



5015 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU survey in the first billion years

Cycle: 3, Proposal Category: GO

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JWST Proposal 5015 (Created: Tuesday, January 28, 2025, 1:00:14PM Eastern Standard Time) - Overview

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
Observation Folder				
	1	JADES_1093	NIRSpec IFU Spectroscopy	(1) JADES_1093
	2	JADES_77652	NIRSpec IFU Spectroscopy	(2) JADES_77652
	3	JADES_61888	NIRSpec IFU Spectroscopy	(3) JADES_61888
	4	JADES_954	NIRSpec IFU Spectroscopy	(4) JADES_954
	26	JADES_954	NIRSpec IFU Spectroscopy	(4) JADES_954
	5	JADES_10013704	NIRSpec IFU Spectroscopy	(5) JADES_10013704
	28	JADES_10013704	NIRSpec IFU Spectroscopy	(5) JADES_10013704
	6	CEERS_00746	NIRSpec IFU Spectroscopy	(6) CEERS_00746

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
	7	CEERS_00672	NIRSpec IFU Spectroscopy	(7) CEERS_00672
	8	CEERS_02782	NIRSpec IFU Spectroscopy	(8) CEERS_02782
	9	CEERS_00397	NIRSpec IFU Spectroscopy	(9) CEERS_00397
	10	CEERS_00717	NIRSpec IFU Spectroscopy	(10) CEERS_00717
	11	GOODSN_4014	NIRSpec IFU Spectroscopy	(11) GOODS-N-4014
	14	JADES_159717	NIRSpec IFU Spectroscopy	(14) JADES_159717
	27	JADES_159717	NIRSpec IFU Spectroscopy	(14) JADES_159717
	15	GOODSN_14409	NIRSpec IFU Spectroscopy	(15) GOODS-N-14409
	19	J1148_18404	NIRSpec IFU Spectroscopy	(19) J1148-18404
	20	J0148_4214	NIRSpec IFU Spectroscopy	(20) J0148-4214
	21	UNCOVER_20466	NIRSpec IFU Spectroscopy	(21) UNCOVER_20466
	22	Abell2744_QSO1a	NIRSpec IFU Spectroscopy	(22) Abell2744-QSO1a
	23	G23_4286	NIRSpec IFU Spectroscopy	(23) G23_4286
	24	G23_13821	NIRSpec IFU Spectroscopy	(24) G23_13821
	25	G23_41225	NIRSpec IFU Spectroscopy	(25) G23_41225

ABSTRACT

One of the most exciting results of JWST has been the discovery of a large population of active galactic nuclei (AGN) at high redshift. Their large number density is not the only unexpected finding, they share several other intriguing properties, such as a black hole-to-stellar mass ratio much higher than local galaxies and a large fraction of dual/binary black holes. These results are being interpreted in the context of different scenarios, especially in terms of early black hole seeding, however major uncertainties are preventing further progress in understanding their nature. We propose a fresh approach by obtaining NIRSpec-IFU spectra of all JWST-discovered broad-line AGN at $z > 5$. While the data will be available for the community to pursue a plethora of science cases, some of the primary goals of the program are: constrain with unprecedented accuracy the stellar and dynamical masses of the host galaxies, hence exploring whether early black holes are truly over-massive or their stellar populations are under-massive; identify binary AGN, tracing merging black holes, and provide predictions for gravitational waves observatories; trace AGN-driven outflows and their feedback on the host galaxies; find SNe at $z > 5$, which may mimic AGN; constrain the AGN contribution to reionization; map the metallicity and chemical enrichment of the host galaxies; search for Population III stars forming in pockets of pristine gas in the haloes, as predicted by recent models.

