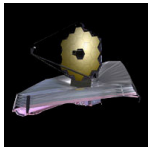

7076 - A comprehensive population study of Little Red Dots: Connecting early BH and galaxy growth

Cycle: 4, Proposal Category: GO

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OBSERVATIONS

Folder	***Observation***	***Label***	***Observing Template***	***Science Target***
COSMOS				
	1	cos_p1	NIRSpec MultiObject Spectroscopy	(17) ember_obs1_msa
	2	cos_p2	NIRSpec MultiObject Spectroscopy	(37) ember_obs2_msa
	3	cos_p3	NIRSpec MultiObject Spectroscopy	(15) ember_obs3_msa
	4	cos_p4	NIRSpec MultiObject Spectroscopy	(21) ember_obs4_msa
	5	cos_p5	NIRSpec MultiObject Spectroscopy	(18) ember_obs5_msa
	6	cos_p6	NIRSpec MultiObject Spectroscopy	(41) ember_obs6_msa
	7	cos_p7	NIRSpec MultiObject Spectroscopy	(36) ember_obs7_msa
	8	cos_p8	NIRSpec MultiObject Spectroscopy	(35) ember_obs8_msa
	9	cos_p9	NIRSpec MultiObject Spectroscopy	(40) ember_obs9_msa
	10	cos_p10	NIRSpec MultiObject Spectroscopy	(26) ember_obs10_msa
	11	cos_p11	NIRSpec MultiObject Spectroscopy	(39) ember_obs11_msa
	12	cos_p12	NIRSpec MultiObject Spectroscopy	(20) ember_obs12_msa
	13	cos_p13	NIRSpec MultiObject Spectroscopy	(19) ember_obs13_msa
	14	cos_p14	NIRSpec MultiObject Spectroscopy	(16) ember_obs14_msa
	15	cos_p15	NIRSpec MultiObject Spectroscopy	(38) ember_obs15_msa
UDS				
	16	uds_p1p	NIRSpec MultiObject Spectroscopy	(10) ember_obs16_uds_p1_msa
	17	uds_p2	NIRSpec MultiObject Spectroscopy	(42) ember_obs17_uds_p2_msa
	18	uds_p3	NIRSpec MultiObject Spectroscopy	(22) ember_obs18_uds_p3_msa

Folder	*Observation*	*Label*	*Observing Template*	*Science Target*
	19	uds_p4p	NIRSpec MultiObject Spectroscopy	(11) ember_obs19_uds_p4_msa
EGS				
	20	egs_p1	NIRSpec MultiObject Spectroscopy	(23) ember_obs20_egs_p1_msa
GDS				
	23	gds_p1p	NIRSpec MultiObject Spectroscopy	(12) ember_obs23_gds_p1_msa
	24	obs24_p1_v1	NIRSpec MultiObject Spectroscopy	(12) ember_obs23_gds_p1_msa

ABSTRACT

JWST has revealed a previously unknown population of dust-reddened active galactic nuclei (AGN) in the early universe, raising questions about the abundance of supermassive black holes in the epoch of reionization and the typical growth mechanisms and seed populations. These "little red dots" may represent a transition phase from obscured, rapidly accreting BH seeds to unobscured, blue quasars, but the properties of the AGN and their host galaxies remain unclear. LRDs generally do not exhibit common AGN signatures, and some may be dominated by host galaxy emission. We propose an efficient and comprehensive NIRSpec follow-up program targeting LRDs, obtaining uniform PRISM+G395M spectroscopy for ~100 of the brightest and highest-redshift LRDs discovered by JWST, particularly those with MIRI coverage at >10 micron. With these data we will be able to disentangle the heterogeneous LRD population and:

1) Search for outflows and high-ionization lines to determine the nature of LRD obscuration

2) Measure black hole and stellar masses and examine implications for LCDM and BH seeding scenarios

3) Measure number densities of LRDs with secure redshifts, and bolometric luminosities over a large volume

The proposed data will facilitate comprehensive analysis of the LRDs as a population, cross-correlating various observables to test key predictions from different interpretations, providing valuable insight into their role in early galaxy/SMBH growth.

OBSERVING DESCRIPTION

The goal of this program is to obtain uniform spectroscopy of a large sample of LRDs at z~4-9. We will do so using NIRSpec in MOS mode with the PRISM/CLEAR and G395M/F290LP gratings. The PRISM covers a wavelength range from 0.6-5.3 micron at a resolution of R~100, allowing detection of faint lines and continuum features. G395M covers a wavelength range from 2.87-5.10 micron at a resolution of R~1000, allowing detections of broad Ha/Hb lines across a wide redshift range. We draw our targets from a parent sample of LRDs constructed from the union of published photometric samples across COSMOS, UDS, EGS, and GOODS-S, and assign target priority based on the colors/magnitudes/redshifts, prioritizing the brightest, reddest, and highest-redshift sources. The proposed MSA configurations yield a total of 175 LRD targets on slits, including 100 highest priority targets, with an average of ~8 per mask. We will also obtain spectra for ~4000 filler targets, which will be selected from samples

of high-redshift galaxies/AGN to maximize the legacy value of the program.

