

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

Cycle: 1, Proposal Category: GTO

INVESTIGATORS

Name	Institution	E-Mail
Prof. Rogier A. Windhorst (PI)	Arizona State University	rogier.windhorst@asu.edu
Dr. Seth H. Cohen (CoI) (Contact)	Arizona State University	seth.cohen@asu.edu
Dr. Rolf A. Jansen (CoI) (Contact)	Arizona State University	rolf.jansen@asu.edu
Dr. Dan Coe (CoI) (ESA Member) (Contact)	Space Telescope Science Institute - ESA	dcoe@stsci.edu
Ms. Madeline Marshall (CoI) (Contact)	University of Melbourne	madelinem1@student.unimelb.edu.a u
Matt Mechtley (CoI)	Arizona State University	mechtleympia@gmail.com
Dr. Vithal Tilvi (CoI)	Arizona State University	tilvi@asu.edu
Prof. Steven L. Finkelstein (CoI)	University of Texas at Austin	stevenf@astro.as.utexas.edu
Dr. Rachael Livermore (CoI)	University of Melbourne	rlivermore@unimelb.edu.au
Prof. Brenda Louise Frye (CoI)	University of Arizona	bfrye@as.arizona.edu
Dr. William Clifford Keel (CoI)	University of Alabama	wkeel@ua.edu
Prof. Haojing Yan (CoI)	University of Missouri - Columbia	yanha@missouri.edu
Dr. Jose M. Diego (CoI) (ESA Member)	Instituto de Fisica de Cantabria	jdiego@ifca.unican.es
Dr. Christopher J. Conselice (CoI) (ESA Member)	University of Nottingham	conselice@nottingham.ac.uk
Dr. Kenneth James Duncan (CoI) (ESA Member)	Universiteit Leiden	duncan@strw.leidenuniv.nl
Dr. Adi Zitrin (CoI)	Ben Gurion University of the Negev	adizitrin@gmail.com
Mrs. Teresa Ashcraft (CoI)	Arizona State University	teresa.ashcraft@asu.edu
Bhavin Joshi (CoI)	Arizona State University	bajoshi@asu.edu
Mr. Duho Kim (CoI)	Arizona State University	duho.kim@asu.edu
Mr. Brent Smith (CoI)	Arizona State University	brent.smith.1@asu.edu
Dr. Mehmet Alpaslan (CoI)	NASA Ames Research Center	mehmet.alpaslan@nasa.gov
Dr. Norman Grogin (CoI)	Space Telescope Science Institute	nagrogin@stsci.edu

JWST Proposal 1176 (Created: Tuesday, February 20, 2018 5:00:26 PM EST) - Overview

Name	Institution	E-Mail
Dr. Nimish P. Hathi (CoI)	Space Telescope Science Institute	nhathi@stsci.edu
Dr. Anton M. Koekemoer (CoI)	Space Telescope Science Institute	koekemoer@stsci.edu
Dr. Norbert Pirzkal (CoI)	Space Telescope Science Institute	npirzkal@stsci.edu
Dr. Russell E. Ryan Jr. (CoI)	Space Telescope Science Institute	rryan@stsci.edu
Dr. Louis-Gregory Strolger (CoI)	Space Telescope Science Institute	strolger@stsci.edu
Rebecca Larson (CoI)	University of Texas at Austin	rlarson@astro.as.utexas.edu
Dr. Adam Riess (CoI)	The Johns Hopkins University	ariess@stsci.edu
Dr. Steven A. Rodney (CoI)	University of South Carolina Research Foundation	steve.rodney@gmail.com
Dr. Amber Straughn (CoI)	NASA Goddard Space Flight Center	amber.n.straughn@nasa.gov
Prof. Thomas J. Broadhurst (CoI) (ESA Member)	University of the Basque Country	tomie325@gmail.com
Prof. Simon P. Driver (CoI)	University of Western Australia	simon.driver@icrar.org
Dr. Aaron Robotham (CoI)	University of Western Australia	aaron.robotham@uwa.edu.au
Dr. Huub Rottgering (CoI) (ESA Member)	Sterrewacht Leiden	rottgeri@strw.leidenuniv.nl
Dr. Andrew M. Hopkins (CoI)	Australian Astronomical Observatory	ahopkins@aao.gov.au
Dr. Michael James Rutkowski (CoI) (ESA Member)	Stockholm University	mrutk@astro.su.se
Prof. J. Stuart B. Wyithe (CoI)	University of Melbourne	swyithe@unimelb.edu.au
Dr. Patrick Kelly (CoI)	University of Minnesota - Twin Cities	plkelly@umn.edu
Dr. Stephen Matthew Wilkins (CoI) (ESA Member)	University of Sussex	s.wilkins@sussex.ac.uk

OBSERVATIONS

Folder	Observation	Label	Observing Template	Science Target
1: Lensi	ng clusters			-
	211	MACS0416-24	NIRCam Imaging	(9) MACSJ0416.1-2403
	212	MACS0416-24	NIRCam Imaging	(9) MACSJ0416.1-2403
	213	MACS0416-24	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
2A: NE	P Time-Domain	Field		

JWST Proposal 1176 (Created: Tuesday, February 20, 2018 5:00:26 PM EST) - Overview

	Observation		Observing Template	Science Target
_ 5555	111	NEP TDS FIELD Spok e GTO1		(8) JWST-NEP-TDS-FIELD
	112	NEP TDS FIELD Spok e GTO2	NIRCam Imaging	(8) JWST-NEP-TDS-FIELD
	113	NEP TDS FIELD Spok e GTO3	NIRCam Imaging	(8) JWST-NEP-TDS-FIELD
	114	NEP TDS FIELD Spok e GTO4	NIRCam Imaging	(8) JWST-NEP-TDS-FIELD
2B: IRA	C dark field			
	121	SPITZER IDF	NIRCam Imaging	(7) SPITZER-IDF
3: WFC	3 ERS Field			
	131	WFC3-ERS-FIELD	NIRCam Imaging	(16) WFC3-ERS-FIELD
4A: z=6	QSOs			
	311	NDWFS 1425	NIRSpec IFU Spectroscopy	(22) NDWFS-1425+3254-CENTRE
	321	SDSS 0005	NIRSpec IFU Spectroscopy	(24) SDSS-J0005-0006-CENTRE
4B: z=7	.5 AGN candida	te		
	331	z751 Galaxy	NIRSpec IFU Spectroscopy	(19) FIGS1292
4C: Bac	klit galaxies			
	341	VV 191	NIRCam Imaging	(5) VV-191
4D: z=4	-5 proto-cluster			
	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.

OBSERVING DESCRIPTION

WINDHORST IDS --- JWST GTO PROJECT TITLE:

The Webb Medium-Deep Fields: Galaxy Assembly, Supermassive Blackhole Growth,

JWST Proposal 1176 (Created: Tuesday, February 20, 2018 5:00:26 PM EST) - Overview First Light and Reionization Studies

WINDHORST IDS --- JWST GTO SCIENCE SUMMARY:

Following our original JWST IDS proposal approved in 2002, we will use our 110 hours of GTO time for a survey of Webb Medium-Deep Fields. 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 at least 7 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 13 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 JWST Proposal 1176 (Created: Tuesday, February 20, 2018 5:00:26 PM EST) - Overview 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 and 2016 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, 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 two local overlapping galaxy pairs.

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 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 B+V 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 Ugrz images in excellent seeing to AB < 26.5 mag and MMT MMIRS images to JK< 24 mag, with YH-bands scheduled to provide astrometric and photometric calibration of the first JWST

JWST Proposal 1176 (Created: Tuesday, February 20, 2018 5:00:26 PM EST) - Overview Here follow the relevant notes to our Observation Table submitted to STScI on April 1, 2017:

- (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) as well as the galaxy clusters, 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 25.0.3 in Cycle 1 are indicated in Table 1 in parentheses.
- (2) For all clusters, we implement coordinated parallel NIRISS imaging to overlap as much as possible with existing imaging from HST HFFs or their parallel fields. 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 clusters, 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 25.0.3 as of March 15, 2017. All times were calculated by APT 25.0.3 in units of seconds. Only the total sum of 109.97 hr is given in hours. Details are given in the attached xlsx file. We also attach a courtesy copy of the aptx file resulting from APT 25.0.3 as of March 15, 2017. 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

JWST Proposal 1176 (Created: Tuesday, February 20, 2018 5:00:26 PM EST) - Overview the sky. Except for the still uncertain APT overheads, all the remainder should be accurate as of the submission date of March 31, 2017.

