



12577 - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Cycle: 5, Proposal Category: GO

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
Cycle-4 NIRCam				
	1	Ep1-Pt1	NIRCam Imaging	(1) NIRCam-Epoch-1a
	2	Ep1-Pt2	NIRCam Imaging	(2) NIRCam-Epoch-1b
	3	Ep2-Pt1	NIRCam Imaging	(3) NIRCam-Epoch-2a
	4	Ep2-Pt2	NIRCam Imaging	(4) NIRCam-Epoch-2b
	5	Ep3-Pt1	NIRCam Imaging	(5) NIRCam-Epoch-3a
	6	Ep3-Pt2	NIRCam Imaging	(6) NIRCam-Epoch-3b
Cycle-4 NIRSpec/MSA				
	9	P1V3	NIRSpec MultiObject Spectroscopy	(10) MPT_input_v3
	10	P2V1.0	NIRSpec MultiObject Spectroscopy	(11) MPT_input_P2_v0.1

ABSTRACT

JWST is revolutionizing the study of high-redshift transients, opening up a new window on supernova (SN) science in particular. The power of JWST as a supernova discovery machine was most spectacularly demonstrated by the recent JADES Transient Survey (JTS), which detected 79 SNe in the ~ 25 square arcmin area of the JADES Deep Field in the GOODS-S down to ~ 30 mag (45 in 2022, 34 in 2023; ~ 1 -2/square arcmin per epoch). Remarkably, nearly half of the sample (38 SNe) are at $z > 2$ (reaching up to $z \sim 5$), which can be compared with only four $z > 2$ SNe discovered by HST despite an investment of ~ 1400 orbits (e.g., CANDELS, CLASH).

Leveraging ~ 230 hours of the JADES observations that produced the 2-epoch deep NIRCam data in 2022 and 2023, we propose here to conduct a first comprehensive survey of high-redshift transients by revisiting the same field over the next three cycles. In each cycle, we will carry out 3-epoch

JWST Proposal 12577 (Created: Friday, September 18, 2026, 1:01:23PM Eastern Standard Time) - Overview

multi-band NIRCam imaging to sample light curves and follow up brighter (<29 mag) sources with deep (~ 7 hr on-source) NIRSpec/MSA prism ($R\sim 100$) spectroscopy. Scaling from JTS, we expect to detect ~ 90 SNe over 3 years (~ 45 at $z>2$), ~ 30 of which can be targeted for NIRSpec follow-up. The obtained data will not only allow us to study the physics of individual SNe but also enable us to investigate the evolution of their properties toward high redshift, such as Type Ia luminosities (critical for dark-energy constraints) and core-collapse SN rates (effective for tracing IMF evolution). With the combination of ~ 30 mag depth and 5-year time baseline, this program will be uniquely powerful for probing high-redshift transients, pushing the transient frontier beyond $z\sim 5$.

OBSERVING DESCRIPTION

* NIRCam Imaging

We will image the JADES Deep field in GOODS-S once every year over the next 3 years (Cycles 4, 5, and 6). In each year, we will obtain NIRCam images at 3 epochs with a cadence of ~ 45 days. To cover most of the JADES Deep field (~ 25 arcmin²), we take NIRCam images at two pointings at each epoch. The Epoch-1 images are used to detect new transients, and will be taken at a specific PA to reproduce the footprint of the original JADES-Deep images. The Epoch-2/3 images will be used to measure the light curves of discovered transients, and the pointings will be adjusted to maximize the coverage of high-priority targets (e.g., high-redshift transients). For the robust identification of transient types via SEDs, we will use 6 filters for Epoch-1 (F115W/F150W/F200W/F277W/F356W/F444W). For Epoch2/3, the 4 filters most critical for the source characterization will be used (F150W/F200W/F277W/F356W). The integration time is 1.1 hr/filter per epoch, which will achieve a 5-sigma detection limit of ~ 29 AB mag. For F150W/F200W/F277W/F356W, the total integration time will be 3 times longer, achieving a detection limit of ~ 30 mag. The corresponding observing times are 9.4 hrs for Epoch-1 and 6.9 hrs for Epoch-2 and -3, respectively. The total NIRCam observing time per cycle is 23.2 hrs.