For the PRISM we will observe with 24 groups of 1 integration with 3 nod in slit exposures and a NRSIRS2readout pattern, resulting in a total exposure time of 1.5 hr per pointing. We expect to detect continuum down to 27.4 AB mag (5sigma) and faint lines down to ~1e-18 erg/s/cm2/A (3sigma) with the PRISM. For G395M we use 15 groups of 1 integrations with 3 nod in slit exposures, for an exposure time of 55mins, which we expect to allow detection of broad Ha/Hb down to MBH~3e6 Msun.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	msa_cat_uds_thin_v1	RA: 02 17 29.6568 (34.3735700d) Dec: -05 11 25.64 (-5.19046d) Equinox: J2000		
Comments: *Description=[]*				
(8)	msa_cat_cos_thin_v1	RA: 10 00 28.7255 (150.1196896d) Dec: +02 15 0.49 (2.25014d) Equinox: J2000		
Comments: *Description=[]*				
(10)	ember_obs16_uds_p1_msa	RA: 02 17 18.7373 (34.3280721d) Dec: -05 11 6.12 (-5.18503d) Equinox: J2000		
Comments: *Description=[]*				
(11)	ember_obs19_uds_p4_msa	RA: 02 17 46.7341 (34.4447254d) Dec: -05 07 28.02 (-5.12445d) Equinox: J2000		
Comments: *Description=[]*				
(12)	ember_obs23_gds_p1_msa	RA: 03 32 35.8116 (53.1492150d) Dec: -27 47 19.09 (-27.78864d) Equinox: J2000		
Comments: *Description=[]*				
(15)	ember_obs3_msa	RA: 09 59 44.7018 (149.9362575d) Dec: +02 22 58.89 (2.38302d) Equinox: J2000		
Comments: *Description=[]*				
(16)	ember_obs14_msa	RA: 09 59 23.5992 (149.8483300d) Dec: +02 09 15.37 (2.15427d) Equinox: J2000		
Comments: *Description=[]*				
(17)	ember_obs1_msa	RA: 10 00 16.3254 (150.0680225d) Dec: +02 25 36.07 (2.42669d) Equinox: J2000		
Comments: *Description=[]*				
(18)	ember_obs5_msa	RA: 09 59 34.2148 (149.8925617d) Dec: +02 17 23.92 (2.28998d) Equinox: J2000		
Comments: *Description=[]*				

(19)	ember_obs13_msa	RA: 10 00 42.5419 (150.1772579d) Dec: +02 05 14.20 (2.08728d) Equinox: J2000
Comments: *Description=[]*		
(20)	ember_obs12_msa	RA: 10 01 6.2110 (150.2758792d) Dec: +02 11 51.73 (2.19770d) Equinox: J2000
Comments: *Description=[]*		
(21)	ember_obs4_msa	RA: 10 00 11.7695 (150.0490396d) Dec: +02 13 13.29 (2.22036d) Equinox: J2000
Comments: *Description=[]*		
(22)	ember_obs18_uds_p3_msa	RA: 02 17 34.4938 (34.3937242d) Dec: -05 16 35.28 (-5.27647d) Equinox: J2000
Comments: *Description=[]*		
(23)	ember_obs20_egs_p1_msa	RA: 14 19 43.2538 (214.9302242d) Dec: +52 52 28.56 (52.87460d) Equinox: J2000
Comments: *Description=[]*		
(26)	ember_obs10_msa	RA: 10 01 16.6437 (150.3193488d) Dec: +02 15 22.60 (2.25628d) Equinox: J2000
Comments: *Description=[]*		
(35)	ember_obs8_msa	RA: 10 01 13.4268 (150.3059450d) Dec: +02 02 59.16 (2.04977d) Equinox: J2000
Comments: *Description=[]*		
(36)	ember_obs7_msa	RA: 10 01 7.1921 (150.2799671d) Dec: +02 25 48.51 (2.43014d) Equinox: J2000
Comments: *Description=[]*		
(37)	ember_obs2_msa	RA: 10 01 32.5193 (150.3854971d) Dec: +02 19 13.27 (2.32035d) Equinox: J2000
Comments: *Description=[]*		

	(38)	ember_obs15_msa	RA: 10 01 29.7585 (150.3739938d) Dec: +02 06 35.87 (2.10996d) Equinox: J2000
	Comments: *Description=[]*		
	(39)	ember_obs11_msa	RA: 09 59 58.7721 (149.9948837d) Dec: +02 07 28.11 (2.12447d) Equinox: J2000
	Comments: *Description=[]*		
	(40)	ember_obs9_msa	RA: 09 59 47.9626 (149.9498442d) Dec: +02 28 39.44 (2.47762d) Equinox: J2000
	Comments: *Description=[]*		
	(41)	ember_obs6_msa	RA: 10 00 7.1571 (150.0298212d) Dec: +02 21 12.96 (2.35360d) Equinox: J2000
	Comments: *Description=[]*		
	(42)	ember_obs17_uds_p2_msa	RA: 02 17 27.6587 (34.3652446d) Dec: -05 13 7.88 (-5.21886d) Equinox: J2000
	Comments: *Description=[]*		

Observation

Proposal 7076, Observation 1: cos_p1

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p1 (Obs 1)) Warning (Form): Config c1 : cos_p1g_100425_v4 (#2) has 1 primary slits affected by failed closed shutters.

(cos_p1 (Obs 1)) Warning (Form): Config c1 : cos_p1g_100425_v4 (#2) has 3 filler slits affected by failed closed shutters.

(cos_p1 (Obs 1)) Warning (Form): Config c1 : cos_p1p_100425_v2 (#1) has 1 filler slits affected by failed closed shutters.

(cos_p1 (Obs 1)) Warning (Form): Config c1 : cos_p1p_100425_v2 (#1) has 2 primary slits affected by failed closed shutters.

(Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(17)	ember_obs1_msa	RA: 10 00 16.3254 (150.0680225d) Dec: +02 25 36.07 (2.42669d) Equinox: J2000		

Comments:
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: F140X; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	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	obs1 priority (5720 sources)	obs1 filler grating (16181 sources)	jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	629638	150.087424	2.431349	24.801626099273744	1	633927	150.064640	2.461167	22.412923418020934
1	631070	150.069874	2.445697	23.896171487418478	1	879391	150.041895	2.441344	23.382929480687174
1	632432	150.063631	2.454655	24.18182622369756	1	885134	150.081320	2.424173	23.761809372229997
1	632762	150.071204	2.453524	24.93674421700769	1	921051	150.055811	2.405219	23.12494550015614

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 : cos_p1p_100425_v2	3 Shutter Slitlet	150.06195416666665 Degrees 2.4295958333333334 Degrees	72.99976290947544			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p1g_100425_v4	3 Shutter Slitlet	150.06195416666665 Degrees 2.4295958333333334 Degrees	72.99976290947544			3	3	3326.267

Special Requirements	
	Aperture PA Range 73 to 77 Degrees (V3 294.4254303 to 298.4254303) MSA Scheduled Aperture PA 73.0000 to 73.0000 Degrees (V3 294.42545 to 294.42545)

Observation

Proposal 7076, Observation 2: cos_p2

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p2 (Obs 2)) Warning (Form): Config c1 : cos_p2g_022326_v1 (#2) has 3 primary slits affected by failed closed shutters.

