSRAPID	15	1	2	NONE	5	5	72.262
	3	G235M/F170LP	S1600A1	NRSRAPID	27	1	3	NONE	5	5	126.382
	4	G395M/F290LP	S1600A1	NRSRAPID	90	1	4	NONE	5	5	410.512
	5	G140H/F070LP	S1600A1	NRSRAPID	43	1	5	NONE	5	5	198.542
	6	G140H/F100LP	S1600A1	NRSRAPID	42	1	6	NONE	5	5	194.032
	7	G235H/F170LP	S1600A1	NRSRAPID	75	1	7	NONE	5	5	342.862
	8	G395H/F290LP	S1600A1	NRSRAPID	260	1	8	NONE	5	5	1177.212

Proposal 1538 - Observation 61 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 61: NIRSspec FS - full frame</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSspec Fixed Slit Spectroscopy</p>										
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		
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0					
	<p><i>Comments: Coordinates from Gaia DR2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[G dwarfs]</i></p> <p><i>Extended=NO</i></p>										
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					FULL					
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G140H/F100LP	S1600A1	NRSIRS2RAPID	3	1	NONE	5	5	291.778	
	2	G235H/F170LP	S1600A1	NRSIRS2RAPID	5	1	NONE	5	5	437.667	
	3	G395H/F290LP	S1600A1	NRSIRS2RAPID	14	1	NONE	5	5	1094.167	

Proposal 1538 - Observation 62 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 62: NIRSpect IFU Diagnostic Status: Warning Observing Template: NIRSpect IFU Spectroscopy</p>											
Diagnostics	(Visit 62:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0						
	<p><i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i></p>											
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	3	1	false	true	NONE	4	4	233.422	
	2	G235M/F170LP	NRSIRS2RAPID	4	1	false	true	NONE	4	4	291.778	
	3	G395M/F290LP	NRSIRS2RAPID	11	1	false	true	NONE	4	4	700.267	
	4	G140H/F100LP	NRSIRS2RAPID	7	1	false	true	NONE	4	4	466.844	
	5	G235H/F170LP	NRSIRS2RAPID	9	1	false	true	NONE	4	4	583.556	
	6	G395H/F290LP	NRSIRS2RAPID	32	1	false	true	NONE	4	4	1925.733	

Proposal 1538 - Observation 62 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Before Date 01-SEP-2022:00:00:00

Proposal 1538 - Observation 107 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 107: NIRSpec FS - prism Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 107:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0					
Comments: Coordinates from Gaia DR2 Category=Star Description=[G 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/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	S1600A1	NRSRAPID	4	50	1	NONE	5	250	287.82

Proposal 1538 - Observation 154 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 154: NIRCcam Imaging Sub160 Module A</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Engineering Imaging</p> <p><i>Comments: Part 1</i></p>						
Diagnostics	(Visit 154:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.						
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections		Miscellaneous	
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0			
	<p><i>Comments: Coordinates from Gaia DR2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[G dwarfs]</i></p> <p><i>Extended=NO</i></p>						
Template	Module			Subarray			
	A			SUB160			
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	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 1538 - Observation 154 - Absolute Flux Calibration (G Dwarfs)

	#	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
Spectral Elements	1	CLEAR	F470N	F212N	F444W	RAPID	10	5	20	4	61.403	
	2	F164N	CLEAR	F150W2	F460M	RAPID	7	2	8	4	17.874	
	3	F162M	CLEAR	F150W2	F360M	RAPID	3	2	8	4	8.957	
	4	CLEAR	CLEAR	F187N	F480M	RAPID	7	2	8	4	17.874	
	5	CLEAR	CLEAR	F070W	F356W	RAPID	3	2	8	4	8.957	
	6	CLEAR	CLEAR	F090W	F277W	RAPID	3	2	8	4	8.957	
	7	CLEAR	CLEAR	F115W	F444W	RAPID	3	2	8	4	8.957	
	8	CLEAR	CLEAR	F150W	F250M	RAPID	3	2	8	4	8.957	
	9	CLEAR	CLEAR	F200W	F300M	RAPID	3	2	8	4	8.957	
	10	CLEAR	CLEAR	F140M	F335M	RAPID	3	2	8	4	8.957	
	11	CLEAR	CLEAR	F182M	F410M	RAPID	3	2	8	4	8.957	
	12	CLEAR	CLEAR	F210M	F430M	RAPID	5	2	8	4	13.416	
	13	CLEAR	F405N	F212N	F444W	RAPID	10	2	8	4	24.561	
	14	CLEAR	F466N	F187N	F444W	RAPID	10	5	20	4	61.403	
	15	F164N	F323N	F150W2	F322W2	RAPID	10	2	8	4	24.561	
Special Requirements	Offset 2.8 arcsec, -0.3 arcsec											