OBSERVING DESCRIPTION

This program consists of NIRSpec-IFU G395H/F290LP (R~2700) and PRISM (R~100) observations of 30 $z > 5$ broad-line AGN, which have previously been detected through JWST single-slit and grism spectroscopy. The goal is to characterise the host galaxy properties and the immediate environment of this population through high-resolution data of the host interstellar medium to constrain kinematics, outflows and companions, and to constrain the ionisation state in and around the host galaxies through coverage of the rest-frame UV-to-optical lines with the prism. The galaxies are located in the extragalactic deep fields or in lensing clusters. No target acquisition is included since all galaxies are located in well-studied fields containing stars with good astrometry. Small inaccuracies in acquisition are unproblematic because of the 3"x3" NIRSpec-IFS FoV. We use a medium cycling pattern with 8-point to 14-point dithers and 13 to 34 integrations depending on the brightness of the target emission lines (known through previous NIRSpec-MSA or NIRCAM-grism observations), for a total exposure time per target of 1-7.5h with the grating, and 0.5-2h with the prism. The medium cycling pattern provides a good compromise between an amplitude (~0.5") large enough to "jump" failed open microshutters and to deal with other sources of background, while keeping a large FoV (~2.5"x2.5") with complete exposure time. This dither pattern also provides a good sub-pixel sampling. No background exposures are required since each observations contains a large number of spaxels free from emission from the central source or neighbours. We will use spaxels within the IFU FoV free from line emission to perform a background subtraction. Through our dither strategy we minimise the potential impact of MSA leakage, and we have additionally restricted the rolling angle to avoid bright spoilers in the lower MSA quadrants, and therefore do not require leakcal exposures. Our high number of dithers also ensures a sufficient sampling of the PSF.

Proposal 5015 - Targets - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU survey in th...

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(1)	JADES_1093	RA: 12 36 43.1400 (189.1797500d) Dec: +62 13 28.67 (62.22463d) Equinox: J2000		
	<i>Comments: Maiolino23c</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>			
(2)	JADES_77652	RA: 12 37 10.3800 (189.2932500d) Dec: +62 11 56.40 (62.19900d) Equinox: J2000		
	<i>Comments: Maiolino23c</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>			
(3)	JADES_61888	RA: 12 36 40.3200 (189.1680000d) Dec: +62 13 1.24 (62.21701d) Equinox: J2000		
	<i>Comments: Maiolino23c</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>			
(4)	JADES_954	RA: 12 36 36.4700 (189.1519583d) Dec: +62 15 34.70 (62.25964d) Equinox: J2000		
	<i>Comments: Maiolino23c</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>			
(5)	JADES_10013704	RA: 03 32 30.3700 (53.1265417d) Dec: -27 49 5.12 (-27.81809d) Equinox: J2000		
	<i>Comments: Maiolino23c</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>			
(6)	CEERS_00746	RA: 14 19 14.1900 (214.8091250d) Dec: +52 52 6.50 (52.86847d) Equinox: J2000		
	<i>Comments: Harikane23;Kocevski23:CEERS_3210</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>			
(7)	CEERS_00672	RA: 14 19 33.5200 (214.8896667d) Dec: +52 49 58.70 (52.83297d) Equinox: J2000		
	<i>Comments: Harikane23</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>			

Fixed Targets

Proposal 5015 - Targets - Unveiling the nature and impact of the first population of black holes: an extensive NIRSPEC-IFU survey in th...

(8)	CEERS_02782	RA: 14 19 17.6300 (214.8234583d) Dec: +52 49 49.00 (52.83028d) Equinox: J2000 <i>Comments: Harikane23;Kocevski23:CEERS_1670</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>
(9)	CEERS_00397	RA: 14 19 20.6900 (214.8362083d) Dec: +52 52 57.70 (52.88269d) Equinox: J2000 <i>Comments: Harikane23</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>
(10)	CEERS_00717	RA: 14 20 19.5400 (215.0814167d) Dec: +52 58 19.90 (52.97219d) Equinox: J2000 <i>Comments: Harikane23</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>
(11)	GOODS-N-4014	RA: 12 37 12.0300 (189.3001250d) Dec: +62 12 43.36 (62.21204d) Equinox: J2000 <i>Comments: Matthee23</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>
(14)	JADES_159717	RA: 03 32 23.4068 (53.0975283d) Dec: -27 54 4.54 (-27.90126d) Equinox: J2000 <i>Comments: JADES</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>
(15)	GOODS-N-14409	RA: 12 36 17.3000 (189.0720833d) Dec: +62 16 24.35 (62.27343d) Equinox: J2000 <i>Comments: Matthee23</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>
(19)	J1148-18404	RA: 11 48 13.9100 (177.0579583d) Dec: +52 51 46.09 (52.86280d) Equinox: J2000 <i>Comments: Matthee23</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i>

