



1208 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Cycle: 1, Proposal Category: GTO

INVESTIGATORS

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
Abell370 NIRISS Prime				
	20	NIRISS Abell370 part 1	NIRISS Wide Field Slitless Spectroscopy	(1) ABELL370

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	21	NIRISS Abell370 part 2	NIRISS Wide Field Slitless Spectroscopy	(1) ABELL370
	22	NIRISS Abell370 part 3	NIRISS Wide Field Slitless Spectroscopy	(1) ABELL370
MACSJ0416 NIRISS Prime				
	23	NIRISS MACSJ0416 part 1	NIRISS Wide Field Slitless Spectroscopy	(2) MACSJ0416.1-2403
	24	NIRISS MACSJ0416 part 2	NIRISS Wide Field Slitless Spectroscopy	(2) MACSJ0416.1-2403
	25	NIRISS MACSJ0416 part 3	NIRISS Wide Field Slitless Spectroscopy	(2) MACSJ0416.1-2403
MACSJ0417 NIRISS Prime				
	26	NIRISS MACSJ0417 part 1	NIRISS Wide Field Slitless Spectroscopy	(3) MACSJ0417.5-1154
	27	NIRISS MACSJ0417 part 2	NIRISS Wide Field Slitless Spectroscopy	(3) MACSJ0417.5-1154
	28	NIRISS MACSJ0417 part 3	NIRISS Wide Field Slitless Spectroscopy	(3) MACSJ0417.5-1154
MACSJ1149 NIRISS Prime				
	29	NIRISS MACSJ1149 part 1	NIRISS Wide Field Slitless Spectroscopy	(4) MACSJ1149+2223
	30	NIRISS MACSJ1149 part 2	NIRISS Wide Field Slitless Spectroscopy	(4) MACSJ1149+2223
	31	NIRISS MACSJ1149 part 3	NIRISS Wide Field Slitless Spectroscopy	(4) MACSJ1149+2223
MACSJ1423 NIRISS Prime				
	32	NIRISS MACSJ1423 part 1	NIRISS Wide Field Slitless Spectroscopy	(5) MACSJ1423.8+2404
	33	NIRISS MACSJ1423 part 2	NIRISS Wide Field Slitless Spectroscopy	(5) MACSJ1423.8+2404
	34	NIRISS MACSJ1423 part 3	NIRISS Wide Field Slitless Spectroscopy	(5) MACSJ1423.8+2404
Abell370 NIRCams Prime				
	2	NIRCams Abell370	NIRCams Imaging	(1) ABELL370
MACSJ0416 NIRCams Prime				
	4	NIRCams MACSJ0416	NIRCams Imaging	(2) MACSJ0416.1-2403

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<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
MACSJ0417 NIRCam Prime				
	6	NIRCam MACSJ0417	NIRCam Imaging	(3) MACSJ0417.5-1154
MACSJ1149 NIRCam Prime				
	8	NIRCam MACSJ1149	NIRCam Imaging	(4) MACSJ1149+2223
MACSJ1423 NIRCam Prime				
	10	NIRCam MACSJ1423	NIRCam Imaging	(5) MACSJ1423.8+2404
Abell 370 NIRSpec				
	46	abell370msa	NIRSpec MultiObject Spectroscopy	(11) TINYCATA370
MACSJ0416 NIRSpec				
	47	macs0416msa	NIRSpec MultiObject Spectroscopy	(12) TINYCATM0416
MACSJ0417 NIRSpec				
	48	config 1, config 2	NIRSpec MultiObject Spectroscopy	(65) MACS0417-CLU-NIRSPEC-TARGETS-V0
	64	config 3	NIRSpec MultiObject Spectroscopy	(66) MACS0417-NCF-NIRSPEC-TARGETS-V0
MACSJ1149 NIRSpec				
	49	macs1149msa	NIRSpec MultiObject Spectroscopy	(41) TINYCATM1149
MACSJ1423 NIRSpec				
	50	macs1423msa	NIRSpec MultiObject Spectroscopy	(51) TINYCATM1423
MACSJ0416 NIRSpec IFU				
	62	IFU observation of MACSJ0416-Y1	NIRSpec IFU Spectroscopy	(62) MACSJ0416-Y1

ABSTRACT

CANUCS is a JWST spectroscopy and imaging survey of massive galaxy cluster and parallel fields using the NIRISS low-resolution grisms, NIRCam imaging and NIRSpec multi-object spectroscopy. The primary goal is to understand the evolution of low mass galaxies across cosmic time. The resolved emission line maps and line ratios for many galaxies, some at resolution of 100pc, will enable determining the spatial distribution of star formation, dust and metals. Other science goals include the detection and characterization of galaxies within the reionization epoch, using multiply-imaged lensed galaxies to constrain cluster mass distributions and dark matter substructure, and understanding star-formation suppression and morphological transformation in the most massive galaxy clusters. This APT file also contains a NIRSpec GTO team IFU observation of a star-forming galaxy behind the cluster MACS J0416.1-2403.

OBSERVING DESCRIPTION

The CANUCS program has three distinct observations per target field:

1. NIRISS Wide-Field Slitless Spectroscopy (WFSS) on the cluster field with NIRCcam Imaging on a parallel field.

Observations 20,21,22,23,24,25,26,27,28,29,30,31,32,33,34

Both grisms, GR150R and GR150C, are used with 3 filters, F115W, F150W and F200W. A large-sized 8 point dither pattern is executed for each grism+filter combination to carry out a deep slitless observation of the cluster core. A parallel field NIRCcam survey is carried out using a range of W and M filters. The WFSS sequence with F115W+GR150R is split into two 4 point dither patterns with an offset to mimic the 8 point pattern, to allow two sets of NIRCcam filters to be used in parallel for a total of 14 NIRCcam filters. For MACSJ1149 only, the NIRISS grism exposures are split into $N_g=14$, $N_{int}=2$ to decrease saturation and persistence by bright stars.

2. NIRCcam Imaging on the cluster field with NIRISS WFSS on a parallel field.

Observations 2,4,6,8,10

One NIRCcam module is pointed slightly offset from the NIRISS cluster pointing, using a 6 point INTRAMODULEX dither pattern, to cover a field slightly larger than the NIRISS field to allow the detection of sources outside the NIRISS field whose dispersed spectra will fall on the NIRISS detector. The NIRISS WFSS parallels use the F115W filter with both grisms and the F150W and F200W with only one grism. We understand observing with one grism in these 2 filters will lead to a higher fraction of targets affected by spectral contamination.

3. NIRSpec Multi-Object R=100 Spectroscopy on the cluster field.

Observations 46,47,48,49,50

The NIRSpec multi-object spectroscopy of each field will be targeted with a combination of known sources from existing imaging (HST, MUSE, ALMA, Subaru, etc.) and from NIRCcam pre-imaging obtained in this program (2. above). High-priority targets are galaxies for which NIRISS will not yield a redshift due to either contamination or a redshift with no emission lines in the NIRISS wavelength range ($5 < z < 7.3$) and very high-redshift and multiply-imaged lensed galaxies, some of which are already known based on existing imaging. The catalogs and MSA configurations in this APT file are therefore just placeholders to be changed when the NIRCcam pre-imaging is obtained and processed. A tiny catalog file is used for

the MPT because of the slowness of loading MSA configurations from large catalogs. Larger catalogs of known sources are included in the APT file, but not used in these placeholder MSA configurations.

ORIENT, background and schedule constraints:

We require at least 60 days between the NIRCам pre-imaging and NIRSpec observations to allow for data processing, analysis and target selection. All five target fields have two visibility windows in the cycle. For some targets, orientation special requirements have been set to align the parallel fields with existing HST data. In some cases the NIRCам pre-imaging is only possible in the second visibility window of cycle 1, potentially meaning the NIRSpec followup slips into cycle 2. We understand that some cycle 1 observations will necessarily slip into cycle 2 for efficient scheduling.

Due to the equal fields-of-view of NIRISS and one NIRCам module, any rotation between the NIRCам and NIRISS prime observations of the cluster field will cause a gap in simultaneous coverage, which is bad for our science that requires data from both instruments. Therefore we request the NIRISS and NIRCам observations at the same ORIENT (we note observing them sequentially would also be efficient for telescope operations, but is not essential). There are ORIENT constraints on the NIRCам+NIRISS observations due to the elongation of the cluster, alignment of parallels with existing data and/or contamination by very bright stars that would affect data quality.

We have analysed whether the observations are background-limited and should require the setting of a "Background Limited" special requirement following the procedure outlined on JDOX. All of the NIRISS and NIRCам observations are background limited and we set this special requirement with a limit of "Background no more than 20% above minimum". The windows of observable dates for each pair of NIRCам+NIRISS observations are in the range 8 to 20 days.

For the NIRSpec MSA follow-up observations only the two fields near the ecliptic, Abell370 and MACSJ1149, require the setting of a "Background Limited" special requirement. In this case we opt for a limit of "Background no more than 40% above minimum" so that the visibility windows are not too small. There are no ORIENT constraints on the NIRSpec MSA observations.