Proposal 1538 - Observation 155 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 155: NIRCcam Imaging Sub160 Module B Diagnostic Status: Warning Observing Template: NIRCcam Engineering Imaging <i>Comments: Part 1</i>																				
	(Visit 155:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																				
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(2)</td> <td>P330E</td> <td>RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000</td> <td>Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0</td> <td></td> </tr> </tbody> </table>	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0		<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>									
	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																
(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0																		
<table border="1"> <thead> <tr> <th>Module</th> <th>Subarray</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>SUB160</td> </tr> </tbody> </table>	Module	Subarray	B	SUB160																	
Module	Subarray																				
B	SUB160																				
Mosaic	<table border="1"> <thead> <tr> <th>Rows</th> <th>Columns</th> <th>Row Overlap %</th> <th>Column Overlap %</th> <th>Row shift</th> <th>Column shift</th> <th>Tile Order</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2</td> <td>10.0</td> <td>25.0</td> <td>0.0</td> <td>0.0</td> <td>DEFAULT</td> </tr> </tbody> </table>	Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order	1	2	10.0	25.0	0.0	0.0	DEFAULT						
	Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order														
1	2	10.0	25.0	0.0	0.0	DEFAULT															
Dithers	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Dither Type</th> <th>Primary Dithers</th> <th>Subpixel Dither Type</th> <th>Dither Size</th> <th>Subpixel Positions</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>INTRAMODULEBOX</td> <td>2</td> <td>STANDARD</td> <td></td> <td>2</td> </tr> </tbody> </table>	#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions	1	INTRAMODULEBOX	2	STANDARD		2								
	#	Primary Dither Type	Primary Dithers	Subpixel Dither Type	Dither Size	Subpixel Positions															
1	INTRAMODULEBOX	2	STANDARD		2																

Proposal 1538 - Observation 155 - Absolute Flux Calibration (G Dwarfs)

	#	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
Spectral Elements	1	CLEAR	F470N	F212N	F444W	RAPID	10	5	20	4	61.403	
	2	F164N	CLEAR	F150W2	F460M	RAPID	7	2	8	4	17.874	
	3	F162M	CLEAR	F150W2	F360M	RAPID	3	2	8	4	8.957	
	4	CLEAR	CLEAR	F187N	F480M	RAPID	7	2	8	4	17.874	
	5	CLEAR	CLEAR	F070W	F356W	RAPID	3	2	8	4	8.957	
	6	CLEAR	CLEAR	F090W	F277W	RAPID	3	2	8	4	8.957	
	7	CLEAR	CLEAR	F115W	F444W	RAPID	3	2	8	4	8.957	
	8	CLEAR	CLEAR	F150W	F250M	RAPID	3	2	8	4	8.957	
	9	CLEAR	CLEAR	F200W	F300M	RAPID	3	2	8	4	8.957	
	10	CLEAR	CLEAR	F140M	F335M	RAPID	3	2	8	4	8.957	
	11	CLEAR	CLEAR	F182M	F410M	RAPID	3	2	8	4	8.957	
	12	CLEAR	CLEAR	F210M	F430M	RAPID	5	2	8	4	13.416	
	13	CLEAR	F405N	F212N	F444W	RAPID	10	2	8	4	24.561	
	14	CLEAR	F466N	F187N	F444W	RAPID	10	5	20	4	61.403	
	15	F164N	F323N	F150W2	F322W2	RAPID	10	2	8	4	24.561	
Special Requirements	Offset 2.8 arcsec, 0.0 arcsec											