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(20)	J0148-4214	RA: 01 48 33.2900 (27.1387083d) Dec: +05 59 50.04 (5.99723d) Equinox: J2000
<p><i>Comments: Matthee23</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i></p>		
(21)	UNCOVER_20466	RA: 00 14 33.7000 (3.6404167d) Dec: -30 23 11.18 (-30.38644d) Equinox: J2000
<p><i>Comments: Kokorev23;Greene23:20466</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i></p>		
(22)	Abell2744-QSO1a	RA: 00 14 19.1610 (3.5798375d) Dec: -30 24 5.66 (-30.40157d) Equinox: J2000
<p><i>Comments: Furtak23&24_imageA;Greene23:13123</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i></p>		
(23)	G23_4286	RA: 00 14 28.6100 (3.6192083d) Dec: -30 25 23.77 (-30.42327d) Equinox: J2000
<p><i>Comments: Greene23</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i></p>		
(24)	G23_13821	RA: 00 14 28.9500 (3.6206250d) Dec: -30 23 59.82 (-30.39995d) Equinox: J2000
<p><i>Comments: Greene23</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i></p>		
(25)	G23_41225	RA: 00 14 8.1600 (3.5340000d) Dec: -30 21 11.91 (-30.35331d) Equinox: J2000
<p><i>Comments: Greene23</i> <i>Category=Galaxy</i> <i>Description=[Active galactic nuclei]</i> <i>Extended=YES</i></p>		

Proposal 5015 - Observation 1 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU surv...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 1: JADES_1093</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(1)	JADES_1093	RA: 12 36 43.1400 (189.1797500d) Dec: +62 13 28.67 (62.22463d) Equinox: J2000									
	<p><i>Comments: Maiolino23c</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		14					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2	26	1	false	true	NONE	14	14	26756.024	176750
	2	PRISM/CLEAR	NRSIRS2RAPID	34	1	false	true	NONE	14	14	7148.556	177211

Proposal 5015 - Observation 2 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU surv...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 2: JADES_77652</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(2)	JADES_77652	RA: 12 37 10.3800 (189.2932500d) Dec: +62 11 56.40 (62.19900d) Equinox: J2000									
	<p><i>Comments: Maiolino23c</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		8					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2	31	1	false	true	NONE	8	8	18206.935	176772
	2	PRISM/CLEAR	NRSIRS2RAPID	30	1	false	true	NONE	8	8	3618.045	177148
Special Requirements	<p>Aperture PA Range 64.97164917 to 94.97164917 Degrees (V3 286.0 to 316.0)</p> <p>Aperture PA Range 184.97164917 to 334.97164917 Degrees (V3 46.0 to 196.0)</p>											

Proposal 5015 - Observation 3 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU surv...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 3: JADES_61888</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(3)	JADES_61888	RA: 12 36 40.3200 (189.1680000d) Dec: +62 13 1.24 (62.21701d) Equinox: J2000									
	<p><i>Comments: Maiolino23c</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		14					
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	26	1	false	true	NONE	14	14	26756.024	175942
	2	PRISM/CLEAR	NRSIRS2RAPID	34	1	false	true	NONE	14	14	7148.556	175945

Proposal 5015 - Observation 4 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU surv...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 4: JADES_954</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(4)	JADES_954	RA: 12 36 36.4700 (189.1519583d) Dec: +62 15 34.70 (62.25964d) Equinox: J2000									
	<p><i>Comments: Maiolino23c</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
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	13	1	false	true	NONE	8	8	7702.934	174940
	2	PRISM/CLEAR	NRSIRS2RAPID	15	1	false	true	NONE	8	8	1867.378	175934
Special Requirements	<p>Aperture PA Range 25.97164917 to 49.97164917 Degrees (V3 247.0 to 271.0)</p> <p>Aperture PA Range 133.97164917 to 303.97164917 Degrees (V3 355.0 to 165.0)</p>											