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This APT file also contains a NIRSpec GTO Team IFU observation of a galaxy behind the MACS J0416.1-2403 cluster:

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Observation 62

Target Y1 is a $z = 8.3118 \pm 0.0003$ galaxy

NIRSpec GTO IFU contact is Roberto Maiolino.

No TA is used as there are Gaia GS to obtain a pointing accurate enough for our purposes.

NRSIRS2RAPID is selected for the shorter prism observations for optimal identification and removal of cosmic rays.

NRSIRS2 is selected for the longer grating observations to ensure we do not exceed the allowed data rate.

The PA constraints are selected to avoid the MSA to fall on some bright stars and cluster galaxies.

Dither Cycling Medium 8 first positions

R2700 deep integrations (5h) in Band 3

R100 (1h) + 1 leakage position

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#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	ABELL370	RA: 02 39 54.0850 (39.9753542d) Dec: -01 34 33.76 (-1.57604d) Equinox: J2000		
<i>Comments:</i> Category=Clusters of Galaxies Description=[Abell clusters, Rich clusters] Extended=YES				
(2)	MACSJ0416.1-2403	RA: 04 16 9.3700 (64.0390417d) Dec: -24 04 20.50 (-24.07236d) Equinox: J2000		
<i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES				
(3)	MACSJ0417.5-1154	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000		
<i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES				
(4)	MACSJ1149+2223	RA: 11 49 35.8500 (177.3993750d) Dec: +22 23 53.78 (22.39827d) Equinox: J2000		
<i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES				
(5)	MACSJ1423.8+2404	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000		
<i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES				
(11)	TINYCATA370	RA: 02 39 52.5000 (39.9687500d) Dec: -01 34 54.00 (-1.58167d) Equinox: J2000		
<i>Comments:</i> This target was generated automatically for MSA Observation 46 Description=[]				
(12)	TINYCATM0416	RA: 04 16 10.3490 (64.0431208d) Dec: -24 05 39.63 (-24.09434d) Equinox: J2000		
<i>Comments:</i> This target was generated automatically for MSA Observation 47 Description=[]				
(21)	ABELL370CAT	RA: 02 39 53.6291 (39.9734546d) Dec: -01 34 42.30 (-1.57842d) Equinox: J2000		
<i>Comments:</i> Description=[]				

Fixed Targets

Proposal 1208 - Targets - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

(22)	MACSJ0416	RA: 04 16 9.3550 (64.0389792d) Dec: -24 04 25.81 (-24.07384d) Equinox: J2000
<i>Comments:</i> Description=[]		
(31)	TINYCATM0417	RA: 04 17 36.8233 (64.4034304d) Dec: -11 54 38.86 (-11.91079d) Equinox: J2000
<i>Comments: This target was generated automatically for MSA Observation 48</i> Description=[]		
(32)	MACSJ0417	RA: 04 17 34.1185 (64.3921604d) Dec: -11 54 24.85 (-11.90690d) Equinox: J2000
<i>Comments:</i> Description=[]		
(41)	TINYCATM1149	RA: 11 49 33.5800 (177.3899167d) Dec: +22 24 34.20 (22.40950d) Equinox: J2000
<i>Comments: This target was generated automatically for MSA Observation 49</i> Description=[]		
(42)	MACSJ1149	RA: 11 49 36.1853 (177.4007721d) Dec: +22 23 50.51 (22.39736d) Equinox: J2000
<i>Comments:</i> Description=[]		
(51)	TINYCATM1423	RA: 14 23 44.6090 (215.9358708d) Dec: +24 04 22.88 (24.07302d) Equinox: J2000
<i>Comments: This target was generated automatically for MSA Observation 50</i> Description=[]		
(52)	MACSJ1423	RA: 14 23 47.9776 (215.9499067d) Dec: +24 04 43.74 (24.07882d) Equinox: J2000
<i>Comments:</i> Description=[]		
(62)	MACSJ0416-Y1	RA: 04 16 9.4230 (64.0392625d) Dec: -24 05 35.50 (-24.09319d) Equinox: J2000
<i>Comments: Coordinates are from Tamura+19 for the ALMA 850-mu continuum. This seems slightly shifted (by 0.15") with respect to the center of the HST F160W and ALMA [OIII]-88mu emission.</i> Category=Galaxy Description=[Lyman-alpha galaxies, Primordial galaxies] Extended=YES		
(65)	MACS0417-CLU-NIRSPEC-TARGETS-V0	RA: 04 17 35.8089 (64.3992037d) Dec: -11 54 15.03 (-11.90418d) Equinox: J2000
<i>Comments:</i> Description=[]		

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(66)	MACS0417-NCF-NIRSPEC- TARGETS-V0	RA: 04 17 29.1233 (64.3713471d) Dec: -11 49 31.87 (-11.82552d) Equinox: J2000
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Comments:
Description=[]

Proposal 1208 - Observation 20 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	Proposal 1208, Observation 20: NIRISS Abell370 part 1 Diagnostic Status: Warning Observing Template: NIRISS Wide Field Slitless Spectroscopy Coordinated Parallel Template(s): NIRCам Imaging											
	(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous		
	(1)	ABELL370	RA: 02 39 54.0850 (39.9753542d) Dec: -01 34 33.76 (-1.57604d) Equinox: J2000 <i>Comments:</i> Category=Clusters of Galaxies Description=[Abell clusters, Rich clusters] Extended=YES									
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCам Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers				Pattern Size						
	1	8				LARGE						
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	3	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	4	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	5	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	6	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	7	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	8	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	9	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	10	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	

Proposal 1208 - Observation 20 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	GRISM	F200W	GR150C	NIS	28	1	8	8	9706.04	
	2	GRISM	F200W	GR150R	NIS	28	1	8	8	9706.04	
	3	GRISM	F150W	GR150C	NIS	28	1	8	8	9706.04	
	4	GRISM	F150W	GR150R	NIS	28	1	8	8	9706.04	
	5	GRISM	F115W	GR150C	NIS	28	1	8	8	9706.04	
Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1	F090W	F360M	MEDIUM8	5	1	1	1	515.365		
	2	F090W	F360M	DEEP8	6	1	8	8	9276.569		
	3	F090W	F360M	MEDIUM8	5	1	1	1	515.365		
	4	F115W	F410M	MEDIUM8	5	1	1	1	515.365		
	5	F115W	F410M	DEEP8	6	1	8	8	9276.569		
	6	F115W	F410M	MEDIUM8	5	1	1	1	515.365		
	7	F150W	F444W	MEDIUM8	5	1	1	1	515.365		
	8	F150W	F444W	DEEP8	6	1	8	8	9276.569		
	9	F150W	F444W	MEDIUM8	5	1	1	1	515.365		
	10	F210M	F277W	MEDIUM8	5	1	1	1	515.365		
	11	F210M	F277W	DEEP8	6	1	8	8	9276.569		
	12	F210M	F277W	MEDIUM8	5	1	1	1	515.365		
	13	F182M	F335M	MEDIUM8	5	1	1	1	515.365		
	14	F182M	F335M	DEEP8	6	1	8	8	9276.569		
	15	F182M	F335M	MEDIUM8	5	1	1	1	515.365		
Special Requirements	No Parallel Attachments										
	Background Limited. Background no more than 20th percentile above minimum										
	Group Observations 2, 20, 21, 22 within 20 Days Same V3 PA 2, 20, 21, 22 (Aperture PAs differ)										

Proposal 1208 - Observation 21 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	Proposal 1208, Observation 21: NIRISS Abell370 part 2 Diagnostic Status: Warning Observing Template: NIRISS Wide Field Slitless Spectroscopy Coordinated Parallel Template(s): NIRCcam Imaging											
	(NIRISS Abell370 part 2 (Obs 21)) Warning (Form): Use of only one of GR150R or GR150C may result in spectral overlap from multiple sources that can't be corrected. Users should address this issue in their proposal text. (Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous		
	(1)	ABELL370	RA: 02 39 54.0850 (39.9753542d) Dec: -01 34 33.76 (-1.57604d) Equinox: J2000									
<i>Comments:</i> Category=Clusters of Galaxies Description=[Abell clusters, Rich clusters] Extended=YES												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCcam Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers						Pattern Size				
	1	4						LARGE				
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	GRISM	F115W	GR150R	NIS	28	1	4	4	4853.02		

Proposal 1208 - Observation 21 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1		F140M	F300M	MEDIUM8	5	1	1	1	515.365	
	2		F140M	F300M	DEEP8	6	1	4	4	4638.285	
	3		F140M	F300M	MEDIUM8	5	1	1	1	515.365	
Special Requirements	No Parallel Attachments Background Limited. Background no more than 20th percentile above minimum										
	Group Observations 2, 20, 21, 22 within 20 Days Same V3 PA 2, 20, 21, 22 (Aperture PAs differ)										