Proposal 1538 - Observation 160 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 160: NIRSpec FS - gratings Diagnostic Status: Warning Observing Template: NIRSpec Fixed Slit Spectroscopy										
	(Visit 160:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0					
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>											
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/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G140M/F070LP	S1600A1	NRSRAPID	30	4	1	NONE	5	20	559.65
	2	G140M/F100LP	S1600A1	NRSRAPID	15	1	2	NONE	5	5	72.262
	3	G235M/F170LP	S1600A1	NRSRAPID	27	1	3	NONE	5	5	126.382
	4	G395M/F290LP	S1600A1	NRSRAPID	90	1	4	NONE	5	5	410.512
	5	G140H/F070LP	S1600A1	NRSRAPID	43	1	5	NONE	5	5	198.542
	6	G140H/F100LP	S1600A1	NRSRAPID	42	1	6	NONE	5	5	194.032
	7	G235H/F170LP	S1600A1	NRSRAPID	75	1	7	NONE	5	5	342.862
	8	G395H/F290LP	S1600A1	NRSRAPID	260	1	8	NONE	5	5	1177.212

Proposal 1538 - Observation 161 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 161: NIRSpec FS - full frame</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>										
Diagnostics	(Visit 161:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(2)	P330E	RA: 16 31 33.8125 (247.8908854d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000			Proper Motion RA: -8.991 mas/yr Proper Motion Dec: -38.768 mas/yr Parallax: 0.002177" Epoch of Position: 2000.0					
	<p><i>Comments: Coordinates from Gaia DR2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[G dwarfs]</i></p> <p><i>Extended=NO</i></p>										
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					FULL					
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G140H/F100LP	S1600A1	NRSIRS2RAPID	3	1	NONE	5	5	291.778	
	2	G235H/F170LP	S1600A1	NRSIRS2RAPID	5	1	NONE	5	5	437.667	
	3	G395H/F290LP	S1600A1	NRSIRS2RAPID	14	1	NONE	5	5	1094.167	

Proposal 1538 - Observation 67 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 67: NIRISS SOSS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Single-Object Slitless Spectroscopy</p>									
Diagnostics	(Visit 67:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous		
	(13)	HD167060	RA: 18 17 44.1430 (274.4339292d) Dec: -61 42 31.62 (-61.70878d) Equinox: J2000		Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0					
	<p><i>Comments: Coordinates from Gaia DR2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[G dwarfs]</i></p> <p><i>Extended=NO</i></p>									
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	51508
Template	Subarray					Include F277W Exposure?				
	SUBSTRIP96					true				
Spectral Elements	#	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID		
	1	NISRAPID	3	3	1	3	26.629			
	2	NISRAPID	3	3	1	3	26.629			
Special Requirements	<p>Time Series Observation</p> <p>No Parallel Attachments</p> <p>On Hold May be too bright - must be checked before this can be scheduled.</p>									

Proposal 1538 - Observation 3 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 3: MIRI MRS Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[MIRI MRS BKG (Obs 74)]												
	(MIRI MRS (Obs 3)) Warning (Form): Imager Filter overlap. (Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous				
	(17)	HD167060-WBKG	RA: 18 17 44.1430 (274.4339292d) Dec: -61 42 31.62 (-61.70878d) Equinox: J2000			Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0							
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>													
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	91311.16				
Template	Primary Channel				Simultaneous Imaging				Imager Subarray				
	ALL				YES				FULL				
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	2	1	Dither 1	4	8	344.105	
	1	SHORT(A)	MRSLONG		FASTR1	180	1	1	Dither 1	4	4	1998.029	
	1	SHORT(A)	MRSSHORT		FASTR1	90	2	1	Dither 1	4	8	2009.129	
	2		IMAGER	F1000W	FASTR1	15	2	1	Dither 1	4	8	344.105	
	2	MEDIUM(B)	MRSLONG		FASTR1	180	1	1	Dither 1	4	4	1998.029	
	2	MEDIUM(B)	MRSSHORT		FASTR1	90	2	1	Dither 1	4	8	2009.129	
	3		IMAGER	F1280W	FASTR1	15	2	1	Dither 1	4	8	344.105	
	3	LONG(C)	MRSLONG		FASTR1	180	1	1	Dither 1	4	4	1998.029	
	3	LONG(C)	MRSSHORT		FASTR1	90	2	1	Dither 1	4	8	2009.129	