- (4) Depending on how the exact JWST overhead charges evolve in 2017, our final plan to observe our targets in Table 1 may have to be modified somewhat later in 2017. Our science plan and targets will largely remain the same, however. 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 25.0.3 in Table 1 in March 2017.
- (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 straylight contributions in each particular WMDF field.

Further details can be obtained from the PDF file submitted to STScI on April 1, 2017.

Pro	posal 117	6 - Observation	on 211 - JWST	Medium-Deer	o Fields V	Vindhorst IDS C	GTO Program			
_		, Observation 211: MA							Tue Feb	20 22:00:26 GMT 2018
I₩	Diagnostic Sta	tus: Warning								
Observation	Observing Tem	plate: NIRCam Imagin	g							
Se										
Ιô										
Diagnostics	(Visit 211:1) W	varning (Form): Overhe	ads are provisional unti	l the Visit Planner has t	oeen run.					
	# 1	Name	Target Coord	inates		Targ. Coord. Correc	ctions	Misce	llaneous	
ş	(9)	MACSJ0416.1-2403	RA: 04 16 8.90	000 (64.0370833d)						
Įğ			Dec: -24 04 28	3.70 (-24.07464d)						
Targets			Equinox: J200							
Fixed	Comments: Thi	s object was generated	by the targetselector and intings as published in	nd retrieved from the SI	MBAD database.					
۱ž	Category=Clus	ters of Galaxies	nntings as publishea in	Loiz, et at. (2017).						
Ι-	Description=[R Extended=Unk	Rich clusters]								
ė	Module					Subarray				
<u>a</u>	ALL					FULL				
Template										
<u>1</u>										
ıs	#	Pı	rimary Dither Type	Primary Di	thers	Subpixel Dither T	ype Dithe	er Size	Subpixel P	ositions
Dithers	1	IN	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
ΙĔ	1	F090W	F444W	DEEP8	7	1	3	3	4155.13	
Iä	2	F115W	F410M	DEEP8	7	1	3	3	4155.13	
ā	3	F150W	F356W	MEDIUM8	9	1	3	3	2866.718	
支	4	F200W	F277W	MEDIUM8	9	1	3	3	2866.718	
١ğ										
\vdash		10 : 22 5	(12.10.00c/77 - 25.55	6.175)						
nents	Aperture PA Ra	ange 109 to 113 Degree	(V3 19.026475 to 23.02) es (V3 109.026475 to 11	3.026475)						
_	Aperture PA Ra	ange 199 to 203 Degree	es (V3 199.026475 to 20 es (V3 289.026475 to 29	03.026475)						
<u>i.</u>	Offset -85.0 arc	esec, -5.0 arcsec	58 (V 3 289.020473 to 29	73.020473)						
급	No Parallel									
Special Require	212 After 211 b	by 30 Days to 300 Days	3							
<u>ia</u>										
l s										
က်										

Pro	posal 117	6 - Observatio	n 212 - JWST	Medium-Deer	Fields \	Windhorst IDS C	TO Program			
		, Observation 212: MA							Tue Feb	20 22:00:27 GMT 2018
Iĕ	Diagnostic Sta	tus: Warning								
Observation	Observing Tem	nplate: NIRCam Imaging	g							
Se										
ŏ										
Diagnostics	(Visit 212:1) W	/arning (Form): Overhea	ads are provisional unti	l the Visit Planner has b	een run.					
	#	Name	Target Coord	inates		Targ. Coord. Correc	tions	Misce	llaneous	
Targets	(9)	MACSJ0416.1-2403	RA: 04 16 8.90	000 (64.0370833d)						
Į				3.70 (-24.07464d)						
] F			Equinox: J200							
Fixed	Comments: Thi	is object was generated o odated to match HFF po	by the targetselector an intings as published in	d retrieved from the SL Lotz et al. (2017)	MBAD database.					
lĚ	Category=Clus	sters of Galaxies	inings as phonsned in	2012 61 41. (2017).						
	Description=[F Extended=Unk	xicn clusters] nown								
te	Module					Subarray				
Pa Pa	ALL					FULL				
Template										
_										
ers	#	•	rimary Dither Type	Primary Di	thers	Subpixel Dither Ty	pe Dithe	er Size	Subpixel P	ositions
Dithers		IIN	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 ID
ΙĔ	1	F090W	F444W	DEEP8	7	1	3	3	4155.13	
Ιŭ	2	F115W	F410M	DEEP8	7	1	3	3	4155.13	
<u>a</u>	3	F150W	F356W	MEDIUM8	9	1	3	3	2866.718	
t	4	F200W	F277W	MEDIUM8	9	1	3	3	2866.718	
١ğ										
_	Amantuna DA D	anga 10 to 22 Dag (W2 10 026475 to 22 02	6475)						
nents	Aperture PA Ra	ange 19 to 23 Degrees (ange 109 to 113 Degrees	s (V3 109.026475 to 11	3.026475)						
_	Aperture PA R	ange 199 to 203 Degrees ange 289 to 293 Degrees	s (V3 199.026475 to 20 s (V3 289 026475 to 29)3.026475))3.026475)						
₽	Offset -85.0 ard	csec, -5.0 arcsec	5 (10 20)10201701029	2.020.72)						
۱ <u>چ</u>	No Parallel									
Special Require	212 After 211 b	by 30 Days to 300 Days by 30 Days to 300 Days								
<u>'ä</u>	213 AHCI 212 (by 50 Days to 500 Days								
۱ĕ										

Pro	posal 11	176 - Observatio	n 213 - JWST	Medium-Deer	Fields \	Windhorst IDS G	TO Program			
_		76, Observation 213: MA							Tue Feb	20 22:00:27 GMT 2018
Iĕ	Diagnostic S	Status: Warning								
I≊	Observing To	emplate: NIRCam Imaging	g							
Sel										
Observation										
Diagnostics	(Visit 213:1)	Warning (Form): Overhea	ads are provisional unti	l the Visit Planner has b	een run.					
	#	Name	Target Coord	linates		Targ. Coord. Correc	tions	Misce	llaneous	
ţ	(9)	MACSJ0416.1-2403	RA: 04 16 8.9	000 (64.0370833d)						
] B			Dec: -24 04 28	8.70 (-24.07464d)						
Targets			Equinox: J200	00						
ğ.	Comments: T	This object was generated	by the targetselector ar	nd retrieved from the SI	MBAD database.					
Fixed	Coordinates Category=	updated to match HFF po lusters of Galaxies =[Rich clusters]	intings as published in	Lotz et al. (2017).						
4	Extended=U	nknown				G 1				
ag	Module					Subarray				
Template	ALL					FULL				
e.										
_	#	D _r .	imary Dither Type	Primary Di	thors	Subpixel Dither Ty	zno Dithe	er Size	Subpixel P	ositions
ē	1	·	TRAMODULEX	3	iners	STANDARD	pe Dine	1 Size	1 Subpixer 1	ositions
Dithers	1	II.	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 ID
ΙĔ	1	F090W	F444W	DEEP8	6	1	3	3	3510.924	
l#	2	F115W	F410M	DEEP8	6	1	3	3	3510.924	
ΙĒ	3	F150W	F356W	MEDIUM8	9	1	3	3	2866.718	
ΙË	4	F200W	F277W	MEDIUM8	9	1	3	3	2866.718	
l ĕ										
S										
ents	Aperture PA	Range 19 to 23 Degrees (V3 19.026475 to 23.02	6475)						
e l	Aperture PA	Range 109 to 113 Degree Range 199 to 203 Degree	s (V3 109.026475 to 1. s (V3 199.026475 to 20	13.026475) 03.026475)						
e i	Aperture PA	Range 289 to 293 Degree								
ŀĘ	Offset -85.0 a No Parallel	arcsec, -5.0 arcsec								
ğ										
Special Requiren	213 After 21	2 by 30 Days to 300 Days								
<u>'ë</u>										
l š										
Sp										
,	1									

