

1176 - JWST Medium-Deep Fields -- Windhorst IDS GTO Program

Cycle: 1, Proposal Category: GTO

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OBSERVATIONS

Folder	Observation	Label	Observing Template	Science Target		
1: Lensi	ing clusters		-	•		
	211	MACS0416-24	NIRCam Imaging	(9) MACSJ0416.1-2403		
	212 MACS0416-24		NIRCam Imaging	(9) MACSJ0416.1-2403		
			NIRCam Imaging	(9) MACSJ0416.1-2403		
	221 Abell 2744		NIRCam Imaging	(10) ACO-2744		
	231	MACS1149+22	NIRCam Imaging	(11) MACSJ1149+2223		
	241	El Gordo	NIRCam Imaging	(12) EL-GORDO		
	251	PLCK G165.7+67.0	NIRCam Imaging	(13) PLCK-G165.7+67.0		
	261	GAMA 100033	NIRCam Imaging	(14) GAMA-100033		
	271	RXC J1212+27	NIRCam Imaging	(15) CLG-J1212+2733		
	281	PLCK G191.24+62.04	NIRCam Imaging	(25) PLCK-G191.24+62.04		

	•	•	Observing Template	Science Target		
2A: NEP	Time-Domain	Field				
1	.11	NEP TDF Spoke GTO1	NIRCam Imaging	(8) JWST-NEP-TDS-FIELD		
1	.12	NEP TDF Spoke GTO2	NIRCam Imaging	(8) JWST-NEP-TDS-FIELD		
1	.13	NEP TDF Spoke GTO3	NIRCam Imaging	(8) JWST-NEP-TDS-FIELD		
1	14	NEP TDF Spoke GTO4	NIRCam Imaging	(8) JWST-NEP-TDS-FIELD		
2B: IRAC	C dark field					
1:	21	SPITZER IDF	NIRCam Imaging	(7) SPITZER-IDF		
3: WFC3	ERS Field					
1:	31	WFC3-ERS-FIELD	NIRCam Imaging	(16) WFC3-ERS-FIELD		
4A: z=6 (QSOs					
3	311	NDWFS 1425	NIRSpec IFU Spectroscopy	(22) NDWFS-1425+3254-CENTRE		
3:	321	SDSS 0005	NIRSpec IFU Spectroscopy	(24) SDSS-J0005-0006-CENTRE		
4B: z=7.5	AGN candidat	te				
3	331	z751 Galaxy	NIRSpec IFU Spectroscopy	(19) FIGS1292		
4C: Back	lit galaxies					
3	341	VV 191	NIRCam Imaging	(5) VV-191		
4D: z=4-5	5 proto-cluster					
3	361	TN-J1338-1942-IRFLD	NIRCam Imaging	(17) TN-J1338-1942-IRFLD1		

ABSTRACT

We will use 110 hours of JWST IDS GTO time to observe a number of medium-deep fields. To study the epoch of galaxy assembly, AGN growth and First Light in detail. This includes a combination of blank deep fields, best lensing clusters and high-redshift Lyman-alpha galaxies, quasars, and radio galaxies. For details, see attached PDF.

The first epoch data taken for this program will have no exclusive access period.

OBSERVING DESCRIPTION

WINDHORST IDS --- JWST GTO PROJECT TITLE:

The Webb Medium-Deep Fields: Galaxy Assembly, Supermassive Blackhole Growth, First Light and Reionization Studies

WINDHORST IDS --- JWST GTO SCIENCE SUMMARY:

Following our original JWST IDS proposal approved in 2002, we will use our allocated 110 hours of GTO time for a survey of Webb Medium-Deep Fields in JWST Cycle 1. Our "WMDF" survey will image ~24 NIRCam fields in up to 8 filters to AB < 28.5--29 mag, totaling 240 arcmin\$^2\$ or 0.065 deg\$^2\$, or an area equivalent to ~48 HUDF/XDFs. In several of our NIRCam fields, coordinated NIRISS grism and imaging parallels will cover our previous NIRCam images, and/or UV-optical--near-IR images that are available from HST WFC3+ACS. The coordinated parallels will be used for both object characterization and redshifts, and to expand the area and time-baseline of time-domain studies.

Our WMDF will image at least 14 independent lines-of-sight with NIRCam all over the sky, and is therefore much more robust against cosmic variance at AB < 28 mag than JWST programs that image only a few primary areas. The proposed coordinated parallel observations play a critical part in obtaining imaging and grism data that is as homogeneous as possible, over as large an area as possible, and in the least amount of time that is actually feasible with JWST.

Several of our WMDF fields will have a time-domain component on time-scales of hours to a year. We will use the WMDFs to study galaxy assembly and AGN growth over cosmic time. This includes galaxies and early AGN in the epoch of reionization at z > 6, including dust-obscured star-formation and AGN that may be hidden at visible wavelengths.

The WMDF time-domain component will allow us to find and study objects with high parallax in our solar system, Galactic brown dwarfs with high proper motion and/or atmospheric variability, variable weak AGN, high redshift supernovae, and time-varying objects seen behind lensing clusters, including possible cluster caustic transits.

Specifically, as in our original 2002 proposal, and our 2014, 2016, and 2018 resubmissions, our targets are a combination of high ecliptic latitude blank fields, some well known high redshift galaxies with AGN, including high redshift Lyman-alpha galaxies, protoclusters, quasars, and radio galaxies. To better study the First Light epoch, in light of developments with HST WFC3 over the past decade, the WMDF will also image several well-studied and also newly selected rich galaxy clusters that boost the signal of very faint z > 8 objects via their strong gravitational lensing effect. As a benchmark for the study of high redshift dusty environments, we will also study a nearby overlapping galaxy pair.

To encourage immediate use of JWST data by the community and follow-up proposals by both JWST ERS and Cycle 1 GO proposers, we will make

JWST Proposal 1176 (Created: Tuesday, December 10, 2019 at 7:00:27 PM Eastern Standard Time) - Overview the first epoch of our JWST NEP Time-Domain Field (TDF) public immediately (\# 111 in Table 1). The other 3 JWST epochs will be released together with the v1 data products as soon as we have these. Also public rightaway will be 36 primary and 36 parallel Cycle 25 HST orbits in the WFC3/UVIS F275W and ACS/WFC B435+V606 filters, an initial 300 ksec of Chandra Cycle 19 ACIS time, as well as VLA 3 GHz B-array and VLBA 4.5 GHz images to mu-Jy levels, with VLA A-array data proposed. The presence of a 239 mJy quasar at z=1.4429 in the JWST NEP TDF that is unresolved at m.a.s. VLBI resolution will provide VLA/VLBA images of very high dynamic range. Our data release will also include LBT/LBC Ugrz images to AB < 26.5 mag and MMT/MMIRS images to YJHK< 24--22 mag, to provide astrometric and photometric calibration of the first JWST NIRCam observations.

Here follow the relevant notes to our Observation Table submitted to STScI on June 19, 2019:

- (1) We will image with NIRCam in the standard 8 broad-band filter set, except for the shallowest targets, where we may drop some filters. For the NEP Time-Domain Field (TDF), we require coordinated parallel observations with NIRISS/WFSS (F150C and F150R grisms) for both object characterization and redshifts, and time-domain studies (direct images in F200W). Details and the scientific justification of the necessary coordinated parallels (CPARs) are given in Appendix A. All coordinated parallels as schedulable with APT 27.1.1 in Cycle 1 are indicated in Table 1 in parentheses.
- (2) Where possible, we implemented coordinated parallel NIRISS imaging to overlap as much as possible with existing HST imaging. This is critical for our main science goal of finding high redshifts objects in the Medium-Deep Fields, and for our time-domain science, as explained in Appendix A. For the deeper as well as the shallower fields, coordinated parallel imaging is done in the 4 central NIRISS broad-band filters (F150W, F200W, F277W, F356W) to find high redshift objects with the JWST-unique filters. The F150W filter overlaps with previous HST WFC3/IR F160W images for time-domain science.
- (3) All times listed in Table 1 are: (Net exposure times) / (Total charged calendar time) as reported by APT 27.1.1 as of June 19, 2019. All times were calculated by APT 27.1.1 in units of seconds. Only the total sum of 113.3 hr is given in hours. Details are given in the attached xlsx file. We refer the reader to our submitted xlsx table (or the aptx file) for a detailed description of the actual observations and their intended layout on the sky. Except for the still evolving APT overheads, all the remainder should be accurate as of the submission date of June 19, 2019.
- (4) Depending on how the exact JWST overhead charges further evolve in 2019, our final plan to observe our targets in Table 1 will have to be modified somewhat in late 2019. With APT 28.1 in fall 2019, we will then also bring our total time to fit within the allocated 110.0 hrs of JWST

GTO time. Our science plan and targets will remain the same, even if we need to drop a target in late 2019 to match our 110.0 hr allocation. The listed coordinated parallels remain essential to the science goals of our WMDF project, and cannot be sacrificed, even if the overheads change from what we obtained with APT 27.1.1 in Table 1 in June 2019.