Proposal 5015 - Observation 26 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 26: JADES_954</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 26:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(4)	JADES_954	RA: 12 36 36.4700 (189.1519583d) Dec: +62 15 34.70 (62.25964d) Equinox: J2000									
	<p><i>Comments: Maiolino23c</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
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	13	1	false	true	NONE	8	8	7702.934	174940
	2	PRISM/CLEAR	NRSIRS2RAPID	15	1	false	true	NONE	8	8	1867.378	175934
Special Requirements	<p>Aperture PA Range 25.97164917 to 49.97164917 Degrees (V3 247.0 to 271.0)</p> <p>Aperture PA Range 133.97164917 to 303.97164917 Degrees (V3 355.0 to 165.0)</p>											

Proposal 5015 - Observation 5 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU surv...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 5: JADES_10013704</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	JADES_10013704	RA: 03 32 30.3700 (53.1265417d) Dec: -27 49 5.12 (-27.81809d) Equinox: J2000									
	<p><i>Comments: Maiolino23c</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		14					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2	22	1	false	true	NONE	14	14	22671.135	176792
	2	PRISM/CLEAR	NRSIRS2RAPID	34	1	false	true	NONE	14	14	7148.556	177225

Proposal 5015 - Observation 28 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 28: JADES_10013704</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 28:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(5)	JADES_10013704	RA: 03 32 30.3700 (53.1265417d) Dec: -27 49 5.12 (-27.81809d) Equinox: J2000									
	<p><i>Comments: Maiolino23c</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		14					
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	22	1	false	true	NONE	14	14	22671.135	176792
	2	PRISM/CLEAR	NRSIRS2RAPID	34	1	false	true	NONE	14	14	7148.556	177225

Proposal 5015 - Observation 6 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU surv...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 6: CEERS_00746</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(6)	CEERS_00746	RA: 14 19 14.1900 (214.8091250d) Dec: +52 52 6.50 (52.86847d) Equinox: J2000									
	<p><i>Comments: Harikane23;Kocevski23:CEERS_3210</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		8					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2RAPI D	30	1	false	true	NONE	8	8	3618.045	
	2	PRISM/CLEAR	NRSIRS2RAPI D	15	1	false	true	NONE	8	8	1867.378	
Special Requirements	<p>Aperture PA Range 83.97164917 to 160.97164917 Degrees (V3 305.0 to 22.0)</p> <p>Aperture PA Range 168.97164917 to 233.97164917 Degrees (V3 30.0 to 95.0)</p> <p>Aperture PA Range 323.97164917 to 350.97164917 Degrees (V3 185.0 to 212.0)</p>											

Proposal 5015 - Observation 7 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU surv...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 7: CEERS_00672</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(7)	CEERS_00672	RA: 14 19 33.5200 (214.8896667d) Dec: +52 49 58.70 (52.83297d) Equinox: J2000									
	<p><i>Comments: Harikane23</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		8					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2RAPI D	30	1	false	true	NONE	8	8	3618.045	177242
	2	PRISM/CLEAR	NRSIRS2RAPI D	15	1	false	true	NONE	8	8	1867.378	
Special Requirements	<p>Aperture PA Range 128.97164917 to 140.97164917 Degrees (V3 350.0 to 2.0)</p> <p>Aperture PA Range 229.97164917 to 38.97164917 Degrees (V3 91.0 to 260.0)</p>											

Proposal 5015 - Observation 8 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU surv...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 8: CEERS_02782</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(8)	CEERS_02782	RA: 14 19 17.6300 (214.8234583d) Dec: +52 49 49.00 (52.83028d) Equinox: J2000									
	<p><i>Comments: Harikane23;Kocevski23:CEERS_1670</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		8					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2RAPID	30	1	false	true	NONE	8	8	3618.045	
	2	PRISM/CLEAR	NRSIRS2RAPID	15	1	false	true	NONE	8	8	1867.378	

Proposal 5015 - Observation 9 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU surv...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 9: CEERS_00397</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(9)	CEERS_00397	RA: 14 19 20.6900 (214.8362083d) Dec: +52 52 57.70 (52.88269d) Equinox: J2000									
	<p><i>Comments: Harikane23</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		8					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2RAPI D	30	1	false	true	NONE	8	8	3618.045	
	2	PRISM/CLEAR	NRSIRS2RAPI D	15	1	false	true	NONE	8	8	1867.378	
Special Requirements	<p>Aperture PA Range 189.97164917 to 253.97164917 Degrees (V3 51.0 to 115.0)</p> <p>Aperture PA Range 296.97164917 to 334.97164917 Degrees (V3 158.0 to 196.0)</p>											