* NIRSpec/MSA Spectroscopy

We will trigger two ToO NIRSpec/MSA observations per cycle to obtain spectra of discovered transients. Two observations are requested to cover most of the JADES Deep field with two pointings. We will use the low-resolution ($R\sim 100$) prism to capture the spectra of the transients as well as to measure the redshifts of the host galaxies. Considering the faintness of many of our targets, we adopt the observing strategy successfully employed by the JADES NIRSpec Deep survey: the triple dithered, noddied, 19-group NRSIRS2 exposures with two ramps in each exposure. Hence, each sub-exposure ramp is of 1400 s duration, and each target is observed in six ramps for a total of 8400 s at each dither. All targets will be covered at all three dithers and therefore exposed for a total of 25200 s (7 hours), which will yield usable continuum spectra down to ~ 29 mag. The observing time is 9.8 hrs per pointing, so the total observing time per cycle is 19.7 hrs.

We provide a sample MSA design, which has been copied from DDT-6541 in the STScI Archive and used with two MSA observations (Obs 7 and 8). These observations serve as placeholders that will provide realistic schedule windows and time accounting.

The total observing time (NIRCam+NIRSpec) is therefore ~42.9 hrs per cycle. We will repeat the same set of observations in 3 cycles with a total time request of 128.7 hrs.

Proposal 12577 - Targets - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Fixed Targets	#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
	(1)	NIRCam-Epoch-1a	RA: 03 32 43.5118 (53.1812992d) Dec: -27 47 33.06 (-27.79252d) Equinox: J2000 Comments: Category=Unidentified Description=[Blank field]		
	(2)	NIRCam-Epoch-1b	RA: 03 32 34.9552 (53.1456467d) Dec: -27 46 30.75 (-27.77521d) Equinox: J2000 Comments: Category=Unidentified Description=[Blank field]		
	(3)	NIRCam-Epoch-2a	RA: 03 32 42.7666 (53.1781942d) Dec: -27 45 30.91 (-27.75859d) Equinox: J2000 Comments: Actual pointing coordinates will be determined based on the locations of high-priority targets identified in the Epoch-1 images. Category=Unidentified Description=[Blank field]		
	(4)	NIRCam-Epoch-2b	RA: 03 32 40.1787 (53.1674113d) Dec: -27 47 55.13 (-27.79865d) Equinox: J2000 Comments: Actual pointing coordinates will be determined based on the locations of high-priority targets identified in the Epoch-1 images. Category=Unidentified Description=[Blank field]		
	(5)	NIRCam-Epoch-3a	RA: 03 32 43.4634 (53.1810975d) Dec: -27 46 25.23 (-27.77368d) Equinox: J2000 Comments: Actual pointing coordinates will be determined based on the locations of high-priority targets identified in the Epoch-1/2 images. Category=Unidentified Description=[Blank field]		
	(6)	NIRCam-Epoch-3b	RA: 03 32 37.0979 (53.1545746d) Dec: -27 48 30.77 (-27.80855d) Equinox: J2000 Comments: Actual pointing coordinates will be determined based on the locations of high-priority targets identified in the Epoch-1/2 images. Category=Unidentified Description=[Blank field]		
	(7)	msa_catalog_sample	RA: 03 32 35.3630 (53.1473458d) Dec: -27 48 34.47 (-27.80957d) Equinox: J2000 Comments: Description=[]		
	(8)	MPT_input	RA: 03 32 39.2532 (53.1635550d) Dec: -27 46 40.44 (-27.77790d) Equinox: J2000 Comments: Description=[]		

