



1213 - NIRSpec WIDE MOS Survey - AEGIS

Cycle: 1, Proposal Category: GTO

INVESTIGATORS

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OBSERVATIONS

<i>Folder</i>	<i>Observation</i>	<i>Label</i>	<i>Observing Template</i>	<i>Science Target</i>
Observation Folder				
	1	eMPT2017_2	NIRSpec MultiObject Spectroscopy	(6) P2017
	2	eMPT2018	NIRSpec MultiObject Spectroscopy	(7) P2018
	3	eMPT2019	NIRSpec MultiObject Spectroscopy	(8) P2019
	4	eMPT2020	NIRSpec MultiObject Spectroscopy	(9) P2020
	5	eMPT2021	NIRSpec MultiObject Spectroscopy	(10) P2021
	55	eMPT2021_replan	NIRSpec MultiObject Spectroscopy	(10) P2021

ABSTRACT

This WIDE MOS survey lays out the widest-area portion of the NIRSpec MSA GTO galaxy evolution program, based on the premise that even the fastest (overhead-sensible) tiling of the sky opens up an observational discovery space that is unattainable by other means and scientifically compelling. The WIDE MOS survey will cover 31 pointings (5 in the AEGIS field) with the R100 prism (40min integration) and the high-resolution R2700 Band II & III grating settings (30 min integration each). This program will provide continuum spectra for all sources in the targeted CANDELS fields with mF160W <24.0mag (AB) and z>2 (at R100 ~50 objects per field of view); emission line spectra (at R=100 and R2700 ~250 objects per field of view) for all objects with SED-expected H-emission lines fluxes > 10⁻¹⁷ ergs/s/cm² (corresponding to star formation rates of 6Msun/yr at z~3). The main science drivers are: 1) a survey of 1-5m stellar continua at 10x higher resolution than photometry affords, constraining

and calibrating SFR's and stellar population ages, 2) a comprehensive 1-5m survey of emission lines, to characterize the emission line properties (SFR, excitation and possibly [Fe/H]) of galaxies (mostly at $z>4$), and 3) to systematically explore the population incidence of ionized gas outflows and kinematics of galaxies over a large range of properties and redshifts. This survey is also an excellent (and possibly rapid) legacy data set for follow-up by the GTO team and the community.

OBSERVING DESCRIPTION

Using JWST/NIRSpec we will observe hundreds of galaxies in the AEGIS survey field with 5 MSA pointings as part of the “Physics of Galaxy Assembly MSA survey” (Programme 1213, PI: P. Ferruit). Observations will be done in MSA mode with grating/filters PRISM, G235H/F170LP and G395H/F290LP. The observing strategy for the MSA currently consists of 3 nod in slits exposures for the PRISM and 2 nod in slits exposures for G235H and G395H grism. For PRISM and G235H we are taking a series of 11 groups of integrations and 12 groups for the G395H setup. All exposures are taken in IRS2 readout mode. The MSA mask design will be reviewed once the V3 angle of JWST will be assigned to the program and the current mask are not yet representative at a freely chosen valid PA.

Proposal 1213 - Targets - NIRSpec WIDE MOS Survey - AEGIS

#	Name	Target Coordinates	Targ. Coord. Corrections	Miscellaneous
(6)	P2017	RA: 14 20 35.8984 (215.1495767d) Dec: +53 03 1.43 (53.05040d) Equinox: J2000		
<i>Comments:</i> <i>Description=[]</i>				
(7)	P2018	RA: 14 20 23.8775 (215.0994896d) Dec: +52 59 31.81 (52.99217d) Equinox: J2000		
<i>Comments:</i> <i>Description=[]</i>				
(8)	P2019	RA: 14 19 58.4009 (214.9933371d) Dec: +52 55 10.62 (52.91962d) Equinox: J2000		
<i>Comments:</i> <i>Description=[]</i>				
(9)	P2020	RA: 14 19 32.6581 (214.8860754d) Dec: +52 50 45.50 (52.84597d) Equinox: J2000		
<i>Comments:</i> <i>Description=[]</i>				
(10)	P2021	RA: 14 19 14.4958 (214.8103992d) Dec: +52 47 39.04 (52.79418d) Equinox: J2000		
<i>Comments:</i> <i>Description=[]</i>				