Pro	posal 117	<u> 76 - Observatio</u>	on 221 - JVVS I	Medium-Deep	o Fieias v	vinanorst IDS G	O Program			
		6, Observation 221: Ab							Tue Feb	20 22:00:27 GMT 2018
Iĕ	Diagnostic Sta	atus: Warning								
≥	_	nplate: NIRCam Imagin	ıg							
Sel										
Observation										
Diagnostics	(Visit 221:1) W	Varning (Form): Overhe	eads are provisional unti	l the Visit Planner has b	een run.					
	#	Name	Target Coord	linates		Targ. Coord. Correc	tions	Misce	laneous	
ţ	(10)	ACO-2744	RA: 00 14 21.	2000 (3.5883333d)						
] B			Dec: -30 23 50).10 (-30.39725d)						
Targets			Equinox: J200	0						
٦	Comments: The	is object was generated	by the targetselector ar	nd retrieved from the SI	MBAD database.					
Fixed	Coordinates up	pdated to match HFF po esters of Galaxies	ointings as published in	Lotz et al. (2017).						
I۳	Description=[A	Abell clusters, Rich clus	sters]							
	Extended=Unk	known				G I				
ate	Module					Subarray				
Ιē	ALL					FULL				
						TOLL				
Ē						TOLL				
s Template	#	P	rimary Dither Type	Primary Dit	thers		vpe Dithe	er Size	Subpixel P	ositions
_	#		rimary Dither Type	Primary Dit	thers	Subpixel Dither Ty	pe Dithe	er Size	Subpixel P	ositions
Dithers Ter	# 1			•	thers	Subpixel Dither Ty	pe Dithe	r Size	Subpixel P	ositions
Dithers	# 1			•	thers Groups/Int	Subpixel Dither Ty	pe Dithe Total Integrations		Subpixel P 1 Total Exposure Time	ositions ETC Wkbk.Calc ID
Dithers	# 1	IN	NTRAMODULEX	3		Subpixel Dither Ty STANDARD			1 Total Exposure	ETC Wkbk.Calc
Dithers	# 1 1 2	IN Short Filter	NTRAMODULEX Long Filter	3 Readout Pattern	Groups/Int	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations	Total Dithers	1 Total Exposure Time	ETC Wkbk.Calc
Dithers	# 1 2 3	Short Filter F090W	Long Filter F444W	Readout Pattern DEEP8	Groups/Int	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time 3510.924	ETC Wkbk.Calc
Dithers	# 1 2 3 4	Short Filter F090W F115W	Long Filter F444W F410M	Readout Pattern DEEP8 DEEP8	Groups/Int 6 6	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations 3 3	Total Dithers 3 3	1 Total Exposure Time 3510.924 3510.924	ETC Wkbk.Calc
Dithers	# 1 1 2 3 4	Short Filter F090W F115W F150W	Long Filter F444W F410M F356W	Readout Pattern DEEP8 DEEP8 MEDIUM8	Groups/Int 6 6 8	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 3510.924 3510.924 2544.614	ETC Wkbk.Calc
Spectral Elements Dithers	# 1 # 1 2 3 4	Short Filter F090W F115W F150W	Long Filter F444W F410M F356W	Readout Pattern DEEP8 DEEP8 MEDIUM8	Groups/Int 6 6 8	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 3510.924 3510.924 2544.614	ETC Wkbk.Calc
Spectral Elements Dithers	# 1 2 3 4 Aperture PA R	Short Filter F090W F115W F150W F200W	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 3510.924 3510.924 2544.614	ETC Wkbk.Calc
ents Spectral Elements Dithers	Aperture PA R	Short Filter F090W F115W F150W F200W Range 5 to 9 Degrees (Vange 95 to 99 Degrees)	Long Filter F444W F410M F356W F277W 3 5.026475 to 9.026475 (V3 95.026475 to 99.02	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 3510.924 3510.924 2544.614	ETC Wkbk.Calc
nents Spectral Elements Dithers	Aperture PA R Aperture PA R Aperture PA R	Short Filter F090W F115W F150W F200W Range 5 to 9 Degrees (V: tange 95 to 99 Degrees (2 tange 185 to 189 Degree tange 275 to 279 Degree tange 275 to 279 Degree	F444W F410M F356W F277W 3 5.026475 to 9.026475 (V3 95.026475 to 185.026475 to 185.026	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8	Groups/Int 6 6 8	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 3510.924 3510.924 2544.614	ETC Wkbk.Calc
nents Spectral Elements Dithers	Aperture PA R Aperture PA R Aperture PA R Offset -85.0 ard No Parallel	Short Filter F090W F115W F150W F200W Range 5 to 9 Degrees (V. Range 95 to 99 Degrees (Range 185 to 189 Degree 183 to 189 Degree 184 to 279 Degree 185 to 279 Degree 275 to 2	F444W F410M F356W F277W 3 5.026475 to 9.026475 (V3 95.026475 to 99.02 es (V3 185.026475 to 27)	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 0 6475) 39.026475) 79.026475)	Groups/Int 6 6 8	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 3510.924 3510.924 2544.614	ETC Wkbk.Calc
nents Spectral Elements Dithers	Aperture PA R Aperture PA R Aperture PA R Offset -85.0 ard No Parallel	Short Filter F090W F115W F150W F200W Range 5 to 9 Degrees (V: tange 95 to 99 Degrees (2 tange 185 to 189 Degree tange 275 to 279 Degree tange 275 to 279 Degree	F444W F410M F356W F277W 3 5.026475 to 9.026475 (V3 95.026475 to 99.02 es (V3 185.026475 to 27)	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 0 6475) 39.026475) 79.026475)	Groups/Int 6 6 8	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 3510.924 3510.924 2544.614	ETC Wkbk.Calc
nents Spectral Elements Dithers	Aperture PA R Aperture PA R Aperture PA R Offset -85.0 ard No Parallel	Short Filter F090W F115W F150W F200W Range 5 to 9 Degrees (V. Range 95 to 99 Degrees (Range 185 to 189 Degree 183 to 189 Degree 184 to 279 Degree 185 to 279 Degree 275 to 2	F444W F410M F356W F277W 3 5.026475 to 9.026475 (V3 95.026475 to 99.02 es (V3 185.026475 to 27)	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 0 6475) 39.026475) 79.026475)	Groups/Int 6 6 8	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 3510.924 3510.924 2544.614	ETC Wkbk.Calc
nents Spectral Elements Dithers	Aperture PA R Aperture PA R Aperture PA R Offset -85.0 ard No Parallel	Short Filter F090W F115W F150W F200W Range 5 to 9 Degrees (V. Range 95 to 99 Degrees (Range 185 to 189 Degree 183 to 189 Degree 184 to 279 Degree 185 to 279 Degree 275 to 2	F444W F410M F356W F277W 3 5.026475 to 9.026475 (V3 95.026475 to 99.02 es (V3 185.026475 to 27)	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 0 6475) 39.026475) 79.026475)	Groups/Int 6 6 8	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 3510.924 3510.924 2544.614	ETC Wkbk.Calc
ents Spectral Elements Dithers	Aperture PA R Aperture PA R Aperture PA R Offset -85.0 ard No Parallel	Short Filter F090W F115W F150W F200W Range 5 to 9 Degrees (V. Range 95 to 99 Degrees (Range 185 to 189 Degree 183 to 189 Degree 184 to 279 Degree 185 to 279 Degree 275 to 2	F444W F410M F356W F277W 3 5.026475 to 9.026475 (V3 95.026475 to 99.02 es (V3 185.026475 to 27)	3 Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 0 6475) 39.026475) 79.026475)	Groups/Int 6 6 8	Subpixel Dither Ty STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 3510.924 3510.924 2544.614	ETC Wkbk.Calc

Pro	posal 11	176 - Observation	on 231 - JWST	Medium-Deer	o Fields V	Vindhorst IDS G	TO Program			
		76, Observation 231: M					• •		Tue Feb	20 22:00:27 GMT 2018
I₩	Diagnostic S	Status: Warning								
Ş	_	emplate: NIRCam Imagii	ng							
Sel										
Observation										
Diagnostics	(Visit 231:1)	Warning (Form): Overho	eads are provisional unti	il the Visit Planner has b	een run.					
	#	Name	Target Coord	linates		Targ. Coord. Correc	tions	Misce	llaneous	
ts	(11)	MACSJ1149+2223	RA: 11 49 36.	3000 (177.4012500d)						
Ιğ			Dec: +22 23 5	8.10 (22.39947d)						
Targets			Equinox: J200	00						
Fixed	Comments: T	This object was generated	l by the targetselector a	nd retrieved from the SI	MBAD database.					
l <u>×</u>	Coordinates Category=C	updated to match HFF p lusters of Galaxies	ointings as published in	Lotz et al. (2017).						
1"	Description=	lusters of Galaxies =[Rich clusters]								
a	Extended=U Module	пкпошп				Subarray				
<u> a</u> te	ALL					FULL				
Template	ALL					FULL				
Ιē										
_	#	P	rimary Dither Type	Primary Di	thers	Subpixel Dither Ty	pe Dithe	r Size	Subpixel P	ositions
Dithers	1	I	NTRAMODULEX	3		STANDARD			1	
_	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithors	Total Exposure	ETC Wkbk.Calc
Spectral Elements	,								Time	ID ID
eΠ	1	F090W	F444W	DEEP8	6	1	3	3	3510.924	
	2	F115W	F410M	DEEP8	6	1	3	3	3510.924	
<u>ra</u>	3	F150W	F356W	MEDIUM8	8	1	3	3	2544.614	
ᅜ	4	F200W	F277W	MEDIUM8	8	1	3	3	2544.614	
Ιğ										
_	Aperture PA	Range 258 to 270 Degre	es (V3 258 026475 to 2	70 026475)						
nents	Offset -85.0	arcsec, -5.0 arcsec	cs (v 5 256.020475 to 2	70.020473)						
١Ĕ	No Parallel									
i.										
15										
Requ										
ial Requ										
ecial Requ										
Special Requirer										