Proposal 12577 - Targets - JWST Multi-Cycle Deep Transient Survey in GOODS-S

(10)	MPT_input_v3	RA: 03 32 39.2477 (53.1635321d) Dec: -27 46 35.37 (-27.77649d) Equinox: J2000
<i>Comments: Stellerity only approximative</i> <i>Description=[]</i>		
(11)	MPT_input_P2_v0.1	RA: 03 32 42.2938 (53.1762242d) Dec: -27 47 9.91 (-27.78609d) Equinox: J2000
<i>Comments:</i> <i>Description=[]</i>		

Proposal 12577 - Observation 1 - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Observation	Proposal 12577, Observation 1: Ep1-Pt1										Fri Sep 18 18:01:23 GMT 2026
	Diagnostic Status: Warning										
Observing Template: NIRCam Imaging											
Diagnostics	(Ep1-Pt1 (Obs 1)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.										
	(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
	(Ep1-Pt1 (Obs 1)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
	(Visit 1:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(1)	NIRCam-Epoch-1a	RA: 03 32 43.5118 (53.1812992d) Dec: -27 47 33.06 (-27.79252d) Equinox: J2000								
Comments: Category=Unidentified Description=[Blank field]											
Template	Module		Subarray				Target Placement				
	ALL		FULL				Module gap (large extended source)				
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions	
	1	NONE				STANDARD				3	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID	
	1	F200W	F277W	DEEP8	7	1	3	3	4122.92		
	2	F115W	F444W	DEEP8	7	1	3	3	4122.92		
	3	F150W	F356W	DEEP8	7	1	3	3	4122.92		
Special Requirements	Aperture PA Range 294.92542306 to 304.92542306 Degrees (V3 295.0 to 305.0)										
	Group Observations 1, 2, Non-interruptible Same Aperture PA 1, 2										

Proposal 12577 - Observation 2 - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Observation	Proposal 12577, Observation 2: Ep1-Pt2										Fri Sep 18 18:01:23 GMT 2026
	Diagnostic Status: Warning										
	Observing Template: NIRCam Imaging										
Diagnostics	(Ep1-Pt2 (Obs 2)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.										
	(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
	(Ep1-Pt2 (Obs 2)) Informational (Form): The Visit Planner and Spike may produce different schedulability results.										
	(Visit 2:1) Informational (Form): Visit schedulable, but most scheduling windows are when JWST is pointed in direction of greatest micrometeoroid impact risk. This is likely due to scheduling special requirements.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(2)	NIRCam-Epoch-1b	RA: 03 32 34.9552 (53.1456467d) Dec: -27 46 30.75 (-27.77521d) Equinox: J2000								
	Comments: Category=Unidentified Description=[Blank field]										
Template	Module		Subarray				Target Placement				
	ALL		FULL				Module gap (large extended source)				
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions	
	1	NONE				STANDARD				3	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID	
	1	F200W	F277W	DEEP8	7	1	3	3	4122.92		
	2	F115W	F444W	DEEP8	7	1	3	3	4122.92		
	3	F150W	F356W	DEEP8	7	1	3	3	4122.92		
Special Requirements	3 After 2 by 40 Days to 50 Days Group Observations 1, 2, Non-interruptible Same Aperture PA 1, 2										

Proposal 12577 - Observation 3 - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Observation	Proposal 12577, Observation 3: Ep2-Pt1										Fri Sep 18 18:01:23 GMT 2026
	Diagnostic Status: Warning										
Observing Template: NIRCam Imaging											
Diagnostics	(Ep2-Pt1 (Obs 3)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.										
	(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(3)	NIRCam-Epoch-2a	RA: 03 32 42.7666 (53.1781942d)								
			Dec: -27 45 30.91 (-27.75859d)								
			Equinox: J2000								
	Comments: Actual pointing coordinates will be determined based on the locations of high-priority targets identified in the Epoch-1 images.										
	Category=Unidentified										
	Description=[Blank field]										
Template	Module			Subarray			Target Placement				
	ALL			FULL			Module gap (large extended source)				
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions	
	1	NONE				STANDARD				3	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID	
	1	F200W	F277W	DEEP8	7	1	3	3	4122.92		
	2	F150W	F356W	DEEP8	7	1	3	3	4122.92		
Special Requirements	Aperture PA Range 354.92542306 to 354.92542306 Degrees (V3 355.0 to 355.0)										
	3 After 2 by 40 Days to 50 Days										
	Group Observations 3, 4, Non-interruptible										