(5) According to the JWST ETC, typical 5-sigma sensitivities obtained for point sources from our shallowest (~2 hr) to our deepest (< 6 hr) mosaics are <28.0--28.5 mag to <28.5--29.0 mag per target, respectively. Each of the two AB-magnitude ranges here indicate the typical depth variation from the less sensitive, reddest (3--5 micron) filters to the most sensitive, bluer (0.9--3 micron) NIRCam and NIRISS filters. Some variations in these sensitivity values will occur from field-to-field, depending on exactly how much time can be fit into the final APTs for each field within our total GTO allocation, and on the exact on-orbit Zodical and rogue-path and straylight contributions in each particular WMDF field.

Further details can be obtained from the PDF file submitted to STScI in June 2019.

Proposal 1176 - Targets - JWST Medium-Deep Fields Windhorst IDS GTO Program

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous						
(5)	VV-191	RA: 13 48 22.0992 (207.0920800d)	Proper Motion RA: 0							
		Dec: +25 40 40.01 (25.67778d)	Proper Motion Dec: 0							
		Equinox: J2000	•							
		he targetselector and retrieved from the NED datab	ase.							
Descrip	Category=Galaxy Description=[Elliptical galaxies, Spiral arms, Spiral galaxies] Extended=YES									
(7)	SPITZER-IDF	RA: 17 40 8.0000 (265.0333333d)								
		Dec: +69 00 8.00 (69.00222d)								
		Equinox: J2000								
	y=Unidentified	d sources, Variable radiation sources]								
(8)	JWST-NEP-TDS-FIELD	RA: 17 22 47.8960 (260.6995667d)								
(6)	JWS1-NEF-1DS-FIELD	· · · · · · · · · · · · · · · · · · ·								
		Dec: +65 49 21.54 (65.82265d) Equinox: J2000								
Comme	nts: For details on the field selection	on and choice of pointing center, see:								
Jansen,	R.A., & Windhorst, R.A. 2018, PAS dsabs.harvard.edu/abs/2018PASP	SP 130, 12400Ĭ;								
James	ferred identifications of this newly o s Webb Space Telescope North Ecli, NEP Time-Domain Field NEP TDF	developed field are (in order of brevity): iptic Pole Time-Domain Field								
James JWST Categor	s Webb Space Telescope North Ecli NEP TDS Field y=Unidentified tion=[Infrared sources, Radio sour	sons in "Name in the Proposal" above, are: iptic Pole Time-Domain Survey Field" rces, Variable radiation sources, Visible sources, X-	-ray sources]							
(9)	MACSJ0416.1-2403	RA: 04 16 8.9000 (64.0370833d)								
		Dec: -24 04 28.70 (-24.07464d)								
		Equinox: J2000								
Coordin Categor	nts: This object was generated by th nates updated to match HFF pointin y=Clusters of Galaxies tion=[Rich clusters]	the targetselector and retrieved from the SIMBAD doings as published in Lotz et al. (2017).	atabase.							
(10)	ACO-2744	RA: 00 14 21.2000 (3.5883333d)								
		Dec: -30 23 50.10 (-30.39725d)								
		Equinox: J2000								
Coordin	nts: This object was generated by th tates updated to match HFF pointin y=Clusters of Galaxies	he targetselector and retrieved from the SIMBAD do ngs as published in Lotz et al. (2017).	atabase.							
Descrip	tion=[Abell clusters, Rich clusters]	1								
(11)	MACSJ1149+2223	RA: 11 49 36.3000 (177.4012500d)								
		Dec: +22 23 58.10 (22.39947d)								
		Equinox: J2000								
Coordin Categor	nts: This object was generated by th aates updated to match HFF pointin y=Clusters of Galaxies tion=[Rich clusters]	he targetselector and retrieved from the SIMBAD de ngs as published in Lotz et al. (2017).	atabase.							

Proposal 1176 - Targets - JWST Medium-Deep Fields -- Windhorst IDS GTO Program (12) **EL-GORDO** RA: 01 02 52.5000 (15.7187500d) Dec: -49 14 58.00 (-49.24944d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=Clusters of Galaxies Description=[Rich clusters] PLCK-G165.7+67.0 (13)RA: 11 27 15.0000 (171.8125000d) Dec: +42 28 31.00 (42.47528d) Equinox: J2000 Comments: Category=Clusters of Galaxies Description=[Rich clusters] (14)GAMA-100033 RA: 08 42 20.8930 (130.5870542d) Dec: +01 38 32.66 (1.64241d) Equinox: J2000 Comments: Category=Clusters of Galaxies Description=[Galaxy groups] (15)CLG-J1212+2733 RA: 12 12 22.5128 (183.0938033d) Dec: +27 34 13.88 (27.57052d) Equinox: J2000 Comments: This object was generated by the targetselector and retrieved from the SIMBAD database. Category=Clusters of Galaxies Description=[Rich clusters] (16)WFC3-ERS-FIELD RA: 03 32 42.3970 (53.1766542d) Dec: -27 42 7.93 (-27.70220d) Equinox: J2000 Comments: Category=Galaxy Description=[Field galaxies, High-redshift galaxies, Lyman-break galaxies] (17)TN-J1338-1942-IRFLD1 RA: 13 28 26.4420 (202.1101750d) Dec: -19 44 26.97 (-19.74082d) Equinox: J2000 Comments: Category=Clusters of Galaxies Description=[High-redshift clusters] (19)FIGS1292 RA: 12 36 37.9130 (189.1579708d) Epoch of Position: 2000 Dec: +62 18 8.60 (62.30239d) Equinox: J2000 Comments: Category=Galaxy Description=[High-redshift galaxies] Extended=NO (20)ACQTARGET RA: 12 36 37.4380 (189.1559917d) Dec: +62 18 14.80 (62.30411d) Equinox: J2000 Comments: Category=Galaxy Description=[Field galaxies]

Extended=YES

Proposal 1176 - Targets - JWST Medium-Deep Fields -- Windhorst IDS GTO Program

(21) NDWFS-1425+3254- RA: 14 25 16.3687 (216.3182029d)
QUASAR Dec: +32 54 9.30 (32.90258d)

Equinox: J2000

Comments: Category=Galaxy

Description=[Active galactic nuclei, High-redshift galaxies, Infrared galaxies, Quasars]

Extended=YES

(22) NDWFS-1425+3254- RA: 14 25 16.4109 (216.3183787d)
CENTRE Prov. 22 54 0 40 (22 00264)

Dec: +32 54 9.49 (32.90264d)

Equinox: J2000

Comments: Category=Galaxy

Description=[Active galactic nuclei, High-redshift galaxies, Infrared galaxies, Quasars]

Extended=YES

(23) SDSS-J0005-0006-QUASAR RA: 00 05 52.3186 (1.4679942d)

Dec: -00 06 56.20 (-.11561d)

Equinox: J2000

Comments: This object was generated by the targetselector and retrieved from the NED database.

Category=Galaxy

Description=[Active galactic nuclei, High-redshift galaxies, Quasars]

Extended=YES

(24) SDSS-J0005-0006-CENTRE RA: 00 05 52.3437 (1.4680988d)

Dec: -00 06 56.98 (-.11583d)

Equinox: J2000

Comments: This object was generated by the targetselector and retrieved from the NED database.

Category=Galaxy

Description=[Active galactic nuclei, High-redshift galaxies, Quasars]

Extended=YES

(25) PLCK-G191.24+62.04 RA: 10 44 43.9450 (161.1831042d)

Dec: +33 52 1.61 (33.86711d)

Equinox: J2000

Comments:

Category=Clusters of Galaxies

Description=[High-redshift clusters, Rich clusters]