Pro	posal 1	176 - Observat	tion 241 - JWST	Medium-Dee	p Fields V	Vindhorst IDS C	STO Program			
		76, Observation 241: 1					•		Tue Feb	20 22:00:27 GMT 2018
Iặ	Diagnostic S	Status: Warning								
ĮΣ	Observing T	emplate: NIRCam Imag	ging							
Observation										
ŏ										
SS	(Visit 241:1)) Warning (Form): Over	heads are provisional unti	l the Visit Planner has	been run.					
Diagnostics										
2										
ag										
قا										
ړ	#	Name	Target Coord	inates		Targ. Coord. Correc	etions	Misce	llaneous	
Targets	(12)	EL-GORDO	RA: 01 02 52.	5000 (15.7187500d)						
a [3.00 (-49.24944d)						
=			Equinox: J200							
Fixed	Comments:	This object was generate	ed by the targetselector ar	nd retrieved from the SI	MBAD database.					
ΙÊ	Description=	Clusters of Galaxies =[Rich clusters] Inknown								
		Inknown								
ate	Module					Subarray				
틸	ALL					FULL				
Template										
	#		Primary Dither Type	Primary Di	thers	Subpixel Dither Ty	vne Dithe	er Size	Subpixel Po	ositions
Je l	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
l e	1	F090W	F444W	DEEP8	5	1	3	3	2866.718	
<u>e</u>	2	F115W	F410M	DEEP8	5	1	3	3	2866.718	
<u>ڇ</u> ا	3	F150W	F356W	MEDIUM8	6	1	3	3	1900.408	
ΙË	4	F200W	F277W	MEDIUM8	6	1	3	3	1900.408	
ě										
-										
ements	No Parallel	Limited Background n	o more than 40% above m	inimum						
l e	Dackground	Limited. Dackground in	o more than 40% above ii	mmum						
ē										
ĮΞ										
Įĕ										
۱ä										
<u> Š</u>										
Special Requir										
U)										

P٢	oposal 1	176 - Observati	011 Z3 I - JVV3 I	wealum-Deel	D Fleids 1	VINGHOIST IDS C	o Piodiani			
_		176, Observation 251: Pl							Tue Feb	20 22:00:27 GMT 2018
∺	Diagnostic	Status: Warning								
1 ≥ 8	Observing 7	Геmplate: NIRCam Imagi	ng							
Sel		1								
Observation										
_) Warning (Form): Overh	ands are provisional unti	il the Vicit Planner has l	haan run					
Diagnostics	(VISIT 231.1) warming (Form). Overn	icads are provisional und	if the visit I famile has t	been run.					
5	,									
Ιë										
H	#	Name	Target Coord	linates		Targ. Coord. Correc	tions	Misce	llaneous	
Targets	(13)	PLCK-G165.7+67.0		0000 (171.8125000d)		img, coolin collec		1,11500		
Ιğ		12011 010017 10710		31.00 (42.47528d)						
<u>a</u> [Equinox: J200							
۵	Comments:		2qamom v 200	, 0						
Fixed	Category=0	Clusters of Galaxies								
I۳	Description Extended=U	Clusters of Galaxies =[Rich clusters] Unknown								
ē						Subarray				
<u>ā</u>	ALL					FULL				
Template	•									
Ιē										
δ	#	_								
4.		F	Primary Dither Type	Primary Di	thers	Subpixel Dither Ty	ype Dithe	er Size	Subpixel P	ositions
1 8	1		Primary Dither Type NTRAMODULEX	Primary Di	thers	Subpixel Dither Ty STANDARD	ype Dithe	er Size	Subpixel P	ositions
Dithers	1				thers	•	ype Dithe	er Size		ositions
_	_				Groups/Int	•	ype Dithe			esitions ETC Wkbk.Calc
_	_	I	NTRAMODULEX	3		STANDARD			1 Total Exposure	ETC Wkbk.Calc
_	_	Short Filter	NTRAMODULEX Long Filter	3 Readout Pattern	Groups/Int	STANDARD Integrations/Exp	Total Integrations	Total Dithers	l Total Exposure Time	ETC Wkbk.Calc
_	_	Short Filter F090W	NTRAMODULEX Long Filter F444W	Readout Pattern DEEP8	Groups/Int	STANDARD Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time 2866.718	ETC Wkbk.Calc
_	_	Short Filter F090W F115W	Long Filter F444W F410M	Readout Pattern DEEP8 DEEP8	Groups/Int 5 5	STANDARD Integrations/Exp	Total Integrations 3 3	Total Dithers 3 3	1 Total Exposure Time 2866.718 2866.718	ETC Wkbk.Calc
_	_	Short Filter F090W F115W F150W	Long Filter F444W F410M F356W	Readout Pattern DEEP8 DEEP8 MEDIUM8	Groups/Int 5 5 6	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 2866.718 2866.718 1900.408	ETC Wkbk.Calc
Spectral Elements Dithe	_	Short Filter F090W F115W F150W	Long Filter F444W F410M F356W	Readout Pattern DEEP8 DEEP8 MEDIUM8	Groups/Int 5 5 6	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 2866.718 2866.718 1900.408	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 5 5 6	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 2866.718 2866.718 1900.408	ETC Wkbk.Calc
Spectral Elements	# 1 2 3 4	Short Filter F090W F115W F150W F200W A Range 108 to 130 Degree	Long Filter F444W F410M F356W F277W	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8	Groups/Int 5 5 6	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 2866.718 2866.718 1900.408	ETC Wkbk.Calc
_	# 1 2 3 4 Aperture PA Aperture PA Offset 65.0 No Parallel	F090W F115W F150W F200W A Range 108 to 130 Degree A Range 255 to 340 Degree arcsec, 10.0 arcsec	F444W F410M F356W F277W ees (V3 108.026475 to 17 ees (V3 255.026475 to 34 ees (V3 255.026475 to	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8	Groups/Int 5 5 6	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 2866.718 2866.718 1900.408	ETC Wkbk.Calc
ements Spectral Elements	# 1 2 3 4 Aperture PA Aperture PA Offset 65.0 No Parallel	Short Filter F090W F115W F150W F200W A Range 108 to 130 Degree A Range 255 to 340 Degree arcsec, 10.0 arcsec	F444W F410M F356W F277W ees (V3 108.026475 to 17 ees (V3 255.026475 to 34 ees (V3 255.026475 to	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8	Groups/Int 5 5 6	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 2866.718 2866.718 1900.408	ETC Wkbk.Calc
ements Spectral Elements	# 1 2 3 4 Aperture PA Aperture PA Offset 65.0 No Parallel	F090W F115W F150W F200W A Range 108 to 130 Degree A Range 255 to 340 Degree arcsec, 10.0 arcsec	F444W F410M F356W F277W ees (V3 108.026475 to 17 ees (V3 255.026475 to 34 ees (V3 255.026475 to	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8	Groups/Int 5 5 6	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 2866.718 2866.718 1900.408	ETC Wkbk.Calc
ements Spectral Elements	# 1 2 3 4 Aperture PA Aperture PA Offset 65.0 No Parallel	F090W F115W F150W F200W A Range 108 to 130 Degree A Range 255 to 340 Degree arcsec, 10.0 arcsec	F444W F410M F356W F277W ees (V3 108.026475 to 17 ees (V3 255.026475 to 34 ees (V3 255.026475 to	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8	Groups/Int 5 5 6	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 2866.718 2866.718 1900.408	ETC Wkbk.Calc
ements Spectral Elements	# 1 2 3 4 Aperture PA Aperture PA Offset 65.0 No Parallel	F090W F115W F150W F200W A Range 108 to 130 Degree A Range 255 to 340 Degree arcsec, 10.0 arcsec	F444W F410M F356W F277W ees (V3 108.026475 to 17 ees (V3 255.026475 to 34 ees (V3 255.026475 to	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8	Groups/Int 5 5 6	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 2866.718 2866.718 1900.408	ETC Wkbk.Calc
Spectral Elements	# 1 2 3 4 Aperture PA Aperture PA Offset 65.0 No Parallel	F090W F115W F150W F200W A Range 108 to 130 Degree A Range 255 to 340 Degree arcsec, 10.0 arcsec	F444W F410M F356W F277W ees (V3 108.026475 to 17 ees (V3 255.026475 to 34 ees (V3 255.026475 to	Readout Pattern DEEP8 DEEP8 MEDIUM8 MEDIUM8 MEDIUM8	Groups/Int 5 5 6	STANDARD Integrations/Exp	Total Integrations 3 3 3	Total Dithers 3 3 3	Total Exposure Time 2866.718 2866.718 1900.408	ETC Wkbk.Calc

