



6605 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Cycle: 3, Proposal Category: CAL/CROSS

INVESTIGATORS

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
GD71				
	1	NIRCam Imaging Sub1 60 Module B - SW	NIRCam Engineering Imaging	(1) GD71
	2	NIRCam Imaging Sub1 60P Module B - LW	NIRCam Engineering Imaging	(1) GD71
	3	NIRCam Imaging Sub1 60 Module A - SW	NIRCam Engineering Imaging	(1) GD71
	4	NIRCam Imaging Sub1 60P Module A - LW	NIRCam Engineering Imaging	(1) GD71
	12	GD71 NIRSPEC PRIS M	NIRSpec Fixed Slit Spectroscopy	(1) GD71
WDFS0122-30				
	5	NIRCam Imaging FUL L Module B	NIRCam Engineering Imaging	(2) WDFS0122-30
	105	NIRCam Imaging FUL L Module B	NIRCam Engineering Imaging	(2) WDFS0122-30

JWST Proposal 6605 (Created: Monday, August 4, 2025, 2:00:11PM Eastern Standard Time) - Overview

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	10	NIRISS Imaging	NIRISS Imaging	(2) WDFS0122-30
	13	NIRSPEC Prism	NIRSpec Fixed Slit Spectroscopy	(2) WDFS0122-30
WDFS0458-56				
	6	NIRCam Imaging FUL L Module B	NIRCam Engineering Imaging	(3) WFDS0458-56
	14	NIRSPEC Prism	NIRSpec Fixed Slit Spectroscopy	(3) WFDS0458-56
WDFS2317-29				
	9	NIRCam Imaging FUL L Module A	NIRCam Engineering Imaging	(4) WDFS2317-29
	11	NIRISS Imaging	NIRISS External Calibration	(4) WDFS2317-29
	17	NIRSPEC Prism	NIRSpec Fixed Slit Spectroscopy	(4) WDFS2317-29
GD153				
	18	FGS Imaging w/ G1 off set	NIRCam Imaging	(7) GD153
	19	FGS Imaging w/ G2 off set	NIRCam Imaging	(7) GD153
	118	FGS Imaging w/ G1 off set	NIRCam Imaging	(7) GD153
	120	FGS Imaging w/ G1 off set	NIRCam Imaging	(7) GD153
	119	FGS Imaging w/ G2 off set	NIRCam Imaging	(7) GD153

ABSTRACT

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

This calibration program may change in response to system developments and the final Cycle 3 science program.

OBSERVING DESCRIPTION

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

Proposal 6605 - Targets - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	GD71	RA: 05 52 27.6197 (88.1150821d) Dec: +15 53 13.23 (15.88701d) Equinox: J2000	Proper Motion RA: 76.841 mas/yr Proper Motion Dec: -172.944 mas/yr Parallax: 0.019245" Epoch of Position: 2000.0	
<p><i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i></p>				
(2)	WDFS0122-30	RA: 01 22 0.7252 (20.5030217d) Dec: -30 52 3.95 (-30.86776d) Equinox: J2000	Proper Motion RA: 20.621 mas/yr Proper Motion Dec: -12.303 mas/yr Parallax: 0.00163" Epoch of Position: 2016	
<p><i>Comments:</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i></p>				
(3)	WFDS0458-56	RA: 04 58 23.1332 (74.5963883d) Dec: -56 37 33.43 (-56.62595d) Equinox: J2000	Proper Motion RA: 143.596 mas/yr Proper Motion Dec: 66.486 mas/yr Parallax: 0.00202" Epoch of Position: 2016	
<p><i>Comments:</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i></p>				
(4)	WDFS2317-29	RA: 23 17 20.2940 (349.3345583d) Dec: -29 03 21.65 (-29.05601d) Equinox: J2000	Proper Motion RA: 3.991 mas/yr Proper Motion Dec: 25.051 mas/yr Parallax: 0.00209" Epoch of Position: 2016	
<p><i>Comments:</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i></p>				
(7)	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	
<p><i>Comments: Position from Gaia EDR3</i> <i>Spectral Type: DA1.2</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i></p>				

Fixed Targets

Proposal 6605 - Observation 1 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Mon Aug 04 19:00:11 GMT 2025

