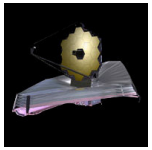

4498 - Absolute Flux Calibration (Solar Analogs)

Cycle: 2, Proposal Category: CAL/CROSS

INVESTIGATORS

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OBSERVATIONS

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
P330-E				
	1	MIRI imaging	MIRI Imaging	(1) P330-E
	2	MIRI LRS slit	MIRI Low Resolution Spectroscopy	(1) P330-E
	3	MIRI 4QPM - F1065C	MIRI Coronagraphic Photometric Calibration	(1) P330-E
	4	MIRI 4QPM - F1140C	MIRI Coronagraphic Photometric Calibration	(1) P330-E
	15	NIRSpec FS prism	NIRSpec Fixed Slit Spectroscopy	(1) P330-E
	16	NIRSpec FS gratings	NIRSpec Fixed Slit Spectroscopy	(1) P330-E
	17	NIRSpec FS full frame	NIRSpec Fixed Slit Spectroscopy	(1) P330-E
	18	NIRSpec IFU	NIRSpec IFU Spectroscopy	(1) P330-E
	22	NIRISS WFSS GR150R	NIRISS External Calibration	(1) P330-E
	23	NIRISS WFSS GR150C	NIRISS External Calibration	(1) P330-E
	24	NIRISS SOSS	NIRISS Single-Object Slitless Spectroscopy	(1) P330-E

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	26	NIRISS AMI	NIRISS Aperture Masking Interferometry	(1) P330-E
	31	NIRISS Imaging	NIRISS External Calibration	(1) P330-E
	34	NIRCam Imaging Sub160 Module B - SW	NIRCam Engineering Imaging	(1) P330-E
	35	NIRCam Imaging Sub160P Module B - LW	NIRCam Engineering Imaging	(1) P330-E
	36	NIRCam Imaging Sub160 Module A - SW	NIRCam Engineering Imaging	(1) P330-E
	37	NIRCam Imaging Sub160P Module A - LW	NIRCam Engineering Imaging	(1) P330-E
	38	NIRCam Imaging Sub64P Module B	NIRCam Imaging	(1) P330-E
	39	NIRCam Imaging Sub64P Module A	NIRCam Engineering Imaging	(1) P330-E
	41	NIRCam Weak Lens Imaging Module B	NIRCam Engineering Imaging	(1) P330-E
	42	NIRCam GrismC Mod A SHORT	NIRCam Engineering Imaging	(1) P330-E
	60	NIRCam GrismR TS Mod A SHORT	NIRCam Engineering Imaging	(1) P330-E
	43	NIRCam GrismC Mod A LONG	NIRCam Engineering Imaging	(1) P330-E
	61	NIRCam GrismR TS Mod A LONG	NIRCam Engineering Imaging	(1) P330-E
	44	NIRCam WFSS Mod B SHORT	NIRCam Engineering Imaging	(1) P330-E
	45	NIRCam WFSS Mod B LONG	NIRCam Engineering Imaging	(1) P330-E
	46	NIRCam Coronagraphy MASKSWB	NIRCam Coronagraphic Imaging	(10) P330-E-OFFSET
	47	NIRCam Coronagraphy MASK210R	NIRCam Coronagraphic Imaging	(10) P330-E-OFFSET
	48	NIRCam Coronagraphy MASKLWB	NIRCam Coronagraphic Imaging	(10) P330-E-OFFSET
	49	NIRCam Coronagraphy MASK335R	NIRCam Coronagraphic Imaging	(10) P330-E-OFFSET

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	50	NIRCam Coronagraphy MASK430R	NIRCam Coronagraphic Imaging	(10) P330-E-OFFSET
	58	FGS Imaging w/ G1 off set	NIRCam Imaging	(1) P330-E
	59	FGS Imaging w/ G2 off set	NIRCam Imaging	(1) P330-E
	158	FGS Imaging w/ G1 off set	NIRCam Imaging	(11) GD153
	159	FGS Imaging w/ G2 off set	NIRCam Imaging	(11) GD153
	160	NIRISS WFSS GR150 C	NIRISS External Calibration	(1) P330-E
SNAP-2				
	5	MIRI imaging	MIRI Imaging	(2) SNAP-2
	19	NIRSpec IFU prism	NIRSpec IFU Spectroscopy	(2) SNAP-2
	20	NIRSPEC FS prism	NIRSpec Fixed Slit Spectroscopy	(2) SNAP-2
	27	NIRISS imaging	NIRISS External Calibration	(2) SNAP-2
	29	NIRCam Imaging Sub1 60P Module A	NIRCam Engineering Imaging	(2) SNAP-2
	105	MIRI imaging	MIRI Imaging	(2) SNAP-2
	127	NIRISS imaging	NIRISS External Calibration	(2) SNAP-2
C26202				
	6	MIRI imaging	MIRI Imaging	(3) C26202
	106	MIRI imaging	MIRI Imaging	(3) C26202
	21	NIRSpec FS prism	NIRSpec Fixed Slit Spectroscopy	(3) C26202
	28	NIRISS imaging	NIRISS External Calibration	(3) C26202
	30	NIRCam Imaging Sub1 60P Module A	NIRCam Engineering Imaging	(3) C26202
	121	NIRSpec FS prism	NIRSpec Fixed Slit Spectroscopy	(3) C26202
HD142331				
	7	MIRI imaging	MIRI Imaging	(4) HD142331
	8	MIRI LRS slitless	MIRI Low Resolution Spectroscopy	(5) HD142331-WBKG
	9	MIRI LRS slitless BKG	MIRI Low Resolution Spectroscopy	(6) HD142331-BKG
HR6538				

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	10	MIRI imaging	MIRI Imaging	(7) HR6538
	11	MIRI MRS	MIRI Medium Resolution Spectroscopy	(8) HR6538-WBKG
	12	MIRI MRS BKG	MIRI Medium Resolution Spectroscopy	(9) HR6538-BKG
	13	MIRI LRS slitless	MIRI Low Resolution Spectroscopy	(8) HR6538-WBKG
	14	MIRI LRS BKG	MIRI Low Resolution Spectroscopy	(9) HR6538-BKG
	51	NIRCam Coronagraphy ND square SWB	NIRCam Coronagraphic Imaging	(7) HR6538
	52	NIRCam Coronagraphy ND square SWBS	NIRCam Coronagraphic Imaging	(7) HR6538
	53	NIRCam Coronagraphy ND square 210R	NIRCam Coronagraphic Imaging	(7) HR6538
	54	NIRCam Coronagraphy ND square LWB	NIRCam Coronagraphic Imaging	(7) HR6538
	55	NIRCam Coronagraphy ND square LWBL	NIRCam Coronagraphic Imaging	(7) HR6538
	56	NIRCam Coronagraphy ND square 335R	NIRCam Coronagraphic Imaging	(7) HR6538
	57	NIRCam Coronagraphy ND square 430R	NIRCam Coronagraphic Imaging	(7) HR6538

ABSTRACT

This program obtains observations of solar analogs 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 solar analog stars and companion programs provide observations of hot stars and A dwarfs observations. The absolute flux observations will be compared to model predictions of the stars' flux densities to calculate the appropriate calibration factors per instrument mode.

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

OBSERVING DESCRIPTION

Observations of solar analogs for absolute flux calibration. Includes observation for part 1 and 2 of the combined instrument program. Part 1 observes one star in each instrument mode/detector where this star was observed in cycle 1 and shown to be a high quality absflux star. Part 2

observes a large sample in a subset of the modes to define the average, vet the sample, and diagnose any instrumental dependancies of the flux calibration (e.g. flux).