Pro	posal 1	176 - Observa	ntion 261 - JWST	Medium-Dee	p Fields \	Windhorst IDS G	TO Program			
_		176, Observation 261:					•		Tue Feb	20 22:00:27 GMT 2018
ă; [_	Status: Warning								
<u>چ</u>	Observing T	Template: NIRCam Ima	aging							
Observation										
Diagnostics	(Visit 261:1)) Warning (Form): Ove	erheads are provisional unti	il the Visit Planner has l	been run.					
Sti										
١ĕ										
<u>a</u> i [
₽	"	N 7	T	·· .		m		3.51		
ts	(14)	Name GAMA-100033	Target Coord			Targ. Coord. Correc	tions	Misce	llaneous	
Fixed Targets	(14)	GAMA-100033		8930 (130.5870542d) 32.66 (1.64241d)						
<u>a</u> ∐			Equinox: J200							
<u>ğ</u>	Comments:		Equilion. 3200	,,						
<u>.</u> ≝	Category=C	Clusters of Galaxies								
Ľ	Extended=U	=[Galaxy groups] Inknown								
ţ	Module					Subarray				
l a	ALL					FULL				
Template										
_										
ers	#		Primary Dither Type	Primary Di	thers	Subpixel Dither Ty	vpe Dithe	er Size	Subpixel P	ositions
Dithers			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
ΙĔ	1	F090W	F444W	DEEP8	5	1	3	3	2866.718	
18	2	F150W	F356W	MEDIUM8	6	1	3	3	1900.408	
ā	3	F200W	F277W	MEDIUM8	6	1	3	3	1900.408	
5										
l g										
	N D 11.1									
ž	No Parallel Background	Limited. Background	no more than 10% above n	ninimum						
l e										
<u>ë</u>										
ᄝ										
l 🤵										
ial R										
Special Requirements										

Pro	posal 1	176 - Observati	on 271 - JWST	Medium-Dee	p Fields V	Vindhorst IDS C	STO Program			
_		176, Observation 271: R					•		Tue Feb	20 22:00:27 GMT 2018
Iặ	Diagnostic	Status: Warning								
ĮΣ	Observing T	Template: NIRCam Imagi	ng							
Observation										
١ŏ										
S	(Visit 271:1) Warning (Form): Overh	eads are provisional unti	l the Visit Planner has l	been run.					
Diagnostics		-	-							
۱ë										
l g										
ä										
<u></u>	#	Name	Target Coord	linates		Targ. Coord. Correc	ctions	Misce	llaneous	
Targets	(15)	CLG-J1212+2733	RA: 12 12 22.	5128 (183.0938033d)						
l g			Dec: +27 34 1	3.88 (27.57052d)						
∟			Equinox: J200	00						
Fixed	Comments:	This object was generated	d by the targetselector ar	nd retrieved from the SI	MBAD database.					
ΙĚ	Category=C	Clusters of Galaxies =[Rich clusters] Inknown								
L	Extended=U	Inknown								
Ę.	Module					Subarray				
[원	ALL					FULL				
Template										
Dithers	#		Primary Dither Type	Primary Di	thers	Subpixel Dither Ty	ype Dithe	er Size	Subpixel P	ositions
<u>۽</u> ا	1	I	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
٦٤	1	F090W	F444W	DEEP8	5	1	3	3	2866.718	
Iä	2	F150W	F356W	MEDIUM8	6	1	3	3	1900.408	
a	3	F200W	F277W	MEDIUM8	6	1	3	3	1900.408	
l ti										
be										
-										
ements	Aperture PA No Parallel	A Range 122 to 128 Degree	ees (V3 122.026475 to 12	28.026475)						
l ē		Limited. Background no	more than 40% above m	ninimum						
ΙĒ										
l s										
=										
ا نَيْ										
Special Requir										
(O)										

ا چا				ST Medium-	<u> </u>	CIGO	villano	<u> </u>	<u>, </u>	rogram			
	Proposal 1176, O	bservation 111: NI	EP TDS FIELD Sp	oke GTO1								Tue Feb	20 22:00:27 GMT 2018
I ≝ lı	Diagnostic Status	s: Warning											
💆	Observing Templa	ate: NIRCam Imagir	ng										
Observation	Coordinated Paral	lel Template(s): NII	RISS Wide Field Sli	itless Spectroscopy									
ŏ													
		-	eads are provisional	until the Visit Plann until the Visit Plann									
∫ທຸ	# Na			oordinates			Targ. C	oord. Correc	tions		Miscella	aneous	
Jet	(8) JW	ST-NEP-TDS-FIEL		2 47.8960 (260.6995	*								
Targets				49 21.54 (65.822656	d)								
=	_		Equinox:	J2000									
	Comments: Category=Uniden	tified											
	Description=[Infr Extended=NO	ared sources, Radio	sources, Variable	radiation sources, Vi	isible sources	, X-ray sour	ces]						
-	Extended=NO NIRCam Imagin	α					NIDIO	SS Wide Field	Clitlocc	Spectroscopy	,		
<u>a</u>	Module: ALL	8					MINI	55 WILL FIELD	Sittless	specii oscopy			
ا د ا	Subarray: FULL												
Template	5464114y.1 622												
-	Rows	Colum	ns	Row Overlap %	%	Column (Overlap %	Row	shift		Column shift	Tile O	rder
sal	1	2		10.0		57.0	1	0.0	,		0.0	DEFA	ULT
Mosaic													
-	#	Prima	ry Dither Type	Primary Dithe	ers	Dither S	ize	Subj	pixel Pos	itions	Coordinated Pa Subpixel Selecte		r Direct Images
Dithers	1	INTRA	AMODULE	3				1			NIRCam Only		ER_DIRECT_IMAGE
Spectral Elements	NIRCam Imagin	g Short Filter	Long Filter	Readout Pa	attern Gre	oups/Int	Integr	rations/Exp	Total I	ntegrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
] a	1	F150W	F356W	MEDIUM8	5		1		3		3	1578.305	
<u>=</u> 2	2	F090W	F444W	DEEP8	6		1		3		3	3510.924	
 	3	F150W	F356W	MEDIUM8	5		1		3		3	1578.305	
[품]	4	F200W	F277W	MEDIUM8	5		1		3		3	1578.305	
ĕ :	5	F115W	F410M	DEEP8	6		1		3		3	3510.924	
S	6	F200W	F277W	MEDIUM8	5		1		3		3	1578.305	
# 1	NIRISS Wide Field Slitless	Exposure Type	Filter	Grism	Readout Pa	attern Gr	oups/Int	Integration	ons/Exp	Total Dither	s Total Integrations	Total Exposur Time	re ETC Wkbk.Calc ID
l a l	Spectroscopy 1	DIDECT	E200W		NIIC	1.1		1		2	2	1440 464	
<u> </u>	1	DIRECT GRISM	F200W	GR150C	NIS	11		1		3	3	1449.464	
	<u>د</u> ع	DIRECT	F200W F200W	GKISUC	NIS NIS	13		2		3	6 3	3414.293 1449.464	
¥	4	DIRECT	F200W F200W		NIS	11 11		1		3	3	1449.464	
ĕ	. 5	GRISM	F200W F200W	GR150R	NIS	13		2		3	6	3414.293	
	-		F200W	31(15)1(NIS	11		_		3	3	1449.464	

Group Visits within 53.0 Days
Aperture PA Range 210 to 270 Degrees (V3 210.026475 to 270.026475)
Visits Same PA
Offset 190.0 arcsec, -105.0 arcsec
No Parallel
Aperture PA Offset 112 from 111 by 177 to 180 Degrees (Same offsets in V3)