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1 Be	F090W	F444W	DEEP8	7	1	3	3	4122.92	
<u>a</u> 2	F115W	F410M	DEEP8	7	1	3	3	4122.92	
3	F150W	F356W	MEDIUM8	9	1	3	3	2834.507	
12 4	F200W	F277W	MEDIUM8	9	1	3	3	2834.507	
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Spectral Elements	# 1 2 3 4	Short Filter F090W F115W F150W F200W	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 7 7 9	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 4122.92 4122.92 2834.507	ETC Wkbk.Calc
Spectral Elements	# 1	Short Filter F090W F115W F150W F200W	Long Filter F444W F410M F356W F277W (V3 19.112526 to 23.11	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 7 7 9	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 4122.92 4122.92 2834.507	ETC Wkbk.Calc
Spectral Elements	Aperture PA	Short Filter F090W F115W F150W F200W Range 19 to 23 Degrees Range 109 to 113 Degree	NTRAMODULEX Long Filter F444W F410M F356W F277W (V3 19.112526 to 23.11	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8	Groups/Int 7 7 9	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 4122.92 4122.92 2834.507	ETC Wkbk.Calc
ements Spectral Elements	Aperture PA Aperture PA Aperture PA	Short Filter F090W F115W F150W F200W Range 19 to 23 Degrees Range 109 to 113 Degree Range 199 to 203 Degree Range 289 to 293 Degree Range 289 to 293 Degree	NTRAMODULEX Long Filter F444W F410M F356W F277W (V3 19.112526 to 23.11 es (V3 109.112526 to 11) es (V3 199.112526 to 20.11)	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8 2526) 13.112526) 13.112526)	Groups/Int 7 7 9	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 4122.92 4122.92 2834.507	ETC Wkbk.Calc
ements Spectral Elements	Aperture PA Aperture PA Aperture PA Offset -85.0	Short Filter F090W F115W F150W F200W Range 19 to 23 Degrees Range 109 to 113 Degree Range 199 to 203 Degree	NTRAMODULEX Long Filter F444W F410M F356W F277W (V3 19.112526 to 23.11 es (V3 109.112526 to 11) es (V3 199.112526 to 20.11)	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8 2526) 13.112526) 13.112526)	Groups/Int 7 7 9	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 4122.92 4122.92 2834.507	ETC Wkbk.Calc
ements Spectral Elements	Aperture PA Aperture PA Aperture PA Offset -85.0 a No Parallel	F090W F115W F150W F200W Range 19 to 23 Degrees Range 109 to 113 Degree Range 199 to 203 Degree Range 289 to 293 Degree arcsec, -5.0 arcsec	NTRAMODULEX Long Filter F444W F410M F356W F277W (V3 19.112526 to 23.11 es (V3 109.112526 to 11 es (V3 199.112526 to 26 es (V3 289.112526 to 26	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8 2526) 13.112526) 13.112526)	Groups/Int 7 7 9	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 4122.92 4122.92 2834.507	ETC Wkbk.Calc
ements Spectral Elements	Aperture PA Aperture PA Aperture PA Offset -85.0 a No Parallel	F090W F115W F150W F200W Range 19 to 23 Degrees Range 109 to 113 Degree Range 199 to 203 Degree Range 289 to 293 Degree arcsec, -5.0 arcsec	NTRAMODULEX Long Filter F444W F410M F356W F277W (V3 19.112526 to 23.11 es (V3 109.112526 to 11 es (V3 199.112526 to 26 es (V3 289.112526 to 26	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8 2526) 13.112526) 13.112526)	Groups/Int 7 7 9	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 4122.92 4122.92 2834.507	ETC Wkbk.Calc
ements Spectral Elements	Aperture PA Aperture PA Aperture PA Offset -85.0 a No Parallel	Short Filter F090W F115W F150W F200W Range 19 to 23 Degrees Range 109 to 113 Degree Range 199 to 203 Degree Range 289 to 293 Degree Range 289 to 293 Degree	NTRAMODULEX Long Filter F444W F410M F356W F277W (V3 19.112526 to 23.11 es (V3 109.112526 to 11 es (V3 199.112526 to 26 es (V3 289.112526 to 26	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8 2526) 13.112526) 13.112526)	Groups/Int 7 7 9	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 4122.92 4122.92 2834.507	ETC Wkbk.Calc
ements Spectral Elements	Aperture PA Aperture PA Aperture PA Offset -85.0 a No Parallel	F090W F115W F150W F200W Range 19 to 23 Degrees Range 109 to 113 Degree Range 199 to 203 Degree Range 289 to 293 Degree arcsec, -5.0 arcsec	NTRAMODULEX Long Filter F444W F410M F356W F277W (V3 19.112526 to 23.11 es (V3 109.112526 to 11 es (V3 199.112526 to 26 es (V3 289.112526 to 26	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8 2526) 13.112526) 13.112526)	Groups/Int 7 7 9	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 4122.92 4122.92 2834.507	ETC Wkbk.Calc
Spectral Elements	Aperture PA Aperture PA Aperture PA Offset -85.0 a No Parallel	F090W F115W F150W F200W Range 19 to 23 Degrees Range 109 to 113 Degree Range 199 to 203 Degree Range 289 to 293 Degree arcsec, -5.0 arcsec	NTRAMODULEX Long Filter F444W F410M F356W F277W (V3 19.112526 to 23.11 es (V3 109.112526 to 11 es (V3 199.112526 to 26 es (V3 289.112526 to 26	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8 2526) 13.112526) 13.112526)	Groups/Int 7 7 9	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 4122.92 4122.92 2834.507	ETC Wkbk.Calc

<u>Pr</u> c	posal 1	176 - Observation	<u>on 213 - JW</u> ST	Medium-Dee	<u>p Fields</u> V	<u> Vindhorst IDS</u> G	<u>STO Progr</u> am			
		176, Observation 213: M.							Wed Dec	11 00:00:27 GMT 2019
Observation	Diagnostic S	Status: Warning								
\ <u>8</u>	_	Cemplate: NIRCam Imagir	ıg							
l š		1	6							
۱ä										
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Diagnostics	(Visit 213:1)) Warning (Form): Overhe	eads are provisional unti	l the Visit Planner has l	been run.					
St										
ΙĔ										
<u>a</u> . I										
ြွ	#	Name	Target Coord	linates		Targ. Coord. Correc	etions	Misce	llaneous	
Targets	(9)	MACSJ0416.1-2403	RA: 04 16 8.9	000 (64.0370833d)						
<u>ا چ</u>			Dec: -24 04 2	3.70 (-24.07464d)						
⊨			Equinox: J200	00						
Fixed	Comments:	This object was generated	by the targetselector a	nd retrieved from the SI	MBAD database.					
I.ĕ	Coordinates	s updated to match HFF po Clusters of Galaxies	ointings as published in	Lotz et al. (2017).						
-	Description:	=[Rich clusters]								
क	Module					Subarray				
<u>a</u>	ALL					FULL				
ΙĒ										
Template										
-	# Primary Dither Type Primary Dithers					Subpixel Dither Ty	ype Dithe	er Size	Subpixel P	ositions
je l	1		NTRAMODULEX	3		STANDARD			1	
Dithers										
_	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure	ETC Wkbk.Calc
Spectral Elements									Time	ID
ΙĔ	1	F090W	F444W	DEEP8	6	1	3	3	3478.713	
I≝	2	F115W	F410M	DEEP8	6	1	3	3	3478.713	
<u></u>	3	F150W	F356W	MEDIUM8	9	1	3	3	2834.507	
ΙĦ	4	F200W	F277W	MEDIUM8	9	1	3	3	2834.507	
Ιĕ										
S										
ts	Aperture PA	Range 19 to 23 Degrees	(V3 19.112526 to 23.11	2526)						
ements	Aperture PA	A Range 109 to 113 Degree A Range 199 to 203 Degree	es (V3 109.112526 to 1	13.112526)						
 E	Aperture PA	Range 289 to 293 Degree	es (V3 289.112526 to 29	93.112526)						
4	Offset -85.0	arcsec, -5.0 arcsec		•						
	No Parallel									
		12 by 30 Days to 300 Days	S							
		12 by 30 Days to 300 Days	S							
		12 by 30 Days to 300 Days	S							
Special Require		12 by 30 Days to 300 Days	s							

Pro	posal 1	176 - Observat	ion 221 - JWST	Medium-Dee	p Fields \	Windhorst IDS C	STO Program			
		176, Observation 221: A					•		Wed Dec	11 00:00:27 GMT 2019
Ιĕ	Diagnostic	Status: Warning								
%	Observing T	Геmplate: NIRCam Imag	ing							
Se		1								
Observation										
_	(T. 1, 201 1) W ' (F) O 1		1.1 37''. D1 1 1						
Diagnostics	(V1S1t 221:1) warning (Form): Overl	heads are provisional unti	the Visit Planner has i	been run.					
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<u>ā</u> .										
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ဟု	#	Name	Target Coord			Targ. Coord. Correc	etions	Misce	llaneous	
Targets	(10)	ACO-2744		2000 (3.5883333d)						
ar				0.10 (-30.39725d)						
ΙĻ			Equinox: J200							
Fixed	Comments:	This object was generate	ed by the targetselector ar pointings as published in	nd retrieved from the SI	MBAD database.					
ⓒ	Category=C	Clusters of Galaxies		Loiz et al. (2017).						
└	Description	=[Abell clusters, Rich cl	usters]							
Template	Module					Subarray				
I≝	ALL					FULL				
Ε										
Ľ										
SIS	#		Primary Dither Type	Primary Di	thers	Subpixel Dither Ty	Subpixel P	ppixel Positions		
Dithers	1		INTRAMODULEX	3		STANDARD			1	
⊡										
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
Įξ	1	F090W	F444W	DEEP8	6	1	3	3	3478.713	
	2	F115W	F410M	DEEP8	6	1	3	3	3478.713	
١٣	3	F150W	F356W	MEDIUM8	8	1	3	3	2512.404	
122	4	F200W	F277W	MEDIUM8	8	1	3	3	2512.404	
l ĕ										
Ŋ										
ţŞ	Aperture PA	A Range 5 to 9 Degrees (V3 5.112526 to 9.112526)						
ements	Aperture PA	A Range 95 to 99 Degrees	s (V3 95 112526 to 99 11	2526)						
ΙĔ	Aperture PA	A Range 185 to 189 Degr A Range 275 to 279 Degr	rees (V3 185.112526 to 18 rees (V3 275.112526 to 27	79.112526)						
	Offset -85.0	arcsec, -5.0 arcsec	,	/						
<u>B</u>	No Parallel Background	l Limited. Background no	o more than 10% above m	ninimum						
Re l			1070 400 10 11							
a l										
1.2										
T O										
Special Requir										