Proposal 1208 - Observation 22 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	Proposal 1208, Observation 22: NIRISS Abell370 part 3 Diagnostic Status: Warning Observing Template: NIRISS Wide Field Slitless Spectroscopy Coordinated Parallel Template(s): NIRCам Imaging											
	(NIRISS Abell370 part 3 (Obs 22)) Warning (Form): Use of only one of GR150R or GR150C may result in spectral overlap from multiple sources that can't be corrected. Users should address this issue in their proposal text. (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)	ABELL370	RA: 02 39 54.0850 (39.9753542d) Dec: -01 34 33.76 (-1.57604d) Equinox: J2000									
<i>Comments:</i> Category=Clusters of Galaxies Description=[Abell clusters, Rich clusters] Extended=YES												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCам Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers						Pattern Size				
	1	4						LARGE				
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	GRISM	F115W	GR150R	NIS	28	1	4	4	4853.02		

Proposal 1208 - Observation 22 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1		F162M+F150W2	F250M	MEDIUM8	5	1	1	1	515.365	
	2		F162M+F150W2	F250M	DEEP8	6	1	4	4	4638.285	
	3		F162M+F150W2	F250M	MEDIUM8	5	1	1	1	515.365	
Special Requirements	Offset -0.2616 arcsec, -0.1316 arcsec No Parallel Attachments Background Limited. Background no more than 20th percentile above minimum Group Observations 2, 20, 21, 22 within 20 Days Same V3 PA 2, 20, 21, 22 (Aperture PAs differ)										

Proposal 1208 - Observation 23 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	Proposal 1208, Observation 23: NIRISS MACSJ0416 part 1 Diagnostic Status: Warning Observing Template: NIRISS Wide Field Slitless Spectroscopy Coordinated Parallel Template(s): NIRCам Imaging											
	(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(2)	MACSJ0416.1-2403	RA: 04 16 9.3700 (64.0390417d) Dec: -24 04 20.50 (-24.07236d) Equinox: J2000									
<i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCам Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers					Pattern Size					
	1	8					LARGE					
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	3	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	4	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	5	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	6	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	7	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	8	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	9	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	10	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	

Proposal 1208 - Observation 23 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	GRISM	F200W	GR150C	NIS	28	1	8	8	9706.04	
	2	GRISM	F200W	GR150R	NIS	28	1	8	8	9706.04	
	3	GRISM	F150W	GR150C	NIS	28	1	8	8	9706.04	
	4	GRISM	F150W	GR150R	NIS	28	1	8	8	9706.04	
	5	GRISM	F115W	GR150C	NIS	28	1	8	8	9706.04	
Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1	F090W	F360M	MEDIUM8	5	1	1	1	515.365		
	2	F090W	F360M	DEEP8	6	1	8	8	9276.569		
	3	F090W	F360M	MEDIUM8	5	1	1	1	515.365		
	4	F115W	F410M	MEDIUM8	5	1	1	1	515.365		
	5	F115W	F410M	DEEP8	6	1	8	8	9276.569		
	6	F115W	F410M	MEDIUM8	5	1	1	1	515.365		
	7	F150W	F444W	MEDIUM8	5	1	1	1	515.365		
	8	F150W	F444W	DEEP8	6	1	8	8	9276.569		
	9	F150W	F444W	MEDIUM8	5	1	1	1	515.365		
	10	F210M	F277W	MEDIUM8	5	1	1	1	515.365		
	11	F210M	F277W	DEEP8	6	1	8	8	9276.569		
	12	F210M	F277W	MEDIUM8	5	1	1	1	515.365		
	13	F182M	F335M	MEDIUM8	5	1	1	1	515.365		
	14	F182M	F335M	DEEP8	6	1	8	8	9276.569		
	15	F182M	F335M	MEDIUM8	5	1	1	1	515.365		
Special Requirements	No Parallel Attachments										
	Background Limited. Background no more than 20th percentile above minimum										
	Group Observations 4, 23, 24, 25 within 20 Days Same V3 PA 4, 23, 24, 25 (Aperture PAs differ)										

Proposal 1208 - Observation 24 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	Proposal 1208, Observation 24: NIRISS MACSJ0416 part 2 Diagnostic Status: Warning Observing Template: NIRISS Wide Field Slitless Spectroscopy Coordinated Parallel Template(s): NIRCам Imaging											
	(NIRISS MACSJ0416 part 2 (Obs 24)) Warning (Form): Use of only one of GR150R or GR150C may result in spectral overlap from multiple sources that can't be corrected. Users should address this issue in their proposal text. (Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous		
	(2)	MACSJ0416.1-2403	RA: 04 16 9.3700 (64.0390417d) Dec: -24 04 20.50 (-24.07236d) Equinox: J2000									
<i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCам Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers						Pattern Size				
	1	4						LARGE				
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	GRISM	F115W	GR150R	NIS	28	1	4	4	4853.02		

Proposal 1208 - Observation 24 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1		F140M	F300M	MEDIUM8	5	1	1	1	515.365	
	2		F140M	F300M	DEEP8	6	1	4	4	4638.285	
	3		F140M	F300M	MEDIUM8	5	1	1	1	515.365	
Special Requirements	No Parallel Attachments Background Limited. Background no more than 20th percentile above minimum										
	Group Observations 4, 23, 24, 25 within 20 Days Same V3 PA 4, 23, 24, 25 (Aperture PAs differ)										

Proposal 1208 - Observation 25 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	Proposal 1208, Observation 25: NIRISS MACSJ0416 part 3 Diagnostic Status: Warning Observing Template: NIRISS Wide Field Slitless Spectroscopy Coordinated Parallel Template(s): NIRCам Imaging											
	(NIRISS MACSJ0416 part 3 (Obs 25)) Warning (Form): Use of only one of GR150R or GR150C may result in spectral overlap from multiple sources that can't be corrected. Users should address this issue in their proposal text. (Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous		
	(2)	MACSJ0416.1-2403	RA: 04 16 9.3700 (64.0390417d) Dec: -24 04 20.50 (-24.07236d) Equinox: J2000									
<i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCам Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers						Pattern Size				
	1	4						LARGE				
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	GRISM	F115W	GR150R	NIS	28	1	4	4	4853.02		

Proposal 1208 - Observation 25 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1		F162M+F150W2	F250M	MEDIUM8	5	1	1	1	515.365	
	2		F162M+F150W2	F250M	DEEP8	6	1	4	4	4638.285	
	3		F162M+F150W2	F250M	MEDIUM8	5	1	1	1	515.365	
Special Requirements	Offset -0.2616 arcsec, -0.1316 arcsec No Parallel Attachments Background Limited. Background no more than 20th percentile above minimum Group Observations 4, 23, 24, 25 within 20 Days Same V3 PA 4, 23, 24, 25 (Aperture PAs differ)										

Proposal 1208 - Observation 26 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	Proposal 1208, Observation 26: NIRISS MACSJ0417 part 1 Diagnostic Status: Warning Observing Template: NIRISS Wide Field Slitless Spectroscopy Coordinated Parallel Template(s): NIRCam Imaging											
	(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(3)	MACSJ0417.5-1154	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000									
<i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCam Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers					Pattern Size					
	1	8					LARGE					
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	3	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	4	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	5	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	6	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	7	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	8	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	9	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	10	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	

Proposal 1208 - Observation 26 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	GRISM	F200W	GR150C	NIS	28	1	8	8	9706.04	
	2	GRISM	F200W	GR150R	NIS	28	1	8	8	9706.04	
	3	GRISM	F150W	GR150C	NIS	28	1	8	8	9706.04	
	4	GRISM	F150W	GR150R	NIS	28	1	8	8	9706.04	
	5	GRISM	F115W	GR150C	NIS	28	1	8	8	9706.04	
Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1	F090W	F360M	MEDIUM8	5	1	1	1	515.365		
	2	F090W	F360M	DEEP8	6	1	8	8	9276.569		
	3	F090W	F360M	MEDIUM8	5	1	1	1	515.365		
	4	F115W	F410M	MEDIUM8	5	1	1	1	515.365		
	5	F115W	F410M	DEEP8	6	1	8	8	9276.569		
	6	F115W	F410M	MEDIUM8	5	1	1	1	515.365		
	7	F150W	F444W	MEDIUM8	5	1	1	1	515.365		
	8	F150W	F444W	DEEP8	6	1	8	8	9276.569		
	9	F150W	F444W	MEDIUM8	5	1	1	1	515.365		
	10	F210M	F277W	MEDIUM8	5	1	1	1	515.365		
	11	F210M	F277W	DEEP8	6	1	8	8	9276.569		
	12	F210M	F277W	MEDIUM8	5	1	1	1	515.365		
	13	F182M	F335M	MEDIUM8	5	1	1	1	515.365		
	14	F182M	F335M	DEEP8	6	1	8	8	9276.569		
	15	F182M	F335M	MEDIUM8	5	1	1	1	515.365		
Special Requirements	No Parallel Attachments										
	Background Limited. Background no more than 30th percentile above minimum										
Group Observations 6, 26, 27, 28 within 20 Days											
Same V3 PA 6, 26, 27, 28 (Aperture PAs differ)											

Proposal 1208 - Observation 27 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	Proposal 1208, Observation 27: NIRISS MACSJ0417 part 2 Diagnostic Status: Warning Observing Template: NIRISS Wide Field Slitless Spectroscopy Coordinated Parallel Template(s): NIRCам Imaging											
	(NIRISS MACSJ0417 part 2 (Obs 27)) Warning (Form): Use of only one of GR150R or GR150C may result in spectral overlap from multiple sources that can't be corrected. Users should address this issue in their proposal text. (Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous		
	(3)	MACSJ0417.5-1154	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000									
<i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCам Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers						Pattern Size				
	1	4						LARGE				
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	GRISM	F115W	GR150R	NIS	28	1	4	4	4853.02		