Observation	Proposal 6605, Observation 1: NIRCam Imaging Sub160 Module B - SW Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging <i>Comments: Part 1</i>											
	(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)	GD71	RA: 05 52 27.6197 (88.1150821d) Dec: +15 53 13.23 (15.88701d) Equinox: J2000		Proper Motion RA: 76.841 mas/yr Proper Motion Dec: -172.944 mas/yr Parallax: 0.019245" Epoch of Position: 2000.0							
<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i>												
Template	Module		Subarray				No. of Output Channels					
	B		SUB160				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	F470N	F212N	F444W	SHALLOW4	6	1	4	4	33.457	
	2	CLEAR	CLEAR	F187N	F480M	SHALLOW4	5	1	4	4	27.884	
	3	F164N	CLEAR	F150W2	F460M	SHALLOW4	5	1	4	4	27.884	
	4	F162M	CLEAR	F150W2	F360M	RAPID	5	1	4	4	6.708	
	5	CLEAR	CLEAR	F140M	F356W	RAPID	5	1	4	4	6.708	
	6	CLEAR	CLEAR	F182M	F277W	RAPID	5	1	4	4	6.708	
	7	CLEAR	CLEAR	F210M	F444W	RAPID	5	1	4	4	6.708	
	8	CLEAR	CLEAR	F070W	F250M	RAPID	3	2	8	4	8.957	
	9	CLEAR	CLEAR	F090W	F300M	RAPID	4	2	8	4	11.187	
	10	CLEAR	CLEAR	F115W	F335M	RAPID	5	1	4	4	6.708	
	11	CLEAR	CLEAR	F150W	F410M	RAPID	5	1	4	4	6.708	
	12	CLEAR	CLEAR	F200W	F430M	RAPID	5	1	4	4	6.708	
13	CLEAR	CLEAR	F150W2	F322W2	RAPID	3	2	8	4	8.957		

Proposal 6605 - Observation 2 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

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Observation	Proposal 6605, Observation 2: NIRCam Imaging Sub160P Module B - LW Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging Comments: Part 1											
	(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)	GD71	RA: 05 52 27.6197 (88.1150821d) Dec: +15 53 13.23 (15.88701d) Equinox: J2000			Proper Motion RA: 76.841 mas/yr Proper Motion Dec: -172.944 mas/yr Parallax: 0.019245" Epoch of Position: 2000.0						
Comments: Coordinates from Gaia DR2 Category=Star Description=[White 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	CLEAR	F323N	F212N	F322W2	MEDIUM8	10	1	4	4	110.362	
	2	CLEAR	F405N	F187N	F444W	MEDIUM8	10	2	8	4	220.724	
	3	F164N	F466N	F150W2	F444W	MEDIUM8	8	3	12	4	264.212	
	4	CLEAR	F470N	F212N	F444W	MEDIUM8	9	3	12	4	297.649	
	5	CLEAR	CLEAR	F140M	F250M	BRIGHT2	5	1	4	4	12.281	
	6	F162M	CLEAR	F150W2	F300M	BRIGHT2	5	1	4	4	12.281	
	7	CLEAR	CLEAR	F182M	F335M	BRIGHT2	5	1	4	4	12.281	
	8	CLEAR	CLEAR	F210M	F360M	BRIGHT2	5	1	4	4	12.281	
	9	CLEAR	CLEAR	F070W	F410M	BRIGHT2	7	2	8	4	33.478	
	10	CLEAR	CLEAR	F182M	F430M	SHALLOW4	6	2	8	4	66.915	
	11	CLEAR	CLEAR	F200W	F460M	SHALLOW4	6	2	8	4	66.915	
	12	F164N	CLEAR	F150W2	F480M	SHALLOW4	6	2	8	4	66.915	
	13	CLEAR	CLEAR	F187N	F277W	RAPID	5	1	4	4	6.708	
	14	CLEAR	CLEAR	F212N	F356W	RAPID	5	1	4	4	6.708	
	15	CLEAR	CLEAR	F210M	F444W	RAPID	8	2	8	4	20.103	
	16	CLEAR	CLEAR	F212N	F322W2	RAPID	5	1	4	4	6.708	

Proposal 6605 - Observation 3 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