Note that the target for the FGS redo observations is a hot stars, not a solar analog. None of the solar analogs are faint enough.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	
Comments: Position from Gaia EDR3 *Spectral type: G0 V* *Category=Star* *Description=[G dwarfs]* *Extended=NO*				
(2)	SNAP-2	RA: 16 19 46.1029 (244.9420954d) Dec: +55 34 17.86 (55.57163d) Equinox: J2000	Proper Motion RA: -2.929 mas/yr Proper Motion Dec: -10.887 mas/yr Parallax: 0.000554" Epoch of Position: 2000.0	
Comments: Position from Gaia EDR3 *Approximate spectral type: G0 V* *Category=Star* *Description=[G dwarfs]* *Extended=NO*				
(3)	C26202	RA: 03 32 32.8729 (53.1369704d) Dec: -27 51 48.34 (-27.86343d) Equinox: J2000	Proper Motion RA: 7.320 mas/yr Proper Motion Dec: -1.331 mas/yr Parallax: 0.000427" Epoch of Position: 2000.0	
Comments: Position from Gaia EDR3 *Approximate spectral type: G0 V* *Category=Star* *Description=[G dwarfs]* *Extended=NO*				
(4)	HD142331	RA: 15 54 19.7885 (238.5824521d) Dec: -08 34 49.37 (-8.58038d) Equinox: J2000	Proper Motion RA: -106.032 mas/yr Proper Motion Dec: -23.583 mas/yr Parallax: 0.016406" Epoch of Position: 2000.0	
Comments: Position from Gaia EDR3 *Spectral type: G5 V* *Category=Star* *Description=[G dwarfs]* *Extended=NO*				
(5)	HD142331-WBKG	RA: 15 54 19.7885 (238.5824521d) Dec: -08 34 49.37 (-8.58038d) Equinox: J2000	Proper Motion RA: -106.032 mas/yr Proper Motion Dec: -23.583 mas/yr Parallax: 0.016406" Epoch of Position: 2000.0	
Comments: Position from Gaia EDR3 *Spectral type: G5 V* *Category=Star* *Description=[G dwarfs]* *Extended=NO*				

(6)	HD142331-BKG	RA: 15 54 19.7885 (238.5824521d) Dec: -08 34 29.37 (-8.57482d) Equinox: J2000	Proper Motion RA: -106.032 mas/yr Proper Motion Dec: -23.583 mas/yr Parallax: 0.016406" Epoch of Position: 2000.0

Comments: Position from Gaia EDR3, offset 20" N
Spectral type: G5 V
Category=Star
Description=[G dwarfs]
Extended=NO

(7)	HR6538	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

(8)	HR6538-WBKG	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

(9)	HR6538-BKG	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 36.13 (34.27670d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0

Comments: Position from Gaia EDR3, offset 20" N
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

(10)	P330-E-OFFSET	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0

Comments: Position from Gaia EDR3
Spectral type: G0 V

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

	(11)	GD153	RA: 12 57 2.3225 (194.2596771d) Dec: +22 01 52.63 (22.03129d) Equinox: J2000	Proper Motion RA: -38.402 mas/yr Proper Motion Dec: -202.990 mas/yr Parallax: 0.014593" Epoch of Position: 2000.0

Comments: Position from Gaia EDR3
Spectral Type: DA1.2
Category=Star
Description=[White dwarfs]
Extended=NO

Observation

Proposal 4498, Observation 1: MIRI imaging Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

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

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	5	1	1	Dither 1	4	4	55.501	
2	F770W	FASTR1	7	1	1	Dither 1	4	4	77.701	
3	F1000W	FASTR1	10	1	1	Dither 1	4	4	111.002	
4	F1130W	FASTR1	10	1	1	Dither 1	4	4	111.002	
5	F1280W	FASTR1	10	1	1	Dither 1	4	4	111.002	
6	F1500W	FASTR1	10	1	1	Dither 1	4	4	111.002	
7	F1800W	FASTR1	20	1	1	Dither 1	4	4	222.003	

Observation

Proposal 4498, Observation 2: MIRI LRS slit Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F1000W	FAST	6	1	1	16.65	150522.13

Template

Subarray	Obtain Verification Image?
FULL	true

Dithers

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

Pointing Verification

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

Proposal 4498 - Observation 2 - Absolute Flux Calibration (Solar Analogs)

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	34	20	40	1	2	3879.506	

Observation

Proposal 4498, Observation 3: MIRI 4QPM - F1065C Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Subarray
MASK1065

Dithers

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

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1065C	FASTR1	200	1	1	4	4	191.744	

Observation

Proposal 4498, Observation 4: MIRI 4QPM - F11140C

Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Coronagraphic Photometric Calibration

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)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Subarray
MASK1140

Dithers

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

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1140C	FASTR1	240	1	1	4	4	230.093	

Observation

Proposal 4498, Observation 15: NIRSpec FS prism

Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
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	148132.41

Template

Slit	Subarray
S1600A1	SUB512

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	5	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	PRISM/CLEAR	S1600A1	NRSRAPID	4	50	1	NONE	5	250	287.82	148132.32

Observation

Proposal 4498, Observation 16: NIRSpec FS gratings Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

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
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
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	148132.41

Template

Slit	Subarray
S1600A1	SUB2048

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	5	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G140M/F070LP	S1600A1	NRSRAPID	30	4	1	NONE	5	20	559.65	148132.33
2	G140M/F100LP	S1600A1	NRSRAPID	15	1	2	NONE	5	5	72.262	148132.35
3	G235M/F170LP	S1600A1	NRSRAPID	27	1	3	NONE	5	5	126.382	148132.34
4	G395M/F290LP	S1600A1	NRSRAPID	90	1	4	NONE	5	5	410.512	148132.36
5	G140H/F070LP	S1600A1	NRSRAPID	43	1	5	NONE	5	5	198.542	148132.37
6	G140H/F100LP	S1600A1	NRSRAPID	48	1	6	NONE	5	5	221.092	148132.38
7	G235H/F170LP	S1600A1	NRSRAPID	90	1	7	NONE	5	5	410.512	148132.39
8	G395H/F290LP	S1600A1	NRSRAPID	260	1	8	NONE	5	5	1177.212	148132.40

Observation

Proposal 4498, Observation 17: NIRSpec FS full frame Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
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	148132.41

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/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	G140H/F100LP	S1600A1	NRSIRS2RAPID	4	1	1	NONE	5	5	364.722	148132.42
2	G235H/F170LP	S1600A1	NRSIRS2RAPID	6	1	2	NONE	5	5	510.611	148132.43
3	G395H/F290LP	S1600A1	NRSIRS2RAPID	16	1	3	NONE	5	5	1240.056	148132.44

Observation

Proposal 4498, Observation 18: NIRSpec IFU Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
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	148132.41

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	4	1	false	true	NONE	4	4	291.778	148132.45
2	G235M/F170LP	NRSIRS2RAPID	6	1	false	true	NONE	4	4	408.489	148132.46
3	G395M/F290LP	NRSIRS2RAPID	18	1	false	true	NONE	4	4	1108.756	148132.47
4	G140H/F100LP	NRSIRS2RAPID	9	1	false	true	NONE	4	4	583.556	148132.48
5	G235H/F170LP	NRSIRS2RAPID	13	1	false	true	NONE	4	4	816.978	148132.49
6	G395H/F290LP	NRSIRS2RAPID	25	2	false	true	NONE	4	8	3034.489	148132.50

Observation

Proposal 4498, Observation 22: NIRISS WFSS GR150R Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRISS External Calibration

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

Pointing Type
PRIME

Dithers

#	Pattern Type	Image Dithers	Primary Dithers	Subpixel Positions	Pattern Size
1	WFSS	4			MEDIUM

Proposal 4498 - Observation 22 - Absolute Flux Calibration (Solar Analogs)

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	WFSS64R	DEFAULT APERTURE	CLEAR	F090W	NISRAPID	3	1	4	4	5.532	
2	WFSS64R	DEFAULT APERTURE	GR150R	F090W	NISRAPID	10	2	4	8	30.138	
3	WFSS64R	DEFAULT APERTURE	GR150R	F115W	NISRAPID	5	2	4	8	16.513	
4	WFSS64R	DEFAULT APERTURE	GR150R	F158M	NISRAPID	5	2	4	8	16.513	
5	WFSS64R	DEFAULT APERTURE	GR150R	F140M	NISRAPID	5	2	4	8	16.513	
6	WFSS64R	DEFAULT APERTURE	GR150R	F150W	NISRAPID	5	2	4	8	16.513	
7	WFSS64R	DEFAULT APERTURE	GR150R	F200W	NISRAPID	10	2	4	8	30.138	
8	WFSS64R	DEFAULT APERTURE	CLEAR	F200W	NISRAPID	3	1	4	4	5.532	

Special Requirements

Aperture PA Range 94 to 145 Degrees (V3 93.43873283 to 144.43873283)
Aperture PA Range 160 to 223 Degrees (V3 159.43873283 to 222.43873283)

Observation

Proposal 4498, Observation 23: NIRISS WFSS GR150C Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRISS External Calibration

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

Pointing Type
PRIME

Dithers

#	Pattern Type	Image Dithers	Primary Dithers	Subpixel Positions	Pattern Size
1	WFSS	4			MEDIUM

Proposal 4498 - Observation 23 - Absolute Flux Calibration (Solar Analogs)

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	WFSS64C	DEFAULT APERTURE	CLEAR	F090W	NISRAPID	3	1	4	4	25.01	
2	WFSS64C	DEFAULT APERTURE	GR150R	F090W	NISRAPID	3	2	4	8	50.02	
3	WFSS64C	DEFAULT APERTURE	GR150R	F115W	NISRAPID	2	2	4	8	37.556	
4	WFSS64C	DEFAULT APERTURE	GR150R	F158M	NISRAPID	2	2	4	8	37.556	
5	WFSS64C	DEFAULT APERTURE	GR150R	F140M	NISRAPID	2	2	4	8	37.556	
6	WFSS64C	DEFAULT APERTURE	GR150R	F150W	NISRAPID	2	2	4	8	37.556	
7	WFSS64C	DEFAULT APERTURE	GR150R	F200W	NISRAPID	3	2	4	8	50.02	
8	WFSS64C	DEFAULT APERTURE	CLEAR	F200W	NISRAPID	3	1	4	4	25.01	