Proposal 1538 - Observation 3 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Sequence Observations 3, 74, Non-interruptible

Proposal 1538 - Observation 74 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 74: MIRI MRS BKG Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [MIRI MRS (Obs 3)]												
	(MIRI MRS BKG (Obs 74)) Warning (Form): Imager Filter overlap. (Visit 74:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous				
	(18)	HD167060-BKG	RA: 18 18 44.1430 (274.6839292d) Dec: -61 43 31.62 (-61.72545d) Equinox: J2000			Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0							
Comments: Coordinates from Gaia DR2 Category=Star Description=[G dwarfs] Extended=NO													
Acquisition	#	Target											
	1	NONE											
Template	AcqFilter	Primary Channel			Simultaneous Imaging			Imager Subarray					
	FND	ALL			YES			FULL					
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	

Proposal 1538 - Observation 74 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Sequence Observations 3, 74, Non-interruptible

Proposal 1538 - Observation 17 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	Proposal 1538, Observation 17: MIRI Imaging Diagnostic Status: Warning Observing Template: MIRI Imaging										
	(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)	HD167060	RA: 18 17 44.1430 (274.4339292d) Dec: -61 42 31.62 (-61.70878d) Equinox: J2000			Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0					
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>											
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	7	1	1	Dither 1	4	4	2.383	
	2	F1000W	FASTR1	12	1	1	Dither 1	4	4	4.086	
	3	F1130W	FASTR1	40	1	1	Dither 1	4	4	13.619	
	4	F1280W	FASTR1	18	1	1	Dither 1	4	4	6.129	
	5	F1500W	FASTR1	25	1	1	Dither 1	4	4	8.512	
	6	F1800W	FASTR1	68	1	1	Dither 1	4	4	23.153	
	7	F2100W	FASTR1	150	1	1	Dither 1	4	4	51.072	
	8	F2550W	FASTR1	600	1	1	Dither 1	4	4	204.288	

Proposal 1538 - Observation 24 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:40 GMT 2023

Observation	<p>Proposal 1538, Observation 24: MIRI LRS - slitless</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: MIRI Low Resolution Spectroscopy</p>									
Diagnostics	(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Miscellaneous			
	(13)	HD167060	RA: 18 17 44.1430 (274.4339292d) Dec: -61 42 31.62 (-61.70878d) Equinox: J2000	Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0						
	<p><i>Comments: Coordinates from Gaia DR2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[G dwarfs]</i></p> <p><i>Extended=NO</i></p>									
Acquisition	#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	SAME	F1000W	FAST	6	1	1	0.954	91311.08	
Template	Subarray				Obtain Verification Image?					
	SLITLESSPRISM				true					
Dithers	#	Dither Type	No. Spectral Steps	Spectral Step Offset	No. Spatial Steps	Spatial Step Offset				
	1	NONE								
Pointing Verification	#	PV Readout Pattern	PV Groups/Int	PV Integrations/Exp	PV Total Integrations	PV Exposures/Dith	PV Total Dithers	PV Total Exposure Time	PV ETC Wkbk.Calc ID	Filter
	1	FASTR1	6	1	1	1	1	0.954		F1000W

Proposal 1538 - Observation 24 - Absolute Flux Calibration (G Dwarfs)

Spectral Elements	#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	Special Requirements	1	FASTR1	18	72	72	1	1	217.408
	Time Series Observation No Parallel Attachments No Parallel Attachments								

Proposal 1538 - Observation 25 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:41 GMT 2023

Observation	<p>Proposal 1538, Observation 25: MIRI 4QPM - F1065</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: MIRI Coronagraphic Photometric Calibration</p>									
Diagnostics	(Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous	
	(13)	HD167060	RA: 18 17 44.1430 (274.4339292d) Dec: -61 42 31.62 (-61.70878d) Equinox: J2000			Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0				
	<p><i>Comments: Coordinates from Gaia DR2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[G dwarfs]</i></p> <p><i>Extended=NO</i></p>									
Template	<p>Subarray</p> <p>MASK1065</p>									
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	20	3	1	4	12	59.441	
Special Requirements	No Parallel Attachments									