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Observation	Proposal 6605, Observation 3: NIRCam Imaging Sub160 Module A - SW Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging <i>Comments: Part 1</i>											
	(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)	GD71	RA: 05 52 27.6197 (88.1150821d) Dec: +15 53 13.23 (15.88701d) Equinox: J2000		Proper Motion RA: 76.841 mas/yr Proper Motion Dec: -172.944 mas/yr Parallax: 0.019245" Epoch of Position: 2000.0							
<i>Comments: Coordinates from Gaia DR2 Category=Star Description=[White dwarfs] Extended=NO</i>												
Template	Module		Subarray				No. of Output Channels					
	A		SUB160				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	F470N	F212N	F444W	SHALLOW4	6	1	4	4	33.457	
	2	CLEAR	CLEAR	F187N	F480M	SHALLOW4	5	1	4	4	27.884	
	3	F164N	CLEAR	F150W2	F460M	SHALLOW4	5	1	4	4	27.884	
	4	F162M	CLEAR	F150W2	F360M	RAPID	5	1	4	4	6.708	
	5	CLEAR	CLEAR	F140M	F356W	RAPID	5	1	4	4	6.708	
	6	CLEAR	CLEAR	F182M	F277W	RAPID	5	1	4	4	6.708	
	7	CLEAR	CLEAR	F210M	F444W	RAPID	5	1	4	4	6.708	
	8	CLEAR	CLEAR	F070W	F250M	RAPID	3	2	8	4	8.957	
	9	CLEAR	CLEAR	F090W	F300M	RAPID	4	2	8	4	11.187	
	10	CLEAR	CLEAR	F115W	F335M	RAPID	5	1	4	4	6.708	
	11	CLEAR	CLEAR	F150W	F410M	RAPID	5	1	4	4	6.708	
	12	CLEAR	CLEAR	F200W	F430M	RAPID	5	1	4	4	6.708	
	13	CLEAR	CLEAR	F150W2	F322W2	RAPID	3	2	8	4	8.957	

Proposal 6605 - Observation 4 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

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Observation	Proposal 6605, Observation 4: NIRCcam Imaging Sub160P Module A - LW Diagnostic Status: Warning Observing Template: NIRCcam Engineering Imaging Comments: Part 1											
	(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)	GD71	RA: 05 52 27.6197 (88.1150821d) Dec: +15 53 13.23 (15.88701d) Equinox: J2000			Proper Motion RA: 76.841 mas/yr Proper Motion Dec: -172.944 mas/yr Parallax: 0.019245" Epoch of Position: 2000.0						
Comments: Coordinates from Gaia DR2 Category=Star Description=[White 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	F323N	F212N	F322W2	MEDIUM8	10	1	4	4	110.362	
	2	CLEAR	F405N	F187N	F444W	MEDIUM8	10	2	8	4	220.724	
	3	F164N	F466N	F150W2	F444W	MEDIUM8	8	3	12	4	264.212	
	4	CLEAR	F470N	F212N	F444W	MEDIUM8	9	3	12	4	297.649	
	5	CLEAR	CLEAR	F140M	F250M	BRIGHT2	5	1	4	4	12.281	
	6	F162M	CLEAR	F150W2	F300M	BRIGHT2	5	1	4	4	12.281	
	7	CLEAR	CLEAR	F182M	F335M	BRIGHT2	5	1	4	4	12.281	
	8	CLEAR	CLEAR	F210M	F360M	BRIGHT2	5	1	4	4	12.281	
	9	CLEAR	CLEAR	F070W	F410M	BRIGHT2	7	2	8	4	33.478	
	10	CLEAR	CLEAR	F182M	F430M	SHALLOW4	6	2	8	4	66.915	
	11	CLEAR	CLEAR	F200W	F460M	SHALLOW4	6	2	8	4	66.915	
	12	F164N	CLEAR	F150W2	F480M	SHALLOW4	6	2	8	4	66.915	
	13	CLEAR	CLEAR	F187N	F277W	RAPID	5	1	4	4	6.708	
	14	CLEAR	CLEAR	F212N	F356W	RAPID	5	1	4	4	6.708	
	15	CLEAR	CLEAR	F210M	F444W	RAPID	8	2	8	4	20.103	
	16	CLEAR	CLEAR	F212N	F322W2	RAPID	5	1	4	4	6.708	

Proposal 6605 - Observation 4 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Special Requirements

Offset -1.2 arcsec, 2.5 arcsec

Proposal 6605 - Observation 12 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