Proposal 12577 - Observation 4 - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Observation	Proposal 12577, Observation 4: Ep2-Pt2										Fri Sep 18 18:01:23 GMT 2026
	Diagnostic Status: Warning										
Observing Template: NIRCam Imaging											
Diagnostics	(Ep2-Pt2 (Obs 4)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.										
	(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous	
	(4)	NIRCam-Epoch-2b	RA: 03 32 40.1787 (53.1674113d) Dec: -27 47 55.13 (-27.79865d) Equinox: J2000								
	Comments: Actual pointing coordinates will be determined based on the locations of high-priority targets identified in the Epoch-1 images.										
	Category=Unidentified Description=[Blank field]										
Template	Module		Subarray					Target Placement			
	ALL		FULL					Module gap (large extended source)			
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions	
	1	NONE				STANDARD				3	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID	
	1	F200W	F277W	DEEP8	7	1	3	3	4122.92		
	2	F150W	F356W	DEEP8	7	1	3	3	4122.92		
Special Requirements	Aperture PA Range 354.92542306 to 354.92542306 Degrees (V3 355.0 to 355.0)										
	5 After 4 by 40 Days to 50 Days Group Observations 3, 4, Non-interruptible										

Proposal 12577 - Observation 5 - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Observation	Proposal 12577, Observation 5: Ep3-Pt1										Fri Sep 18 18:01:23 GMT 2026
	Diagnostic Status: Warning										
Observing Template: NIRCam Imaging											
Diagnostics	(Ep3-Pt1 (Obs 5)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.										
	(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous	
	(5)	NIRCam-Epoch-3a	RA: 03 32 43.4634 (53.1810975d) Dec: -27 46 25.23 (-27.77368d) Equinox: J2000								
Comments: Actual pointing coordinates will be determined based on the locations of high-priority targets identified in the Epoch-1/2 images. Category=Unidentified Description=[Blank field]											
Template	Module		Subarray					Target Placement			
	ALL		FULL					Module gap (large extended source)			
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions	
	1	NONE				STANDARD				3	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID	
	1	F200W	F277W	DEEP8	7	1	3	3	4122.92		
	2	F150W	F356W	DEEP8	7	1	3	3	4122.92		
Special Requirements	Aperture PA Range 44.92542306 to 44.92542306 Degrees (V3 45.0 to 45.0)										
	5 After 4 by 40 Days to 50 Days Group Observations 5, 6, Non-interruptible										

Proposal 12577 - Observation 6 - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Observation	Proposal 12577, Observation 6: Ep3-Pt2										Fri Sep 18 18:01:23 GMT 2026
	Diagnostic Status: Warning										
	Observing Template: NIRCam Imaging										
Diagnostics	(Ep3-Pt2 (Obs 6)) Warning (Form): By selecting Target Placement = Module Gap the target coordinates will not fall on any detector unless an appropriate Mosaic, set of Dithers or Offset Special Requirement is specified.										
	(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous	
	(6)	NIRCam-Epoch-3b	RA: 03 32 37.0979 (53.1545746d)								
			Dec: -27 48 30.77 (-27.80855d)								
			Equinox: J2000								
			Comments: Actual pointing coordinates will be determined based on the locations of high-priority targets identified in the Epoch-1/2 images.								
Template	Category=Unidentified										
	Description=[Blank field]										
Template	Module		Subarray				Target Placement				
	ALL		FULL				Module gap (large extended source)				
Dithers	#	Primary Dither Type		Primary Dithers		Subpixel Dither Type		Dither Size		Subpixel Positions	
	1	NONE				STANDARD				3	
Spectral Elements	#	Short Filter	Long Filter	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Dithers	Total Exposure Time	Optional ETC ID	
	1	F200W	F277W	DEEP8	7	1	3	3	4122.92		
	2	F150W	F356W	DEEP8	7	1	3	3	4122.92		
Special Requirements	Aperture PA Range 44.92542306 to 44.92542306 Degrees (V3 45.0 to 45.0)										
	Group Observations 5, 6, Non-interruptible										