Pro	posal 1	176 - Observati	on 231 - JWST	· Medium-Dee	o Fields V	Vindhorst IDS G	IO Program			
		176, Observation 231: M					-		Wed Dec	11 00:00:27 GMT 2019
Observation	-	Status: Warning								
ĕ	_	Геmplate: NIRCam Imagi	ng							
ĕ	o coor ring i	empiate i tiream imagi	6							
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Diagnostics	(Visit 231:1) Warning (Form): Overh	eads are provisional unti	ll the Visit Planner has l	een run.					
st										
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ag										
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ွ	#	Name	Target Coord	linates		Targ. Coord. Correc	tions	Misce	llaneous	
Targets	(11)	MACSJ1149+2223	RA: 11 49 36.	3000 (177.4012500d)						
<u>ا چ</u>			Dec: +22 23 5	8.10 (22.39947d)						
≝			Equinox: J200	00						
Fixed	Comments:	This object was generated	d by the targetselector a	nd retrieved from the SI	MBAD database.					
I∴	Coordinates	s updated to match HFF p	ointings as published in	Lotz et al. (2017).						
	Description	Clusters of Galaxies =[Rich clusters]								
ţ	Module					Subarray				
l ≅	ALL					FULL				
Template										
I₽										
ร	#	F	Primary Dither Type	Primary Di	thers	Subpixel Dither Ty	vpe Dithe	er Size	Subpixel P	agitions
<u>۽</u>		-					F		Bubpixer	OSITIONS
-	1		NTRAMODULEX	3		STANDARD			1	OSITIONS
Dithers	1					•	,			ositions
_	#				Groups/Int	•	Total Integrations	Total Dithers		ETC Wkbk.Calc
_	#	I	NTRAMODULEX	3		STANDARD		Total Dithers	1 Total Exposure	ETC Wkbk.Calc
_	# 1 2	Short Filter	NTRAMODULEX Long Filter	3 Readout Pattern	Groups/Int	STANDARD Integrations/Exp	Total Integrations		l Total Exposure Time	ETC Wkbk.Calc
_	# 1 2 3	Short Filter F090W	Long Filter F444W	Readout Pattern DEEP8	Groups/Int	STANDARD Integrations/Exp	Total Integrations	3	Total Exposure Time 3478.713	ETC Wkbk.Calc
_	# 1 2 3 4	Short Filter F090W F115W	Long Filter F444W F410M	Readout Pattern DEEP8 DEEP8	Groups/Int 6 6	STANDARD Integrations/Exp	Total Integrations 3 3	3 3	1 Total Exposure Time 3478.713 3478.713	ETC Wkbk.Calc
_	# 1 2 3 4	Short Filter F090W F115W F150W	Long Filter F444W F410M F356W	Readout Pattern DEEP8 DEEP8 MEDIUM8	Groups/Int 6 6 8	STANDARD Integrations/Exp	Total Integrations 3 3 3	3 3 3	Total Exposure Time 3478.713 3478.713 2512.404	ETC Wkbk.Calc
Spectral Elements Dit	# 1 2 3 4	Short Filter F090W F115W F150W	Long Filter F444W F410M F356W	Readout Pattern DEEP8 DEEP8 MEDIUM8	Groups/Int 6 6 8	STANDARD Integrations/Exp	Total Integrations 3 3 3	3 3 3	Total Exposure Time 3478.713 3478.713 2512.404	ETC Wkbk.Calc
Spectral Elements	1 2 3 4	Short Filter F090W F115W F150W F200W	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	STANDARD Integrations/Exp	Total Integrations 3 3 3	3 3 3	Total Exposure Time 3478.713 3478.713 2512.404	ETC Wkbk.Calc
Spectral Elements	1 2 3 4 Aperture PA Offset -85.0	Short Filter F090W F115W F150W	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	STANDARD Integrations/Exp	Total Integrations 3 3 3	3 3 3	Total Exposure Time 3478.713 3478.713 2512.404	ETC Wkbk.Calc
Spectral Elements	1 2 3 4 Aperture PA	Short Filter F090W F115W F150W F200W	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	STANDARD Integrations/Exp	Total Integrations 3 3 3	3 3 3	Total Exposure Time 3478.713 3478.713 2512.404	ETC Wkbk.Calc
ements Spectral Elements	1 2 3 4 Aperture PA Offset -85.0	Short Filter F090W F115W F150W F200W	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	STANDARD Integrations/Exp	Total Integrations 3 3 3	3 3 3	Total Exposure Time 3478.713 3478.713 2512.404	ETC Wkbk.Calc
ements Spectral Elements	1 2 3 4 Aperture PA Offset -85.0	Short Filter F090W F115W F150W F200W	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	STANDARD Integrations/Exp	Total Integrations 3 3 3	3 3 3	Total Exposure Time 3478.713 3478.713 2512.404	ETC Wkbk.Calc
ements Spectral Elements	1 2 3 4 Aperture PA Offset -85.0	Short Filter F090W F115W F150W F200W	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	STANDARD Integrations/Exp	Total Integrations 3 3 3	3 3 3	Total Exposure Time 3478.713 3478.713 2512.404	ETC Wkbk.Calc
ements Spectral Elements	1 2 3 4 Aperture PA Offset -85.0	Short Filter F090W F115W F150W F200W	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	STANDARD Integrations/Exp	Total Integrations 3 3 3	3 3 3	Total Exposure Time 3478.713 3478.713 2512.404	ETC Wkbk.Calc
ements Spectral Elements	1 2 3 4 Aperture PA Offset -85.0	Short Filter F090W F115W F150W F200W	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	STANDARD Integrations/Exp	Total Integrations 3 3 3	3 3 3	Total Exposure Time 3478.713 3478.713 2512.404	ETC Wkbk.Calc
Spectral Elements	1 2 3 4 Aperture PA Offset -85.0	Short Filter F090W F115W F150W F200W	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	STANDARD Integrations/Exp	Total Integrations 3 3 3	3 3 3	Total Exposure Time 3478.713 3478.713 2512.404	ETC Wkbk.Calc

Pro	posal 1	176 - Observatio	n 241 - JWST	Medium-Deep	p Fields V	Vindhorst IDS C	STO Program			
_		176, Observation 241: El C							Wed Dec	11 00:00:27 GMT 2019
Observation	Diagnostic	Status: Warning								
Įĕ	Observing T	Template: NIRCam Imaging	ţ							
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l유										
	(Vicit 241.1) Warning (Form): Overhea	de are provisional until	the Visit Planner has l	agan mun					
l ä	(V ISIL 241.1) warning (Form). Overnea	ids are provisional until	the visit Flamler has t	been run.					
osi										
ğ										
Diagnostics										
_	#	Name	Target Coord	inetes		Targ. Coord. Correc	tions	Misco	llaneous	
Fixed Targets	(12)	EL-GORDO		5000 (15.7187500d)		raig. Coord. Correc	tions	Misco	nancous	
E g	(12)	LL-GORDO		.00 (-49.24944d)						
ľ			Equinox: J2000							
g	Commontes	This object was generated b	•		MPAD databasa					
ĽĚ	Category=C	Clusters of Galaxies	y the targetsetector and	a reirievea from the SI	WBAD unubuse.					
		=[Rich clusters]								
Template	Module					Subarray				
直	ALL					FULL				
l E										
						~			~	
ers	#		imary Dither Type	Primary Di	thers	Subpixel Dither Ty	pe Dithe	er Size	Subpixel P	ositions
Dithers	1	IN	TRAMODULEX	3		STANDARD			1	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc
l e	1	F090W	F444W	DEEP8	5	1	3	3	2834.507	
<u>ē</u>	2	F115W	F410M	DEEP8	5	1	3	3	2834.507	
IЩ	3	F150W	F356W	MEDIUM8	6	1	3	3	1868.198	
ta	4	F200W	F277W	MEDIUM8	6	1	3	3	1868.198	
မွ										
ပ္တ										
ş	No Parallel									
Ĭ		Limited. Background no m	nore than 40% above m	inimum						
ΙĔ										
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Special Requirements										
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		76 - Observation		Mediaiii-Dee	<u> </u>	VIIIUIIUISI IDS C	TO Plugialli			
Observation		6, Observation 251: PL	CK G165.7+67.0						Wed Dec	11 00:00:27 GMT 201
äti	_	tatus: Warning								
_	Observing Te	mplate: NIRCam Imagin	ıg							
ps										
ō										
Diagnostics	(Visit 251:1)	Warning (Form): Overhe	eads are provisional unti	l the Visit Planner has l	een run.					
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ag										
<u> </u>										
S	#	Name	Target Coord	linates		Targ. Coord. Correc	tions	Misce	llaneous	
ge	(13)	PLCK-G165.7+67.0	RA: 11 27 15.	0000 (171.8125000d)						
ā			Dec: +42 28 3	1.00 (42.47528d)						
5			Equinox: J200	0						
Fixed Targets	Comments:	4.5.1.1								
正	Category=Cli Description=	usters of Galaxies [Rich clusters]								
ā	Module	•				Subarray				
<u>a</u>	ALL					FULL				
ᇤ										
Template										
	#	P	rimary Dither Type	Primary Di	thers	Subpixel Dither Ty	pe Dithe	er Size	Subpixel P	ositions
Dithers	1	II	NTRAMODULEX	3		STANDARD			1	
∺										
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
me	1	F090W	F444W	DEEP8	5	1	3	3	2834.507	
<u>e</u>	2	F115W	F410M	DEEP8	5	1	3	3	2834.507	
E	3	F150W	F356W	MEDIUM8	6	1	3	3	1868.198	
ij	4	F200W	F277W	MEDIUM8	6	1	3	3	1868.198	
ĕ										
ิซ										
<u> </u>		Range 108 to 130 Degree	es (V3 108.112526 to 13	30.112526)						
	Aperture PA	D 255 t- 240 D	es (V3 255.112526 to 34	10.112526)						
	Aperture PA	ceec 10.0 arcsec								
	Aperture PA I Offset 65.0 ar No Parallel	resec, 10.0 arcsec								
	Aperture PA I Offset 65.0 ar No Parallel	cresec, 10.0 arcsec Limited. Background no	more than 10% above m	ninimum						
	Aperture PA I Offset 65.0 ar No Parallel	resec, 10.0 arcsec	more than 10% above n	ninimum						
	Aperture PA I Offset 65.0 ar No Parallel	resec, 10.0 arcsec	more than 10% above n	ninimum						
	Aperture PA I Offset 65.0 ar No Parallel	resec, 10.0 arcsec	more than 10% above m	ninimum						
Special Requirements	Aperture PA I Offset 65.0 ar No Parallel	resec, 10.0 arcsec	more than 10% above n	ninimum						