Pro	posal 1176	- Observation	on 112 - JW	ST Medium-	Deep Fields	Windho	rst IDS G	TO Proc	<u>gram</u>			
			EP TDS FIELD Spe								Tue Feb 20) 22:00:27 GMT 2018
Ιĕ	Diagnostic Status	: Warning										
Observation	Observing Templa	nte: NIRCam Imagir	ng									
)se	Coordinated Paral	lel Template(s): NII	RISS Wide Field Sli	tless Spectroscopy								
ŏ												
cs	(Visit 112:1) Warr	ning (Form): Overhe	eads are provisional	until the Visit Plann	er has been run.							
Diagnostics	(Visit 112:2) Warr	ning (Form): Overhe	eads are provisional	until the Visit Plann	er has been run.							
1 8												
jač												
尸	# NI-		T4 C	3:4		Т (C1 C			Misselle		
ţ	# Na (8) JW	me ST-NEP-TDS-FIEL		oordinates 2 47.8960 (260.6995)	6674)	1 arg. (Coord. Correcti	ions		Miscella	neous	
Targets	(6) 344	51-NEI-1D5-1 IEL		49 21.54 (65.82265d	· · · · · · · · · · · · · · · · · · ·							
_a □			Equinox:		•,							
Fixed	Comments:		1									
۱×۲	Category=Uniden	tified	o sources Variable s	radiation sources, Vi	isible sources. V ren	sources!						
Ľ	Extended=NO	area sources, Raaic	sources, variable i	radiation sources, vi	sible sources, X-ruy	sources						
ig [NIRCam Imagin	g				NIRI	SS Wide Field	Slitless Spec	troscopy			
۱ä	Module: ALL											
Template	Subarray: FULL											
-	D			P. O. I. O.	, G.1	0 1 0/	D	1.0		G 1 1:6	T:1 0	,
lä ä	Rows	Colum 2	ens	Row Overlap % 10.0	57.0	umn Overlap %	Row s 0.0	shift		Column shift 0.0	Tile Ora DEFAU	
Mosaic	1	2		10.0	37.0	,	0.0			0.0	DEFAU	L1
_	#	Primo	ry Dither Type	Primary Dithe	re Dit	ner Size	Subn	ixel Position	6	Coordinated Pa	rallal Dithar l	Direct Images
Dithers	π				is Diu	iei size		ixer i osition:		Subpixel Selector	or Primes	
Ē	1	INTRA	AMODULE	3			1			NIRCam Only	DITHEI S	R_DIRECT_IMAGE
Spectral Elements	NIRCam Imagin	g Short Filter	Long Filter	Readout Pa	ttern Groups/I	nt Integ	rations/Exp	Total Integr	rations To	tal Dithers	Total Exposure Time	ETC Wkbk.Calc ID
١ĕ	1	F150W	F356W	MEDIUM8	5	1		3	3		1578.305	
Ιä	2	F090W	F444W	DEEP8	6	1		3	3		3510.924	
a	3	F150W	F356W	MEDIUM8	5	1		3	3		1578.305	
5	4	F200W	F277W	MEDIUM8	5	1		3	3		1578.305	
Ιğ	5	F115W	F410M	DEEP8	6	1		3	3		3510.924	
	b Nithige Mar. 1	F200W	F277W	MEDIUM8	5 D 1 P-44	C	T4 4*	5 /E E :	3 -1 Di4b	T-4-1	1578.305	ETC WILL C.
nts	NIRISS Wide Field Slitless	Exposure Type	Filter	Grism	Readout Pattern	Groups/Int	integration	ns/Exp Tota	ai Ditners	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
Spectral Elements	Spectroscopy											
<u>e</u>	1	DIRECT	F200W	GD150G	NIS	11	1	3		3	1449.464	
1 =	2	GRISM	F200W	GR150C	NIS	13	2	3		6	3414.293	
tra	3	DIRECT	F200W		NIS	11	1	3		3	1449.464	
Ιĕ	5	DIRECT	F200W	GP 150P	NIS NIS	11	2	3		3	1449.464	
ß		GRISM	F200W	GR150R		13 11	ک 1	3		6	3414.293	
	6	DIRECT	F200W		NIS	11	1			3	1449.464	

Group Visits within 53.0 Days
Visits Same PA
Offset 190.0 arcsec, -105.0 arcsec
No Parallel
Aperture PA Offset 112 from 111 by 177 to 180 Degrees (Same offsets in V3)

<u>Pro</u>	posal 1176	- Observati	<u>on 113 - JW</u>	ST Medium-	Deep Fie	<u>lds V</u>	<u>Vindho</u>	rst IDS G	<u>TO F</u>	<u>rogram</u>			
uc	Proposal 1176, C	Observation 113: N	EP TDS FIELD Sp	oke GTO3								Tue Feb	20 22:00:27 GMT 2018
äi	Diagnostic Statu	s: Warning											
Įξ	Observing Templ	ate: NIRCam Imagii	ng										
Observation	Coordinated Para	llel Template(s): NI	RISS Wide Field Sli	tless Spectroscopy									
ō													
cs		rning (Form): Overh	-										
Diagnostics	(Visit 113:2) War	rning (Form): Overh	eads are provisional	until the Visit Plann	ner has been ru	n.							
۱ <u>چ</u>													
ja j													
₽	"		TT 4.0	* .			T. 6	1 10			36: 11		
ts		ame		oordinates	((7.1)		Targ. C	Coord. Correc	tions		Miscella	aneous	
ge	(8) JW	VST-NEP-TDS-FIEI		2 47.8960 (260.6995 49 21.54 (65.82265)	<i>'</i>								
Targets			Equinox:		u)								
<u>چ</u> ا	Comments:		Equiliox.	32000									
Fixed	Category=Uniden	ntified					-						
"	Description=[Inf Extended=NO	råred sources, Radio	o sources, Variable	radiation sources, V	isible sources,	X-ray sourc	esj						
ţ.	NIRCam Imagin	ng					NIRIS	SS Wide Field	Slitless	Spectroscopy	7		
 등	Module: ALL												
Template	Subarray: FULL												
Ľ													
ျှင္ပ	Rows	Colum	ins	Row Overlap %	%	Column O	verlap %	Row	shift		Column shift	Tile (Order
Mosaic	1	2		10.0		57.0		0.0			0.0	DEF	AULT
Ž													
Dithers	#	Prima	ary Dither Type	Primary Dithe	ers	Dither Siz	æ	Subj	pixel Pos	sitions	Coordinated Pa Subpixel Select		er Direct Images les
Dit	1	INTRA	AMODULE	3				1			NIRCam Only	DITI- S	IER_DIRECT_IMAGE
Spectral Elements	NIRCam Imagin	ng Short Filter	Long Filter	Readout Pa	attern Gro	ups/Int	Integr	rations/Exp	Total I	Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
١١	1	F150W	F356W	MEDIUM8	5		1		3		3	1578.305	
I≝	2	F090W	F444W	DEEP8	6		1		3		3	3510.924	
ā	3	F150W	F356W	MEDIUM8			1		3		3	1578.305	
支	4	F200W	F277W	MEDIUM8	5		1		3		3	1578.305	
ğ	5	F115W	F410M	DEEP8	6		1		3		3	3510.924	
۳	6	F200W	F277W	MEDIUM8			1		3		3	1578.305	
ıts	NIRISS Wide Field Slitless	Exposure Type	Filter	Grism	Readout Pa	ttern Gro	ups/Int	Integratio	ns/Exp	Total Dither	rs Total Integrations	Total Exposu Time	re ETC Wkbk.Calc ID
Spectral Elements	Spectroscopy												
le l	1	DIRECT	F200W		NIS	11		1		3	3	1449.464	
Ш	2	GRISM	F200W	GR150C	NIS	13		2		3	6	3414.293	
tra	3	DIRECT	F200W		NIS	11		1		3	3	1449.464	
ě	4	DIRECT	F200W	GD 150F	NIS	11		1		3	3	1449.464	
Sp.	5	GRISM	F200W	GR150R	NIS	13		2		3	6	3414.293	
Щ	6	DIRECT	F200W		NIS	11		1		3	3	1449.464	

Group Visits within 53.0 Days
Aperture PA Range 120 to 180 Degrees (V3 120.026475 to 180.026475)
Visits Same PA
Offset 190.0 arcsec, -105.0 arcsec
No Parallel
Aperture PA Offset 114 from 113 by 177 to 180 Degrees (Same offsets in V3)