Special Requirements

Aperture PA Range 94 to 105 Degrees (V3 93.43873283 to 104.43873283)
Aperture PA Range 120 to 223 Degrees (V3 119.43873283 to 222.43873283)

Observation

Proposal 4498, Observation 24: NIRISS SOSS Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRISS Single-Object Slitless Spectroscopy

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
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Acquisition Mode	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	1 P330-E	SOSSFAINT	F480M	NISRAPID	19	1	1	0.93	151729

Template

Subarray	Include Short First Exposure and 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	
2	NISRAPID	10	10	1	10	604.545	

Special Requirements	
	Aperture PA Range 94 to 120 Degrees (V3 93.43873283 to 119.43873283) Aperture PA Range 170 to 200 Degrees (V3 169.43873283 to 199.43873283) Time Series Observation No Parallel Attachments

Observation

Proposal 4498, Observation 26: NIRISS AMI Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRISS Aperture Masking Interferometry

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
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Acquisition Mode	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	AMIFAINT	F480M	NISRAPID	19	1	1	0.93	151736

Template

Subarray	Direct Image
SUB80	false

Dithers

#	Primary Dithers	Subpixel Positions
1	NONE	NONE

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F480M	NISRAPID	100	4	1	4	30.56	
2	F380M	NISRAPID	100	4	1	4	30.56	
3	F430M	NISRAPID	100	4	1	4	30.56	
4	F277W	NISRAPID	100	4	1	4	30.56	

PSF References	PSF Reference: true
Special Requirements	No Parallel Attachments

Observation

Proposal 4498, Observation 31: NIRISS Imaging Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRISS External Calibration

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

Pointing Type
PRIME

Dithers

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

Proposal 4498 - Observation 31 - Absolute Flux Calibration (Solar Analogs)

Spectral Elements

#	Subarray	Aperture	Filter Wheel	Pupil Wheel	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SUB64	DEFAULT APERTURE	CLEAR	F140M	NISRAPID	3	2	4	8	1.62	
2	SUB64	DEFAULT APERTURE	CLEAR	F158M	NISRAPID	3	2	4	8	1.62	
3	SUB128	DEFAULT APERTURE	F480M	CLEARP	NISRAPID	6	2	4	8	10.356	
4	SUB128	DEFAULT APERTURE	F380M	CLEARP	NISRAPID	6	2	4	8	10.356	
5	SUB128	DEFAULT APERTURE	F430M	CLEARP	NISRAPID	6	2	4	8	10.356	
6	SUB64	DEFAULT APERTURE	F356W	CLEARP	NISRAPID	6	2	4	8	2.712	
7	SUB128	DEFAULT APERTURE	F444W	CLEARP	NISRAPID	4	2	4	8	7.444	
8	SUB64	DEFAULT APERTURE	F277W	CLEARP	NISRAPID	3	2	4	8	1.62	

Observation

Proposal 4498, Observation 34: NIRCam Imaging Sub160 Module B - SW Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

(Visit 34:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
B	SUB160	1

Mosaic

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

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	CLEAR	F470N	F212N	F444W	RAPID	10	5	20	4	61.403	
2	CLEAR	CLEAR	F187N	F480M	RAPID	7	2	8	4	17.874	
3	F164N	CLEAR	F150W2	F460M	RAPID	7	2	8	4	17.874	
4	F162M	CLEAR	F150W2	F360M	RAPID	3	2	8	4	8.957	
5	CLEAR	CLEAR	F140M	F356W	RAPID	3	2	8	4	8.957	
6	CLEAR	CLEAR	F182M	F277W	RAPID	3	2	8	4	8.957	
7	CLEAR	CLEAR	F210M	F444W	RAPID	3	2	8	4	8.957	
8	CLEAR	CLEAR	F070W	F250M	RAPID	3	2	8	4	8.957	
9	CLEAR	CLEAR	F090W	F300M	RAPID	3	2	8	4	8.957	
10	CLEAR	CLEAR	F115W	F335M	RAPID	3	2	8	4	8.957	
11	CLEAR	CLEAR	F150W	F410M	RAPID	3	2	8	4	8.957	
12	CLEAR	CLEAR	F200W	F430M	RAPID	5	2	8	4	13.416	

Observation

Proposal 4498, Observation 35: NIRCam Imaging Sub160P Module B - LW Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

(Visit 35:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
B	SUB160P	1

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F164N	F323N	F150W2	F322W2	RAPID	10	1	4	4	12.281	
2	CLEAR	F405N	F187N	F444W	RAPID	10	2	8	4	24.561	
3	CLEAR	F466N	F212N	F444W	RAPID	10	2	8	4	24.561	
4	CLEAR	F470N	F212N	F444W	RAPID	10	2	8	4	24.561	
5	CLEAR	CLEAR	F140M	F250M	RAPID	5	1	4	4	6.708	
6	F162M	CLEAR	F150W2	F300M	RAPID	5	1	4	4	6.708	
7	CLEAR	CLEAR	F182M	F335M	RAPID	5	1	4	4	6.708	
8	CLEAR	CLEAR	F210M	F360M	RAPID	5	1	4	4	6.708	
9	CLEAR	CLEAR	F070W	F410M	RAPID	5	2	8	4	13.416	
10	CLEAR	CLEAR	F182M	F430M	RAPID	5	2	8	4	13.416	
11	CLEAR	CLEAR	F200W	F460M	RAPID	5	2	8	4	13.416	
12	F164N	CLEAR	F150W2	F480M	RAPID	5	2	8	4	13.416	
13	CLEAR	CLEAR	F187N	F277W	RAPID	3	2	8	4	8.957	
14	CLEAR	CLEAR	F212N	F356W	RAPID	3	2	8	4	8.957	
15	CLEAR	CLEAR	F210M	F444W	RAPID	5	2	8	4	13.416	

Observation

Proposal 4498, Observation 36: NIRCam Imaging Sub160 Module A - SW Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

(Visit 36:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
A	SUB160	1

Mosaic

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

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	CLEAR	F470N	F212N	F444W	RAPID	10	5	20	4	61.403	
2	CLEAR	CLEAR	F187N	F480M	RAPID	7	2	8	4	17.874	
3	F164N	CLEAR	F150W2	F460M	RAPID	7	2	8	4	17.874	
4	F162M	CLEAR	F150W2	F360M	RAPID	3	2	8	4	8.957	
5	CLEAR	CLEAR	F140M	F356W	RAPID	3	2	8	4	8.957	
6	CLEAR	CLEAR	F182M	F277W	RAPID	3	2	8	4	8.957	
7	CLEAR	CLEAR	F210M	F444W	RAPID	3	2	8	4	8.957	
8	CLEAR	CLEAR	F070W	F250M	RAPID	3	2	8	4	8.957	
9	CLEAR	CLEAR	F090W	F300M	RAPID	3	2	8	4	8.957	
10	CLEAR	CLEAR	F115W	F335M	RAPID	3	2	8	4	8.957	
11	CLEAR	CLEAR	F150W	F410M	RAPID	3	2	8	4	8.957	
12	CLEAR	CLEAR	F200W	F430M	RAPID	5	2	8	4	13.416	

Observation

Proposal 4498, Observation 37: NIRCam Imaging Sub160P Module A - LW Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

(Visit 37:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
A	SUB160P	1

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F164N	F323N	F150W2	F322W2	RAPID	10	1	4	4	12.281	
2	CLEAR	F405N	F187N	F444W	RAPID	10	2	8	4	24.561	
3	CLEAR	F466N	F212N	F444W	RAPID	10	2	8	4	24.561	
4	CLEAR	F470N	F212N	F444W	RAPID	10	2	8	4	24.561	
5	CLEAR	CLEAR	F140M	F250M	RAPID	5	1	4	4	6.708	
6	F162M	CLEAR	F150W2	F300M	RAPID	5	1	4	4	6.708	
7	CLEAR	CLEAR	F182M	F335M	RAPID	5	1	4	4	6.708	
8	CLEAR	CLEAR	F210M	F360M	RAPID	5	1	4	4	6.708	
9	CLEAR	CLEAR	F070W	F410M	RAPID	5	2	8	4	13.416	
10	CLEAR	CLEAR	F182M	F430M	RAPID	5	2	8	4	13.416	
11	CLEAR	CLEAR	F200W	F460M	RAPID	5	2	8	4	13.416	
12	F164N	CLEAR	F150W2	F480M	RAPID	5	2	8	4	13.416	
13	CLEAR	CLEAR	F187N	F277W	RAPID	3	2	8	4	8.957	
14	CLEAR	CLEAR	F212N	F356W	RAPID	3	2	8	4	8.957	
15	CLEAR	CLEAR	F210M	F444W	RAPID	5	2	8	4	13.416	