(cos_p2 (Obs 2)) Warning (Form): Config c1 : cos_p2p_022326_v1 (#1) has 2 primary slits affected by failed closed shutters.

(Visit 2:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 2:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(37)	ember_obs2_msa	RA: 10 01 32.5193 (150.3854971d) Dec: +02 19 13.27 (2.32035d) Equinox: J2000		

Comments:
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: NRSRAPID; 7 sources in 4 quads; [Optimal TA Accuracy]	SAME	CLEAR	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	

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	obs2 g395m (15392 sources)		jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	746769	150.388551	2.347510	21.953508135690008	1	1079458	150.358456	2.312062	21.574171837366226
1	784431	150.406689	2.319596	21.835806153733653	1	1079558	150.381361	2.304532	22.76141148276148
1	788483	150.416700	2.311882	22.7529772989703	1	1079696	150.388005	2.303123	21.39353749652183
1	1042858	150.402524	2.312585	23.6307751418763					

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 : cos_p2p_022326_v1	3 Shutter Slitlet	150.3882754166667 Degrees 2.3186972222222 Degrees	236.00011484282842			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p2g_022326_v1	3 Shutter Slitlet	150.3882754166667 Degrees 2.3186972222222 Degrees	236.00011484282842			3	3	3326.267

Special Requirements	
	Aperture PA Range 232 to 236 Degrees (V3 93.4254303 to 97.4254303) MSA Scheduled Aperture PA 236.0000 to 236.0000 Degrees (V3 97.42543 to 97.42543)

Observation

Proposal 7076, Observation 3: cos_p3

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(15)	ember_obs3_msa	RA: 09 59 44.7018 (149.9362575d) Dec: +02 22 58.89 (2.38302d) Equinox: J2000		

Comments:
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: F140X; Readout: NRSRAPID; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	

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	obs3 all priority (6206 sources)	obs3 filler (16883 sources)	jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	838860	149.928807	2.359475	22.267092192279215	1	844381	149.949159	2.386111	22.47103915297402
1	841567	149.922423	2.378055	21.799188978408274	1	846755	149.945774	2.402187	21.418586241802934
1	843810	149.911419	2.396201	22.915067417574928	1	847639	149.939225	2.410468	22.083278872877
1	844207	149.927132	2.392902	22.22493377906895	1	848484	149.937348	2.416448	21.626146500453792

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 : cos_p3p_092825_v6	3 Shutter Slitlet	149.93459708333333 Degrees 2.3890944444444444 Degrees	77.99996003198868			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p3g_092825_v6	3 Shutter Slitlet	149.93459787499998 Degrees 2.3890975 Degrees	77.999960071387 8			3	3	3326.267

Special Requirements	
	Aperture PA Range 78 to 82 Degrees (V3 299.4254303 to 303.4254303) MSA Scheduled Aperture PA 78.0000 to 78.0000 Degrees (V3 299.42545 to 299.42545)

Observation

Proposal 7076, Observation 4: cos_p4

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p4 (Obs 4)) Warning (Form): Config c1 : cos_p4g_110325_v5 (#2) has 1 filler slits affected by failed closed shutters.

(cos_p4 (Obs 4)) Warning (Form): Config c1 : cos_p4g_110325_v5 (#2) has 1 primary slits affected by failed closed shutters.

(cos_p4 (Obs 4)) Warning (Form): Config c1 : cos_p4p_110325_v5 (#1) has 1 primary slits affected by failed closed shutters.

(Visit 4:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(21)	ember_obs4_msa	RA: 10 00 11.7695 (150.0490396d) Dec: +02 13 13.29 (2.22036d) Equinox: J2000		

Comments:
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: NRSRAPID; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	CLEAR	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	

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	obs4 g395m priority (4536 sources)	obs4 g395m filler (12564 sources)	jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	128950	150.041664	2.206055	21.47158967526861 4	1	889836	150.049052	2.248595	22.5936657383229
1	159291	150.061791	2.213653	22.28139426540610 7	1	890313	150.054244	2.249099	22.01361474718318
1	161989	150.062603	2.211127	22.12877787459995	1	890643	150.066047	2.246152	21.95790583951284 3
1	878098	150.035849	2.234331	21.32248678417925	1	961358	150.069193	2.231305	22.39784989017185 5

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 : cos_p4p_110325_v5	3 Shutter Slitlet	150.04525712499 998 Degrees 2.21969 Degrees	80.999867737902 89			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p4g_110325_v5	3 Shutter Slitlet	150.04525712499 998 Degrees 2.21969 Degrees	80.999867737902 89			3	3	3326.267

Special Requirements	
	Aperture PA Range 81 to 85 Degrees (V3 302.4254303 to 306.4254303) MSA Scheduled Aperture PA 81.0000 to 81.0000 Degrees (V3 302.42545 to 302.42545)

Observation

Proposal 7076, Observation 5: cos_p5

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p5 (Obs 5)) Warning (Form): Config c1 : cos_p5g_100425_v3 (#2) has 1 filler slits affected by failed closed shutters.

(cos_p5 (Obs 5)) Warning (Form): Config c1 : cos_p5g_100425_v3 (#2) has 1 primary slits affected by failed closed shutters.