Proposal 1538 - Observation 26 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:41 GMT 2023

Observation	<p>Proposal 1538, Observation 26: MIRI 4QPM - F1140</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: MIRI Coronagraphic Photometric Calibration</p>									
Diagnostics	(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous	
	(13)	HD167060	RA: 18 17 44.1430 (274.4339292d) Dec: -61 42 31.62 (-61.70878d) Equinox: J2000			Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0				
	<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>									
Template	<p>Subarray</p> <p>MASK1140</p>									
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	20	3	1	4	12	59.441	
Special Requirements	No Parallel Attachments									

Proposal 1538 - Observation 27 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:41 GMT 2023

Observation	<p>Proposal 1538, Observation 27: MIRI 4QPM - F1550</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: MIRI Coronagraphic Photometric Calibration</p>									
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	
	(13)	HD167060	RA: 18 17 44.1430 (274.4339292d) Dec: -61 42 31.62 (-61.70878d) Equinox: J2000			Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0				
	<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>									
Template	<p>Subarray</p> <p>MASK1550</p>									
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	20	3	1	4	12	59.441	
Special Requirements	No Parallel Attachments									

Proposal 1538 - Observation 28 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:41 GMT 2023

Observation	<p>Proposal 1538, Observation 28: MIRI Lyot - F2300</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: MIRI Coronagraphic Photometric Calibration</p>									
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	
	(13)	HD167060	RA: 18 17 44.1430 (274.4339292d) Dec: -61 42 31.62 (-61.70878d) Equinox: J2000			Proper Motion RA: 88.52 mas/yr Proper Motion Dec: -144.15 mas/yr Parallax: 0.013618" Epoch of Position: 2000.0				
	<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>									
Template	<p>Subarray</p> <p>MASKLYOT</p>									
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	20	3	1	4	12	80.352	
Special Requirements	No Parallel Attachments									

Proposal 1538 - Observation 1 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:41 GMT 2023

Observation	Proposal 1538, Observation 1: MIRI MRS Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[MIRI MRS BKG (Obs 75)]												
	(MIRI MRS (Obs 1)) Warning (Form): Imager Filter overlap. (Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous				
	(19)	16CYG-B-WBKG	RA: 19 41 51.9732 (295.4665550d) Dec: +50 31 3.09 (50.51752d) Equinox: J2000			Proper Motion RA: -134.791 mas/yr Proper Motion Dec: -162.493 mas/yr Parallax: 0.047275" Epoch of Position: 2000.0							
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Calibration</i> <i>Description=/Photometric]</i>													
Acquisition	#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID				
	1	SAME	FND	FAST	6	1	1	16.65	91311.17				
Template	Primary Channel				Simultaneous Imaging				Imager Subarray				
	ALL				YES				FULL				
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	20	2	1	Dither 1	4	8	455.107	
	1	SHORT(A)	MRSLONG		FASTR1	40	1	1	Dither 1	4	4	444.006	
	1	SHORT(A)	MRSSHORT		FASTR1	10	4	1	Dither 1	4	16	477.307	
	2		IMAGER	F1000W	FASTR1	20	2	1	Dither 1	4	8	455.107	
	2	MEDIUM(B)	MRSLONG		FASTR1	40	1	1	Dither 1	4	4	444.006	
	2	MEDIUM(B)	MRSSHORT		FASTR1	10	4	1	Dither 1	4	16	477.307	
	3		IMAGER	F1280W	FASTR1	20	2	1	Dither 1	4	8	455.107	
	3	LONG(C)	MRSLONG		FASTR1	40	1	1	Dither 1	4	4	444.006	
	3	LONG(C)	MRSSHORT		FASTR1	10	4	1	Dither 1	4	16	477.307	

Proposal 1538 - Observation 1 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Sequence Observations 1, 75, Non-interruptible

Proposal 1538 - Observation 75 - Absolute Flux Calibration (G Dwarfs)