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Observation	<p>Proposal 6605, Observation 12: GD71 NIRSPEC PRISM</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSPEC Fixed Slit Spectroscopy</p>											
Diagnostics	(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(1)	GD71	RA: 05 52 27.6197 (88.1150821d) Dec: +15 53 13.23 (15.88701d) Equinox: J2000			Proper Motion RA: 76.841 mas/yr Proper Motion Dec: -172.944 mas/yr Parallax: 0.019245" Epoch of Position: 2000.0						
	<i>Comments: Coordinates from Gaia DR2</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i>											
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	SAME	WATA	SUB32	F110W	NRSRAPIDD6	3	1	1	0.26	188149.18	
Template	HFF Readout Mode				Slit			Subarray				
	false				S1600A1			SUB512				
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern				
	1	5						NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	PRISM/CLEAR	S1600A1	NRSRAPID	22	16	1	NONE	5	80	417.773	188149.19

Proposal 6605 - Observation 5 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

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Observation	Proposal 6605, Observation 5: NIRCam Imaging FULL Module B Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging <i>Comments: Part 1</i>											
	(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)	WDFS0122-30	RA: 01 22 0.7252 (20.5030217d) Dec: -30 52 3.95 (-30.86776d) Equinox: J2000		Proper Motion RA: 20.621 mas/yr Proper Motion Dec: -12.303 mas/yr Parallax: 0.00163" Epoch of Position: 2016							
<i>Comments: Category=Star Description=[White dwarfs] Extended=NO</i>												
Template	Module		Subarray				No. of Output Channels					
	B		FULLP				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	CLEAR	F070W	F277W	BRIGHT2	6	1	4	4	515.365	
	2	CLEAR	CLEAR	F090W	F356W	BRIGHT2	5	2	8	4	901.889	
	3	CLEAR	CLEAR	F115W	F444W	BRIGHT2	7	3	12	4	1889.672	
	4	CLEAR	CLEAR	F150W	F250M	SHALLOW4	5	2	8	4	2104.407	
	5	CLEAR	CLEAR	F200W	F480M	SHALLOW4	14	5	20	4	14988.531	

Proposal 6605 - Observation 105 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

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Observation	Proposal 6605, Observation 105: NIRCcam Imaging FULL Module B Diagnostic Status: Warning Observing Template: NIRCcam Engineering Imaging <i>Comments: Part 1</i> <i>Repeat of skipped visit 5:1.</i>											
	(Visit 105:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Diagnosics												
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(2)	WDFS0122-30	RA: 01 22 0.7252 (20.5030217d) Dec: -30 52 3.95 (-30.86776d) Equinox: J2000			Proper Motion RA: 20.621 mas/yr Proper Motion Dec: -12.303 mas/yr Parallax: 0.00163" Epoch of Position: 2016						
<i>Comments:</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i>												
Template	Module	Subarray				No. of Output Channels						
	B	FULLP				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	CLEAR	F070W	F277W	BRIGHT2	6	1	4	4	515.365	
	2	CLEAR	CLEAR	F090W	F356W	BRIGHT2	5	2	8	4	901.889	
	3	CLEAR	CLEAR	F115W	F444W	BRIGHT2	7	3	12	4	1889.672	
	4	CLEAR	CLEAR	F150W	F250M	SHALLOW4	5	2	8	4	2104.407	
	5	CLEAR	CLEAR	F200W	F480M	SHALLOW4	14	5	20	4	14988.531	

Proposal 6605 - Observation 10 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

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Observation	<p>Proposal 6605, Observation 10: NIRISS Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Imaging</p>									
Diagnostics	(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous		
	(2)	WDFS0122-30	RA: 01 22 0.7252 (20.5030217d) Dec: -30 52 3.95 (-30.86776d) Equinox: J2000		Proper Motion RA: 20.621 mas/yr Proper Motion Dec: -12.303 mas/yr Parallax: 0.00163" Epoch of Position: 2016					
	<p><i>Comments:</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i></p>									
Dithers	#	Image Dithers				Pattern Size				
	1	4				LARGE				
Spectral Elements	#	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	F090W		NISRAPID	2	1	4	4	128.841	
	2	F115W		NISRAPID	2	1	4	4	128.841	
	3	F140M		NISRAPID	5	1	4	4	257.682	
	4	F150W		NISRAPID	2	2	4	8	257.682	
	5	F158M		NISRAPID	5	1	4	4	257.682	
	6	F200W		NISRAPID	4	1	4	4	214.735	
	7	F277W		NISRAPID	7	1	4	4	343.577	
	8	F356W		NISRAPID	12	1	4	4	558.312	
	9	F380M		NISRAPID	15	6	4	24	4122.92	
	10	F430M		NISRAPID	18	9	4	36	7343.951	
	11	F444W		NISRAPID	15	2	4	8	1374.307	
	12	F480M		NISRAPID	20	6	4	24	5411.332	
	13	F480M		NISRAPID	20	6	4	24	5411.332	