(cos_p5 (Obs 5)) Warning (Form): Config c1 : cos_p5p_100425_v2 (#1) has 1 filler slits affected by failed closed shutters.

(cos_p5 (Obs 5)) Warning (Form): Config c1 : cos_p5p_100425_v2 (#1) has 1 primary slits affected by failed closed shutters.

(Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(18)	ember_obs5_msa	RA: 09 59 34.2148 (149.8925617d) Dec: +02 17 23.92 (2.28998d) Equinox: J2000		

Comments:
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: F110W; Readout: NRSRAPIDD6; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F110W	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	obs5 priority (5567 sources)	obs5 grating filler (16480 sources)	jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	30751	149.888635	2.263587	23.317026396736015	1	821426	149.914618	2.279769	21.75274445882551
1	30777	149.869615	2.270610	22.459632100479034	1	827356	149.900428	2.300734	22.1094314729274
1	30972	149.883816	2.266431	22.947210615488306	1	828064	149.894432	2.307448	22.759167437118613
1	820992	149.862855	2.296175	21.935694399287534	1	828506	149.906265	2.305543	22.803693835519887

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 : cos_p5p_100425_v2	3 Shutter Slitlet	149.89019474999998 Degrees 2.2899599999999998 Degrees	75.99992281861421			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p5g_100425_v3	3 Shutter Slitlet	149.89019474999998 Degrees 2.2899599999999998 Degrees	75.99992281861421			3	3	3326.267

Special Requirements	
	Aperture PA Range 76 to 80 Degrees (V3 297.4254303 to 301.4254303) MSA Scheduled Aperture PA 76.0000 to 76.0000 Degrees (V3 297.42545 to 297.42545)

Observation

Proposal 7076, Observation 6: cos_p6

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p6 (Obs 6)) Warning (Form): Config c1 : cos_p6g_022426_v2 (#2) has 1 primary slits affected by failed closed shutters.

(cos_p6 (Obs 6)) Warning (Form): Config c1 : cos_p6p_022426_v2 (#1) has 1 primary slits affected by failed closed shutters.

(Visit 6:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 6:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(41)	ember_obs6_msa	RA: 10 00 7.1571 (150.0298212d) Dec: +02 21 12.96 (2.35360d) Equinox: J2000		

Comments:
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; 7 sources in 4 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	obs6 g395m (17061 sources)		jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	901171	150.018769	2.319785	24.88009844374585	1	908794	150.022568	2.356544	24.758059928978184
1	903888	150.037204	2.326360	25.402570699318776	1	911850	150.051720	2.360090	25.60496813125141
1	908251	150.005851	2.360180	24.173393148095492	1	915341	150.040911	2.381350	23.5803681948514
1	908478	150.058482	2.342076	25.436440920483143					

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 : cos_p6p_022426_v2	3 Shutter Slitlet	150.03004183333334 Degrees 2.3553947222222225 Degrees	240.0000050147993			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p6g_022426_v2	3 Shutter Slitlet	150.03004183333334 Degrees 2.3553947222222225 Degrees	240.0000050147993			3	3	3326.267

Special Requirements	
	Aperture PA Range 236 to 240 Degrees (V3 97.4254303 to 101.4254303) MSA Scheduled Aperture PA 240.0000 to 240.0000 Degrees (V3 101.42543 to 101.42543)

Observation

Proposal 7076, Observation 7: cos_p7

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p7 (Obs 7)) Warning (Form): Config c1 : cos_p7g_022326_v1 (#2) has 2 primary slits affected by failed closed shutters.

(cos_p7 (Obs 7)) Warning (Form): Config c1 : cos_p7p_022326_v1 (#1) has 1 primary slits affected by failed closed shutters.

(Visit 7:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(36)	ember_obs7_msa	RA: 10 01 7.1921 (150.2799671d) Dec: +02 25 48.51 (2.43014d) Equinox: J2000		

Comments:
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 4 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	obs7 g395m (14050 sources)		jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	702213	150.267307	2.409585	23.994610649453925	1	709344	150.282040	2.456912	25.00197134412204
1	705326	150.269162	2.430961	24.52201220843074	1	740443	150.282651	2.401113	24.979960787343686
1	706723	150.257073	2.445895	24.81571202603839	1	751555	150.308651	2.418996	24.217047086337953
1	708222	150.281330	2.448722	23.91101837451279	1	752484	150.304092	2.429231	24.580252352358176

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 : cos_p7p_022326_v1	3 Shutter Slitlet	150.28044083333336 Degrees 2.4311777777777777 Degrees	237.00001751160434			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p7g_022326_v1	3 Shutter Slitlet	150.28044083333336 Degrees 2.4311777777777777 Degrees	237.00001751160434			3	3	3326.267

Special Requirements	
	Aperture PA Range 233 to 237 Degrees (V3 94.4254303 to 98.4254303) MSA Scheduled Aperture PA 237.0000 to 237.0000 Degrees (V3 98.42543 to 98.42543)

Observation

Proposal 7076, Observation 8: cos_p8

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p8 (Obs 8)) Warning (Form): Config c1 : cos_p8g_022326_v1 (#2) has 3 primary slits affected by failed closed shutters.

(cos_p8 (Obs 8)) Warning (Form): Config c1 : cos_p8p_022326_v1 (#1) has 2 primary slits affected by failed closed shutters.