			<u>tion 261 - JWST</u>	Medium-Deel	o Fielas v	Vindhorst IDS C	FIO Program			
Observation	Proposal 1176, O		GAMA 100033						Wed Dec	11 00:00:27 GMT 201
ati	Diagnostic Status									
۶ľ	Observing Templa	te: NIRCam Ima	ging							
ps(
ō										
SS	(Visit 261:1) War	ning (Form): Ove	rheads are provisional until	the Visit Planner has b	oeen run.					
Diagnostics										
Ö										
agı										
Ď										
S	# Na	me	Target Coord	inates		Targ. Coord. Correc	tions	Misce	llaneous	
get	(14) GA	MA-100033	RA: 08 42 20.8	8930 (130.5870542d)						
Fixed Targets			Dec: +01 38 32	2.66 (1.64241d)						
			Equinox: J200	0						
Č	Comments:									
Ë	Category=Cluster Description=[Gal	s of Galaxies								
е	Module	axy groups _j				Subarray				
lat	ALL					FULL				
π	ALL.					TOLL				
Template										
	#		Primary Dither Type	Primary Di	thers	Subpixel Dither Ty	pe Dithe	er Size	Subpixel P	ositions
hel	1		INTRAMODULEX	3		STANDARD			1	
Dithers										
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
me	1	F090W	F444W	DEEP8	5	1	3	3	2834.507	
<u>:</u> le	2	F150W	F356W	MEDIUM8	6	1	3	3	1868.198	
al E	3	F200W	F277W	MEDIUM8	6	1	3	3	1868.198	
tre										
ec										
Sp										
ts	No Parallel									
en	Background Limit	ed. Background r	no more than 10% above m	inimum						
μ										
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ial Req										
Special Requirements										

<u>Prc</u>	posal 1	176 - Observatio	n 271 - JWST	Medium-Deep	o Fields V	Vindhorst IDS C	GTO Program			
uc	Proposal 1	176, Observation 271: RX	C J1212+27						Wed Dec	11 00:00:27 GMT 2019
Observation	Diagnostic	Status: Warning								
Ľ≚	Observing 7	Template: NIRCam Imaging	2							
Se										
l 음										
	(Visit 271·1) Warning (Form): Overhea	nds are provisional until	the Visit Planner has l	neen riin					
;;	(1510 27 1.1) warming (Form). Overnee	ad are provisional and	the visit i famer has t	occii ruii.					
os										
l g										
Diagnostics										
_	#	Name	Target Coord	inates		Targ. Coord. Correc	ctions	Misce	llaneous	
Fixed Targets	(15)	CLG-J1212+2733		5128 (183.0938033d)						
ar Si	(- /			3.88 (27.57052d)						
lΞ			Equinox: J2000							
ě	Comments:	This object was generated l	•		MBAD database.					
I €	Category=0	Clusters of Galaxies =[Rich clusters]	, 0	J						
0)	Module	=[Rich clusters]				Cubamar				
Template	ALL					Subarray FULL				
틸	ALL					FULL				
e.										
	#	Pr	imary Dither Type	Primary Di	thers	Subpixel Dither Ty	vne Dithe	er Size	Subpixel P	ositions
ĕ	1	· ·	TRAMODULEX	3		STANDARD			1	
Dithers										
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
Ιê	1	F090W	F444W	DEEP8	5	1	3	3	2834.507	
<u>=</u>	2	F150W	F356W	MEDIUM8	6	1	3	3	1868.198	
I 🊆	3	F200W	F277W	MEDIUM8	6	1	3	3	1868.198	
12										
۱ ĕ										
ß										
ts	Aperture PA	A Range 122 to 128 Degrees	s (V3 122.112526 to 12	8.112526)						
eu	No Parallel	l Limited. Background no m	ore than 40% above m	inimum						
Įξ	Dackground	i Lillined. Background no n	iore man 40% above m	IIIIIIuiii						
I≝										
[호										
ڇ										
<u>a</u> .										
Special Requirements										
IЖ										
· · ·										

<u>Pro</u>	posal 1	176 - Observatio	<u>n 281 - JWST</u>	Medium-Deep	o Fields V	Windhorst IDS G	GTO Program			
		76, Observation 281: PLO							Wed Dec	11 00:00:27 GMT 2019
Observation	Diagnostic S	Status: Warning								
I≌	Observing T	emplate: NIRCam Imaging	g							
se										
၂၉										
_	(Vioit 201.1)) Warning (Form): Overhea	de ere provisional until	the Visit Planner has l	agan mun					
Diagnostics	(V ISIL 201.1)) warming (Porm). Overnea	ius are provisional unui	the visit i famile has t	deen run.					
osi										
ľŝ										
j <u>a</u>										
—	#	Name	Target Coord	notos		Targ. Coord. Correc	etions	Misco	llaneous	
Fixed Targets	(25)	PLCK-G191.24+62.04		450 (161.1831042d)		Targ. Coord. Correc	tions	Misce	nancous	
ğ	(23)	FLCK-0191.24+02.04								
<u>⊒</u>				61 (33.86711d)						
힜			Equinox: J2000)						
١ž	Comments:	Clusters of Galaxies								
쁘	Description:	=[High-redshift clusters, R	ich clusters]							
ŧ	Module					Subarray				
	ALL					FULL				
Template										
ľ										
rs	#	Pr	imary Dither Type	Primary Di	thers	Subpixel Dither Ty	ype Dithe	er Size	Subpixel P	ositions
Dithers	1	IN	TRAMODULEX	3		STANDARD			1	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc
Je I	1	F090W	F444W	DEEP8	5	1	3	3	2834.507	
<u>e</u>	2	F115W	F410M	DEEP8	5	1	3	3	2834.507	
□	3	F150W	F356W	MEDIUM8	6	1	3	3	1868.198	
<u>ra</u>	3					1	3	3		
덫	4	F200W	F277W	MEDIUM8	6	1	3	3	1868.198	
١ğ										
	A . 5:	D 100 007474 : 110	007474 D	20.4. 112.0						
Ĭ	Aperture PA	Range 108.287474 to 112. Range 284.887474 to 291.	.887474 Degrees (V3 1 .887474 Degrees (V3 2	U8.4 to 113.0) 85.0 to 292.0)						
ne l	F									
ē										
ΙĒ										
l e										
1 <u>~</u>										
iä										
Ιĕ										
N N										
Special Requirements										
Š										

<u>Pro</u>	posal 1176 -	Observation	111 - JWS	T Medium-Deep	Fields Wi	ndhorst IDS C	STO Program				
n	Proposal 1176, Obs	servation 111: NEP	TDF Spoke GTO	1					Wed Dec	e 11 00:00:27 GMT 2019	
äi	Diagnostic Status:	Warning									
Įξ	Observing Template	: NIRCam Imaging									
Observation	Coordinated Paralle	l Template(s): NIRIS	S Wide Field Slitle	ess Spectroscopy							
ō											
cs	(Visit 111:1) Warnii	ng (Form): Overheads	s are provisional u	ntil the Visit Planner has b	een run.						
Diagnostics	(Visit 111:2) Warnii	ng (Form): Overheads	s are provisional u	ntil the Visit Planner has b	een run.						
	# Nam	e	Target Coo	rdinates		Targ. Coord. Correc	ctions	Miscella	neous		
	(8) JWS	Γ-NEP-TDS-FIELD	RA: 17 22 4	7.8960 (260.6995667d)							
			Dec: +65 49	21.54 (65.82265d)							
			Equinox: J2	000							
argets	Jansen, R.A., & Win	nils on the field select dhorst, R.A. 2018, PA d.edu/abs/2018PASF	ASP 130. 12400Ĭ:	pointing center, see:							
Fixed T	The preferred identifications of this newly developed field are (in order of brevity): James Webb Space Telescope North Ecliptic Pole Time-Domain Field JWST NEP TDF										
	James Webb Spac JWST NEP TDS I Category=Unidentij Description=[Infran Extended=NO	re Telescope North Ec Field Fied	cliptic Pole Time-I	the Proposal" above, are Domain Survey Field" diation sources, Visible so		1					
age	NIRCam Imaging					NIRISS Wide Field	d Slitless Spectroscop	y			
Template	Module: ALL Subarray: FULL										
_	Rows	Columns		Row Overlap %	Column Ove	erlap % Roy	v shift	Column shift	Tile	Order	
Mosaic	1	2		10.0	57.0	0.0		0.0	•	AULT	
Dithers	#	Primary 1	Dither Type	Primary Dithers	Dither Size	Sub	pixel Positions	Coordinated Pa Subpixel Selecte		er Direct Images nes	
	1	INTRAM	ODULE	3		1		NIRCam Only	DITI S	HER_DIRECT_IMAGE	
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	
l e	1	F150W	F356W	MEDIUM8	5	1	3	3	1546.095		
<u>=</u>	2	F090W	F444W	DEEP8	6	1	3	3	3478.713		
1 =	3	F150W	F356W	MEDIUM8	5	1	3	3	1546.095		
;;	4	F200W	F277W	MEDIUM8	5	1	3	3	1546.095		
Ιĕ	5	F115W	F410M	DEEP8	6	1	3	3	3478.713		
ကြွ	6	F200W	F277W	MEDIUM8	5	1	3	3	1546.095		