Proposal 1208 - Observation 27 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1		F140M	F300M	MEDIUM8	5	1	1	1	515.365	
	2		F140M	F300M	DEEP8	6	1	4	4	4638.285	
	3		F140M	F300M	MEDIUM8	5	1	1	1	515.365	
Special Requirements	<p>No Parallel Attachments Background Limited. Background no more than 30th percentile above minimum</p> <p>Group Observations 6, 26, 27, 28 within 20 Days Same V3 PA 6, 26, 27, 28 (Aperture PAs differ)</p>										

Proposal 1208 - Observation 28 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	Proposal 1208, Observation 28: NIRISS MACSJ0417 part 3 Diagnostic Status: Warning Observing Template: NIRISS Wide Field Slitless Spectroscopy Coordinated Parallel Template(s): NIRCcam Imaging											
	(NIRISS MACSJ0417 part 3 (Obs 28)) Warning (Form): Use of only one of GR150R or GR150C may result in spectral overlap from multiple sources that can't be corrected. Users should address this issue in their proposal text. (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)	MACSJ0417.5-1154	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000									
<i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCcam Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers						Pattern Size				
	1	4						LARGE				
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	GRISM	F115W	GR150R	NIS	28	1	4	4	4853.02		

Proposal 1208 - Observation 28 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1		F162M+F150W2	F250M	MEDIUM8	5	1	1	1	515.365	
	2		F162M+F150W2	F250M	DEEP8	6	1	4	4	4638.285	
	3		F162M+F150W2	F250M	MEDIUM8	5	1	1	1	515.365	
Special Requirements	Offset -0.2616 arcsec, -0.1316 arcsec No Parallel Attachments Background Limited. Background no more than 30th percentile above minimum Group Observations 6, 26, 27, 28 within 20 Days Same V3 PA 6, 26, 27, 28 (Aperture PAs differ)										

Proposal 1208 - Observation 29 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	Proposal 1208, Observation 29: NIRISS MACSJ1149 part 1 Diagnostic Status: Warning Observing Template: NIRISS Wide Field Slitless Spectroscopy Coordinated Parallel Template(s): NIRCcam Imaging											
	(Visit 29:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous		
	(4)	MACSJ1149+2223	RA: 11 49 35.8500 (177.3993750d) Dec: +22 23 53.78 (22.39827d) Equinox: J2000									
<i>Comments:</i> <i>Category=Clusters of Galaxies</i> <i>Description=[Rich clusters]</i> <i>Extended=YES</i>												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCcam Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers						Pattern Size				
	1	8						LARGE				
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	3	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	4	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	5	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	6	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	7	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	8	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	9	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	10	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	

Proposal 1208 - Observation 29 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	GRISM	F200W	GR150C	NIS	14	2	8	16	9791.934	
	2	GRISM	F200W	GR150R	NIS	14	2	8	16	9791.934	
	3	GRISM	F150W	GR150C	NIS	14	2	8	16	9791.934	
	4	GRISM	F150W	GR150R	NIS	14	2	8	16	9791.934	
	5	GRISM	F115W	GR150C	NIS	14	2	8	16	9791.934	
Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1	F090W	F360M	MEDIUM8	5	1	1	1	515.365		
	2	F090W	F360M	DEEP8	6	1	8	8	9276.569		
	3	F090W	F360M	MEDIUM8	5	1	1	1	515.365		
	4	F115W	F410M	MEDIUM8	5	1	1	1	515.365		
	5	F115W	F410M	DEEP8	6	1	8	8	9276.569		
	6	F115W	F410M	MEDIUM8	5	1	1	1	515.365		
	7	F150W	F444W	MEDIUM8	5	1	1	1	515.365		
	8	F150W	F444W	DEEP8	6	1	8	8	9276.569		
	9	F150W	F444W	MEDIUM8	5	1	1	1	515.365		
	10	F210M	F277W	MEDIUM8	5	1	1	1	515.365		
	11	F210M	F277W	DEEP8	6	1	8	8	9276.569		
	12	F210M	F277W	MEDIUM8	5	1	1	1	515.365		
	13	F182M	F335M	MEDIUM8	5	1	1	1	515.365		
	14	F182M	F335M	DEEP8	6	1	8	8	9276.569		
	15	F182M	F335M	MEDIUM8	5	1	1	1	515.365		
Special Requirements	No Parallel Attachments										
	Background Limited. Background no more than 40th percentile above minimum										
	Group Observations 8, 29, 30, 31 within 20 Days Same V3 PA 8, 29, 30, 31 (Aperture PAs differ)										

Proposal 1208 - Observation 30 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	<p>Proposal 1208, Observation 30: NIRISS MACSJ1149 part 2</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Wide Field Slitless Spectroscopy</p> <p>Coordinated Parallel Template(s): NIRCcam Imaging</p>											
	<p>(NIRISS MACSJ1149 part 2 (Obs 30)) Warning (Form): Use of only one of GR150R or GR150C may result in spectral overlap from multiple sources that can't be corrected. Users should address this issue in their proposal text.</p> <p>(Visit 30:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p>											
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous		
	(4)	MACSJ1149+2223	RA: 11 49 35.8500 (177.3993750d) Dec: +22 23 53.78 (22.39827d) Equinox: J2000									
<p><i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES</p>												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCcam Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers					Pattern Size					
	1	4					LARGE					
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	GRISM	F115W	GR150R	NIS	28	1	4	4	4853.02		

Proposal 1208 - Observation 30 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1		F150W	F277W	MEDIUM8	5	1	1	1	515.365	
	2		F150W	F277W	DEEP8	6	1	4	4	4638.285	
	3		F150W	F277W	MEDIUM8	5	1	1	1	515.365	
Special Requirements	<p>No Parallel Attachments Background Limited. Background no more than 40th percentile above minimum</p> <p>Group Observations 8, 29, 30, 31 within 20 Days Same V3 PA 8, 29, 30, 31 (Aperture PAs differ)</p>										

Proposal 1208 - Observation 31 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	Proposal 1208, Observation 31: NIRISS MACSJ1149 part 3 Diagnostic Status: Warning Observing Template: NIRISS Wide Field Slitless Spectroscopy Coordinated Parallel Template(s): NIRCcam Imaging											
	(NIRISS MACSJ1149 part 3 (Obs 31)) Warning (Form): Use of only one of GR150R or GR150C may result in spectral overlap from multiple sources that can't be corrected. Users should address this issue in their proposal text. (Visit 31:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(4)	MACSJ1149+2223	RA: 11 49 35.8500 (177.3993750d) Dec: +22 23 53.78 (22.39827d) Equinox: J2000									
<i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCcam Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers						Pattern Size				
	1	4						LARGE				
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
	1	GRISM	F115W	GR150R	NIS	28	1	4	4	4853.02		

Proposal 1208 - Observation 31 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1		F182M	F335M	MEDIUM8	5	1	1	1	515.365	
	2		F182M	F335M	DEEP8	6	1	4	4	4638.285	
	3		F182M	F335M	MEDIUM8	5	1	1	1	515.365	
Special Requirements	Offset -0.2616 arcsec, -0.1316 arcsec No Parallel Attachments Background Limited. Background no more than 40th percentile above minimum Group Observations 8, 29, 30, 31 within 20 Days Same V3 PA 8, 29, 30, 31 (Aperture PAs differ)										

Proposal 1208 - Observation 32 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	<p>Proposal 1208, Observation 32: NIRISS MACSJ1423 part 1</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Wide Field Slitless Spectroscopy</p> <p>Coordinated Parallel Template(s): NIRCcam Imaging</p> <p><i>Comments: Strong preference for observation at the low end of the V3PA range, i.e. near V3PA=257</i></p>											
	<p>(Visit 32:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p> <p>(Visit 32:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.</p>											
Diagnosics												
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous		
	(5)	MACSJ1423.8+2404	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000									
<p><i>Comments:</i> Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES</p>												
Template	NIRISS Wide Field Slitless Spectroscopy						NIRCcam Imaging					
							Module: ALL Subarray: FULL					
Dithers	#	Image Dithers				Pattern Size						
	1	8				LARGE						
Direct Image	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	2	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	3	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	4	DIRECT	F200W		NIS	13	1	NO	1	1	569.049	
	5	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	6	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	7	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	8	DIRECT	F150W		NIS	13	1	NO	1	1	569.049	
	9	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	
	10	DIRECT	F115W		NIS	13	1	NO	1	1	569.049	