(Visit 8:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 8:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(35)	ember_obs8_msa	RA: 10 01 13.4268 (150.3059450d) Dec: +02 02 59.16 (2.04977d) Equinox: J2000		

Comments:
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; 7 sources in 4 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	obs8 g395m (13843 sources)		jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	248561	150.281873	2.042409	23.262987635905375	1	291090	150.305023	2.022706	24.633258565983827
1	252715	150.285198	2.066114	24.505261625864602	1	300001	150.314422	2.017908	23.944412726551917
1	288910	150.313802	2.071283	24.75585243792764	1	303252	150.333704	2.048272	23.480459018925032
1	291018	150.299317	2.015337	23.310167720274848					

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 : cos_p8p_022326_v1	3 Shutter Slitlet	150.3107435 Degrees 2.0482347222222 22 Degrees	235.000173357768			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p8g_022326_v1	3 Shutter Slitlet	150.3107435 Degrees 2.0482347222222 22 Degrees	235.000173357768			3	3	3326.267

Special Requirements	
	Aperture PA Range 231 to 235 Degrees (V3 92.4254303 to 96.4254303) MSA Scheduled Aperture PA 235.0000 to 235.0000 Degrees (V3 96.42543 to 96.42543)

Observation

Proposal 7076, Observation 9: cos_p9

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p9 (Obs 9)) Warning (Form): Config c1 : cos_p9g_022426_v1 (#2) has 2 primary slits affected by failed closed shutters.

(cos_p9 (Obs 9)) Warning (Form): Config c1 : cos_p9p_022426_v1 (#1) has 1 primary slits affected by failed closed shutters.

(Visit 9:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(40)	ember_obs9_msa	RA: 09 59 47.9626 (149.9498442d) Dec: +02 28 39.44 (2.47762d) Equinox: J2000		

Comments:
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	obs9 g395m (14054 sources)		jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	541651	149.967694	2.473451	23.678894196770194	1	543672	149.954496	2.492644	23.656915682429943
1	543114	149.972874	2.482364	24.30183676655752	1	822702	149.973478	2.468425	23.663314720713036
1	543179	149.977361	2.481207	23.37022700862899	1	822950	149.964429	2.473581	23.710220680965385
1	543665	149.946262	2.495560	23.638066512060448	1	853968	149.940273	2.454593	23.89494105743653

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 : cos_p9p_022426_v1	3 Shutter Slitlet	149.95120708333334 Degrees 2.476827777777778 Degrees	235.00005994255952			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p9g_022426_v1	3 Shutter Slitlet	149.95120708333334 Degrees 2.476827777777778 Degrees	235.00005994255952			3	3	3326.267

Special Requirements	
	Aperture PA Range 231 to 235 Degrees (V3 92.4254303 to 96.4254303) MSA Scheduled Aperture PA 235.0000 to 235.0000 Degrees (V3 96.42543 to 96.42543)

Observation

Proposal 7076, Observation 10: cos_p10

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p10 (Obs 10)) Warning (Form): Config c1 : cos_p10g_020926_v4 (#2) has 2 primary slits affected by failed closed shutters.

(cos_p10 (Obs 10)) Warning (Form): Config c1 : cos_p10p_020926_v4 (#1) has 1 primary slits affected by failed closed shutters.

(Visit 10:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(26)	ember_obs10_msa	RA: 10 01 16.6437 (150.3193488d) Dec: +02 15 22.60 (2.25628d) Equinox: J2000		

Comments:
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 4 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	obs10 g395m priority (3917 sources)		jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	1064768	150.307488	2.232001	25.46380142684015	1	1067242	150.290482	2.253738	24.592457777087947
1	1065173	150.305919	2.235351	24.060198379975457	1	1069734	150.334602	2.253454	24.251351125623607
1	1066068	150.321018	2.235606	24.507686983764412	1	1073724	150.313388	2.286223	23.97929928052377
1	1066919	150.315901	2.242703	25.356187876934058	1	1074702	150.326059	2.288459	25.697913555344382

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 : cos_p10p_020926_v4	3 Shutter Slitlet	150.31922016666667 Degrees 2.2565097222222223 Degrees	239.99999421889999			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p10g_020926_v4	3 Shutter Slitlet	150.31922016666667 Degrees 2.2565097222222223 Degrees	239.99999421889999			3	3	3326.267

Special Requirements	Aperture PA Range 236 to 240 Degrees (V3 97.4254303 to 101.4254303) MSA Scheduled Aperture PA 240.0000 to 240.0000 Degrees (V3 101.42543 to 101.42543)

Observation

Proposal 7076, Observation 11: cos_p11

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(Visit 11:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(39)	ember_obs11_msa	RA: 09 59 58.7721 (149.9948837d) Dec: +02 07 28.11 (2.12447d) Equinox: J2000		

Comments:
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	obs11 g395m (16131 sources)		jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	108189	149.992273	2.098293	23.344775891921405	1	114671	149.990405	2.138804	24.906520179451164
1	111643	149.969197	2.128433	25.047058035035565	1	114746	149.993031	2.138288	24.763134711100637
1	111813	149.971263	2.128877	25.027495901528344	1	115079	149.997936	2.139035	24.898914516645277
1	111879	149.973977	2.128322	23.70403329816147	1	117179	149.994059	2.153725	24.48724233956851

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 : cos_p11p_022426_v2	3 Shutter Slitlet	149.9928567083333 Degrees 2.1229844444444446 Degrees	236.9999282268889			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p11g_022426_v2	3 Shutter Slitlet	149.9928567083333 Degrees 2.1229844444444446 Degrees	236.9999282268889			3	3	3326.267

Special Requirements	
	Aperture PA Range 233 to 237 Degrees (V3 94.4254303 to 98.4254303) MSA Scheduled Aperture PA 237.0000 to 237.0000 Degrees (V3 98.42543 to 98.42543)

Observation

Proposal 7076, Observation 12: cos_p12

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p12 (Obs 12)) Warning (Form): Config c1 : cos_p12g_110325_v3 (#2) has 1 filler slits affected by failed closed shutters.