Proposal 1176 - Observation 111 - JWST Medium-Deep Fields -- Windhorst IDS GTO Program

ents	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
Elemei	1	DIRECT	F200W		NIS	11	1	3	3	1449.464	
	2	GRISM	F200W	GR150C	NIS	13	2	3	6	3414.293	
ctral	3	DIRECT	F200W		NIS	11	1	3	3	1449.464	
둫	4	DIRECT	F200W		NIS	11	1	3	3	1449.464	
Spe	5	GRISM	F200W	GR150R	NIS	13	2	3	6	3414.293	
S	6	DIRECT	F200W		NIS	11	1	3	3	1449.464	
uirements	Group Visits withi Aperture PA Rang Visits Same PA Offset 190.0 arcsed No Parallel	e 75 to 105 Degrees	(V3 75.112526 to 1	05.112526)							

Special Requirements

Aperture PA Offset 112 from 111 by 179 to 180 Degrees (Same offsets in V3) Aperture PA Offset 113 from 111 by -93 to -87 Degrees (Same offsets in V3)

<u>Pro</u>	oposal 1176 -	Observation	112 - JWS	ST Medium-Deep	Fields W	indhorst IDS C	STO Program			
Lc	Proposal 1176, Obs	servation 112: NEP	TDF Spoke GTO)2					Wed I	Dec 11 00:00:27 GMT 2019
Observation	Diagnostic Status:	Warning								
ĮΞ	Observing Template									
l se	Coordinated Parallel	Template(s): NIRIS	S Wide Field Slit	less Spectroscopy						
١ŏ										
SS	(Visit 112:1) Warnin	ng (Form): Overhead	s are provisional ι	intil the Visit Planner has b	een run.					
Diagnostics	(Visit 112:2) Warnin	ng (Form): Overhead	s are provisional u	until the Visit Planner has b	een run.					
	# Nam	e	Target Co	ordinates		Targ. Coord. Correc	ctions	Miscellar	neous	
		Γ-NEP-TDS-FIELD		47.8960 (260.6995667d)		Turge coorus corre		1,11,001,111	10045	
				9 21.54 (65.82265d)						
			Equinox: J							
argets	Comments: For deta Jansen, R.A., & Win http://adsabs.harvar									
Fixed T	The preferred identi James Webb Spac JWST NEP Time- JWST NEP TDF									
	James Webb Spac JWST NEP TDS F Category=Unidentij	e Telescope North E Field Fied	cliptic Pole Time	n the Proposal" above, are Domain Survey Field" udiation sources, Visible so		s]				
₽ E	NIRCam Imaging					NIRISS Wide Field	d Slitless Spectroscopy	y		
Template	Module: ALL Subarray: FULL									
ျှ	Rows	Columns		Row Overlap %	Column O	verlap % Rov	v shift	Column shift	Ti	le Order
Mosaic	1	2		10.0	57.0	0.0		0.0	D	EFAULT
Dithers	#	Primary	Dither Type	Primary Dithers	Dither Size	Sub	pixel Positions	Coordinated Par Subpixel Selector		ther Direct Images imes
-	1	INTRAM	ODULE	3		1		NIRCam Only	S	THER_DIRECT_IMAGE
Spectral Elements	NIRCam Imaging		Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposur Time	re ETC Wkbk.Calc ID
ΙĚ	1	F150W	F356W	MEDIUM8	5	1	3	3	1546.095	
IЩ	2	F090W	F444W	DEEP8	6	1	3	3	3478.713	
a	3	F150W	F356W	MEDIUM8	5	1	3	3	1546.095	
l ä	4	F200W	F277W	MEDIUM8	5	1	3	3	1546.095	
) e	5	F115W	F410M	DEEP8	6	1	3	3	3478.713	
S	6	F200W	F277W	MEDIUM8	5	1	3	3	1546.095	

Proposal 1176 - Observation 112 - JWST Medium-Deep Fields -- Windhorst IDS GTO Program

pents	!	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
E	<u> </u>	I	DIRECT	F200W		NIS	11	1	3	3	1449.464	
Ī	j 2	2	GRISM	F200W	GR150C	NIS	13	2	3	6	3414.293	
2		3	DIRECT	F200W		NIS	11	1	3	3	1449.464	
ן בַּ		1	DIRECT	F200W		NIS	11	1	3	3	1449.464	
\ \frac{1}{2}	5 5	5	GRISM	F200W	GR150R	NIS	13	2	3	6	3414.293	
Ľ	6	5	DIRECT	F200W		NIS	11	1	3	3	1449.464	

Group Visits within 53.0 Days Visits Same PA Offset 190.0 arcsec, -98.0 arcsec No Parallel Special Requirements

Aperture PA Offset 112 from 111 by 179 to 180 Degrees (Same offsets in V3)

<u>Pro</u>	posal 1176 -	Observation	113 - JWS	ST Medium-Deep	Fields W	indhorst IDS C	GTO Program			
l	Proposal 1176, Obs	ervation 113: NEP	TDF Spoke GTO	3					Wed	Dec 11 00:00:27 GMT 2019
Observation	Diagnostic Status:	Warning								
<u>``</u>	Observing Template	: NIRCam Imaging								
l se	Coordinated Parallel	Template(s): NIRIS	S Wide Field Slitl	ess Spectroscopy						
Ιŏ										
SS	(Visit 113:1) Warnin	ng (Form): Overheads	are provisional u	intil the Visit Planner has b	een run.					
Diagnostics	(Visit 113:2) Warnii	ng (Form): Overheads	are provisional u	intil the Visit Planner has b	een run.					
F	# Name	e	Target Co	ordinates		Targ. Coord. Correc	ctions	Miscella	neous	
		Γ-NEP-TDS-FIELD		47.8960 (260.6995667d)		rang. coord. correc	ctions	Wiscon	ncous	
	(0)			9 21.54 (65.82265d)						
			Equinox: J2							
argets	Comments: For deta Jansen, R.A., & Win http://adsabs.harvar									
Fixed T	The preferred identi; James Webb Spac JWST NEP Time-I JWST NEP TDF									
	James Webb Spac JWST NEP TDS F Category=Unidentif	e Telescope North Ec Field Fied	liptic Pole Time-l	n the Proposal" above, are. Domain Survey Field" udiation sources, Visible so		s)				
ite	NIRCam Imaging					NIRISS Wide Field	d Slitless Spectroscopy	y		
Template	Module: ALL Subarray: FULL									
ic	Rows	Columns		Row Overlap %	Column Ov	verlap % Rov	v shift	Column shift	T	le Order
Mosaic	1	2		10.0	57.0	0.0		0.0	D	EFAULT
Dithers	#	Primary l	Dither Type	Primary Dithers	Dither Size	Sub	pixel Positions	Coordinated Par Subpixel Selecto		ither Direct Images rimes
_	1	INTRAM	ODULE	3		1		NIRCam Only	S	THER_DIRECT_IMAGE
Spectral Elements	NIRCam Imaging		Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposu Time	re ETC Wkbk.Calc ID
ΙĚ	1	F150W	F356W	MEDIUM8	5	1	3	3	1546.095	
ΕE	2	F090W	F444W	DEEP8	6	1	3	3	3478.713	
<u></u>	3	F150W	F356W	MEDIUM8	5	1	3	3	1546.095	
l ž	4	F200W	F277W	MEDIUM8	5	1	3	3	1546.095	
ě	5	F115W	F410M	DEEP8	6	1	3	3	3478.713	
S	6	F200W	F277W	MEDIUM8	5	1	3	3	1546.095	

Proposal 1176 - Observation 113 - JWST Medium-Deep Fields -- Windhorst IDS GTO Program

nents	Field Slitless	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	Integrations/Exp	Total Dithers	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1 8	1	DIRECT	F200W		NIS	11	1	3	3	1449.464	
Elen	2	GRISM	F200W	GR150C	NIS	13	2	3	6	3414.293	
2		DIRECT	F200W		NIS	11	1	3	3	1449.464	
Į		DIRECT	F200W		NIS	11	1	3	3	1449.464	
Spe	. 5	GRISM	F200W	GR150R	NIS	13	2	3	6	3414.293	
Ľ	6	DIRECT	F200W		NIS	11	1	3	3	1449.464	

Group Visits within 53.0 Days
Visits Same PA
Offset 190.0 arcsec, -98.0 arcsec
No Parallel