Proposal 6605 - Observation 13 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

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Observation	<p>Proposal 6605, Observation 13: NIRSPEC Prism Diagnostic Status: Warning Observing Template: NIRSPEC Fixed Slit Spectroscopy</p>										
Diagnostics	(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(2)	WDFS0122-30	RA: 01 22 0.7252 (20.5030217d) Dec: -30 52 3.95 (-30.86776d) Equinox: J2000			Proper Motion RA: 20.621 mas/yr Proper Motion Dec: -12.303 mas/yr Parallax: 0.00163" Epoch of Position: 2016					
	<p><i>Comments:</i> Category=Star Description=[White dwarfs] Extended=NO</p>										
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	SAME	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	187522.21
Template	HFF Readout Mode				Slit			Subarray			
	false				S1600A1			SUB2048			
Dithers	#	Primary Dither Positions					Sub-Pixel Pattern				
	1	5					NONE				
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	S1600A1	NRSRAPID	752	1 1	NONE	5	5	3396.132	187522.01

Proposal 6605 - Observation 6 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Mon Aug 04 19:00:11 GMT 2025

Observation	Proposal 6605, Observation 6: NIRCam Imaging FULL Module B Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging <i>Comments: Part 1</i>											
	(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)	WFDS0458-56	RA: 04 58 23.1332 (74.5963883d) Dec: -56 37 33.43 (-56.62595d) Equinox: J2000			Proper Motion RA: 143.596 mas/yr Proper Motion Dec: 66.486 mas/yr Parallax: 0.00202" Epoch of Position: 2016						
<i>Comments: Category=Star Description=[White dwarfs] Extended=NO</i>												
Template	Module		Subarray				No. of Output Channels					
	B		FULLP				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	CLEAR	F070W	F277W	RAPID	7	1	4	4	300.63	
	2	CLEAR	CLEAR	F090W	F356W	RAPID	5	2	8	4	472.418	
	3	CLEAR	CLEAR	F115W	F444W	RAPID	6	2	8	4	558.312	
	4	CLEAR	CLEAR	F150W	F250M	BRIGHT2	5	2	8	4	901.889	
	5	CLEAR	CLEAR	F200W	F480M	SHALLOW4	7	4	16	4	5969.644	

Proposal 6605 - Observation 14 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

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Observation	<p>Proposal 6605, Observation 14: NIRSPEC Prism</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSPEC Fixed Slit Spectroscopy</p>										
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		
	(3)	WFDS0458-56	RA: 04 58 23.1332 (74.5963883d) Dec: -56 37 33.43 (-56.62595d) Equinox: J2000			Proper Motion RA: 143.596 mas/yr Proper Motion Dec: 66.486 mas/yr Parallax: 0.00202" Epoch of Position: 2016					
	<p><i>Comments:</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i></p>										
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	SAME	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	187522.22
Template	HFF Readout Mode				Slit			Subarray			
	false				S1600A1			SUB2048			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	S1600A1	NRSRAPID	752	1 1	NONE	5	5	3396.132	187522.02

Proposal 6605 - Observation 9 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Mon Aug 04 19:00:11 GMT 2025

Observation	Proposal 6605, Observation 9: NIRCam Imaging FULL Module A Diagnostic Status: Warning Observing Template: NIRCam Engineering Imaging Comments: Part 1											
	(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(4)	WDFS2317-29	RA: 23 17 20.2940 (349.3345583d) Dec: -29 03 21.65 (-29.05601d) Equinox: J2000			Proper Motion RA: 3.991 mas/yr Proper Motion Dec: 25.051 mas/yr Parallax: 0.00209" Epoch of Position: 2016						
Comments: Category=Star Description=[White 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	CLEAR	F070W	F277W	BRIGHT2	5	1	4	4	429.471	
	2	CLEAR	CLEAR	F090W	F356W	BRIGHT2	7	1	4	4	601.259	
	3	CLEAR	CLEAR	F115W	F444W	BRIGHT2	8	2	8	4	1417.254	
	4	CLEAR	CLEAR	F150W	F250M	BRIGHT2	6	2	8	4	1073.677	
	5	CLEAR	CLEAR	F200W	F480M	SHALLOW4	12	4	16	4	10264.352	
Special Requirements	Offset 25.805112393032495 arcsec, -29.321251644759002 arcsec											