Proposal 5015 - Observation 10 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 10: CEERS_00717</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</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			
	(10)	CEERS_00717	RA: 14 20 19.5400 (215.0814167d) Dec: +52 58 19.90 (52.97219d) Equinox: J2000									
	<p><i>Comments: Harikane23</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		8					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2RAPI D	30	1	false	true	NONE	8	8	3618.045	
	2	PRISM/CLEAR	NRSIRS2RAPI D	15	1	false	true	NONE	8	8	1867.378	

Proposal 5015 - Observation 11 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 11: GOODS_N_4014</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(11)	GOODS-N-4014	RA: 12 37 12.0300 (189.3001250d) Dec: +62 12 43.36 (62.21204d) Equinox: J2000									
	<p><i>Comments: Matthee23</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
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	NRSIRS2RAPID	30	1	false	true	NONE	8	8	3618.045	
Special Requirements	<p>Aperture PA Range 88.97164917 to 207.97164917 Degrees (V3 310.0 to 69.0)</p> <p>Aperture PA Range 297.97164917 to 357.97164917 Degrees (V3 159.0 to 219.0)</p>											

Proposal 5015 - Observation 14 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 14: JADES_159717</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU 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			
	(14)	JADES_159717	RA: 03 32 23.4068 (53.0975283d) Dec: -27 54 4.54 (-27.90126d) Equinox: J2000									
	<p><i>Comments: JADES</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		14					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2	23	1	false	true	NONE	14	14	23692.357	
	2	PRISM/CLEAR	NRSIRS2RAPID	37	1	false	true	NONE	14	14	7761.289	
Special Requirements	<p>Aperture PA Range 123.97164917 to 208.97164917 Degrees (V3 345.0 to 70.0)</p> <p>Aperture PA Range 288.97164917 to 48.97164917 Degrees (V3 150.0 to 270.0)</p>											

Proposal 5015 - Observation 27 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 27: JADES_159717</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 27:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(14)	JADES_159717	RA: 03 32 23.4068 (53.0975283d) Dec: -27 54 4.54 (-27.90126d) Equinox: J2000									
	<p><i>Comments: JADES</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		14					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2	23	1	false	true	NONE	14	14	23692.357	
	2	PRISM/CLEAR	NRSIRS2RAPID	37	1	false	true	NONE	14	14	7761.289	
Special Requirements	<p>Aperture PA Range 123.97164917 to 208.97164917 Degrees (V3 345.0 to 70.0)</p> <p>Aperture PA Range 288.97164917 to 48.97164917 Degrees (V3 150.0 to 270.0)</p>											

Proposal 5015 - Observation 15 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 15: GOODS_N_14409</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(15)	GOODS-N-14409	RA: 12 36 17.3000 (189.0720833d) Dec: +62 16 24.35 (62.27343d) Equinox: J2000									
	<p><i>Comments: Matthee23</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		8					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2	31	1	false	true	NONE	8	8	18206.935	
	2	PRISM/CLEAR	NRSIRS2RAPID	30	1	false	true	NONE	8	8	3618.045	
Special Requirements	<p>Aperture PA Range 152.97164917 to 171.97164917 Degrees (V3 14.0 to 33.0)</p> <p>Aperture PA Range 262.97164917 to 61.97164917 Degrees (V3 124.0 to 283.0)</p>											

Proposal 5015 - Observation 19 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 19: J1148_18404</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</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			
	(19)	J1148-18404	RA: 11 48 13.9100 (177.0579583d) Dec: +52 51 46.09 (52.86280d) Equinox: J2000									
	<p><i>Comments: Mathee23</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		8					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2RAPI D	30	1	false	true	NONE	8	8	3618.045	
	2	PRISM/CLEAR	NRSIRS2RAPI D	15	1	false	true	NONE	8	8	1867.378	

Proposal 5015 - Observation 20 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 20: J0148_4214</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(20)	J0148-4214	RA: 01 48 33.2900 (27.1387083d) Dec: +05 59 50.04 (5.99723d) Equinox: J2000									
	<p><i>Comments: Mathee23</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		8					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2RAPID	30	1	false	true	NONE	8	8	3618.045	
	2	PRISM/CLEAR	NRSIRS2RAPID	15	1	false	true	NONE	8	8	1867.378	