Proposal 1208 - Observation 32 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	GRISM	F200W	GR150C	NIS	28	1	8	8	9706.04	
	2	GRISM	F200W	GR150R	NIS	28	1	8	8	9706.04	
	3	GRISM	F150W	GR150C	NIS	28	1	8	8	9706.04	
	4	GRISM	F150W	GR150R	NIS	28	1	8	8	9706.04	
	5	GRISM	F115W	GR150C	NIS	28	1	8	8	9706.04	
Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1	F090W	F360M	MEDIUM8	5	1	1	1	515.365		
	2	F090W	F360M	DEEP8	6	1	8	8	9276.569		
	3	F090W	F360M	MEDIUM8	5	1	1	1	515.365		
	4	F115W	F410M	MEDIUM8	5	1	1	1	515.365		
	5	F115W	F410M	DEEP8	6	1	8	8	9276.569		
	6	F115W	F410M	MEDIUM8	5	1	1	1	515.365		
	7	F150W	F444W	MEDIUM8	5	1	1	1	515.365		
	8	F150W	F444W	DEEP8	6	1	8	8	9276.569		
	9	F150W	F444W	MEDIUM8	5	1	1	1	515.365		
	10	F210M	F277W	MEDIUM8	5	1	1	1	515.365		
	11	F210M	F277W	DEEP8	6	1	8	8	9276.569		
	12	F210M	F277W	MEDIUM8	5	1	1	1	515.365		
	13	F182M	F335M	MEDIUM8	5	1	1	1	515.365		
	14	F182M	F335M	DEEP8	6	1	8	8	9276.569		
	15	F182M	F335M	MEDIUM8	5	1	1	1	515.365		
Special Requirements	No Parallel Attachments										
	Background Limited. Background no more than 30th percentile above minimum										
	Group Observations 10, 32, 33, 34 within 20 Days Same V3 PA 10, 32, 33, 34 (Aperture PAs differ)										

Proposal 1208 - Observation 33 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	<p>Proposal 1208, Observation 33: NIRISS MACSJ1423 part 2</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Wide Field Slitless Spectroscopy</p> <p>Coordinated Parallel Template(s): NIRCam Imaging</p> <p><i>Comments: Strong preference for observation at the low end of the V3PA range, i.e. near V3PA=257</i></p>																																															
Diagnostics	<p>(NIRISS MACSJ1423 part 2 (Obs 33)) Warning (Form): Use of only one of GR150R or GR150C may result in spectral overlap from multiple sources that can't be corrected. Users should address this issue in their proposal text.</p> <p>(Visit 33:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p> <p>(Visit 33:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.</p>																																															
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>MACSJ1423.8+2404</td> <td>RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> <p><i>Comments: Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES</i></p>												#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(5)	MACSJ1423.8+2404	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000																												
#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																																												
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NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID																																					
1	DIRECT	F115W		NIS	13	1	NO	1	1	569.049																																						
2	DIRECT	F115W		NIS	13	1	NO	1	1	569.049																																						
Spectral Elements	<table border="1"> <thead> <tr> <th>NIRISS Wide Field Slitless Spectroscopy</th> <th>Exposure Type</th> <th>Filter</th> <th>Grism</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Dithers</th> <th>Total Integrations</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>GRISM</td> <td>F115W</td> <td>GR150R</td> <td>NIS</td> <td>28</td> <td>1</td> <td>4</td> <td>4</td> <td>4853.02</td> <td></td> </tr> </tbody> </table>												NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	1	GRISM	F115W	GR150R	NIS	28	1	4	4	4853.02															
NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID																																						
1	GRISM	F115W	GR150R	NIS	28	1	4	4	4853.02																																							

Proposal 1208 - Observation 33 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1		F140M	F300M	MEDIUM8	5	1	1	1	515.365	
	2		F140M	F300M	DEEP8	6	1	4	4	4638.285	
	3		F140M	F300M	MEDIUM8	5	1	1	1	515.365	
Special Requirements	No Parallel Attachments Background Limited. Background no more than 30th percentile above minimum Group Observations 10, 32, 33, 34 within 20 Days Same V3 PA 10, 32, 33, 34 (Aperture PAs differ)										

Proposal 1208 - Observation 34 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	<p>Proposal 1208, Observation 34: NIRISS MACSJ1423 part 3</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRISS Wide Field Slitless Spectroscopy</p> <p>Coordinated Parallel Template(s): NIRCam Imaging</p> <p><i>Comments: Strong preference for observation at the low end of the V3PA range, i.e. near V3PA=257</i></p>																																															
Diagnostics	<p>(NIRISS MACSJ1423 part 3 (Obs 34)) Warning (Form): Use of only one of GR150R or GR150C may result in spectral overlap from multiple sources that can't be corrected. Users should address this issue in their proposal text.</p> <p>(Visit 34:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p> <p>(Visit 34:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.</p>																																															
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>MACSJ1423.8+2404</td> <td>RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> <p><i>Comments: Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES</i></p>												#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(5)	MACSJ1423.8+2404	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000																												
#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																																												
(5)	MACSJ1423.8+2404	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000																																														
Template	<table border="1"> <thead> <tr> <th>NIRISS Wide Field Slitless Spectroscopy</th> <th>NIRCam Imaging</th> </tr> </thead> <tbody> <tr> <td></td> <td>Module: ALL Subarray: FULL</td> </tr> </tbody> </table>												NIRISS Wide Field Slitless Spectroscopy	NIRCam Imaging		Module: ALL Subarray: FULL																																
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NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID																																					
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NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID																																						
1	GRISM	F115W	GR150R	NIS	28	1	4	4	4853.02																																							

Proposal 1208 - Observation 34 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
	1		F162M+F150W2	F250M	MEDIUM8	5	1	1	1	515.365	
	2		F162M+F150W2	F250M	DEEP8	6	1	4	4	4638.285	
	3		F162M+F150W2	F250M	MEDIUM8	5	1	1	1	515.365	
Special Requirements	Offset -0.2616 arcsec, -0.1316 arcsec No Parallel Attachments Background Limited. Background no more than 30th percentile above minimum Group Observations 10, 32, 33, 34 within 20 Days Same V3 PA 10, 32, 33, 34 (Aperture PAs differ)										

Proposal 1208 - Observation 2 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	Proposal 1208, Observation 2: NIRCam Abell370 Diagnostic Status: Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): NIRISS Wide Field Slitless Spectroscopy									
	(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Diagnosics										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous		
	(1)	ABELL370	RA: 02 39 54.0850 (39.9753542d) Dec: -01 34 33.76 (-1.57604d) Equinox: J2000							
<i>Comments:</i> Category=Clusters of Galaxies Description=[Abell clusters, Rich clusters] Extended=YES										
Template	NIRCam Imaging					NIRISS Wide Field Slitless Spectroscopy				
	Module: ALL Subarray: FULL									
Dithers	#	Primary Dither Type		Primary Dithers	Dither Size	Subpixel Positions		Coordinated Parallel Subpixel Selector		Dither Direct Images Primes
	1	INTRAMODULEX		6		1		NIRCam Only		NO_DITHERING
Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	F150W	F277W	SHALLOW4	7	1	1	1	365.05	
	2	F150W	F277W	DEEP8	5	1	6	6	5669.015	
	3	F150W	F277W	SHALLOW4	7	1	1	1	365.05	
	4	F200W	F356W	SHALLOW4	7	1	1	1	365.05	
	5	F200W	F356W	DEEP8	5	1	6	6	5669.015	
	6	F200W	F356W	SHALLOW4	7	1	1	1	365.05	
	7	F115W	F444W	SHALLOW4	7	1	1	1	365.05	
	8	F115W	F444W	DEEP8	5	1	6	6	5669.015	
	9	F115W	F444W	SHALLOW4	7	1	1	1	365.05	
	10	F090W	F410M	SHALLOW4	7	1	1	1	365.05	
	11	F090W	F410M	DEEP8	5	1	6	6	5669.015	
	12	F090W	F410M	SHALLOW4	7	1	1	1	365.05	

Proposal 1208 - Observation 2 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
Spectral Elements	1	DIRECT	F115W		NIS	8	1	NO	1	1	354.313	
	2	GRISM	F115W	GR150R	NIS	21	1	6	6	5475.753		3
	DIRECT	F115W		NIS	8	1	NO	1	1	354.313		4
	DIRECT	F115W		NIS	8	1	NO	1	1	354.313		5
	GRISM	F115W	GR150C	NIS	21	1	6	6	5475.753		6	DIRECT
	F115W		NIS	8	1	NO	1	1	354.313		7	DIRECT
	F150W		NIS	8	1	NO	1	1	354.313		8	GRISM
	F150W	GR150C	NIS	21	1	6	6	5475.753		9	DIRECT	F150W
		NIS	8	1	NO	1	1	354.313		10	DIRECT	F200W
		NIS	8	1	NO	1	1	354.313		11	GRISM	F200W
	GR150C	NIS	21	1	6	6	5475.753		12	DIRECT	F200W	
Special Requirements	Aperture PA Range 63.88744876 to 63.88744876 Degrees (V3 63.95880186 to 63.95880186) Offset 84.0 arcsec, -3.0 arcsec No Parallel Attachments Background Limited. Background no more than 20th percentile above minimum 46 After 2 by 60 Days to 500 Days Group Observations 2, 20, 21, 22 within 20 Days Same V3 PA 2, 20, 21, 22 (Aperture PAs differ)											