Special Requirements	Offset -0.24615653431080614 arcsec, 0.5935140100592208 arcsec

Observation

Proposal 4498, Observation 38: NIRCam Imaging Sub64P Module B Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Comments: Part 1

Diagnostics

(NIRCam Imaging Sub64P Module B (Obs 38)) Warning (Form): Pointing performance insufficient
(NIRCam Imaging Sub64P Module B (Obs 38)) Warning (Form): Pointing performance insufficient
(NIRCam Imaging Sub64P Module B (Obs 38)) Warning (Form): Pointing performance insufficient
(NIRCam Imaging Sub64P Module B (Obs 38)) Warning (Form): Pointing performance insufficient
(NIRCam Imaging Sub64P Module B (Obs 38)) Warning (Form): Pointing performance insufficient
(NIRCam Imaging Sub64P Module B (Obs 38)) Warning (Form): Pointing performance insufficient
(Visit 38:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray
B	SUB64P

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F070W	F277W	RAPID	5	2	8	4	2.428	
2	F090W	F356W	RAPID	5	2	8	4	2.428	
3	F115W	F444W	RAPID	5	2	8	4	2.428	
4	F150W	F460M	RAPID	5	2	8	4	2.428	
5	F200W	F250M	RAPID	5	2	8	4	2.428	
6	F150W2	F322W2	RAPID	3	2	8	4	1.626	

Observation

Proposal 4498, Observation 39: NIRCam Imaging Sub64P Module A Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

(Visit 39:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
A	SUB64P	1

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	CLEAR	CLEAR	F070W	F277W	RAPID	5	2	8	4	2.428	
2	CLEAR	CLEAR	F090W	F356W	RAPID	5	2	8	4	2.428	
3	CLEAR	CLEAR	F115W	F444W	RAPID	5	2	8	4	2.428	
4	CLEAR	CLEAR	F150W	F460M	RAPID	5	2	8	4	2.428	
5	CLEAR	CLEAR	F200W	F250M	RAPID	5	2	8	4	2.428	
6	CLEAR	CLEAR	F150W2	F322W2	RAPID	3	2	8	4	1.626	

Observation

Proposal 4498, Observation 41: NIRCam Weak Lens Imaging Module B Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
B	SUB400P	1

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	WLP8	F470N	F150W	F444W	RAPID	5	2	8	4	79.663	
2	WLP8	F405N	F140M	F444W	RAPID	6	2	8	4	92.913	
3	WLP8	F466N	F182M	F444W	RAPID	5	2	8	4	79.663	
4	WLP8	F323N	F200W	F322W2	RAPID	5	1	4	4	39.832	
5	WLP8	F405N	F187N	F444W	BRIGHT2	12	2	8	4	331.412	
6	WLP8	F466N	F212N	F444W	BRIGHT2	12	2	8	4	331.412	
7	WLP8	F323N	F210M	F322W2	RAPID	6	2	8	4	92.913	

Observation

Proposal 4498, Observation 42: NIRCam GrismC Mod A SHORT Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
A	FULL	4

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	CLEAR	F405N	F212N	F444W	RAPID	3	1	4	4	128.841	
2	WLP8	GRISMC	F212N	F277W	RAPID	4	1	4	4	171.788	
3	WLP8	GRISMC	F187N	F322W2	RAPID	4	1	4	4	171.788	
4	WLP8	GRISMC	F140M	F356W	RAPID	4	1	4	4	171.788	
5	WLP8	GRISMC	F182M	F250M	RAPID	4	1	4	4	171.788	
6	WLP8	GRISMC	F210M	F300M	RAPID	4	1	4	4	171.788	
7	WLP8	GRISMC	F070W	F335M	RAPID	4	1	4	4	171.788	
8	CLEAR	GRISMC	WLP4	F360M	RAPID	4	1	4	4	171.788	

Special Requirements	Offset 45.0 arcsec, 50.0 arcsec

Observation

Proposal 4498, Observation 60: NIRCam GrismR TS Mod A SHORT Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

(NIRCam GrismR TS Mod A SHORT (Obs 60)) Warning (Form): The selected fiducial point is not a standard option for the instrument.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
A	FULL	4

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	F405N	F212N	F444W	RAPID	3	1	4	4	128.841	
2	WLP8	GRISMR	F212N	F277W	RAPID	4	3	12	4	601.259	
3	WLP8	GRISMR	F187N	F322W2	RAPID	7	3	12	4	987.783	
4	WLP8	GRISMR	F140M	F356W	RAPID	4	1	4	4	171.788	
5	WLP8	GRISMR	F182M	F250M	RAPID	4	1	4	4	171.788	
6	WLP8	GRISMR	F210M	F300M	RAPID	4	1	4	4	171.788	
7	WLP8	GRISMR	F070W	F335M	RAPID	4	1	4	4	171.788	
8	CLEAR	GRISMR	WLP4	F360M	RAPID	4	1	4	4	171.788	

Special Requirements	Fiducial Point Override NRCA5_TAGRISMTS_SCI_F322W2

Observation

Proposal 4498, Observation 43: NIRCam GrismC Mod A LONG Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
A	FULL	4

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	CLEAR	F405N	F212N	F444W	RAPID	3	1	4	4	128.841	
2	WLP8	GRISMC	F212N	F444W	RAPID	7	1	4	4	300.63	
3	WLP8	GRISMC	F187N	F410M	RAPID	4	1	4	4	171.788	
4	WLP8	GRISMC	F140M	F430M	RAPID	4	1	4	4	171.788	
5	WLP8	GRISMC	F210M	F460M	RAPID	6	1	4	4	257.682	
6	CLEAR	GRISMC	WLP4	F480M	RAPID	7	1	4	4	300.63	

Special Requirements

Offset -32.9 arcsec, -32.8 arcsec

Observation

Proposal 4498, Observation 61: NIRCam GrismR TS Mod A LONG Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

(NIRCam GrismR TS Mod A LONG (Obs 61)) Warning (Form): The selected fiducial point is not a standard option for the instrument.

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
A	FULL	4

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	F405N	F212N	F444W	RAPID	3	1	4	4	128.841	
2	WLP8	GRISMR	F212N	F444W	RAPID	7	3	12	4	987.783	
3	WLP8	GRISMR	F182M	F410M	RAPID	4	1	4	4	171.788	
4	WLP8	GRISMR	F210M	F430M	RAPID	4	1	4	4	171.788	
5	WLP8	GRISMR	F140M	F460M	RAPID	6	1	4	4	257.682	
6	WLP8	GRISMR	F187N	F480M	RAPID	7	1	4	4	300.63	
7	WLP8	GRISMR	F070W	F480M	RAPID	4	1	4	4	171.788	
8	CLEAR	GRISMR	WLP4	F480M	RAPID	5	1	4	4	214.735	

Special Requirements	Fiducial Point Override NRCA5_TAGRISMTS_SCI_F444W

Observation

Proposal 4498, Observation 44: NIRCam WFSS Mod B SHORT Wed Jul 03 00:00:46 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
B	FULL	4

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	CLEAR	F405N	F212N	F444W	RAPID	3	1	4	4	128.841	
2	CLEAR	GRISMR	F212N	F277W	RAPID	4	1	4	4	171.788	
3	CLEAR	GRISMR	F212N	F322W2	RAPID	4	1	4	4	171.788	
4	CLEAR	GRISMR	F212N	F356W	RAPID	4	1	4	4	171.788	
5	CLEAR	GRISMR	F212N	F250M	RAPID	4	1	4	4	171.788	
6	CLEAR	GRISMR	F212N	F300M	RAPID	4	1	4	4	171.788	
7	CLEAR	GRISMR	F212N	F335M	RAPID	4	1	4	4	171.788	
8	CLEAR	GRISMR	F212N	F360M	RAPID	4	1	4	4	171.788	
9	CLEAR	GRISMC	F212N	F277W	RAPID	4	1	4	4	171.788	
10	CLEAR	GRISMC	F212N	F322W2	RAPID	4	1	4	4	171.788	
11	CLEAR	GRISMC	F212N	F356W	RAPID	4	1	4	4	171.788	
12	CLEAR	GRISMC	F212N	F250M	RAPID	4	1	4	4	171.788	
13	CLEAR	GRISMC	F212N	F300M	RAPID	4	1	4	4	171.788	
14	CLEAR	GRISMC	F212N	F335M	RAPID	4	1	4	4	171.788	
15	CLEAR	GRISMC	F212N	F360M	RAPID	4	1	4	4	171.788	