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Observation	Proposal 1538, Observation 75: MIRI MRS BKG Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [MIRI MRS (Obs 1)]												
	(MIRI MRS BKG (Obs 75)) Warning (Form): Imager Filter overlap. (Visit 75:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous			
	(20)	16CYG-B-BKG	RA: 19 42 51.9732 (295.716550d) Dec: +50 32 3.09 (50.53419d) Equinox: J2000				Proper Motion RA: -134.791 mas/yr Proper Motion Dec: -162.493 mas/yr Parallax: 0.047275" Epoch of Position: 2000.0						
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Calibration</i> <i>Description=[Photometric]</i>													
Acquisition	#	Target											
	1	NONE											
Template	AcqFilter	Primary Channel				Simultaneous Imaging			Imager Subarray				
	FND	ALL				YES			FULL				
Dithers	#	Dither Type				Optimized For			Direction				
	1	2-Point				POINT SOURCE			NEGATIVE				
Spectral Elements	#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/E xp	Exposures/Dit h	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	

Proposal 1538 - Observation 75 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Sequence Observations 1, 75, Non-interruptible

Proposal 1538 - Observation 18 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:41 GMT 2023

Observation	<p>Proposal 1538, Observation 18: MIRI Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: MIRI Imaging</p>										
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		
	(12)	16CYG-B	RA: 19 41 51.9732 (295.4665550d) Dec: +50 31 3.09 (50.51752d) Equinox: J2000			Proper Motion RA: -134.791 mas/yr Proper Motion Dec: -162.493 mas/yr Parallax: 0.047275" Epoch of Position: 2000.0					
	<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Calibration</i> <i>Description=[Photometric]</i>										
Template	<p>Subarray</p> <p>SUB64</p>										
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	F1130W	FASTR1	10	1	1	Dither 1	4	4	3.405	
	2	F1280W	FASTR1	6	1	1	Dither 1	4	4	2.043	
	3	F1500W	FASTR1	8	1	1	Dither 1	4	4	2.724	
	4	F1800W	FASTR1	10	1	1	Dither 1	4	4	3.405	
	5	F2100W	FASTR1	10	1	1	Dither 1	4	4	3.405	
	6	F2550W	FASTR1	30	1	1	Dither 1	4	4	10.214	

Proposal 1538 - Observation 2 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:41 GMT 2023

Observation	Proposal 1538, Observation 2: MIRI MRS Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy Background Observations:[MIRI MRS BKG (Obs 76)]												
	(MIRI MRS (Obs 2)) Warning (Form): Imager Filter overlap. (Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous				
	(21)	HD37962-WBKG	RA: 05 40 51.9659 (85.2165246d) Dec: -31 21 3.98 (-31.35111d) Equinox: J2000			Proper Motion RA: -59.648 mas/yr Proper Motion Dec: -365.227 mas/yr Parallax: 0.028584" Epoch of Position: 2000.0							
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>													
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	91311.21				
Template	Primary Channel				Simultaneous Imaging				Imager Subarray				
	ALL				YES				FULL				
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	

Proposal 1538 - Observation 2 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Sequence Observations 2, 76, Non-interruptible

Proposal 1538 - Observation 76 - Absolute Flux Calibration (G Dwarfs)

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Observation	Proposal 1538, Observation 76: MIRI MRS BKG Diagnostic Status: Warning Observing Template: MIRI Medium Resolution Spectroscopy Background Observation For: [MIRI MRS (Obs 2)]												
	(MIRI MRS BKG (Obs 76)) Warning (Form): Imager Filter overlap. (Visit 76:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous				
	(22)	HD37962-BKG	RA: 05 41 51.9659 (85.4665246d) Dec: -31 22 3.98 (-31.36777d) Equinox: J2000			Proper Motion RA: -59.648 mas/yr Proper Motion Dec: -365.227 mas/yr Parallax: 0.028584" Epoch of Position: 2000.0							
Comments: Coordinates from Gaia DR2 Category=Star Description=[G dwarfs] Extended=NO													
Acquisition	#	Target											
	1	NONE											
Template	AcqFilter	Primary Channel			Simultaneous Imaging			Imager Subarray					
	FND	ALL			YES			FULL					
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	

Proposal 1538 - Observation 76 - Absolute Flux Calibration (G Dwarfs)

Special Requirements

Sequence Observations 2, 76, Non-interruptible

Proposal 1538 - Observation 19 - Absolute Flux Calibration (G Dwarfs)