(Visit 12:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(20)	ember_obs12_msa	RA: 10 01 6.2110 (150.2758792d) Dec: +02 11 51.73 (2.19770d) Equinox: J2000		

Comments:
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 4 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	obs12 g395m priority (3760 sources)	obs12 g395m filler (10770 sources)	jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	1052952	150.263847	2.169563	24.232392991185876	1	1057031	150.292439	2.186404	23.84027297827886
1	1053161	150.266298	2.170020	24.354569551330663	1	1058059	150.258935	2.205582	25.688287167039746
1	1054295	150.252924	2.182139	25.6232992456247	1	1059893	150.290594	2.206217	24.76604333854043
1	1056936	150.301405	2.182387	23.929984556718328	1	1060310	150.287891	2.210662	25.27197733891199

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 : cos_p12p_110325_v3	3 Shutter Slitlet	150.27574800000002 Degrees 2.19761444444444 Degrees	82.00001436152561			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p12g_110325_v3	3 Shutter Slitlet	150.27574800000002 Degrees 2.19761444444444 Degrees	82.00001436152561			3	3	3326.267

Special Requirements	
	Aperture PA Range 82 to 84 Degrees (V3 303.4254303 to 305.4254303) MSA Scheduled Aperture PA 82.0000 to 82.0000 Degrees (V3 303.42545 to 303.42545)

Observation

Proposal 7076, Observation 13: cos_p13

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p13 (Obs 13)) Warning (Form): Config c1 : cos_p13g_110325_v1 (#2) has 1 filler slits affected by failed closed shutters.

(cos_p13 (Obs 13)) Warning (Form): Config c1 : cos_p13g_110325_v1 (#2) has 3 primary slits affected by failed closed shutters.

(cos_p13 (Obs 13)) Warning (Form): Config c1 : cos_p13p_110325_v3 (#1) has 1 filler slits affected by failed closed shutters.

(cos_p13 (Obs 13)) Warning (Form): Config c1 : cos_p13p_110325_v3 (#1) has 2 primary slits affected by failed closed shutters.

(Visit 13:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(19)	ember_obs13_msa	RA: 10 00 42.5419 (150.1772579d) Dec: +02 05 14.20 (2.08728d) Equinox: J2000		

Comments:
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 4 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	obs13 all priority (5797 sources)	obs13 all filler (16575 sources)	jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	179740	150.160984	2.095532	23.68350061010225	1	245600	150.167581	2.065987	25.328667496458586
1	180469	150.158514	2.100802	23.378595020198652	1	249089	150.204818	2.073409	25.044004857284516
1	182562	150.157863	2.109726	25.293419712657087	1	252405	150.199002	2.095568	25.35187287226984
1	232676	150.181837	2.115368	23.98879948358684	1	253471	150.189358	2.105416	24.81580428484351

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 : cos_p13p_110325_v3	3 Shutter Slitlet	150.17774104166665 Degrees 2.0879588888888889 Degrees	81.00003902441514			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p13g_110325_v1	3 Shutter Slitlet	150.177741 Degrees 2.0879588888888889 Degrees	81.00003902285121			3	3	3326.267

Special Requirements	
	Aperture PA Range 81 to 85 Degrees (V3 302.4254303 to 306.4254303) MSA Scheduled Aperture PA 81.0000 to 81.0000 Degrees (V3 302.42545 to 302.42545)

Observation

Proposal 7076, Observation 14: cos_p14

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p14 (Obs 14)) Warning (Form): Config c1 : cos_p14g_092925_v5 (#2) has 1 filler slits affected by failed closed shutters.

(cos_p14 (Obs 14)) Warning (Form): Config c1 : cos_p14g_092925_v5 (#2) has 1 primary slits affected by failed closed shutters.

(cos_p14 (Obs 14)) Warning (Form): Config c1 : cos_p14p_092925_v5 (#1) has 1 filler slits affected by failed closed shutters.

(cos_p14 (Obs 14)) Warning (Form): Config c1 : cos_p14p_092925_v5 (#1) has 1 primary slits affected by failed closed shutters.

(Visit 14:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 14:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(16)	ember_obs14_msa	RA: 09 59 23.5992 (149.8483300d) Dec: +02 09 15.37 (2.15427d) Equinox: J2000		

Comments:
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; 7 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	obs14 all priority (6378 sources)	obs14 filler (18665 sources)	jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	6774	149.857029	2.138772	25.521529897905495	1	11157	149.853003	2.164911	25.463223948514226
1	8256	149.827881	2.157609	25.437806242806875	1	11548	149.834424	2.173684	24.54850986768524
1	9860	149.874380	2.149531	23.504767932297515	1	13910	149.871429	2.171670	25.104463935846297
1	10654	149.854119	2.161669	25.562069581936015					

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 : cos_p14p_092925_v5	3 Shutter Slitlet	149.84686895833332 Degrees 2.1544611111111 11 Degrees	78.99996357316692			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p14g_092925_v5	3 Shutter Slitlet	149.84687279166664 Degrees 2.1544633333333 33 Degrees	78.99996372530642			3	3	3326.267

Special Requirements	
	Aperture PA Range 79 to 83 Degrees (V3 300.4254303 to 304.4254303) MSA Scheduled Aperture PA 79.0000 to 79.0000 Degrees (V3 300.42545 to 300.42545)

Observation

Proposal 7076, Observation 15: cos_p15

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(cos_p15 (Obs 15)) Warning (Form): Config c1 : cos_p15g_022426_v2 (#2) has 1 primary slits affected by failed closed shutters.

(cos_p15 (Obs 15)) Warning (Form): Config c1 : cos_p15p_022426_v2 (#1) has 1 primary slits affected by failed closed shutters.