Special Requirements	Offset -37.7 arcsec, 51.3 arcsec

Observation

Proposal 4498, Observation 45: NIRCam WFSS Mod B LONG Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Comments: Part 1

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
B	FULL	4

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	CLEAR	F405N	F212N	F444W	RAPID	3	1	4	4	128.841	
2	CLEAR	GRISMR	F212N	F444W	RAPID	7	1	4	4	300.63	
3	CLEAR	GRISMR	F212N	F410M	RAPID	4	1	4	4	171.788	
4	CLEAR	GRISMR	F212N	F430M	RAPID	4	1	4	4	171.788	
5	CLEAR	GRISMR	F212N	F460M	RAPID	6	1	4	4	257.682	
6	CLEAR	GRISMR	F212N	F480M	RAPID	7	1	4	4	300.63	
7	CLEAR	GRISMC	F212N	F444W	RAPID	7	1	4	4	300.63	
8	CLEAR	GRISMC	F212N	F410M	RAPID	4	1	4	4	171.788	
9	CLEAR	GRISMC	F212N	F430M	RAPID	4	1	4	4	171.788	
10	CLEAR	GRISMC	F212N	F460M	RAPID	6	1	4	4	257.682	
11	CLEAR	GRISMC	F212N	F480M	RAPID	7	1	4	4	300.63	

Special Requirements	Offset 32.1 arcsec, -32.8 arcsec

Observation

Proposal 4498, Observation 46: NIRCam Coronagraphy MASKSWB Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Comments: Part 1

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	P330-E-OFFSET	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V

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	1 P330-E	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

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F182M	F250M	RAPID	6	1	3	3	87.964	
2	F210M	F300M	RAPID	6	1	3	3	87.964	
3	F187N	F335M	BRIGHT1	6	1	3	3	150.752	
4	F212N	F360M	BRIGHT1	10	1	3	3	251.212	
5	F200W	F356W	RAPID	6	1	3	3	87.964	

PSF References

PSF Reference: true

Special Requirements	
	Aperture PA Range 120 to 240 Degrees (V3 119.97649555 to 239.97649555) Aperture PA Range 300 to 60 Degrees (V3 299.97649555 to 59.97649555)

Observation

Proposal 4498, Observation 47: NIRCam Coronagraphy MASK210R Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Comments: Part 1

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	P330-E-OFFSET	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V

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	1 P330-E	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

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F182M	F360M	RAPID	6	1	5	5	146.607	
2	F210M	F410M	RAPID	6	1	5	5	146.607	
3	F187N	F430M	BRIGHT1	10	1	5	5	418.686	
4	F212N	F460M	BRIGHT1	10	1	5	5	418.686	
5	F200W	F444W	RAPID	6	1	5	5	146.607	

PSF References

PSF Reference: true

Observation

Proposal 4498, Observation 48: NIRCam Coronagraphy MASKLWB Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Comments: Part 1

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	P330-E-OFFSET	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V

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	1 P330-E	F335M	FAINT	RAPID	33	1	1	1.708	45636

Template

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F212N	F250M	SHALLOW4	10	1	3	3	159.505	
2	F187N	F300M	SHALLOW4	10	1	3	3	159.505	
3	F210M	F335M	SHALLOW4	10	1	3	3	159.505	
4	F182M	F360M	SHALLOW4	10	1	3	3	159.505	
5	F182M	F410M	SHALLOW4	10	1	3	3	159.505	
6	F187N	F430M	MEDIUM8	7	1	3	3	220.094	
7	F212N	F460M	MEDIUM8	10	1	3	3	315.761	
8	F210M	F480M	MEDIUM8	10	1	3	3	315.761	
9	F200W	F277W	BRIGHT1	10	1	3	3	63.839	
10	F200W	F356W	BRIGHT1	10	2	3	6	127.678	
11	F200W	F444W	BRIGHT1	10	2	3	6	127.678	

PSF References	PSF Reference: true
Special Requirements	Aperture PA Range 120 to 240 Degrees (V3 119.59130143 to 239.59130143) Aperture PA Range 300. to 60. Degrees (V3 299.59130143 to 59.59130143)

Observation

Proposal 4498, Observation 49: NIRCam Coronagraphy MASK335R Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Comments: Part 1

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	P330-E-OFFSET	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V

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	1 P330-E	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

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F182M	F250M	SHALLOW4	10	2	5	10	534.725	
2	F182M	F300M	SHALLOW4	10	2	5	10	534.725	
3	F210M	F335M	SHALLOW4	10	2	5	10	534.725	
4	F210M	F360M	SHALLOW4	10	2	5	10	534.725	
5	F187N	F410M	SHALLOW4	10	1	5	5	267.362	
6	F187N	F430M	MEDIUM8	7	1	5	5	368.921	
7	F212N	F460M	MEDIUM8	10	1	5	5	529.277	
8	F212N	F480M	MEDIUM8	10	1	5	5	529.277	
9	F200W	F356W	BRIGHT1	10	1	5	5	107.006	
10	F200W	F444W	BRIGHT1	10	1	5	5	107.006	
11	F200W	F322W2	BRIGHT1	6	1	5	5	64.245	

PSF References	PSF Reference: true

Observation

Proposal 4498, Observation 50: NIRCam Coronagraphy MASK430R Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Comments: Part 1

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
(10)	P330-E-OFFSET	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 51.40 (30.14761d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V

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	1 P330-E	F335M	FAINT	RAPID	33	1	1	1.708	45636

Template

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F182M	F250M	SHALLOW4	10	1	5	5	267.362	
2	F182M	F300M	SHALLOW4	10	1	5	5	267.362	
3	F210M	F335M	SHALLOW4	10	1	5	5	267.362	
4	F210M	F360M	SHALLOW4	10	1	5	5	267.362	
5	F187N	F410M	SHALLOW4	10	1	5	5	267.362	
6	F187N	F430M	MEDIUM8	7	1	5	5	368.921	
7	F212N	F460M	MEDIUM8	10	1	5	5	529.277	
8	F182M	F480M	MEDIUM8	10	1	5	5	529.277	
9	F200W	F356W	BRIGHT1	10	1	5	5	107.006	
10	F200W	F444W	BRIGHT1	10	1	5	5	107.006	
11	F200W	F322W2	BRIGHT1	6	1	5	5	64.245	

PSF References	PSF Reference: true

Observation

Proposal 4498, Observation 58: FGS Imaging w/ G1 offset Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Comments: We want Guide Star N62G000709 in Guider 1.

Diagnostics

(Visit 58:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	Target Placement
ALL	FULL	Module Gap

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F070W	F277W	RAPID	2	2	4	2	107.368	

Special Requirements

Offset -201.0 arcsec, -205.0 arcsec
Guide Star ID N62G000709 in Guider 1
Guide Star Limits 11. - 14.

Observation

Proposal 4498, Observation 59: FGS Imaging w/ G2 offset Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Comments: We want Guide Star N62G000709 in Guider 2.

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	Target Placement
ALL	FULL	Module Gap

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F070W	F277W	RAPID	2	2	4	2	107.368	

Special Requirements

Offset -25.0 arcsec, -205.0 arcsec
Guide Star ID N62G000709 in Guider 2
Guide Star Limits 11. - 14.

Observation

Proposal 4498, Observation 158: FGS Imaging w/ G1 offset Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Comments: We want Guide Star N4E9000345 in Guider 1.

Diagnostics

(Visit 158:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(11)	GD153	RA: 12 57 2.3225 (194.2596771d) Dec: +22 01 52.63 (22.03129d) Equinox: J2000	Proper Motion RA: -38.402 mas/yr Proper Motion Dec: -202.990 mas/yr Parallax: 0.014593" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: DA1.2
Category=Star
Description=[White dwarfs]
Extended=NO

Template

Module	Subarray	Target Placement
ALL	FULL	Module Gap

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F070W	F277W	RAPID	2	2	4	2	107.368	

Special Requirements

Offset -201.0 arcsec, -205.0 arcsec
Guide Star ID N5IB049334 in Guider 1

Observation

Proposal 4498, Observation 159: FGS Imaging w/ G2 offset Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Imaging

Comments: We want Guide Star N4E9000345 in Guider 2.