Proposal 12577 - Observation 9 - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Observation	Proposal 12577, Observation 9: P1V3											Fri Sep 18 18:01:23 GMT 2026
	Diagnostic Status: Warning											
	Observing Template: NIRSpec MultiObject Spectroscopy											
Diagnostics	(P1V3 (Obs 9)) Warning (Form): Config c1 (#1) has 1 filler slit traces affected by failed open shutters.											
	(P1V3 (Obs 9)) Warning (Form): Config c1 (#1) has 1 filler slits affected by failed closed shutters.											
	(P1V3 (Obs 9)) Warning (Form): Config c1 (#1) has 4 master background shutters affected by failed open or closed shutters.											
	(P1V3 (Obs 9)) Warning (Form): Config c2 (#2) has 1 filler slit traces affected by failed open shutters.											
	(P1V3 (Obs 9)) Warning (Form): Config c2 (#2) has 6 filler slits affected by failed closed shutters.											
	(P1V3 (Obs 9)) Warning (Form): Config c3 (#3) has 1 filler slit traces affected by failed open shutters.											
	(P1V3 (Obs 9)) Warning (Form): Config c3 (#3) has 1 master background shutters affected by failed open or closed shutters.											
	(P1V3 (Obs 9)) Warning (Form): Config c3 (#3) has 3 filler slits affected by failed closed shutters.											
Fixed Targets	(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.											
	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous			
	(10)	MPT_input_v3	RA: 03 32 39.2477 (53.1635321d) Dec: -27 46 35.37 (-27.77649d) Equinox: J2000									
	Comments: Stellarity only approximative Description=[]											
Acquisition	#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID	
	1	Filter: CLEAR; Readout: NRSRAPIDD6; 8 sources in 3 quads; [Optimal TA Accuracy]	SAME	CLEAR	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153		
Template	TA Method	HFF Readout Mode		Obtain Confirmation Images	Science Aperture	Primary Candidate List		Filler Candidate List		Spectral Overlap Map	Spectral Overlap Threshold	
	MSATA	false		No	MSA Center	Primary (90 sources)		Filler (13944 sources)		jwst-nirspec-prism	1.5	
Reference Stars	Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude		
	1	150988	53.154640	-27.747564	25.60	1	153739	53.188980	-27.740920	23.77		
	1	151594	53.198227	-27.746090	25.40	1	207772	53.211437	-27.780758	25.05		
	1	153508	53.153280	-27.741627	24.66	1	209045	53.190243	-27.776764	25.19		
	1	153704	53.146133	-27.741083	24.11	1	217955	53.164734	-27.743668	25.44		

Proposal 12577 - Observation 9 - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Spectral Elements	#	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
	1	1 (PRISM/CLEAR)	c1	3 Shutter Slitlet	53.179170833333 33 Degrees - 27.764838888888 903 Degrees	178.56732028395 66			3	6	8403.201
	2	1 (PRISM/CLEAR)	c2	3 Shutter Slitlet	53.178919 Degrees - 27.764844444444 464 Degrees	178.56743724398 248			3	6	8403.201
	3	1 (PRISM/CLEAR)	c3	3 Shutter Slitlet	53.179422666666 67 Degrees - 27.764833333333 343 Degrees	178.56720332438 317			3	6	8403.201
Special Requirements	Aperture PA Range 178.5745697 to 178.5745697 Degrees (V3 40.0 to 40.0)										
	Target Of Opportunity Response Time 14 Days to 42 Days MSA Planned Aperture PA 178.5746 to 178.5746 Degrees (V3 40.0000303 to 40.0000303)										