Aperture PA Offset 113 from 111
Aperture PA Offset 114 from 113

Aperture PA Offset 113 from 111 by -93 to -87 Degrees (Same offsets in V3) Aperture PA Offset 114 from 113 by 179 to 180 Degrees (Same offsets in V3)

		ervation 114: NEP		<u>T Medium-Deer</u> ₄	<u> </u>	TIGHTOTOL IDO	710 1 Togram		Wed Dee	11 00:00:27 GMT 2019
<u>ō</u>	-		IDF Spoke GIO	4					wed Dec	11 00:00:27 GM1 201
/at	Diagnostic Status:	U								
e_	Observing Template		N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	G						
Observation	Coordinated Parallel	Template(s): NIRISS	S Wide Field Slitt	ess Spectroscopy						
<u> </u>										
Diagnostics		•	•	ntil the Visit Planner has b						
St	(Visit 114:2) Warnii	g (Form): Overheads	are provisional u	ntil the Visit Planner has b	een run.					
2										
<u>a</u> g										
<u> </u>										
	# Nam	e	Target Coo	ordinates		Targ. Coord. Correc	tions	Miscella	neous	
	(8) JWS	T-NEP-TDS-FIELD	RA: 17 22 4	47.8960 (260.6995667d)						
			Dec: +65 49	9 21.54 (65.82265d)						
			Equinox: J2	000						
S	Comments: For deta	ils on the field selecti	on and choice of	pointing center, see:						
arget	Jansen, R.A., & Win http://adsabs.harvar	dhorst, R.A. 2018, PA d.edu/abs/2018PASP	ISP 130, 124001; 13014001.I							
ā										
-	The preferred identi	fications of this newly e Telescope North Ec	r developed field a liptic Pole Time-l	re (in order of brevity): Domain Field						
FIXed	JWST NEP Time-	Domain Field	inprie 1 die 1 inie 1							
Ξ	JWST NEP TDF									
	Deprecated, but reta	ined for historical re	asons in "Name in	the Proposal" above, are	:					
	James Webb Spac JWST NEP TDS F		liptic Pole Time-I	Domain Ŝurvey Field"						
	Category=Unidentif		**	1						
	Description=[Infrar Extended=NO	ed sources, Radio soi	ırces, Varıable ra	diation sources, Visible so	urces, X-ray sources]					
ţ.	NIRCam Imaging					NIRISS Wide Field	Slitless Spectroscopy	Ÿ		
lemplate	Module: ALL									
Ĕ	Subarray: FULL									
<u>Ф</u>	-									
ပ	Rows	Columns		Row Overlap %	Column Ove	erlap % Rov	shift	Column shift	Tile (Order
Mosaic	1	2		10.0	57.0	0.0		0.0	DEFA	
욛										
	#	Duimony I	Dither Type	Primary Dithers	Dither Size	Cub	pixel Positions	Coordinated Pa	mallal Ditha	r Direct Images
ē	π	1 Tilliary 1	onner Type	Timary Dimers	Dittier Size		pixei i ositions	Subpixel Selecto		
Dithers	1	INTRAMO	ODULE	3		1		NIRCam Only		ER_DIRECT_IMAGE
		GI . TIV			a = = :	•	m	m	S	****** ~ -
	NIRCam Imaging	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
шe	1	F150W	F356W	MEDIUM8	5	1	3	3	1546.095	
<u>a</u>	2	F090W	F444W	DEEP8	6	1	3	3	3478.713	
Ц	3	F150W	F356W	MEDIUM8	5	1	3	3	1546.095	
=	1					1				
<u>tra</u>	4	F200W	F2//W	MEDIUM8	5	1	3	3	1340.093	
Spectral Elements	4 5	F200W F115W	F277W F410M	MEDIUM8 DEEP8	5 6	1	3	3	1546.095 3478.713	

Proposal 1176 - Observation 114 - JWST Medium-Deep Fields -- Windhorst IDS GTO Program

9400	֓֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֡֓֓	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
8	ב ב	1	DIRECT	F200W		NIS	11	1	3	3	1449.464	
Ī	i	2	GRISM	F200W	GR150C	NIS	13	2	3	6	3414.293	
1 2	ਰ :	3	DIRECT	F200W		NIS	11	1	3	3	1449.464	
13		4	DIRECT	F200W		NIS	11	1	3	3	1449.464	
2	3	5	GRISM	F200W	GR150R	NIS	13	2	3	6	3414.293	
ď	י ו	6	DIRECT	F200W		NIS	11	1	3	3	1449.464	

Group Visits within 53.0 Days Visits Same PA Offset 190.0 arcsec, -98.0 arcsec No Parallel **Special Requirements**

Aperture PA Offset 114 from 113 by 179 to 180 Degrees (Same offsets in V3)

<u>Pr</u>	oposal 117	<u> 76 - Observatio</u>	n 121 - JWST	Medium-Dee	p Fields V	Windhorst IDS C	STO Program				
	Proposal 1176	, Observation 121: SPI	TZER IDF						Wed Dec	11 00:00:27 GMT 2019	
ati	Diagnostic Sta	tus: Warning									
Observation	Observing Tem	nplate: NIRCam Imaginş	Ş								
Diagnostics	(Visit 121:1) W	Varning (Form): Overhea	ds are provisional unti	l the Visit Planner has l	oeen run.						
S	#	Name	Target Coord	inates		Targ. Coord. Correc	etions	Misce	laneous		
l de	(7)	SPITZER-IDF	RA: 17 40 8.00	000 (265.0333333d)							
a.			Dec: +69 00 8	.00 (69.00222d)							
٦Ę			Equinox: J200	0							
Fixed Targets	Comments: Category=Unic Description=[1	dentified High Latitude Field, Infr	ared sources, Variable	radiation sources]							
ţ						Subarray					
Template						FULL					
Ľ	#	Pr	imary Dither Type	Primary Di	thers	Subpixel Dither Ty	pe Dithe	er Size	Subpixel Po	ositions	
Dithers	1	FU	LLBOX	6TIGHT		STANDARD			1		
		Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
۱	1	F150W	F444W	MEDIUM8	5	1	6	6	3092.19		
	2	F200W	F356W	MEDIUM8	5	1	6	6	3092.19		
Spectral Elements											

		6, Observation 131: W			- 10100 V	Vindhorst IDS G			Wed Dec	11 00:00:27 GMT 201			
Observation		tatus: Warning	res-ers-rield						wed bee	11 00:00:27 GW11 201			
Λa	_	mplate: NIRCam Imagi	nσ										
šer	Observing Te	impiate. Princeam imagi	6										
ğ													
Diagnostics	(Visit 131:1)	Warning (Form): Overh	eads are provisional unti	the Visit Planner has	oeen run.								
St													
ğ													
<u>ā</u>													
	ш	NI	T4 C	·		T C1 C	4:	N#:	11				
ets	(16)	Name	Target Coord			Targ. Coord. Corrections Miscellaneous							
ğ	(16)	WFC3-ERS-FIELD		3970 (53.1766542d)									
<u> </u>			Dec: -27 42 7. Equinox: J200	93 (-27.70220d)									
Ö	Commonto		Equinox: J200	0									
Fixed Targets	Comments: Category=Ga	ılaxy											
	Description=[Field galaxies, High-redshift galaxies, Lyman-break galaxies]												
ate	Module					Subarray							
<u>ë</u>	ALL					FULL							
Template													
								~-					
ers	#		Primary Dither Type	Primary Di	thers	Subpixel Dither Ty	pe Dithe	er Size	Subpixel P	ositions			
Dithers	1	1	NTRAMODULEBOX	4		STANDARD			1				
	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc			
ne	1	F090W	F444W	DEEP8	5	1	4	4	3779.343				
<u>e</u>	2	F115W	F410M	DEEP8	5	1	4	4	3779.343				
Ш	3	F150W	F356W	MEDIUM8	6	1	4	4	2490.931				
Ħ	4	F200W	F277W	MEDIUM8	6	1	4	4	2490.931				
ပ													
Φ													
Spe				2526)									
	Aperture PA I	Range 63 to 73 Degrees	(V3 63.112526 to 73.11)										
	Aperture PA I Aperture PA I	Range 63 to 73 Degrees Range 243 to 253 Degre	(V3 63.112526 to 73.113 ses (V3 243.112526 to 25	(3.112526)									
	Aperture PA I Aperture PA I	Range 63 to 73 Degrees Range 243 to 253 Degre	(V3 63.112526 to 73.112 es (V3 243.112526 to 25	(3.112526)									
	Aperture PA I Aperture PA I	Range 63 to 73 Degrees Range 243 to 253 Degre	(V3 63.112526 to 73.11) es (V3 243.112526 to 25	3.112526)									
	Aperture PA I Aperture PA I	Range 63 to 73 Degrees Range 243 to 253 Degre	(V3 63.112526 to 73.11) es (V3 243.112526 to 25	3.112526)									
Requirements Spectral Elements	Aperture PA I Aperture PA I	Range 63 to 73 Degrees Range 243 to 253 Degre	(V3 63.112526 to 73.11) es (V3 243.112526 to 25	3.112526)									
	Aperture PA I Aperture PA I	Range 63 to 73 Degrees Range 243 to 253 Degre	(V3 63.112526 to 73.11) es (V3 243.112526 to 25	3.112526)									
Special Requirements Spe	Aperture PA I Aperture PA I	Range 63 to 73 Degrees Range 243 to 253 Degre	(V3 63.112526 to 73.11: es (V3 243.112526 to 25	3.112526)									