Diagnostics

(Visit 159:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(11)	GD153	RA: 12 57 2.3225 (194.2596771d) Dec: +22 01 52.63 (22.03129d) Equinox: J2000	Proper Motion RA: -38.402 mas/yr Proper Motion Dec: -202.990 mas/yr Parallax: 0.014593" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral Type: DA1.2
Category=Star
Description=[White dwarfs]
Extended=NO

Template

Module	Subarray	Target Placement
ALL	FULL	Module Gap

Dithers

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	F070W	F277W	RAPID	2	2	4	2	107.368	

Special Requirements

Offset -25.0 arcsec, -205.0 arcsec
Guide Star ID N5IB049334 in Guider 2

Observation

Proposal 4498, Observation 160: NIRISS WFSS GR150C

Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRISS External Calibration

Diagnostics

(Visit 160:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	P330-E	RA: 16 31 33.8124 (247.8908850d) Dec: +30 08 46.40 (30.14622d) Equinox: J2000	Proper Motion RA: -8.882 mas/yr Proper Motion Dec: -38.705 mas/yr Parallax: 0.002215" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

Pointing Type
PRIME

Dithers

#	Pattern Type	Image Dithers	Primary Dithers	Subpixel Positions	Pattern Size
1	WFSS	4			MEDIUM

Proposal 4498 - Observation 160 - Absolute Flux Calibration (Solar Analogs)

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	WFSS64C	DEFAULT APERTURE	CLEAR	F090W	NISRAPID	3	1	4	4	25.01	
2	WFSS64C	DEFAULT APERTURE	GR150C	F090W	NISRAPID	3	2	4	8	50.02	
3	WFSS64C	DEFAULT APERTURE	GR150C	F115W	NISRAPID	2	2	4	8	37.556	
4	WFSS64C	DEFAULT APERTURE	GR150C	F158M	NISRAPID	2	2	4	8	37.556	
5	WFSS64C	DEFAULT APERTURE	GR150C	F140M	NISRAPID	2	2	4	8	37.556	
6	WFSS64C	DEFAULT APERTURE	GR150C	F150W	NISRAPID	2	2	4	8	37.556	
7	WFSS64C	DEFAULT APERTURE	GR150C	F200W	NISRAPID	3	2	4	8	50.02	
8	WFSS64C	DEFAULT APERTURE	CLEAR	F200W	NISRAPID	3	1	4	4	25.01	

Special Requirements

Aperture PA Range 94 to 105 Degrees (V3 93.43873283 to 104.43873283)
Aperture PA Range 120 to 223 Degrees (V3 119.43873283 to 222.43873283)

Observation

Proposal 4498, Observation 5: MIRI imaging Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	SNAP-2	RA: 16 19 46.1029 (244.9420954d) Dec: +55 34 17.86 (55.57163d) Equinox: J2000	Proper Motion RA: -2.929 mas/yr Proper Motion Dec: -10.887 mas/yr Parallax: 0.000554" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

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

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	10	1	1	Dither 1	4	4	111.002	
2	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
3	F1000W	FASTR1	32	1	1	Dither 1	4	4	355.205	

Observation

Proposal 4498, Observation 19: NIRSpec IFU prism Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRSpec IFU Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	SNAP-2	RA: 16 19 46.1029 (244.9420954d) Dec: +55 34 17.86 (55.57163d) Equinox: J2000	Proper Motion RA: -2.929 mas/yr Proper Motion Dec: -10.887 mas/yr Parallax: 0.000554" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
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	CLEAR	NRSRAPID	3	1	1	0.08	148132.14

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	24	4	false	true	NONE	4	16	5835.556	148132.9

Observation

Proposal 4498, Observation 20: NIRSPEC FS prism Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	SNAP-2	RA: 16 19 46.1029 (244.9420954d) Dec: +55 34 17.86 (55.57163d) Equinox: J2000	Proper Motion RA: -2.929 mas/yr Proper Motion Dec: -10.887 mas/yr Parallax: 0.000554" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
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	CLEAR	NRSRAPID	3	1	1	0.08	148132.19

Template

Slit	Subarray
S1600A1	SUB512

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	5	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	PRISM/CLEAR	S1600A1	NRSRAPID	100	15	1	NONE	5	75	1714.698	148132.19

Observation

Proposal 4498, Observation 27: NIRISS imaging

Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRISS External Calibration

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
(2)	SNAP-2	RA: 16 19 46.1029 (244.9420954d) Dec: +55 34 17.86 (55.57163d) Equinox: J2000	Proper Motion RA: -2.929 mas/yr Proper Motion Dec: -10.887 mas/yr Parallax: 0.000554" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

Pointing Type
PRIME

Dithers

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

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Spectral Elements

#	Subarray	Aperture	Filter Wheel	Pupil Wheel	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SUB64	DEFAULT APERTURE	CLEAR	F200W	NISRAPID	25	2	4	8	9.628	
2	SUB64	DEFAULT APERTURE	CLEAR	F150W	NISRAPID	25	2	4	8	9.628	
3	SUB64	DEFAULT APERTURE	CLEAR	F140M	NISRAPID	25	2	4	8	9.628	
4	SUB64	DEFAULT APERTURE	CLEAR	F158M	NISRAPID	25	2	4	8	9.628	
5	SUB64	DEFAULT APERTURE	CLEAR	F115W	NISRAPID	25	2	4	8	9.628	
6	SUB64	DEFAULT APERTURE	CLEAR	F090W	NISRAPID	25	2	4	8	9.628	
7	SUB256	DEFAULT APERTURE	F480M	CLEARP	NISRAPID	25	2	4	8	143.983	
8	SUB256	DEFAULT APERTURE	F380M	CLEARP	NISRAPID	25	2	4	8	143.983	
9	SUB256	DEFAULT APERTURE	F430M	CLEARP	NISRAPID	25	2	4	8	143.983	
10	SUB128	DEFAULT APERTURE	F356W	CLEARP	NISRAPID	25	1	4	4	19.01	
11	SUB128	DEFAULT APERTURE	F444W	CLEARP	NISRAPID	25	2	4	8	38.02	
12	SUB64	DEFAULT APERTURE	F277W	CLEARP	NISRAPID	25	2	4	8	9.628	

Observation

Proposal 4498, Observation 29: NIRCam Imaging Sub160P Module A Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	SNAP-2	RA: 16 19 46.1029 (244.9420954d) Dec: +55 34 17.86 (55.57163d) Equinox: J2000	Proper Motion RA: -2.929 mas/yr Proper Motion Dec: -10.887 mas/yr Parallax: 0.000554" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
A	SUB160P	1

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	CLEAR	CLEAR	F070W	F300M	RAPID	6	2	8	4	15.645	
2	CLEAR	CLEAR	F090W	F250M	RAPID	6	2	8	4	15.645	
3	CLEAR	CLEAR	F115W	F444W	RAPID	6	2	8	4	15.645	
4	CLEAR	CLEAR	F150W	F356W	RAPID	6	2	8	4	15.645	
5	CLEAR	CLEAR	F200W	F277W	RAPID	6	2	8	4	15.645	

Observation

Proposal 4498, Observation 105: MIRI imaging Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Comments: Repat of failed visit 5:1

Diagnostics

(Visit 105:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	SNAP-2	RA: 16 19 46.1029 (244.9420954d) Dec: +55 34 17.86 (55.57163d) Equinox: J2000	Proper Motion RA: -2.929 mas/yr Proper Motion Dec: -10.887 mas/yr Parallax: 0.000554" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

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

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F560W	FASTR1	10	1	1	Dither 1	4	4	111.002	
2	F770W	FASTR1	10	1	1	Dither 1	4	4	111.002	
3	F1000W	FASTR1	32	1	1	Dither 1	4	4	355.205	

Observation

Proposal 4498, Observation 127: NIRISS imaging Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRISS External Calibration

Comments: Repeat of failed observation 27

Diagnostics

(Visit 127:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(2)	SNAP-2	RA: 16 19 46.1029 (244.9420954d) Dec: +55 34 17.86 (55.57163d) Equinox: J2000	Proper Motion RA: -2.929 mas/yr Proper Motion Dec: -10.887 mas/yr Parallax: 0.000554" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

Pointing Type
PRIME

Dithers

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

Spectral Elements

#	Subarray	Aperture	Filter Wheel	Pupil Wheel	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SUB64	DEFAULT APERTURE	CLEAR	F200W	NISRAPID	25	2	4	8	9.628	
2	SUB64	DEFAULT APERTURE	CLEAR	F150W	NISRAPID	25	2	4	8	9.628	
3	SUB64	DEFAULT APERTURE	CLEAR	F140M	NISRAPID	25	2	4	8	9.628	
4	SUB64	DEFAULT APERTURE	CLEAR	F158M	NISRAPID	25	2	4	8	9.628	
5	SUB64	DEFAULT APERTURE	CLEAR	F115W	NISRAPID	25	2	4	8	9.628	
6	SUB64	DEFAULT APERTURE	CLEAR	F090W	NISRAPID	25	2	4	8	9.628	
7	SUB256	DEFAULT APERTURE	F480M	CLEARP	NISRAPID	25	2	4	8	143.983	
8	SUB256	DEFAULT APERTURE	F380M	CLEARP	NISRAPID	25	2	4	8	143.983	
9	SUB256	DEFAULT APERTURE	F430M	CLEARP	NISRAPID	25	2	4	8	143.983	
10	SUB128	DEFAULT APERTURE	F356W	CLEARP	NISRAPID	25	1	4	4	19.01	
11	SUB128	DEFAULT APERTURE	F444W	CLEARP	NISRAPID	25	2	4	8	38.02	
12	SUB64	DEFAULT APERTURE	F277W	CLEARP	NISRAPID	25	2	4	8	9.628	