Proposal 1208 - Observation 4 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	Proposal 1208, Observation 4: NIRCam MACSJ0416 Diagnostic Status: Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): NIRISS Wide Field Slitless Spectroscopy									
	(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous		
	(2)	MACSJ0416.1-2403	RA: 04 16 9.3700 (64.0390417d) Dec: -24 04 20.50 (-24.07236d) Equinox: J2000							
<i>Comments:</i> <i>Category=Clusters of Galaxies</i> <i>Description=[Rich clusters]</i> <i>Extended=YES</i>										
Template	NIRCam Imaging					NIRISS Wide Field Slitless Spectroscopy				
	Module: ALL Subarray: FULL									
Dithers	#	Primary Dither Type		Primary Dithers	Dither Size	Subpixel Positions		Coordinated Parallel Subpixel Selector		Dither Direct Images Primes
	1	INTRAMODULEX		6		1		NIRCam Only		NO_DITHERING
Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	F150W	F277W	SHALLOW4	7	1	1	1	365.05	
	2	F150W	F277W	DEEP8	5	1	6	6	5669.015	
	3	F150W	F277W	SHALLOW4	7	1	1	1	365.05	
	4	F200W	F356W	SHALLOW4	7	1	1	1	365.05	
	5	F200W	F356W	DEEP8	5	1	6	6	5669.015	
	6	F200W	F356W	SHALLOW4	7	1	1	1	365.05	
	7	F115W	F444W	SHALLOW4	7	1	1	1	365.05	
	8	F115W	F444W	DEEP8	5	1	6	6	5669.015	
	9	F115W	F444W	SHALLOW4	7	1	1	1	365.05	
	10	F090W	F410M	SHALLOW4	7	1	1	1	365.05	
	11	F090W	F410M	DEEP8	5	1	6	6	5669.015	
	12	F090W	F410M	SHALLOW4	7	1	1	1	365.05	

Proposal 1208 - Observation 4 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
Spectral Elements	1	DIRECT	F115W		NIS	8	1	NO	1	1	354.313	
	2	GRISM	F115W	GR150R	NIS	21	1	6	6	5475.753		3
	DIRECT	F115W		NIS	8	1	NO	1	1	354.313		4
	DIRECT	F115W		NIS	8	1	NO	1	1	354.313		5
	GRISM	F115W	GR150C	NIS	21	1	6	6	5475.753		6	DIRECT
	F115W		NIS	8	1	NO	1	1	354.313		7	DIRECT
	F150W		NIS	8	1	NO	1	1	354.313		8	GRISM
	F150W	GR150C	NIS	21	1	6	6	5475.753		9	DIRECT	F150W
		NIS	8	1	NO	1	1	354.313		10	DIRECT	F200W
		NIS	8	1	NO	1	1	354.313		11	GRISM	F200W
	GR150C	NIS	21	1	6	6	5475.753		12	DIRECT	F200W	
	Special Requirements	Aperture PA Range 44.887474 to 49.887474 Degrees (V3 44.9588271 to 49.9588271) Offset 84.0 arcsec, -3.0 arcsec No Parallel Attachments Background Limited. Background no more than 20th percentile above minimum 47 After 4 by 60 Days to 500 Days Group Observations 4, 23, 24, 25 within 20 Days Same V3 PA 4, 23, 24, 25 (Aperture PAs differ)										

Proposal 1208 - Observation 6 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	Proposal 1208, Observation 6: NIRCam MACSJ0417 Diagnostic Status: Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): NIRISS Wide Field Slitless Spectroscopy									
	(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)	MACSJ0417.5-1154	RA: 04 17 35.1485 (64.3964521d) Dec: -11 54 38.44 (-11.91068d) Equinox: J2000							
<i>Comments:</i> <i>Category=Clusters of Galaxies</i> <i>Description=[Rich clusters]</i> <i>Extended=YES</i>										
Template	NIRCam Imaging					NIRISS Wide Field Slitless Spectroscopy				
	Module: ALL Subarray: FULL									
Dithers	#	Primary Dither Type		Primary Dithers	Dither Size	Subpixel Positions		Coordinated Parallel Subpixel Selector		Dither Direct Images Primes
	1	INTRAMODULEX		6		1		NIRCam Only		NO_DITHERING
Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	F150W	F277W	SHALLOW4	7	1	1	1	365.05	
	2	F150W	F277W	DEEP8	5	1	6	6	5669.015	
	3	F150W	F277W	SHALLOW4	7	1	1	1	365.05	
	4	F200W	F356W	SHALLOW4	7	1	1	1	365.05	
	5	F200W	F356W	DEEP8	5	1	6	6	5669.015	
	6	F200W	F356W	SHALLOW4	7	1	1	1	365.05	
	7	F115W	F444W	SHALLOW4	7	1	1	1	365.05	
	8	F115W	F444W	DEEP8	5	1	6	6	5669.015	
	9	F115W	F444W	SHALLOW4	7	1	1	1	365.05	
	10	F090W	F410M	SHALLOW4	7	1	1	1	365.05	
	11	F090W	F410M	DEEP8	5	1	6	6	5669.015	
	12	F090W	F410M	SHALLOW4	7	1	1	1	365.05	

Proposal 1208 - Observation 6 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
Spectral Elements	1	DIRECT	F115W		NIS	8	1	NO	1	1	354.313	
	2	GRISM	F115W	GR150R	NIS	21	1	6	6	5475.753		3
	DIRECT	F115W		NIS	8	1	NO	1	1	354.313		4
	DIRECT	F115W		NIS	8	1	NO	1	1	354.313		5
	GRISM	F115W	GR150C	NIS	21	1	6	6	5475.753		6	DIRECT
	F115W		NIS	8	1	NO	1	1	354.313		7	DIRECT
	F150W		NIS	8	1	NO	1	1	354.313		8	GRISM
	F150W	GR150C	NIS	21	1	6	6	5475.753		9	DIRECT	F150W
		NIS	8	1	NO	1	1	354.313		10	DIRECT	F200W
		NIS	8	1	NO	1	1	354.313		11	GRISM	F200W
	GR150C	NIS	21	1	6	6	5475.753		12	DIRECT	F200W	
Special Requirements	Aperture PA Range 289.88744876 to 289.88744876 Degrees (V3 289.95880186 to 289.95880186) Offset 84.0 arcsec, -3.0 arcsec No Parallel Attachments Background Limited. Background no more than 30th percentile above minimum 48 After 6 by 60 Days to 500 Days 64 After 6 by 60.0 Days to <None specified> Group Observations 6, 26, 27, 28 within 20 Days Same V3 PA 6, 26, 27, 28 (Aperture PAs differ)											

Proposal 1208 - Observation 8 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	Proposal 1208, Observation 8: NIRCam MACSJ1149 Diagnostic Status: Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): NIRISS Wide Field Slitless Spectroscopy									
	(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.									
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous		
	(4)	MACSJ1149+2223	RA: 11 49 35.8500 (177.3993750d) Dec: +22 23 53.78 (22.39827d) Equinox: J2000							
<i>Comments:</i> <i>Category=Clusters of Galaxies</i> <i>Description=[Rich clusters]</i> <i>Extended=YES</i>										
Template	NIRCam Imaging					NIRISS Wide Field Slitless Spectroscopy				
	Module: ALL Subarray: FULL									
Dithers	#	Primary Dither Type		Primary Dithers	Dither Size	Subpixel Positions		Coordinated Parallel Subpixel Selector		Dither Direct Images Primes
	1	INTRAMODULEX		6		1		NIRCam Only		NO_DITHERING
Spectral Elements	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
	1	F150W	F277W	SHALLOW4	7	1	1	1	365.05	
	2	F150W	F277W	DEEP8	5	1	6	6	5669.015	
	3	F150W	F277W	SHALLOW4	7	1	1	1	365.05	
	4	F200W	F356W	SHALLOW4	7	1	1	1	365.05	
	5	F200W	F356W	DEEP8	5	1	6	6	5669.015	
	6	F200W	F356W	SHALLOW4	7	1	1	1	365.05	
	7	F115W	F444W	SHALLOW4	7	1	1	1	365.05	
	8	F115W	F444W	DEEP8	5	1	6	6	5669.015	
	9	F115W	F444W	SHALLOW4	7	1	1	1	365.05	
	10	F090W	F410M	SHALLOW4	7	1	1	1	365.05	
	11	F090W	F410M	DEEP8	5	1	6	6	5669.015	
	12	F090W	F410M	SHALLOW4	7	1	1	1	365.05	

Proposal 1208 - Observation 8 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID	
Spectral Elements	1	DIRECT	F115W		NIS	8	1	NO	1	1	354.313		
	2	GRISM	F115W	GR150R	NIS	21	1	6	6	5475.753		3	
	DIRECT	F115W		NIS	8	1	NO	1	1	354.313		4	
	DIRECT	F115W		NIS	8	1	NO	1	1	354.313		5	
	GRISM	F115W	GR150C	NIS	21	1	6	6	5475.753		6	DIRECT	
	F115W		NIS	8	1	NO	1	1	354.313		7	DIRECT	
	F150W		NIS	8	1	NO	1	1	354.313		8	GRISM	
	F150W	GR150C	NIS	21	1	6	6	5475.753		9		DIRECT	F150W
		NIS	8	1	NO	1	1	354.313		10		DIRECT	F200W
		NIS	8	1	NO	1	1	354.313		11		GRISM	F200W
		GR150C	NIS	21	1	6	6	5475.753		12		DIRECT	F200W
Special Requirements	Aperture PA Range 121.887474 to 121.887474 Degrees (V3 121.9588271 to 121.9588271) Offset 84.0 arcsec, -3.0 arcsec No Parallel Attachments Background Limited. Background no more than 40th percentile above minimum 49 After 8 by 60 Days to 500 Days Group Observations 8, 29, 30, 31 within 20 Days Same V3 PA 8, 29, 30, 31 (Aperture PAs differ)												