(Visit 15:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(38)	ember_obs15_msa	RA: 10 01 29.7585 (150.3739938d) Dec: +02 06 35.87 (2.10996d) Equinox: J2000		

Comments:
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 4 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	ember_obs15_msa (12928 sources)		jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	307400	150.373504	2.078662	25.514445327072885	1	592842	150.397805	2.108732	25.296348755693142
1	308868	150.343872	2.104957	24.4548776402437	1	594083	150.384393	2.124065	24.69552635639648
1	309598	150.363980	2.105245	24.337836140623264	1	594780	150.377119	2.134084	23.660529206220758
1	310213	150.402510	2.098141	25.36708180171218	1	594817	150.376687	2.134530	24.578681978814334

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 : cos_p15p_022426_v2	3 Shutter Slitlet	150.37614154166667 Degrees 2.1077202777777777 Degrees	235.00008290207901			3	6	5339.534
2	2 (G395M/F290LP)	c1 : cos_p15g_022426_v2	3 Shutter Slitlet	150.37614154166667 Degrees 2.1077202777777777 Degrees	235.00008290207901			3	3	3326.267

Special Requirements	
	Aperture PA Range 231 to 235 Degrees (V3 92.4254303 to 96.4254303) MSA Scheduled Aperture PA 235.0000 to 235.0000 Degrees (V3 96.42543 to 96.42543)

Observation

Proposal 7076, Observation 16: uds_p1p

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(uds_p1p (Obs 16)) Warning (Form): Config c1 : uds_p1g_060625_v5 (#2) has 1 primary slit traces affected by failed open shutters.

(uds_p1p (Obs 16)) Warning (Form): Config c1 : uds_p1p_060625_v3 (#1) has 1 primary slit traces affected by failed open shutters.

(Visit 16:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(10)	ember_obs16_uds_p1_msa	RA: 02 17 18.7373 (34.3280721d) Dec: -05 11 6.12 (-5.18503d) Equinox: J2000		

Comments:
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 4 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	obs16_all_priority (9263 sources)	obs16_filler (11179 sources)	jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	18950	34.321896	-5.170228	24.298727846507035	1	23190	34.340091	-5.189229	25.398895697556213
1	20174	34.356726	-5.175229	25.541132156350145	1	26657	34.324396	-5.206777	25.606580395571
1	21820	34.294154	-5.182106	25.013678996431388	1	28296	34.327198	-5.216173	25.464765540130095
1	23083	34.288168	-5.188639	24.144731746138827	1	28685	34.321805	-5.218183	24.955407566858923

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 : uds_p1p_060625_v3	3 Shutter Slitlet	34.32426166666665 Degrees -5.185466666666684 Degrees	39.00036451342405			3	6	5339.534
2	2 (G395M/F290LP)	c1 : uds_p1g_060625_v5	3 Shutter Slitlet	34.32426166666665 Degrees -5.185466666666684 Degrees	39.00036451342405			3	3	3326.267

Special Requirements	
	Aperture PA Range 38 to 42 Degrees (V3 259.4254303 to 263.4254303) MSA Scheduled Aperture PA 39.0000 to 39.0000 Degrees (V3 260.42545 to 260.42545)

Observation

Proposal 7076, Observation 17: uds_p2

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(Visit 17:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(42)	ember_obs17_uds_p2_msa	RA: 02 17 27.6587 (34.3652446d) Dec: -05 13 7.88 (-5.21886d) Equinox: J2000		

Comments:
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 4 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	ember_obs17_uds_p2_msa (51764 sources)		jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	30740	34.379978	-5.176566	23.629584371539863	1	39449	34.364361	-5.210519	25.025654804054575
1	34069	34.372228	-5.188173	25.34888205233478	1	40927	34.349786	-5.216832	25.30869553502395
1	37022	34.400507	-5.200343	24.828618313051486	1	40973	34.355285	-5.217050	24.953559408423587
1	37715	34.412217	-5.203093	24.74333677987516	1	44286	34.379235	-5.228916	24.58963994071133

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	34.379556625 Degrees -5.203599722222236 Degrees	26.998716861637863			3	6	5339.534
2	2 (G395M/F290LP)	c1	3 Shutter Slitlet	34.379556625 Degrees -5.203599722222236 Degrees	26.998716861637863			3	3	3326.267

Special Requirements	
	Aperture PA Range 23 to 27 Degrees (V3 244.42543030000002 to 248.42543030000002) MSA Scheduled Aperture PA 27.0000 to 27.0000 Degrees (V3 248.42543 to 248.42543)

Observation

Proposal 7076, Observation 18: uds_p3

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(uds_p3 (Obs 18)) Warning (Form): Config c1 : uds_p3g_112025_v3 (#2) has 1 primary slits affected by failed closed shutters.

(uds_p3 (Obs 18)) Warning (Form): Config c1 : uds_p3p_112025_v3 (#1) has 1 filler slits affected by failed closed shutters.

(uds_p3 (Obs 18)) Warning (Form): Config c1 : uds_p3p_112025_v3 (#1) has 1 primary slits affected by failed closed shutters.

(Visit 18:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(22)	ember_obs18_uds_p3_msa	RA: 02 17 34.4938 (34.3937242d) Dec: -05 16 35.28 (-5.27647d) Equinox: J2000		

Comments:
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 4 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	obs18 all priority (7881 sources)	obs18 filler (12744 sources)	jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	1048	34.411368	-5.319918	24.33784828039314	1	4193	34.368807	-5.305878	24.51607666894741
1	2159	34.396601	-5.314850	24.78276269784958 4	1	55595	34.388902	-5.266300	24.20085379859613 5
1	2289	34.413581	-5.314341	24.2526955367641	1	60222	34.413936	-5.281512	23.77353026744145
1	2811	34.398349	-5.311879	24.24898509441836	1	61959	34.414498	-5.287851	24.54022064148385 6

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 : uds_p3p_112025_v3	3 Shutter Slitlet	34.396815833333335 Degrees -5.2893083333333 38 Degrees	209.99974222060766			3	6	5339.534
2	2 (G395M/F290LP)	c1 : uds_p3g_112025_v3	3 Shutter Slitlet	34.396815833333335 Degrees -5.2893083333333 38 Degrees	209.99974222060766			3	3	3326.267

Special Requirements	
	Aperture PA Range 209 to 214 Degrees (V3 70.4254303 to 75.4254303) MSA Scheduled Aperture PA 210.0000 to 210.0000 Degrees (V3 71.42543 to 71.42543)

Observation

Proposal 7076, Observation 19: uds_p4p

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(uds_p4p (Obs 19)) Warning (Form): Config c1 : uds_p4g_061725_v1 (#2) has 1 primary slit traces affected by failed open shutters.