Observation

Proposal 4498, Observation 6: MIRI imaging

Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	C26202	RA: 03 32 32.8729 (53.1369704d) Dec: -27 51 48.34 (-27.86343d) Equinox: J2000	Proper Motion RA: 7.320 mas/yr Proper Motion Dec: -1.331 mas/yr Parallax: 0.000427" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	1	4						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	11	1	1	Dither 1	4	4	122.102	
2	F770W	FASTR1	13	1	1	Dither 1	4	4	144.302	
3	F1000W	FASTR1	52	1	1	Dither 1	4	4	577.208	

Observation

Proposal 4498, Observation 106: MIRI imaging Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Comments: Repeat of skipped observation 6

Diagnostics

(Visit 106:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	C26202	RA: 03 32 32.8729 (53.1369704d) Dec: -27 51 48.34 (-27.86343d) Equinox: J2000	Proper Motion RA: 7.320 mas/yr Proper Motion Dec: -1.331 mas/yr Parallax: 0.000427" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Subarray
FULL

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	1	4						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	11	1	1	Dither 1	4	4	122.102	
2	F770W	FASTR1	13	1	1	Dither 1	4	4	144.302	
3	F1000W	FASTR1	52	1	1	Dither 1	4	4	577.208	

Observation

Proposal 4498, Observation 21: NIRSpec FS prism Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	C26202	RA: 03 32 32.8729 (53.1369704d) Dec: -27 51 48.34 (-27.86343d) Equinox: J2000	Proper Motion RA: 7.320 mas/yr Proper Motion Dec: -1.331 mas/yr Parallax: 0.000427" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
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	CLEAR	NRSRAPID	3	1	1	0.08	148132.21

Template

Slit	Subarray
S1600A1	SUB512

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	5	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	PRISM/CLEAR	S1600A1	NRSRAPID	160	15	1	NONE	5	75	2732.418	148132.20

Observation

Proposal 4498, Observation 28: NIRISS imaging

Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRISS External Calibration

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
(3)	C26202	RA: 03 32 32.8729 (53.1369704d) Dec: -27 51 48.34 (-27.86343d) Equinox: J2000	Proper Motion RA: 7.320 mas/yr Proper Motion Dec: -1.331 mas/yr Parallax: 0.000427" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

Pointing Type
PRIME

Dithers

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

Proposal 4498 - Observation 28 - Absolute Flux Calibration (Solar Analogs)

Spectral Elements

#	Subarray	Aperture	Filter Wheel	Pupil Wheel	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SUB64	DEFAULT APERTURE	CLEAR	F200W	NISRAPID	25	2	4	8	9.628	
2	SUB64	DEFAULT APERTURE	CLEAR	F150W	NISRAPID	25	2	4	8	9.628	
3	SUB64	DEFAULT APERTURE	CLEAR	F140M	NISRAPID	25	2	4	8	9.628	
4	SUB64	DEFAULT APERTURE	CLEAR	F158M	NISRAPID	25	2	4	8	9.628	
5	SUB64	DEFAULT APERTURE	CLEAR	F115W	NISRAPID	25	2	4	8	9.628	
6	SUB64	DEFAULT APERTURE	CLEAR	F090W	NISRAPID	25	2	4	8	9.628	
7	SUB256	DEFAULT APERTURE	F480M	CLEARP	NISRAPID	25	2	4	8	143.983	
8	SUB256	DEFAULT APERTURE	F380M	CLEARP	NISRAPID	25	1	4	4	71.992	
9	SUB256	DEFAULT APERTURE	F430M	CLEARP	NISRAPID	25	1	4	4	71.992	
10	SUB64	DEFAULT APERTURE	F356W	CLEARP	NISRAPID	25	2	4	8	9.628	
11	SUB128	DEFAULT APERTURE	F444W	CLEARP	NISRAPID	25	2	4	8	38.02	
12	SUB64	DEFAULT APERTURE	F277W	CLEARP	NISRAPID	25	2	4	8	9.628	

Observation

Proposal 4498, Observation 30: NIRCam Imaging Sub160P Module A Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Engineering Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	C26202	RA: 03 32 32.8729 (53.1369704d) Dec: -27 51 48.34 (-27.86343d) Equinox: J2000	Proper Motion RA: 7.320 mas/yr Proper Motion Dec: -1.331 mas/yr Parallax: 0.000427" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Module	Subarray	No. of Output Channels
A	SUB160P	1

Dithers

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

Spectral Elements

#	Short Pupil	Long Pupil	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	CLEAR	CLEAR	F070W	F335M	RAPID	6	2	8	4	15.645	
2	CLEAR	CLEAR	F090W	F360M	RAPID	6	2	8	4	15.645	
3	CLEAR	CLEAR	F115W	F444W	RAPID	6	2	8	4	15.645	
4	CLEAR	CLEAR	F150W	F356W	RAPID	6	2	8	4	15.645	
5	CLEAR	CLEAR	F200W	F277W	RAPID	6	2	8	4	15.645	

Observation

Proposal 4498, Observation 121: NIRSpec FS prism Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRSpec Fixed Slit Spectroscopy

Comments: Repeat of failed observation 21

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(3)	C26202	RA: 03 32 32.8729 (53.1369704d) Dec: -27 51 48.34 (-27.86343d) Equinox: J2000	Proper Motion RA: 7.320 mas/yr Proper Motion Dec: -1.331 mas/yr Parallax: 0.000427" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Approximate spectral type: G0 V
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	CLEAR	NRSRAPID	3	1	1	0.08	148132.21

Template

Slit	Subarray
S1600A1	SUB512

Dithers

#	Primary Dither Positions	Sub-Pixel Pattern
1	5	NONE

Spectral Elements

#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Exp	#	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	PRISM/CLEAR	S1600A1	NRSRAPID	160	15	1	NONE	5	75	2732.418	148132.20

Observation

Proposal 4498, Observation 7: MIRI imaging Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(MIRI imaging (Obs 7)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

(MIRI imaging (Obs 7)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(4)	HD142331	RA: 15 54 19.7885 (238.5824521d) Dec: -08 34 49.37 (-8.58038d) Equinox: J2000	Proper Motion RA: -106.032 mas/yr Proper Motion Dec: -23.583 mas/yr Parallax: 0.016406" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G5 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Subarray
SUB64

Dithers

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

Spectral Elements

#	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F1000W	FASTR1	10	1	1	Dither 1	4	4	3.405	
2	F1130W	FASTR1	16	1	1	Dither 1	4	4	5.448	
3	F1280W	FASTR1	14	1	1	Dither 1	4	4	4.767	
4	F1500W	FASTR1	16	1	1	Dither 1	4	4	5.448	
5	F1800W	FASTR1	30	1	1	Dither 1	4	4	10.214	
6	F2100W	FASTR1	36	1	1	Dither 1	4	4	12.257	
7	F2550W	FASTR1	50	1	1	Dither 1	4	4	17.024	

Observation

Proposal 4498, Observation 8: MIRI LRS slitless Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Background Observations:[MIRI LRS slitless BKG (Obs 9)]

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(5)	HD142331-WBKG	RA: 15 54 19.7885 (238.5824521d) Dec: -08 34 49.37 (-8.58038d) Equinox: J2000	Proper Motion RA: -106.032 mas/yr Proper Motion Dec: -23.583 mas/yr Parallax: 0.016406" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G5 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F1000W	FAST	4	1	1	0.636	150658.10

Template

Subarray	Obtain Verification Image?
SLITLESSPRISM	true

Dithers

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

Pointing Verification

#	PV Readout Pattern	PV Groups/Int	PV Integrations/Exp	PV Total Integrations	PV Exposures/Dith	PV Total Dithers	PV Total Exposure Time	PV ETC Wkbk.Calc ID	Filter
1	FASTR1	5	1	1	1	1	0.795		F1000W

Proposal 4498 - Observation 8 - Absolute Flux Calibration (Solar Analogs)

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	12	240	240	1	1	496.046	

Special Requirements

Time Series Observation
No Parallel Attachments

Sequence Observations 8, 9, Non-interruptible

Observation

Proposal 4498, Observation 9: MIRI LRS slitless BKG Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Background Observation For: [MIRI LRS slitless (Obs 8)]

Diagnostics

(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	HD142331-BKG	RA: 15 54 19.7885 (238.5824521d) Dec: -08 34 29.37 (-8.57482d) Equinox: J2000	Proper Motion RA: -106.032 mas/yr Proper Motion Dec: -23.583 mas/yr Parallax: 0.016406" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3, offset 20" N
Spectral type: G5 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	5 HD142331-WBKG	F1000W	FAST	4	1	1	0.636	150658.10