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Observation	Proposal 1538, Observation 19: MIRI Imaging Diagnostic Status: Warning Observing Template: MIRI Imaging										
	(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(6)	HD37962	RA: 05 40 51.9659 (85.2165246d) Dec: -31 21 3.98 (-31.35111d) Equinox: J2000			Proper Motion RA: -59.648 mas/yr Proper Motion Dec: -365.227 mas/yr Parallax: 0.028584" Epoch of Position: 2000.0					
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>											
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	8	1	1	Dither 1	4	4	2.724	
	2	F1130W	FASTR1	16	1	1	Dither 1	4	4	5.448	
	3	F1280W	FASTR1	10	1	1	Dither 1	4	4	3.405	
	4	F1500W	FASTR1	10	1	1	Dither 1	4	4	3.405	
	5	F1800W	FASTR1	22	1	1	Dither 1	4	4	7.491	
	6	F2100W	FASTR1	40	1	1	Dither 1	4	4	13.619	
	7	F2550W	FASTR1	160	1	1	Dither 1	4	4	54.477	

Proposal 1538 - Observation 22 - Absolute Flux Calibration (G Dwarfs)

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Observation	<p>Proposal 1538, Observation 22: MIRI LRS - slitless Diagnostic Status: Warning Observing Template: MIRI Low Resolution Spectroscopy</p>									
Diagnostics	<p>(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>									
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections			Miscellaneous			
(6)	HD37962	RA: 05 40 51.9659 (85.2165246d) Dec: -31 21 3.98 (-31.35111d) Equinox: J2000	Proper Motion RA: -59.648 mas/yr Proper Motion Dec: -365.227 mas/yr Parallax: 0.028584" Epoch of Position: 2000.0							
<p><i>Comments: Coordinates from Gaia DR2 Category=Star Description=[G dwarfs] Extended=NO</i></p>										
Acquisition	#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
1	SAME	F1000W	FAST	6	1	1	0.954	91311.06		
Template	Subarray				Obtain Verification Image?					
SLITLESSPRISM				true						
Dithers	#	Dither Type	No. Spectral Steps	Spectral Step Offset	No. Spatial Steps	Spatial Step Offset				
1	NONE									
Pointing Verification	#	PV Readout Pattern	PV Groups/Int	PV Integrations/Exp	PV Total Integrations	PV Exposures/Dith	PV Total Dithers	PV Total Exposure Time	PV ETC Wkbk.Calc ID	Filter
1	FASTR1	6	1	1	1	1	0.954		F1000W	

Proposal 1538 - Observation 22 - Absolute Flux Calibration (G Dwarfs)

Spectral Elements	#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	Special Requirements	1	FASTR1	6	120	120	1	1	133.435
Time Series Observation No Parallel Attachments No Parallel Attachments									

Proposal 1538 - Observation 20 - Absolute Flux Calibration (G Dwarfs)

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Observation	Proposal 1538, Observation 20: MIRI Imaging Diagnostic Status: Warning Observing Template: MIRI Imaging										
	(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(5)	HD106252	RA: 12 13 29.5100 (183.3729583d) Dec: +10 02 29.89 (10.04164d) Equinox: J2000			Proper Motion RA: 22.863 mas/yr Proper Motion Dec: -280.009 mas/yr Parallax: 0.026160" Epoch of Position: 2000.0					
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>											
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	6	1	1	Dither 1	4	4	2.043	
	2	F1130W	FASTR1	12	1	1	Dither 1	4	4	4.086	
	3	F1280W	FASTR1	8	1	1	Dither 1	4	4	2.724	
	4	F1500W	FASTR1	10	1	1	Dither 1	4	4	3.405	
	5	F1800W	FASTR1	16	1	1	Dither 1	4	4	5.448	
	6	F2100W	FASTR1	28	1	1	Dither 1	4	4	9.533	
	7	F2550W	FASTR1	80	1	1	Dither 1	4	4	27.238	

Proposal 1538 - Observation 23 - Absolute Flux Calibration (G Dwarfs)