Proposal 6605 - Observation 11 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Mon Aug 04 19:00:11 GMT 2025

Observation	<p>Proposal 6605, Observation 11: NIRISS Imaging</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS External Calibration</p>					
Diagnostics	<p>(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p> <p>(Visit 11:2) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>					
Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	
	(4)	WDFS2317-29	RA: 23 17 20.2940 (349.3345583d) Dec: -29 03 21.65 (-29.05601d) Equinox: J2000	Proper Motion RA: 3.991 mas/yr Proper Motion Dec: 25.051 mas/yr Parallax: 0.00209" Epoch of Position: 2016		
	<p><i>Comments:</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i></p>					
Acquisition	#	Target				
	1	NONE				
Template	Pointing Type					
	PRIME					
Dithers	#	Pattern Type	Image Dithers	Primary Dithers	Subpixel Positions	Pattern Size
	1	IMAGING	4			

Proposal 6605 - Observation 11 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

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	SUB256	DEFAULT APERTURE	CLEAR	F090W	NISRAPID	5	3	4	12	50.029	
	2	SUB256	DEFAULT APERTURE	CLEAR	F115W	NISRAPID	8	3	4	12	74.921	
	3	FULL	DEFAULT APERTURE	CLEAR	F140M	NISRAPID	3	2	4	8	343.577	
	4	FULL	DEFAULT APERTURE	CLEAR	F150W	NISRAPID	2	2	4	8	257.682	
	5	FULL	DEFAULT APERTURE	CLEAR	F158M	NISRAPID	3	2	4	8	343.577	
	6	FULL	DEFAULT APERTURE	CLEAR	F200W	NISRAPID	4	1	4	4	214.735	
	7	FULL	DEFAULT APERTURE	F277W	CLEARP	NISRAPID	5	1	4	4	257.682	
	8	FULL	DEFAULT APERTURE	F356W	CLEARP	NISRAPID	8	1	4	4	386.524	
	9	FULL	DEFAULT APERTURE	F444W	CLEARP	NISRAPID	10	2	4	8	944.836	
Special Requirements	Group Visits within 53.0 Days Visits Same PA											

Proposal 6605 - Observation 17 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Mon Aug 04 19:00:11 GMT 2025

Observation	<p>Proposal 6605, Observation 17: NIRSPEC Prism</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSPEC Fixed Slit Spectroscopy</p>										
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		
	(4)	WDFS2317-29	RA: 23 17 20.2940 (349.3345583d) Dec: -29 03 21.65 (-29.05601d) Equinox: J2000			Proper Motion RA: 3.991 mas/yr Proper Motion Dec: 25.051 mas/yr Parallax: 0.00209" Epoch of Position: 2016					
	<p><i>Comments:</i> <i>Category=Star</i> <i>Description=[White dwarfs]</i> <i>Extended=NO</i></p>										
Acquisition	#	Target	TA Method	Subarray	Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	SAME	WATA	SUB2048	CLEAR	NRSRAPID	3	1	1	3.628	187522.25
Template	HFF Readout Mode				Slit			Subarray			
	false				S1600A1			SUB2048			
Dithers	#	Primary Dither Positions						Sub-Pixel Pattern			
	1	5						NONE			
Spectral Elements	#	Grating/Filter	Slit	Readout Pattern	Groups/Int	Integrations/Ex #	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	PRISM/CLEAR	S1600A1	NRSRAPID	752	1 1	NONE	5	5	3396.132	187522.05

Proposal 6605 - Observation 18 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Mon Aug 04 19:00:11 GMT 2025

Observation	<p>Proposal 6605, Observation 18: FGS Imaging w/ G1 offset</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Imaging</p> <p><i>Comments: We want Guide Star N4E9000345 in Guider 1.</i></p>									
Diagnostics	(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous	
	(7)	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				
	<p><i>Comments: Position from Gaia EDR3</i></p> <p><i>Spectral Type: DA1.2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[White dwarfs]</i></p> <p><i>Extended=NO</i></p>									
Template	Module		Subarray			Target Placement				
	ALL		FULL			Module Gap				
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size	Subpixel Positions	
	1	NONE				STANDARD			2	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	F070W	F277W	RAPID	2	2	4	2	107.368	
Special Requirements	Offset -201.0 arcsec, -205.0 arcsec Guide Star ID N5IB049334 in Guider 1									