Pro	posal 1176	6 - Observati	on 114 - JW	ST Medium-	Deep	Fields	Windho	rst IDS G	TO Prog	gram				
Ľ	Proposal 1176, (Observation 114: N	EP TDS FIELD Sp	oke GTO4								Tue l	Feb 20 2	22:00:27 GMT 2018
Observation	Diagnostic Statu	s: Warning												
Įξ	Observing Templ	late: NIRCam Imagi	ng											
Se	Coordinated Para	illel Template(s): NI	RISS Wide Field Sli	tless Spectroscopy										
ŏ														
cs		-	-	until the Visit Plann										
Diagnostics	(Visit 114:2) Wai	rning (Form): Overh	eads are provisional	until the Visit Plann	er has be	een run.								
	# Na	ame	Target C	oordinates			Targ. (Coord. Correc	tions		Miscella	neous		
Targets		VST-NEP-TDS-FIEI		2 47.8960 (260.6995	567d)									
Ιğ			Dec: +65	49 21.54 (65.82265	l)									
₽			Equinox:	J2000										
Fixed	Comments:													
 €	Category=Unide Description=[Inf		o sources, Variable i	radiation sources, Vi	sible soi	ırces, X-ray	sources]							
<u> </u>	Extended=NO													
ate	NIRCam Imagir	ng					NIRI	SS Wide Field	l Slitless Spec	troscopy				
Ιē	Module: ALL													
Template	Subarray: FULL													
i Si	Rows	Colun	ins	Row Overlap %	ó	Colı	umn Overlap %	Row	shift		Column shift	Ti	le Orde	r
Mosaic	1	2		10.0		57.0)	0.0			0.0	DI	EFAUL	Γ
Dithers	#	Prima	ary Dither Type	Primary Dithe	rs	Dith	ner Size	Sub	pixel Position	s	Coordinated Pa Subpixel Selector		ther Di imes	rect Images
Ē	1	INTR	AMODULE	3				1			NIRCam Only	DI S	THER_	DIRECT_IMAGE
Spectral Elements	NIRCam Imagir	ng Short Filter	Long Filter	Readout Pa	ttern	Groups/In	nt Integ	rations/Exp	Total Integ	rations T	otal Dithers	Total Exposur Time		ETC Wkbk.Calc D
ΙĔ	1	F150W	F356W	MEDIUM8		5	1		3	3		1578.305		
Ιä	2	F090W	F444W	DEEP8		6	1		3	3		3510.924		
ā	3	F150W	F356W	MEDIUM8		5	1		3	3		1578.305		
뒪	4	F200W	F277W	MEDIUM8		5	1		3	3		1578.305		
Ιğ	5	F115W	F410M	DEEP8		6	1		3	3		3510.924		
100	6	F200W	F277W	MEDIUM8		5	1 7	.	3	3		1578.305		
Spectral Elements	NIRISS Wide Field Slitless Spectroscopy	Exposure Type	Filter	Grism	Keado	ut Pattern	Groups/Int	Integration	ons/Exp Tota	al Dithers	Total Integrations	Total Expe Time	osure	ETC Wkbk.Calc ID
em	1	DIRECT	F200W		NIS		11	1	3		3	1449.464		
Ī	2	GRISM	F200W	GR150C	NIS		13	2	3		6	3414.293		
ā	3	DIRECT	F200W		NIS		11	1	3		3	1449.464		
₹	4	DIRECT	F200W		NIS		11	1	3		3	1449.464		
Ιğ	5	GRISM	F200W	GR150R	NIS		13	2	3		6	3414.293		
1 37	6	DIRECT	F200W		NIS		11	1	3		3	1449.464		

Group Visits within 53.0 Days
Visits Same PA
Offset 190.0 arcsec, -105.0 arcsec
No Parallel
Aperture PA Offset 114 from 113 by 177 to 180 Degrees (Same offsets in V3)

on	_	Observation 121: SP	ITZER IDF						Tue Feb	20 22:00:27 GMT 20
aţ	Diagnostic Statu	_								
Observation	Observing Temp	late: NIRCam Imagin	g							
Diagnostics	(Visit 121:1) Wa	rning (Form): Overhe	ads are provisional until	the Visit Planner has b	een run.					
	# N	ame	Target Coord	inates		Targ. Coord. Correc	etions	Misce	llaneous	
l al yels	(7) SI	PITZER-IDF	RA: 17 40 8.00	000 (265.0333333d)		-				
ב ב			Dec: +69 00 8.	00 (69.00222d)						
-			Equinox: J200	0						
Lixed	Comments: Category=Unide Description=[Hi Extended=Unkno	ntified gh Latitude Field] own								
נו	Module					Subarray				
ובוווחומוב	ALL					FULL				
2	#	Pi	rimary Dither Type	Primary Di	thers	Subpixel Dither Ty	ype Dithe	r Size	Subpixel Po	ositions
Diffiers	1	FU	ULLBOX	6TIGHT		STANDARD			1	
	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
=	1	F150W	F444W	MEDIUM8	5	1	6	6	3156.61	
ו	2	F200W	F356W	MEDIUM8	5	1	6	6	3156.61	
Spectral Elements										

Pro	posal 11	76 - Observati	on 131 - JWST	Medium-Deei	p Fields \	Windhorst IDS C	TO Program			
		76, Observation 131: W							Tue Feb	20 22:00:27 GMT 2018
Observation	Diagnostic S	tatus: Warning								
Ľĕ	Observing Te	emplate: NIRCam Imagi	ng							
Se										
١å										
_	(Visit 131:1)	Warning (Form): Overh	eads are provisional until	the Visit Planner has l	been run.					
Diagnostics	,		1							
۱ĕ										
ğ										
Iä⊓										
	#	Name	Target Coord	inates		Targ. Coord. Correc	tions	Misce	llaneous	
Targets	(16)	WFC3-ERS-FIELD	RA: 03 32 42.3	3970 (53.1766542d)						
ğ			Dec: -27 42 7.5	93 (-27.70220d)						
∟			Equinox: J200	0						
Fixed	Comments:									
Iĕ	Category=Go	alaxy :{Field aalaxies High-re	edshift galaxies, Lyman-b	reak galaries!						
	Extended=Un	nknown	easniji gaiaxies, Lyman o	reak galaxiesj						
ŧ	Module					Subarray				
l e	ALL					FULL				
Template										
ers	#		Primary Dither Type	Primary Di	thers	Subpixel Dither Ty	pe Dithe	er Size	Subpixel P	ositions
Dithers	1	I	NTRAMODULEBOX	4		STANDARD			1	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
٦	1	F090W	F444W	DEEP8	5	1	4	4	3822.29	
Iä	2	F115W	F410M	DEEP8	5	1	4	4	3822.29	
<u>=</u>	3	F150W	F356W	MEDIUM8	6	1	4	4	2533.878	
븅	4	F200W	F277W	MEDIUM8	6	1	4	4	2533.878	
be										
-										
ements	Aperture PA	Range 63 to 73 Degrees	(V3 63.026475 to 73.026 ees (V3 243.026475 to 25	6475)						
je	Aperture PA	Range 245 to 255 Degre	es (V5 245.020475 to 25	3.020473)						
:≣										
S										
1 =										
Cia										
Special Requir										
IΩ										

<u>Pro</u>	oposal 117	76 - Observa	<u>ıtion 311 - J</u>	WST Medi	um-Deep F	ields	Windhors	t IDS GTO I	Program			
Observation	Diagnostic Sta	5, Observation 311: atus: Warning applate: NIRSpec IFU									Tue Feb 20 2	2:00:27 GMT 2018
Diagnostics	(Visit 311:1) V	Varning (Form): Ove	erheads are provisi	onal until the Visit	Planner has been	run.						
S	#	Name	Targe	et Coordinates			Targ. Co	ord. Corrections		Miscellaneou	us	
Targets		NDWFS-1425+325 CENTRE	Dec: -	4 25 16.4109 (216 +32 54 9.49 (32.90 ox: J2000								
Fixed	Comments: Category=Gal Description=[A Extended=YES	Active galactic nucle	ei, High-redshift go	ılaxies, Infrared go	alaxies, Quasars]							
tion	#	AcqTarget	TA Method	Acq Subarı	ray AcqFilter		Acq Readout Pattern	Acq Groups/Int	Acq Integrations/Exp	Acq Total Integrations	Acq Total Exposure Time	Acq 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		Startin	g Point	Number of I	Points	Points	
Dithers	1		4-POINT-DITHI	ER					·			
suts	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Ex p	Leakca	nl Dither	Autocal	Total Dither	s Total Integrations	Total Exposure Time	e 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	
ဟ												