Proposal 1208 - Observation 10 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	Proposal 1208, Observation 10: NIRCam MACSJ1423 Diagnostic Status: Warning Observing Template: NIRCam Imaging Coordinated Parallel Template(s): NIRISS Wide Field Slitless Spectroscopy Comments: Strong preference for observation at the low end of the V3PA range, i.e. near V3PA=257																																																																																																																																											
	(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 10:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.																																																																																																																																											
Diagnosics																																																																																																																																												
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(5)</td> <td>MACSJ1423.8+2404</td> <td>RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table>										#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(5)	MACSJ1423.8+2404	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000																																																																																																																										
	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous																																																																																																																																							
(5)	MACSJ1423.8+2404	RA: 14 23 47.7800 (215.9490833d) Dec: +24 04 39.72 (24.07770d) Equinox: J2000																																																																																																																																										
Comments: Category=Clusters of Galaxies Description=[Rich clusters] Extended=YES																																																																																																																																												
Template	NIRCam Imaging NIRISS Wide Field Slitless Spectroscopy																																																																																																																																											
	Module: ALL Subarray: FULL																																																																																																																																											
Dithers	<table border="1"> <thead> <tr> <th>#</th> <th>Primary Dither Type</th> <th>Primary Dithers</th> <th>Dither Size</th> <th>Subpixel Positions</th> <th>Coordinated Parallel Subpixel Selector</th> <th>Dither Direct Images Primes</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>INTRAMODULEX</td> <td>6</td> <td></td> <td>1</td> <td>NIRCam Only</td> <td>NO_DITHERING</td> </tr> </tbody> </table>										#	Primary Dither Type	Primary Dithers	Dither Size	Subpixel Positions	Coordinated Parallel Subpixel Selector	Dither Direct Images Primes	1	INTRAMODULEX	6		1	NIRCam Only	NO_DITHERING																																																																																																																				
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Spectral Elements	<table border="1"> <thead> <tr> <th>NIRCam Imaging</th> <th>Short Filter</th> <th>Long Filter</th> <th>Readout Pattern</th> <th>Groups/Int</th> <th>Integrations/Exp</th> <th>Total Integrations</th> <th>Total Dithers</th> <th>Total Exposure Time</th> <th>ETC Wkbk.Calc ID</th> </tr> </thead> <tbody> <tr><td>1</td><td>F150W</td><td>F277W</td><td>SHALLOW4</td><td>7</td><td>1</td><td>1</td><td>1</td><td>365.05</td><td></td></tr> <tr><td>2</td><td>F150W</td><td>F277W</td><td>DEEP8</td><td>5</td><td>1</td><td>6</td><td>6</td><td>5669.015</td><td></td></tr> <tr><td>3</td><td>F150W</td><td>F277W</td><td>SHALLOW4</td><td>7</td><td>1</td><td>1</td><td>1</td><td>365.05</td><td></td></tr> <tr><td>4</td><td>F200W</td><td>F356W</td><td>SHALLOW4</td><td>7</td><td>1</td><td>1</td><td>1</td><td>365.05</td><td></td></tr> <tr><td>5</td><td>F200W</td><td>F356W</td><td>DEEP8</td><td>5</td><td>1</td><td>6</td><td>6</td><td>5669.015</td><td></td></tr> <tr><td>6</td><td>F200W</td><td>F356W</td><td>SHALLOW4</td><td>7</td><td>1</td><td>1</td><td>1</td><td>365.05</td><td></td></tr> <tr><td>7</td><td>F115W</td><td>F444W</td><td>SHALLOW4</td><td>7</td><td>1</td><td>1</td><td>1</td><td>365.05</td><td></td></tr> <tr><td>8</td><td>F115W</td><td>F444W</td><td>DEEP8</td><td>5</td><td>1</td><td>6</td><td>6</td><td>5669.015</td><td></td></tr> <tr><td>9</td><td>F115W</td><td>F444W</td><td>SHALLOW4</td><td>7</td><td>1</td><td>1</td><td>1</td><td>365.05</td><td></td></tr> <tr><td>10</td><td>F090W</td><td>F410M</td><td>SHALLOW4</td><td>7</td><td>1</td><td>1</td><td>1</td><td>365.05</td><td></td></tr> <tr><td>11</td><td>F090W</td><td>F410M</td><td>DEEP8</td><td>5</td><td>1</td><td>6</td><td>6</td><td>5669.015</td><td></td></tr> <tr><td>12</td><td>F090W</td><td>F410M</td><td>SHALLOW4</td><td>7</td><td>1</td><td>1</td><td>1</td><td>365.05</td><td></td></tr> </tbody> </table>										NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	1	F150W	F277W	SHALLOW4	7	1	1	1	365.05		2	F150W	F277W	DEEP8	5	1	6	6	5669.015		3	F150W	F277W	SHALLOW4	7	1	1	1	365.05		4	F200W	F356W	SHALLOW4	7	1	1	1	365.05		5	F200W	F356W	DEEP8	5	1	6	6	5669.015		6	F200W	F356W	SHALLOW4	7	1	1	1	365.05		7	F115W	F444W	SHALLOW4	7	1	1	1	365.05		8	F115W	F444W	DEEP8	5	1	6	6	5669.015		9	F115W	F444W	SHALLOW4	7	1	1	1	365.05		10	F090W	F410M	SHALLOW4	7	1	1	1	365.05		11	F090W	F410M	DEEP8	5	1	6	6	5669.015		12	F090W	F410M	SHALLOW4	7	1	1	1	365.05	
	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID																																																																																																																																		
	1	F150W	F277W	SHALLOW4	7	1	1	1	365.05																																																																																																																																			
	2	F150W	F277W	DEEP8	5	1	6	6	5669.015																																																																																																																																			
	3	F150W	F277W	SHALLOW4	7	1	1	1	365.05																																																																																																																																			
	4	F200W	F356W	SHALLOW4	7	1	1	1	365.05																																																																																																																																			
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	6	F200W	F356W	SHALLOW4	7	1	1	1	365.05																																																																																																																																			
	7	F115W	F444W	SHALLOW4	7	1	1	1	365.05																																																																																																																																			
	8	F115W	F444W	DEEP8	5	1	6	6	5669.015																																																																																																																																			
	9	F115W	F444W	SHALLOW4	7	1	1	1	365.05																																																																																																																																			
	10	F090W	F410M	SHALLOW4	7	1	1	1	365.05																																																																																																																																			
	11	F090W	F410M	DEEP8	5	1	6	6	5669.015																																																																																																																																			
12	F090W	F410M	SHALLOW4	7	1	1	1	365.05																																																																																																																																				

Proposal 1208 - Observation 10 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Two Extra Dithers	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
Spectral Elements	1	DIRECT	F115W		NIS	8	1	NO	1	1	354.313	
	2	GRISM	F115W	GR150R	NIS	21	1	6	6	5475.753		3
	DIRECT	F115W		NIS	8	1	NO	1	1	354.313		4
	DIRECT	F115W		NIS	8	1	NO	1	1	354.313		5
	GRISM	F115W	GR150C	NIS	21	1	6	6	5475.753		6	DIRECT
	F115W		NIS	8	1	NO	1	1	354.313		7	DIRECT
	F150W		NIS	8	1	NO	1	1	354.313		8	GRISM
	F150W	GR150C	NIS	21	1	6	6	5475.753		9	DIRECT	F150W
		NIS	8	1	NO	1	1	354.313		10	DIRECT	F200W
		NIS	8	1	NO	1	1	354.313		11	GRISM	F200W
	GR150C	NIS	21	1	6	6	5475.753		12	DIRECT	F200W	
Special Requirements	<p>Aperture PA Range 256.887474 to 261.887474 Degrees (V3 256.9588271 to 261.9588271) Offset 84.0 arcsec, -3.0 arcsec No Parallel Attachments Background Limited. Background no more than 30th percentile above minimum</p> <p>50 After 10 by 60 Days to 500 Days Group Observations 10, 32, 33, 34 within 20 Days Same V3 PA 10, 32, 33, 34 (Aperture PAs differ)</p>											