Pro	posal 1176	6 - Observa	tion 311 - J	WST Medi	um-Deep F	ields	Windhors	t IDS GTO I	Program Program			
Ľ	Proposal 1176,	Observation 311:	NDWFS 1425								Wed Dec 11 0	0:00:27 GMT 2019
Ιĕ	Diagnostic Statu	ıs: Warning										
Observation	Observing Temp	late: NIRSpec IFU	Spectroscopy									
Diagnostics	(Visit 311:1) Wa	rning (Form): Ove	rheads are provision	onal until the Visit	Planner has been	run.						
—	# N	ame	Targe	et Coordinates			Targ. Coo	ord. Corrections		Miscellaneou	ıs	
Targets	(22) N	4 25 16.4109 (216	5.3183787d)									
ρğ	C	ENTRE		+32 54 9.49 (32.90	264d)							
∃a	Equinox: J2000											
Fixed	Comments: Category=Galax Description=[Ac Extended=YES	ry tive galactic nucle	i, High-redshift ga									
tion	#	Target	TA Method	Subarray	Filter		Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
Acquisition	1	21 NDWFS- 1425+3254- QUASAR	WATA	SUB2048	CLEAR		NRSRAPID	3	1	1	3.628	12034.1
ร	#		Dither Type		Size		Starting	Point	Number of I	Points	Points	
Dithers	1		4-POINT-DITHE	ER								
uts	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Ex p	Leakca	l Dither	Autocal	Total Dither	rs Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
leme	1	PRISM/CLEAR	NRSIRS2RAPI D	31	1	true	true	NONE	4	4	1867.378	
Spectral Elements	2	PRISM/CLEAR	NRSIRS2RAPI D	31	1	false	true	NONE	4	4	1867.378	
Sp												

				vv3 i ivieui	итт-реер г	ieias	Windhors		rogram						
Observation	-	Observation 321:	SDSS 0005								Wed Dec 11 0	0:00:27 GMT 2019			
ati	Diagnostic State	_													
≥	Observing Temp	late: NIRSpec IFU	Spectroscopy												
Sg															
ō															
SS	(Visit 321:1) Wa	rning (Form): Over	rheads are provision	onal until the Visit	Planner has been	run.									
Diagnostics															
۱ĕ															
ģ															
Iä⊓															
	# N	ame	Targe	et Coordinates			Targ. Coo	rd. Corrections		Miscellaneou	18				
Targets	(24) Si	OSS-J0005-0006-C	ENTRE RA: 0	0 05 52.3437 (1.4	580988d)										
ξ			Dec: -	00 06 56.98 (115	583d)										
b	Comments: This object was generated by the targetselector and retrieved from the NED database.														
Fixed	Category=Galax	y			•										
l "	Extended=YES	tive galactic nucle	, нign-reasniji ga	iaxies, Quasars j											
tion	#	Target	TA Method	Subarray	Filter		Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID			
Acquisition	1	23 SDSS-J0005 0006-QUASAR		SUB2048	CLEAR		NRSRAPID	3	1	1	3.628	12035.3			
5															
	#		Dither Type		Size		Starting	Point	Number of	Points	Points				
Dithers	1		4-POINT-DITHE	ER											
I≅															
	#	Grating/Filter	Readout	Groups/Int	Integrations/Ex	Locker	l Dither	Autocal	Total Dithe	rs Total	Total Exposure	FTC			
Į	#	Graung/Filter	Pattern	Groups/IIIt	p	Leakca	n Dittier	Autocai	Total Dittle	Integrations	Time	Wkbk.Calc ID			
Spectral Elements	1	PRISM/CLEAR	NRSIRS2RAPI D	30	1	true	true	NONE	4	4	1809.022				
	2	PRISM/CLEAR	NRSIRS2RAPI	30	1	false	true	NONE	4	4	1809.022				
tra			D												
မြွ															
န															

١ō	D 14454			VVOI WIOGI	dili-Deep i	icius	vviiluliois	IDS GTO I	rogram		W 1D 410	0.00.07.CMT 2010		
1.=	_	, Observation 331:	z751 Galaxy								Wed Dec 11 0	0:00:27 GMT 2019		
/at	_	Diagnostic Status: Warning Observing Template: NIRSpec IFU Spectroscopy												
ē	_	special requirement			1 ahaamadiana aa 1			a and not affected						
Observation	Comments. No	speciai requirement	s. There is no resi	riction on paratiet	ooservanons as a	ong as ou	r main science goai	s are noi ajjeciea.						
-	(Visit 331:1) W	Varning (Form): Ove	rheads are provision	onal until the Visi	t Planner has been	run.								
Diagnostics														
<u></u>	#	Name	Targe	et Coordinates			Targ. Coo	rd. Corrections		Miscellaneo	us			
Targets	(19)	9.1579708d)		Epoch of P	osition: 2000									
ا ق	'		Dec: -	+62 18 8.60 (62.30	0239d)									
⊨			Equin	ox: J2000										
Fixed	Comments: Category=Gal Description=[I Extended=NO	axy High-redshift galaxid	es]											
tion	#	Target	TA Method	Subarray	Filter		Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID		
Acquisition	1	20 ACQTARG	ET WATA	FULL	CLEAR		NRSRAPID	3	1	1	42.947	12495		
ร	#		Dither Type		Size		Starting	Point	Number of	Points	Points			
Dithers	1		4-POINT-DITHE	ER										
ents	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Ex	Leakca	l Dither	Autocal	Total Dithe	rs Total Integrations	Total Exposure Time	e ETC Wkbk.Calc ID		
Spectral Elements	1	G140M/F070LP	NRSIRS2	14	1	false	true	NONE	4	4	4143.245	12494		

Pro	posal 1	176 - Observation	n 341 - JWS	Γ Medium-Dee	p Fields V	Vindhorst IDS G	TO Program					
_		176, Observation 341: VV							Wed Dec	11 00:00:27 GMT 2019		
ĬĔ	Diagnostic	Status: Warning										
ĮΣ	Observing 7	Template: NIRCam Imaging										
Observation												
ŏ												
SS	(Visit 341:1	1) Warning (Form): Overhea	ds are provisional unt	til the Visit Planner has l	been run.							
Diagnostics												
۱ë												
ag												
ä												
—	#	Name	Target Coor	dinates		Targ. Coord. Corrections Miscellaneous						
Targets	(5)	VV-191	RA: 13 48 22	.0992 (207.0920800d)		Proper Motion RA: 0						
عر اع			Dec: +25 40	40.01 (25.67778d)		Proper Motion Dec: 0						
ΙË			Equinox: J20									
Fixed	Comments:	This object was generated b	y the targetselector a	and retrieved from the N	ED database.							
 €	Category=0 Description	Galaxy 1=[Elliptical galaxies, Spiral YES	l arms, Spiral galaxie	s]								
		YES	1 0									
l at	Module Subarray											
١ğ	ALL					FULL						
Template												
	,,	~ .	D11 m	n. n.			5 111	7.	g 1			
ers	#	•	mary Dither Type	Primary Di	thers	Subpixel Dither Ty	vpe Dithe	Subpixel Positions 3				
Dithers		NU	NE			STANDARD						
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID		
ΙĔ	1	F090W	F444W	SHALLOW4	5	1	3	3	773.047			
I≝	2	F150W	F356W	SHALLOW4	5	1	3	3	773.047			
a												
lt												
B B												
-												
ements	Offset 59.3	5 arcsec, -32.94 arcsec										
<u>a</u>												
ΙΞ												
۱ĕ												
<u>=</u>												
<u> Š</u>												
Special Requir												
6,												

Pro	posal 11	76 - Observatio	n 361 - JWST	Medium-Deep	o Fields V	Vindhorst IDS G	TO Program				
L C	Proposal 117	6, Observation 361: TN-	J1338-1942-IRFLD1						Wed Dec	11 00:00:27 GMT 2019	
lä	Diagnostic St	atus: Warning									
Observation	Observing Ten	mplate: NIRCam Imaging									
Diagnostics	(Visit 361:1) V	Warning (Form): Overhea	ds are provisional until	the Visit Planner has b	een run.						
S	#	Name	Target Coord	inates		Targ. Coord. Correc	tions	Misce	laneous		
l ë	(17)	TN-J1338-1942-IRFLD1	RA: 13 28 26.4	1420 (202.1101750d)							
ä			Dec: -19 44 26	5.97 (-19.74082d)							
١Ę			Equinox: J2000	0							
Fixed Targets	Comments: Category=Clu Description=[asters of Galaxies High-redshift clusters]									
te	Module					Subarray					
Template	ALL					FULL					
S	#	Pri	mary Dither Type	Primary Di	thers	Subpixel Dither Ty	pe Dithe	r Size	Subpixel P	ositions	
Dithers	1	IN	ΓRAMODULE	3		STANDARD			1		
ents	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID	
اِيَّ	1	F150W	F300M	SHALLOW4	5	1	3	3	773.047		
	2	F182M	F335M	SHALLOW4	5	1	3	3	773.047		
a	3	F210M	F360M	SHALLOW4	5	1	3	3	773.047		
Spectral Elements											