	<u>posal 1176 - Obs</u>		- JWS1 M	edium-Dee	o Fielas	vvinanors	1D8 G10 F	rogram			
Observation	Proposal 1176, Observation									Tue Feb 20 22	2:00:27 GMT 2018
ati	Diagnostic Status: Warning										
I≧	Observing Template: NIRSp	ec IFU Spectroscop	y								
SS											
ō											
SS	(Visit 321:1) Warning (Form): Overheads are pro	ovisional until the	Visit Planner has l	oeen run.						
Įij											
Diagnostics											
g											
ä											
	# Name	7	Farget Coordinate	es		Targ. Coo	rd. Corrections		Miscellaneou	ıs	
Targets	(24) SDSS-J0005-	0006-CENTRE F	RA: 00 05 52.3437	(1.4680988d)							
E		Ι	Dec: -00 06 56.98 (11583d)							
		F	Equinox: J2000								
eg	Comments: This object was	enerated by the tar	getselector and ret	rieved from the N	ED database.						
Fixed	Category=Galaxy Description=[Active galaction]	nuclei High-redsh	ift galaries Quase	ire1							
	Extended=YES	nucici, High reash	igi gaiaxies, Quasi	arsj							
Acquisition	# AcqTar	get TA Met	hod Acq Su	barray AcqF		.cq Readout attern	Acq Groups/Int	Acq Integrations/Exp	Acq Total Integrations		Acq ETC Wkbk.Calc ID
isi	1 23 SDSS 0006-QU		SUB20	48 CLEA	AR N	RSRAPID	3	1	1	3.628	12035.3
l 턌	0000-QC	ASAK									
Ĭ											
rs	#	Dither Typ	e	Size		Starting	Point	Number of P	oints	Points	
Dithers	1	4-POINT-D	ITHER								
I≓											
	# Grating/F	ilter Readout	Groups/Int	Integration	s/Ex Leakcal	Dither	Autocal	Total Dithers	s Total	Total Exposure	ETC
בֻ	" Grating/1	Pattern	Groups/Int	p	S/EX Ecurcui	Dither	Autocai	Total Ditlici	Integrations	Time	Wkbk.Calc ID
֓֟֝֟֝֟֟֝֟֟ <u>֚֟</u>	1 PRISM/CI	EAR NRSIRS2R.	API 30	1	true	true	NONE	4	4	1809.022	
I≞	A DDIG VO	D D	A.D.I. 20	1	C 1		NONE	4	4	1000.022	
<u>ڇ</u> ا	2 PRISM/CI	EAR NRSIRS2R. D	API 30	1	false	true	NONE	4	4	1809.022	
<u>ٿا</u> ا											
Spectral Elements											

				WST Medi	<u>um-Deep F</u>	ields	Windhors	t IDS GTO	Program		T F 1 20 20	0 00 27 CMT 2016
<u>ō</u> .	-	Observation 331:	z751 Galaxy								Tue Feb 20 2	2:00:27 GMT 2018
/at	Diagnostic State	_	I C									
e l		late: NIRSpec IFU										
Observation	Comments: No s	peciai requirement	ts. There is no resti	riction on parailei	observations as to	ong as ou	r main science goa	s are not affected.				
Diagnostics	(Visit 331:1) Wa	rning (Form): Ove	rheads are provision	onal until the Visit	Planner has been	run.						
	# N	ame	Targe	et Coordinates			Targ. Coo	rd. Corrections		Miscellaneo	18	
Targets	(19) F	IGS1292	RA: 1	2 36 37.9130 (189	0.1579708d)		Epoch of I	Position: 2000				
ا تو			Dec:	+62 18 8.60 (62.30)239d)							
∟			Equin	ox: J2000								
Fixed	Comments: Category=Galax Description=[His Extended=NO	ry gh-redshift galaxid	es]									
tion	#	AcqTarget	TA Method	Acq Subar	ray AcqFilter	•	Acq Readout Pattern	Acq Groups/Int	Acq Integrations/Exp	Acq Total Integrations		Acq ETC Wkbk.Calc ID
Acquisition	1	20 ACQTARG	ET WATA	FULL	CLEAR		NRSRAPID	3	1	1	42.947	12495.0
rs.	#		Dither Type		Size		Starting	Point	Number of	Points	Points	
Dithers	1		4-POINT-DITHE	ER								
ents	#	Grating/Filter	Readout Pattern	Groups/Int	Integrations/Ex p	Leakca	l Dither	Autocal	Total Dithe	rs Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
Spectral Elements	1	G140M/F070LP	NRSIRS2	14	1	false	true	NONE	4	4	4143.245	12494.0

Pro	posal 11	<u> 176 - Observation</u>	n 341 - JWST	Medium-Dee	p Fields V	Vindhorst IDS C	GTO Program			
		76, Observation 341: VV							Tue Feb	20 22:00:27 GMT 2018
Observation	Diagnostic S	Status: Warning								
ĮΣ	Observing To	emplate: NIRCam Imaging								
Se										
Ιŏ										
SS	(Visit 341:1)	Warning (Form): Overhead	ds are provisional unti	l the Visit Planner has l	been run.					
Diagnostics										
۱ĕ										
ag										
ä										
—	#	Name	Target Coord	linates		Targ. Coord. Correc	ctions	Miscel	laneous	
Targets	(5)	VV-191	RA: 13 48 22.	0992 (207.0920800d)		Proper Motion RA: 0				
عر اع			Dec: +25 40 4	0.01 (25.67778d)		Proper Motion Dec: 0)			
ΙË			Equinox: J200	0						
Fixed	Comments: T	This object was generated b	y the targetselector ar	nd retrieved from the N	ED database.					
 ₩	Category=G Description=	ataxy =[Elliptical galaxies, Spiral ES	l arms, Spiral galaxies	1						
┡		ES .								
ate	Module					Subarray				
直	ALL					FULL				
Template										
_	ш	n :	D'41 T	n : n:	41	C. L. J. D. J. T.	D'41	G.	g L ID	• 4 •
ers	1	NO NO	mary Dither Type	Primary Di	tners	Subpixel Dither To	ype Ditne	er Size	Subpixel Po	ositions
Dithers	1	NO	INE			STANDARD			3	
	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure	ETC Wkbk.Calc
Spectral Elements									Time	ID
Ì	1	F090W	F444W	SHALLOW4	5	1	3	3	805.258	
Ιŭ	2	F150W	F356W	SHALLOW4	5	1	3	3	805.258	
<u>a</u>										
둫										
١ğ										
-	0.00 . 70 0.7	22.04								
ements	Offset 59.35	arcsec, -32.94 arcsec								
l e										
<u>ē</u>										
a a										
Re l										
a										
BC.										
Special Requir										
1 "										

<u> </u>	-		-J1338-1942-IRFLD1						Tue Feb	20 22:00:27 GMT 20
) Vat	Diagnostic State Observing Temp	is: Warning late: NIRCam Imagin	g							
Observation										
Diagnostics	(Visit 361:1) Wa	rning (Form): Overhe	ads are provisional unti	l the Visit Planner has t	oeen run.					
	# N	ame	Target Coord	inates		Targ. Coord. Correc	etions	Misce	llaneous	
largets	(17) T	N-J1338-1942-IRFLD	01 RA: 13 28 26.	4420 (202.1101750d)		Ü				
ב ב			Dec: -19 44 26	5.97 (-19.74082d)						
<u>-</u>			Equinox: J200	0						
LIXed	Comments:	ers of Galaxies								
Ī	Description=[Hi	ers of Galaxies gh-redshift clusters] own								
	Module	own				Subarray				
<u>a</u>	ALL					FULL				
l emplate										
2	#	Pı	rimary Dither Type	Primary Di	thers	Subpixel Dither Ty	ype Dithe	er Size	Subpixel P	ositions
Ditners	1	IN	TRAMODULE	3		STANDARD			1	
<u>ב</u>	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	ETC Wkbk.Calc ID
			FOLOW	MEDIUM8	5	1	3	3	1578.305	
	1	F150W	F356W	THE PICTURE						
	1 2	F150W F200W	F356W F277W	MEDIUM8	5	1	3	3	1578.305	
Spectral Elements Dil	1 2				5	1	3	3	1578.305	

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

	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
	(20)	ACQTARGET	RA: 12 36 37.4380 (189.1559917d)		
			Dec: +62 18 14.80 (62.30411d)		
			Equinox: J2000		
	Comments: Category=Go Description= Extended=YI	[Field galaxies]			
Fixed Targets	(21)	NDWFS-1425+3254- QUASAR	RA: 14 25 16.3687 (216.3182029d)		
			Dec: +32 54 9.30 (32.90258d)		
			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.				
	Description=	Category=Galaxy Description=[Active galactic nuclei, High-redshift galaxies, Quasars] Extended=YES			