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Observation	Proposal 1538, Observation 23: MIRI LRS - slitless Diagnostic Status: Warning Observing Template: MIRI Low Resolution Spectroscopy									
	(MIRI LRS - slitless (Obs 23)) Warning (Form): Groups/Int cannot be 1, Groups/Int = 2 requires permission and Groups/Int of 3-4 is allowed but not recommended. (Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Miscellaneous			
	(5)	HD106252	RA: 12 13 29.5100 (183.3729583d) Dec: +10 02 29.89 (10.04164d) Equinox: J2000		Proper Motion RA: 22.863 mas/yr Proper Motion Dec: -280.009 mas/yr Parallax: 0.026160" Epoch of Position: 2000.0					
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i>										
Acquisition	#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	SAME	F1500W	FAST	4	1	1	0.636	91311.24	
Template	Subarray				Obtain Verification Image?					
	SLITLESSPRISM				true					
Dithers	#	Dither Type	No. Spectral Steps	Spectral Step Offset	No. Spatial Steps	Spatial Step Offset				
	1	NONE								
Pointing Verification	#	PV Readout Pattern	PV Groups/Int	PV Integrations/Exp	PV Total Integrations	PV Exposures/Dith	PV Total Dithers	PV Total Exposure Time	PV ETC Wkbk.Calc ID	Filter
	1	FASTR1	4	1	1	1	1	0.636		F1500W

Proposal 1538 - Observation 23 - Absolute Flux Calibration (G Dwarfs)

Spectral Elements	#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	Special Requirements	1	FASTR1	5	120	120	1	1	114.35
	Time Series Observation No Parallel Attachments No Parallel Attachments								

Proposal 1538 - Observation 32 - Absolute Flux Calibration (G Dwarfs)

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Observation	<p>Proposal 1538, Observation 32: NIRSpec FS</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec Fixed Slit Spectroscopy</p>										
	<p>(Visit 32:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(23)	NGC2506G31	RA: 08 00 14.2120 (120.0592167d) Dec: -10 47 29.46 (-10.79152d) Equinox: J2000			Proper Motion RA: -2.515 mas/yr Proper Motion Dec: 4.057 mas/yr Parallax: 0.0001" Epoch of Position: 2016					
<p><i>Comments:</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i></p>											
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	F140X	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/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	S1600A1	NRSRAPID	340	18	1	NONE	5	90	6942.694

Proposal 1538 - Observation 33 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:41 GMT 2023

Observation	<p>Proposal 1538, Observation 33: NIRSpec IFU</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	<p>(Visit 33:1) Warning (Form): Data Excess over lower threshold</p> <p>(Visit 33:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(23)	NGC2506G31	RA: 08 00 14.2120 (120.0592167d) Dec: -10 47 29.46 (-10.79152d) Equinox: J2000			Proper Motion RA: -2.515 mas/yr Proper Motion Dec: 4.057 mas/yr Parallax: 0.0001" Epoch of Position: 2016						
	<p><i>Comments:</i> <i>Category=Star</i> <i>Description=[G dwarfs]</i> <i>Extended=NO</i></p>											
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	F140X	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	PRISM/CLEAR	NRSIRS2RAPID	12	20	false	true	NONE	4	80	15172.446	

Proposal 1538 - Observation 46 - Absolute Flux Calibration (G Dwarfs)

Wed Mar 08 01:01:41 GMT 2023

Observation	Proposal 1538, Observation 46: NIRCam Imaging FULL Diagnostic Status: Warning Observing Template: NIRCam Imaging									
	(Visit 46:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 46:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections		Miscellaneous			
	(24)	NGC2506G31OFFSET	RA: 08 00 9.0606 (120.0377525d) Dec: -10 47 13.02 (-10.78695d) Equinox: J2000							
Comments: Category=Stellar Cluster Description=[Open star clusters]										
Template	Module		Subarray			Target Placement				
	ALL		FULL			Module Gap				
Mosaic	Rows	Columns	Row Overlap %	Column Overlap %	Row shift	Column shift	Tile Order			
	2	2	50.0	80.0	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 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	4	2	107.368	
	2	F090W	F277W	RAPID	2	2	4	2	107.368	
	3	F115W	F444W	RAPID	2	2	4	2	107.368	
	4	F150W	F250M	RAPID	2	2	4	2	107.368	
	5	F200W	F460M	RAPID	2	2	4	2	107.368	
Special Requirements	Group Visits within 53.0 Days Visits Same PA									