Proposal 6605 - Observation 19 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Mon Aug 04 19:00:11 GMT 2025

Observation	<p>Proposal 6605, Observation 19: FGS Imaging w/ G2 offset</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Imaging</p> <p><i>Comments: We want Guide Star N4E9000345 in Guider 2.</i></p>									
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	
	(7)	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				
	<p><i>Comments: Position from Gaia EDR3</i></p> <p><i>Spectral Type: DA1.2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[White dwarfs]</i></p> <p><i>Extended=NO</i></p>									
Template	Module		Subarray			Target Placement				
	ALL		FULL			Module Gap				
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size	Subpixel Positions	
	1	NONE				STANDARD			2	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	F070W	F277W	RAPID	2	2	4	2	107.368	
Special Requirements	Offset -25.0 arcsec, -205.0 arcsec Guide Star ID N5IB049334 in Guider 2									

Proposal 6605 - Observation 118 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Mon Aug 04 19:00:11 GMT 2025

Observation	<p>Proposal 6605, Observation 118: FGS Imaging w/ G1 offset</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Imaging</p> <p><i>Comments: We want Guide Star N4E9000345 in Guider 1.</i></p>									
Diagnostics	(Visit 118:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous	
	(7)	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				
	<p><i>Comments: Position from Gaia EDR3</i></p> <p><i>Spectral Type: DA1.2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[White dwarfs]</i></p> <p><i>Extended=NO</i></p>									
Template	Module		Subarray			Target Placement				
	ALL		FULL			Module Gap				
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size	Subpixel Positions	
	1	NONE				STANDARD			2	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	F070W	F277W	RAPID	2	2	4	2	107.368	
Special Requirements	Offset -201.0 arcsec, -205.0 arcsec Guide Star ID N5IB015244 in Guider 1 Guide Star Limits 13.5 - 18.0									

Proposal 6605 - Observation 120 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Mon Aug 04 19:00:11 GMT 2025

Observation	<p>Proposal 6605, Observation 120: FGS Imaging w/ G1 offset</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Imaging</p> <p><i>Comments: We want Guide Star N4E9000345 in Guider 1. WOPR copy of visit 118:1</i></p>									
Diagnostics	(Visit 120:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous	
	(7)	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				
	<p><i>Comments: Position from Gaia EDR3</i></p> <p><i>Spectral Type: DA1.2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[White dwarfs]</i></p> <p><i>Extended=NO</i></p>									
Template	Module		Subarray			Target Placement				
	ALL		FULL			Module Gap				
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size	Subpixel Positions	
	1	NONE				STANDARD			2	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	F070W	F277W	RAPID	2	2	4	2	107.368	
Special Requirements	<p>Offset -201.0 arcsec, -205.0 arcsec</p> <p>Guide Star ID N5IB015244 in Guider 1</p> <p>Guide Star Limits 13.5 - 18.0</p>									

Proposal 6605 - Observation 119 - CAL-XCAL-302: Absolute Flux Calibration (Hot Stars)

Mon Aug 04 19:00:11 GMT 2025

Observation	<p>Proposal 6605, Observation 119: FGS Imaging w/ G2 offset</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRCcam Imaging</p> <p><i>Comments: We want Guide Star N4E9000345 in Guider 2.</i></p>									
Diagnostics	(Visit 119:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous	
	(7)	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				
	<p><i>Comments: Position from Gaia EDR3</i></p> <p><i>Spectral Type: DA1.2</i></p> <p><i>Category=Star</i></p> <p><i>Description=[White dwarfs]</i></p> <p><i>Extended=NO</i></p>									
Template	Module		Subarray			Target Placement				
	ALL		FULL			Module Gap				
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size	Subpixel Positions	
	1	NONE				STANDARD			2	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	F070W	F277W	RAPID	2	2	4	2	107.368	
Special Requirements	Offset -25.0 arcsec, -205.0 arcsec Guide Star ID N5IB015244 in Guider 2 Guide Star Limits 13.5 - 18.0									