Proposal 1208 - Observation 46 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	<p>Proposal 1208, Observation 46: abell370msa</p> <p>Diagnostic Status: Error</p> <p>Observing Template: NIRSpec MultiObject Spectroscopy</p>																																																					
Diagnostics	<p>(abell370msa (Obs 46)) Error (Form): This observation was created with an Aperture PA of 38.500 but it has been assigned an Aperture PA of 46.108</p> <p>(Aperture PA) Error (Form): This observation was created with an Aperture PA of 38.500 but it has been assigned an Aperture PA of 46.108</p> <p>(Visit 46:1) Error (Form): Reference stars are required but none were found for this visit</p> <p>(abell370msa (Obs 46)) Warning (Form): Config c0* (#1) has 1 primary slits affected by failed closed shutters.</p> <p>(Visit 46:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p> <p>(Visit 46:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.</p>																																																					
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Special Requirements

Background Limited. Background no more than 40th percentile above minimum
MSA Scheduled Aperture PA 46.1081097 to 46.1081097 Degrees (V3 267.53354 to 267.53354)

46 After 2 by 60 Days to 500 Days

Proposal 1208 - Observation 47 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	<p>Proposal 1208, Observation 47: macs0416msa</p> <p>Diagnostic Status: Error</p> <p>Observing Template: NIRSpec MultiObject Spectroscopy</p>																																																						
	<p>(macs0416msa (Obs 47)) Error (Form): This observation was created with an Aperture PA of 64.500 but it has been assigned an Aperture PA of 34.844</p> <p>(Aperture PA) Error (Form): This observation was created with an Aperture PA of 64.500 but it has been assigned an Aperture PA of 34.844</p> <p>(Visit 47:1) Error (Form): Reference stars are required but none were found for this visit</p> <p>(Visit 47:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p> <p>(Visit 47:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.</p>																																																						
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Special Requirements

MSA Scheduled Aperture PA 34.8440997 to 34.8440997 Degrees (V3 256.26953 to 256.26953)

47 After 4 by 60 Days to 500 Days

Proposal 1208 - Observation 48 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

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Observation	Proposal 1208, Observation 48: config 1, config 2 Diagnostic Status: Warning Observing Template: NIRSpec MultiObject Spectroscopy																																																												
	(config 1, config 2 (Obs 48)) Warning (Form): Config c1 : config 1 (#1) has 2 master background shutters affected by failed open or closed shutters. (config 1, config 2 (Obs 48)) Warning (Form): Config c1 : config 2 (#2) has 2 master background shutters affected by failed open or closed shutters. (Visit 48:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																												
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1	879	64.405719	-11.875727	23.18954603766206	1	11740	64.405493	-11.872169	25.43306712875055																																																				
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Proposal 1208 - Observation 48 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Special Requirements

MSA Scheduled Aperture PA 188.0796657 to 188.0796657 Degrees (V3 49.505096 to 49.505096)

48 After 6 by 60 Days to 500 Days

Group Observations 48, 64, Non-interruptible

Same Aperture PA 48, 64

Proposal 1208 - Observation 64 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	Proposal 1208, Observation 64: config 3 Diagnostic Status: Warning Observing Template: NIRSpec MultiObject Spectroscopy										
	(config 3 (Obs 64)) Warning (Form): Config c3 (#1) has 2 master background shutters affected by failed open or closed shutters. (Visit 64:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Diagnosics											
Fixed Targets	#	Name	Target Coordinates		Targ. Coord. Corrections			Miscellaneous			
	(66)	MACS0417-NCF-NIRSPEC-TARGETS-V0	RA: 04 17 29.1233 (64.3713471d) Dec: -11 49 31.87 (-11.82552d) Equinox: J2000								
<i>Comments: Description=[]</i>											
Acquisition	#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	Filter: CLEAR; Readout: NRSRAPIDD6; 8 sources in 2 quads; [Optimal TA Accuracy]	SAME	CLEAR	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153	
Template	TA Method	Obtain Confirmation Images	Science Aperture	Primary Candidate List	Filler Candidate List	Spectral Overlap Map	Spectral Overlap Threshold				
	MSATA	No	MSA Center	M0417 NCF Weight >= 10 (629 sources)	M0417 NCF Weight >= 5 (853 sources)	jwst-nirspec-prism	1.5				
Reference Stars	Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude	
	1	200179	64.378055	-11.839876	24.08746548395537	1	200377	64.373057	-11.823681	23.37232408455969	
	1	200225	64.380568	-11.836789	23.57412528983222	1	200506	64.364167	-11.800838	24.04692014344581	
	1	200277	64.360844	-11.832865	25.01979305966752	1	200507	64.381888	-11.800811	23.21101041163577	
	1	200359	64.367413	-11.825505	24.88370132664508	1	204681	64.384080	-11.802023	25.11778081949205	
Spectral Elements	#	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
	1	1 (PRISM/CLEAR)	c3	3 Shutter Slitlet	64.356926249999 99 Degrees - 11.814927777777 768 Degrees	188.08258448820 789			3	3	2888.6

Proposal 1208 - Observation 64 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Special Requirements

MSA Scheduled Aperture PA 188.0796657 to 188.0796657 Degrees (V3 49.505096 to 49.505096)

64 After 6 by 60.0 Days to <None specified>
Group Observations 48, 64, Non-interruptible
Same Aperture PA 48, 64

Proposal 1208 - Observation 49 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	<p>Proposal 1208, Observation 49: macs1149msa</p> <p>Diagnostic Status: Error</p> <p>Observing Template: NIRSpec MultiObject Spectroscopy</p>																																																					
Diagnostics	<p>(macs1149msa (Obs 49)) Error (Form): This observation was created with an Aperture PA of 58.500 but it has been assigned an Aperture PA of 63.714</p> <p>(Aperture PA) Error (Form): This observation was created with an Aperture PA of 58.500 but it has been assigned an Aperture PA of 63.714</p> <p>(Visit 49:1) Error (Form): Reference stars are required but none were found for this visit</p> <p>(macs1149msa (Obs 49)) Warning (Form): Config p1c0* (#1) has 1 primary slits affected by failed closed shutters.</p> <p>(macs1149msa (Obs 49)) Warning (Form): Config p2c0* (#3) has 1 primary slits affected by failed closed shutters.</p> <p>(Visit 49:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.</p> <p>(Visit 49:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.</p>																																																					
Fixed Targets	<table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Target Coordinates</th> <th>Targ. Coord. Corrections</th> <th>Miscellaneous</th> </tr> </thead> <tbody> <tr> <td>(41)</td> <td>TINYCATM1149</td> <td>RA: 11 49 33.5800 (177.3899167d) Dec: +22 24 34.20 (22.40950d) Equinox: J2000</td> <td></td> <td></td> </tr> </tbody> </table> <p><i>Comments: This target was generated automatically for MSA Observation 49</i> <i>Description=[]</i></p>										#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous	(41)	TINYCATM1149	RA: 11 49 33.5800 (177.3899167d) Dec: +22 24 34.20 (22.40950d) Equinox: J2000																																				
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Proposal 1208 - Observation 49 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Special Requirements

Background Limited. Background no more than 40th percentile above minimum
MSA Scheduled Aperture PA 63.7135197 to 63.7135197 Degrees (V3 285.13895 to 285.13895)

49 After 8 by 60 Days to 500 Days

Proposal 1208 - Observation 50 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	Proposal 1208, Observation 50: macs1423msa Diagnostic Status: Error Observing Template: NIRSpec MultiObject Spectroscopy																																																						
	(macs1423msa (Obs 50)) Error (Form): This observation was created with an Aperture PA of 278.500 but it has been assigned an Aperture PA of 291.573 (Aperture PA) Error (Form): This observation was created with an Aperture PA of 278.500 but it has been assigned an Aperture PA of 291.573 (Visit 50:1) Error (Form): Reference stars are required but none were found for this visit (Visit 50:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.																																																						
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Proposal 1208 - Observation 50 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Special Requirements

MSA Scheduled Aperture PA 291.5732297 to 291.5732297 Degrees (V3 152.99866 to 152.99866)

50 After 10 by 60 Days to 500 Days

Proposal 1208 - Observation 62 - CANUCS: The CANadian NIRISS Unbiased Cluster Survey

Wed Feb 01 22:01:07 GMT 2023

Observation	<p>Proposal 1208, Observation 62: IFU observation of MACSJ0416-Y1</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 62:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(62)	MACSJ0416-Y1	RA: 04 16 9.4230 (64.0392625d) Dec: -24 05 35.50 (-24.09319d) Equinox: J2000									
	<p><i>Comments: Coordinates are from Tamura+19 for the ALMA 850-mu continuum. This seems slightly shifted (by 0.15") with respect to the center of the HST F160W and ALMA [OIII]-88mu emission.</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Lyman-alpha galaxies, Primordial galaxies]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method											
	NONE											
Dithers	#	Dither Type		Size	Starting Point		Number of Points	Points				
	1	CYCLING		MEDIUM	1		8					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Ex p	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2	31	1	false	true	NONE	8	8	18206.935	
	2	PRISM/CLEAR	NRSIRS2RAPI D	33	1	false	true	NONE	8	8	3968.178	
	3	PRISM/CLEAR	NRSIRS2RAPI D	33	1	true	false	NONE	1	1	496.022	
Special Requirements	<p>Aperture PA Range 183.89297485 to 188.89297485 Degrees (V3 44.92044067 to 49.92044067)</p> <p>Aperture PA Range 208.89297485 to 228.89297485 Degrees (V3 69.92044067 to 89.92044067)</p>											