Template

Subarray	Obtain Verification Image?
SLITLESSPRISM	false

Dithers

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

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	12	60	60	1	1	123.892	

Special Requirements	
	Time Series Observation No Parallel Attachments Sequence Observations 8, 9, Non-interruptible

Observation

Proposal 4498, Observation 10: MIRI imaging Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Imaging

Diagnostics

(MIRI imaging (Obs 10)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

(MIRI imaging (Obs 10)) Warning (Form): Mosaic-overlap value less than 20% using SUB128 or SUB64 could result in poor quality data at the adjacent regions

(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR6538	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Template

Subarray
SUB64

Dithers

#	Dither Type	Starting Point	Number of Points	Points	Starting Set	Number of Sets	Optimized For	Direction	Pattern Size
1	CYCLING	1	4						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	10	1	1	Dither 1	4	4	3.405	
4	F1800W	FASTR1	10	1	1	Dither 1	4	4	3.405	
5	F2100W	FASTR1	20	1	1	Dither 1	4	4	6.81	
6	F2550W	FASTR1	50	1	1	Dither 1	4	4	17.024	

Observation

Proposal 4498, Observation 11: MIRI MRS Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observations:[MIRI MRS BKG (Obs 12)]

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(8)	HR6538-WBKG	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	FND	FAST	4	1	1	11.1	150657.24

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1		IMAGER	F770W	FASTR1	12	1	1	Dither 1	4	4	133.202	
1	SHORT(A)	MRSLONG		FASTR1	12	1	1	Dither 1	4	4	133.202	
1	SHORT(A)	MRSSHORT		FASTR1	12	1	1	Dither 1	4	4	133.202	
2		IMAGER	F770W	FASTR1	16	1	1	Dither 1	4	4	177.603	
2	MEDIUM(B)	MRSLONG		FASTR1	16	1	1	Dither 1	4	4	177.603	
2	MEDIUM(B)	MRSSHORT		FASTR1	16	1	1	Dither 1	4	4	177.603	
3		IMAGER	F770W	FASTR1	18	1	1	Dither 1	4	4	199.803	
3	LONG(C)	MRSLONG		FASTR1	18	1	1	Dither 1	4	4	199.803	
3	LONG(C)	MRSSHORT		FASTR1	18	1	1	Dither 1	4	4	199.803	

Special Requirements	Sequence Observations 11, 12, Non-interruptible

Observation

Proposal 4498, Observation 12: MIRI MRS BKG Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Medium Resolution Spectroscopy

Background Observation For: [MIRI MRS (Obs 11)]

Diagnostics

(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(9)	HR6538-BKG	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 36.13 (34.27670d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3, offset 20" N
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target
1	NONE

Template

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

Dithers

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

Spectral Elements

#	Wavelength Range	Detector	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Exposures/Dith	Dither	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1		IMAGER	F770W	FASTR1	12	1	1	Dither 1	2	2	66.601	
1	SHORT(A)	MRSLONG		FASTR1	12	1	1	Dither 1	2	2	66.601	
1	SHORT(A)	MRSSHORT		FASTR1	12	1	1	Dither 1	2	2	66.601	
2		IMAGER	F770W	FASTR1	16	1	1	Dither 1	2	2	88.801	
2	MEDIUM(B)	MRSLONG		FASTR1	16	1	1	Dither 1	2	2	88.801	
2	MEDIUM(B)	MRSSHORT		FASTR1	16	1	1	Dither 1	2	2	88.801	
3		IMAGER	F770W	FASTR1	18	1	1	Dither 1	2	2	99.901	
3	LONG(C)	MRSLONG		FASTR1	18	1	1	Dither 1	2	2	99.901	
3	LONG(C)	MRSSHORT		FASTR1	18	1	1	Dither 1	2	2	99.901	

Special Requirements	Sequence Observations 11, 12, Non-interruptible

Observation

Proposal 4498, Observation 13: MIRI LRS slitless Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Background Observations:[MIRI LRS BKG (Obs 14)]

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
(8)	HR6538-WBKG	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F1500W	FAST	4	1	1	0.636	150657.10

Template

Subarray	Obtain Verification Image?
SLITLESSPRISM	true

Dithers

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

Pointing Verification

#	PV Readout Pattern	PV Groups/Int	PV Integrations/Exp	PV Total Integrations	PV Exposures/Dith	PV Total Dithers	PV Total Exposure Time	PV ETC Wkbk.Calc ID	Filter
1	FASTR1	5	1	1	1	1	0.795		F1500W

Proposal 4498 - Observation 13 - Absolute Flux Calibration (Solar Analogs)

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	5	64	64	1	1	60.912	

Special Requirements

Time Series Observation
No Parallel Attachments

Sequence Observations 13, 14, Non-interruptible

Observation

Proposal 4498, Observation 14: MIRI LRS BKG Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: MIRI Low Resolution Spectroscopy

Background Observation For: [MIRI LRS slitless (Obs 13)]

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(9)	HR6538-BKG	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 36.13 (34.27670d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3, offset 20" N
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	8 HR6538-WBKG	F1500W	FAST	4	1	1	0.636	150657.10

Template

Subarray	Obtain Verification Image?
SLITLESSPRISM	false

Dithers

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

Spectral Elements

#	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Exposures/Dith	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
1	FASTR1	5	64	64	1	1	60.912	

Special Requirements	
	Time Series Observation No Parallel Attachments Sequence Observations 13, 14, Non-interruptible

Observation

Proposal 4498, Observation 51: NIRCam Coronagraphy ND square SWB Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR6538	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F210M	BRIGHT (ND Square)	MEDIUM8	9	1	1	16.203	151202

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASKSWB	false	SUB640ASWB	NONE

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F182M	F335M	RAPID	2	1	1	1	12.578	

PSF References

PSF Reference: true

Observation

Proposal 4498, Observation 52: NIRCam Coronagraphy ND square SWBS Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

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

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR6538	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F210M	BRIGHT (ND Square)	MEDIUM8	9	1	1	16.203	151202

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASKSWB	false	SUB640ASWB	NONE

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F212N	F335M	RAPID	2	1	1	1	12.578	

PSF References

PSF Reference: true

Observation

Proposal 4498, Observation 53: NIRCam Coronagraphy ND square 210R Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(Visit 53:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR6538	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F210M	BRIGHT (ND Square)	MEDIUM8	9	1	1	16.203	151202

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASK210R	false	SUB640A210R	NONE

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F335M	RAPID	2	1	1	1	12.578	

PSF References

PSF Reference: true

Observation

Proposal 4498, Observation 54: NIRCam Coronagraphy ND square LWB Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(Visit 54:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR6538	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F335M	BRIGHT (ND Square)	DEEP8	17	1	1	16.505	151202

Template

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F335M	RAPID	2	1	1	1	3.209	

PSF References

PSF Reference: true

Observation

Proposal 4498, Observation 55: NIRCam Coronagraphy ND square LWBL Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(Visit 55:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR6538	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F335M	BRIGHT (ND Square)	DEEP8	17	1	1	16.505	151202

Template

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F480M	RAPID	2	1	1	1	3.209	

PSF References

PSF Reference: true

Observation

Proposal 4498, Observation 56: NIRCam Coronagraphy ND square 335R Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(Visit 56:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR6538	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F335M	BRIGHT (ND Square)	DEEP8	17	1	1	16.505	151202

Template

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

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F335M	RAPID	2	1	1	1	3.228	

PSF References

PSF Reference: true

Observation

Proposal 4498, Observation 57: NIRCam Coronagraphy ND square 430R Wed Jul 03 00:00:47 GMT 2024

Diagnostic Status: Warning

Observing Template: NIRCam Coronagraphic Imaging

Diagnostics

(Visit 57:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(7)	HR6538	RA: 17 32 0.9920 (263.0041333d) Dec: +34 16 16.13 (34.27115d) Equinox: J2000	Proper Motion RA: -240.516 mas/yr Proper Motion Dec: 63.524 mas/yr Parallax: 0.041318" Epoch of Position: 2000.0	

Comments: Position from Gaia EDR3
Spectral type: G1 V
Category=Star
Description=[G dwarfs]
Extended=NO

Acquisition

#	Target	Filter	Target Brightness	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	SAME	F335M	BRIGHT (ND Square)	DEEP8	17	1	1	16.505	151202

Template

Module	Coronagraphic Mask	Obtain Astrometric Confirmation Images?	Subarray	Dither Pattern
A	MASK430R	false	SUB320A430R	NONE

Spectral Elements

#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	F210M	F335M	RAPID	2	1	1	1	3.228	

PSF References

PSF Reference: true