Proposal 12577 - Observation 10 - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Observation	Proposal 12577, Observation 10: P2V1.0											Fri Sep 18 18:01:23 GMT 2026	
	Diagnostic Status: Warning												
	Observing Template: NIRSpect MultiObject Spectroscopy												
Diagnostics	(P2V1.0 (Obs 10)) Warning (Form): Config c1 (#1) has 2 filler slits affected by failed closed shutters.												
	(P2V1.0 (Obs 10)) Warning (Form): Config c1 (#1) has 2 master background shutters affected by failed open or closed shutters.												
	(P2V1.0 (Obs 10)) Warning (Form): Config c2 (#2) has 1 filler slits affected by failed closed shutters.												
	(P2V1.0 (Obs 10)) Warning (Form): Config c2 (#2) has 6 master background shutters affected by failed open or closed shutters.												
	(P2V1.0 (Obs 10)) Warning (Form): Config c3 (#3) has 10 master background shutters affected by failed open or closed shutters.												
	(P2V1.0 (Obs 10)) Warning (Form): Config c3 (#3) has 5 filler slits affected by failed closed shutters.												
Fixed Targets	(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.												
	#	Name	Target Coordinates				Targ. Coord. Corrections			Miscellaneous			
	(11)	MPT_input_P2_v0.1	RA: 03 32 42.2938 (53.1762242d) Dec: -27 47 9.91 (-27.78609d) Equinox: J2000										
Acquisition	Comments: Description=[]												
	#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	Optional ETC ID		
	1	Filter: CLEAR; Readout: NRSRAPIDD6; 8 sources in 3 quads; [Optimal TA Accuracy]	SAME	CLEAR	Auto Acq MSA Config	NRSRAPIDD6	3	1	4	687.153			
Template	TA Method		HFF Readout Mode		Obtain Confirmation Images	Science Aperture		Primary Candidate List		Filler Candidate List		Spectral Overlap Map	Spectral Overlap Threshold
	MSATA		false		No	MSA Center		Primary (52 sources)		Fillers (8320 sources)		jwst-nirspec-prism	1.5
Reference Stars	Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude			
	1	141936	53.154278	-27.761415	25.19	1	212164	53.197758	-27.767834	23.81			
	1	201125	53.166737	-27.804260	25.40	1	212218	53.175600	-27.767635	25.34			
	1	202806	53.172276	-27.798430	25.06	1	213181	53.174490	-27.764482	24.63			
	1	206609	53.198452	-27.784958	23.76	1	214796	53.166730	-27.757550	25.38			

Proposal 12577 - Observation 10 - JWST Multi-Cycle Deep Transient Survey in GOODS-S

Spectral Elements	#	Exposure Specification	MSA Configuration	Nod Pattern	Pointing	Aperture PA	Dispersion Offset (Shutters)	Cross-Dispersion Offset (Shutters)	Total Dithers	Total Integrations	Total Exposure Time
	1	1 (PRISM/CLEAR)	c1	3 Shutter Slitlet	53.18110625 Degrees - 27.788458333333 324 Degrees	191.76773334431 357			3	6	8403.201
	2	1 (PRISM/CLEAR)	c2	3 Shutter Slitlet	53.180941833333 33 Degrees - 27.788428055555 528 Degrees	191.76780975776 052			3	6	8403.201
	3	1 (PRISM/CLEAR)	c3	3 Shutter Slitlet	53.181599500000 004 Degrees - 27.788549444444 47 Degrees	191.76750410510 755			3	6	8403.201
Special Requirements	Aperture PA Range 191.7699997 to 191.7699997 Degrees (V3 53.19543 to 53.19543) [MSA Selected]										
	Target Of Opportunity Response Time 14 Days to 42 Days MSA Planned Aperture PA 191.7700 to 191.7700 Degrees (V3 53.1954303 to 53.1954303)										