Proposal 5015 - Observation 21 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 21: UNCOVER_20466</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 21:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(21)	UNCOVER_20466	RA: 00 14 33.7000 (3.6404167d) Dec: -30 23 11.18 (-30.38644d) Equinox: J2000									
	<p><i>Comments: Kokorev23;Greene23:20466</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method					HFF Readout Mode						
	NONE					false						
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		14					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2	26	1	false	true	NONE	14	14	26756.024	177356
	2	PRISM/CLEAR	NRSIRS2RAPID	34	1	false	true	NONE	14	14	7148.556	

Proposal 5015 - Observation 22 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 22: Abell2744_QSO1a</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 22:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(22)	Abell2744-QSO1a	RA: 00 14 19.1610 (3.5798375d) Dec: -30 24 5.66 (-30.40157d) Equinox: J2000									
	<p><i>Comments: Furtak23&24_imageA;Greene23:13123</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		14					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2	26	1	false	true	NONE	14	14	26756.024	
	2	PRISM/CLEAR	NRSIRS2RAPID	34	1	false	true	NONE	14	14	7148.556	
Special Requirements	<p>Aperture PA Range 39.97164917 to 108.97164917 Degrees (V3 261.0 to 330.0)</p> <p>Aperture PA Range 135.97164917 to 247.97164917 Degrees (V3 357.0 to 109.0)</p> <p>Aperture PA Range 271.97164917 to 344.97164917 Degrees (V3 133.0 to 206.0)</p>											

Proposal 5015 - Observation 23 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 23: G23_4286</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(23)	G23_4286	RA: 00 14 28.6100 (3.6192083d) Dec: -30 25 23.77 (-30.42327d) Equinox: J2000									
	<p><i>Comments: Greene23</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		8					
Spectral Elements	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Exp	Leakcal	Dither	Autocal	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	G395H/F290LP	NRSIRS2	13	1	false	true	NONE	8	8	7702.934	
	2	PRISM/CLEAR	NRSIRS2RAPID	15	1	false	true	NONE	8	8	1867.378	
Special Requirements	Aperture PA Range 118.97164917 to 238.97164917 Degrees (V3 340.0 to 100.0)											

Proposal 5015 - Observation 24 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 24: G23_13821</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(24)	G23_13821	RA: 00 14 28.9500 (3.6206250d) Dec: -30 23 59.82 (-30.39995d) Equinox: J2000									
	<p><i>Comments: Greene23</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
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	13	1	false	true	NONE	8	8	7702.934	
	2	PRISM/CLEAR	NRSIRS2RAPID	15	1	false	true	NONE	8	8	1867.378	

Proposal 5015 - Observation 25 - Unveiling the nature and impact of the first population of black holes: an extensive NIRSpec-IFU sur...

Tue Jan 28 18:00:14 GMT 2025

Observation	<p>Proposal 5015, Observation 25: G23_41225</p> <p>Diagnostic Status: Warning</p> <p>Observing Template: NIRSpec IFU Spectroscopy</p>											
Diagnostics	(Visit 25:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(25)	G23_41225	RA: 00 14 8.1600 (3.5340000d) Dec: -30 21 11.91 (-30.35331d) Equinox: J2000									
	<p><i>Comments: Greene23</i></p> <p><i>Category=Galaxy</i></p> <p><i>Description=[Active galactic nuclei]</i></p> <p><i>Extended=YES</i></p>											
Template	TA Method						HFF Readout Mode					
	NONE						false					
Dithers	#	Dither Type		Size	Starting Point		Number of Points		Points			
	1	CYCLING		MEDIUM	1		14					
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	26	1	false	true	NONE	14	14	26756.024	
	2	PRISM/CLEAR	NRSIRS2RAPID	34	1	false	true	NONE	14	14	7148.556	
Special Requirements	<p>Aperture PA Range 178.97164917 to 228.97164917 Degrees (V3 40.0 to 90.0)</p> <p>Aperture PA Range 273.97164917 to 128.97164917 Degrees (V3 135.0 to 350.0)</p>											