(uds_p4p (Obs 19)) Warning (Form): Config c1 : uds_p4p_061725_v1 (#1) has 1 primary slit traces affected by failed open shutters.

(Visit 19:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 19:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(11)	ember_obs19_uds_p4_msa	RA: 02 17 46.7341 (34.4447254d) Dec: -05 07 28.02 (-5.12445d) Equinox: J2000		

Comments:
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; 7 sources in 4 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	obs19_all_priority (9029 sources)	obs19_filler (8329 sources)	jwst-nirspec-hr	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	947	34.442783	-5.087415	25.21137550244046	1	5772	34.436070	-5.112887	25.536359830284532
1	2883	34.446581	-5.099230	23.882087590281852	1	5863	34.437183	-5.113324	24.919998359700706
1	3608	34.428761	-5.103152	23.233464259191628	1	7858	34.461416	-5.123507	25.604130396432367
1	3644	34.462853	-5.103209	25.670946786060803					

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 : uds_p4p_061725_v1	3 Shutter Slitlet	34.45251833333333 Degrees -5.109947222222175 Degrees	31.999327715757207			3	6	5339.534
2	2 (G395M/F290LP)	c1 : uds_p4g_061725_v1	3 Shutter Slitlet	34.45251833333333 Degrees -5.109947222222175 Degrees	31.999327715757207			3	3	3326.267

Special Requirements	Aperture PA Range 28 to 32 Degrees (V3 249.42543030000002 to 253.42543030000002) MSA Scheduled Aperture PA 32.0000 to 32.0000 Degrees (V3 253.42543 to 253.42543)

Observation

Proposal 7076, Observation 20: egs_p1

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(Visit 20:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(23)	ember_obs20_egs_p1_msa	RA: 14 19 43.2538 (214.9302242d) Dec: +52 52 28.56 (52.87460d) Equinox: J2000		

Comments:
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: F140X; Readout: NRSRAPID; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	

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	obs20_primary (10201 sources)	obs20_filler (17749 sources)	jwst-nirspec-prism	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	14605	214.921215	52.887812	20.80406813640159	1	18807	214.912481	52.857014	21.53585510221741
1	16148	214.899696	52.863394	21.723804837219923	1	20664	214.970148	52.887768	21.5403843976468
1	17053	214.894708	52.854822	20.92307172943958	1	27311	214.957009	52.850118	21.701306850531992
1	18052	214.915867	52.863645	21.909244839971244	1	28073	214.966808	52.854193	21.54245790795064

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	214.93710383333334 Degrees 52.872273611111 11 Degrees	12.005476053579875			3	6	5339.534

Special Requirements	
	Aperture PA Range 8 to 12 Degrees (V3 229.4254303 to 233.42543030000002) MSA Scheduled Aperture PA 12.0000 to 12.0000 Degrees (V3 233.42543 to 233.42543)

Observation

Proposal 7076, Observation 23: gds_p1p

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(Visit 23:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

(Visit 23:1) Warning (Form): The recommended value is 8 Reference Stars for this template.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	ember_obs23_gds_p1_msa	RA: 03 32 35.8116 (53.1492150d) Dec: -27 47 19.09 (-27.78864d) Equinox: J2000		

Comments:
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: NRSRAPIDD1; 7 sources in 4 quads; [Optimal TA Accuracy]	SAME	CLEAR	Auto Acq MSA Config	NRSRAPIDD1	3	1	4	257.682	

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	obs23 all priority (4301 sources)	obs23 filler (14552 sources)	jwst-nirspec-prism	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	9014	53.130807	-27.767940	22.236325559578418	1	15617	53.172280	-27.798429	24.17102405696823
1	11733	53.170712	-27.782049	22.124317700862527	1	16177	53.156356	-27.799039	23.958968333523856
1	12081	53.123798	-27.783491	24.263228012266044	1	19099	53.163247	-27.809055	22.53812651014263
1	12958	53.164119	-27.787368	23.59570135010957					

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	53.146406666666664 Degrees -27.787658333333354 Degrees	126.00132432646711			3	6	5339.534

Special Requirements	
	Aperture PA Range 122 to 126.1 Degrees (V3 343.4254303 to 347.5254303) MSA Scheduled Aperture PA 126.0000 to 126.0000 Degrees (V3 347.42545 to 347.42545)

Observation

Proposal 7076, Observation 24: obs24_p1_v1

Tue Oct 06 02:04:26 GMT 2026

Diagnostic Status: Warning

Observing Template: NIRSpec MultiObject Spectroscopy

Diagnostics

(Visit 24:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.

Fixed Targets

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(12)	ember_obs23_gds_p1_msa	RA: 03 32 35.8116 (53.1492150d) Dec: -27 47 19.09 (-27.78864d) Equinox: J2000		

Comments:
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 4 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	obs23 all priority (4301 sources)	obs23 filler (14552 sources)	jwst-nirspec-prism	1.5

Reference Stars

Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
1	7871	53.154285	-27.761415	24.641401197191	1	15769	53.145599	-27.798972	24.031468527070047
1	10328	53.174048	-27.774762	24.85103619222249	1	16177	53.156356	-27.799039	23.958968333523856
1	12081	53.123798	-27.783491	24.263228012266044	1	16886	53.148996	-27.802581	24.404583580050023
1	12958	53.164119	-27.787368	23.59570135010957	1	20128	53.160852	-27.811897	24.81714563258105

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	53.146504875 Degrees -27.787756111111094 Degrees	126.10124867336204			3	6	5339.534

Special Requirements	
	Aperture PA Range 122 to 126.1 Degrees (V3 343.4254303 to 347.5254303) MSA Scheduled Aperture PA 126.1000 to 126.1000 Degrees (V3 347.52542 to 347.52542)