Fixed Targets

Proposal 1213 - Observation 1 - NIRSpec WIDE MOS Survey - AEGIS

Sat Apr 29 00:01:01 GMT 2023

Observation	Proposal 1213, Observation 1: eMPT2017_2 Diagnostic Status: Warning Observing Template: NIRSpec MultiObject Spectroscopy										
	(eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#1) has 1 primary slits affected by failed closed shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#1) has 26 master background shutters affected by failed open or closed shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#1) has 32 primary slit traces affected by failed open shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#2) has 1 primary slits affected by failed closed shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#2) has 26 master background shutters affected by failed open or closed shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#2) has 32 primary slit traces affected by failed open shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#3) has 1 primary slits affected by failed closed shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#3) has 26 master background shutters affected by failed open or closed shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#3) has 32 primary slit traces affected by failed open shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#4) has 1 primary slits affected by failed closed shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#4) has 26 master background shutters affected by failed open or closed shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#4) has 32 primary slit traces affected by failed open shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#5) has 1 primary slits affected by failed closed shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#5) has 26 master background shutters affected by failed open or closed shutters. (eMPT2017_2 (Obs 1)) Warning (Form): Config shutter_mask (#5) has 32 primary slit traces affected by failed open shutters. (Visit 1:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Diagnosics											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(6)	P2017	RA: 14 20 35.8984 (215.1495767d) Dec: +53 03 1.43 (53.05040d) Equinox: J2000								
Comments: Description=[]											
Acquisition	#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	Filter: CLEAR; Readout: NRSRAPIDD2; 8 sources in 4 quads; [Optimal TA Accuracy]	SAME	CLEAR	Auto Acq MSA Config	NRSRAPIDD2	3	1	4	343.577	
Template	TA Method		Obtain Confirmation Images		Science Aperture	Primary Candidate List	Filler Candidate List	Spectral Overlap Map		Spectral Overlap Threshold	
	MSATA		After Target ACQ		MSA Center	P2017 (8958 sources)		jwst-nirspec-hr		1.5	

Proposal 1213 - Observation 1 - NIRSpec WIDE MOS Survey - AEGIS

Reference Stars	Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude
	1	1243	215.176824	53.041271	23.03873979007901	1	3412	215.119076	53.055421	24.27969102334653
	1	1661	215.197642	53.066373	22.29088558492775	1	3567	215.149024	53.081610	24.50772715759315
	1	2609	215.138851	53.048003	24.21205777227213	1	3592	215.151293	53.083266	22.34194455620999
	1	2690	215.183960	53.081134	23.86105608550861	1	4035	215.123927	53.080789	24.65614351181543

Confirmation	#	Confirmation Type	Conf. Readout Pattern	Conf. Groups/Int	Conf. Integrations/Exp	Conf. Total Integrations	Conf. Total Exposure Time
	1		After Target Acq	NRSIRS2	3	1	1

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	3 (PRISM/CLEAR)	shutter_mask	3 Shutter Slitlet	215.15982583333 334 Degrees 53.061661111111 11 Degrees	17.337303701200 45			3	3	2450.934
	2	1 (G235H/F170LP)	shutter_mask		215.15982583333 334 Degrees 53.061661111111 11 Degrees	17.337362137414 882		1.0	1	1	816.978
	3	1 (G235H/F170LP)	shutter_mask		215.15982583333 334 Degrees 53.061661111111 11 Degrees	17.337245259550 393		-1.0	1	1	816.978
	4	2 (G395H/F290LP)	shutter_mask		215.15982583333 334 Degrees 53.061661111111 11 Degrees	17.337245259550 393		-1.0	1	1	889.922
	5	2 (G395H/F290LP)	shutter_mask		215.15982583333 334 Degrees 53.061661111111 11 Degrees	17.337362137414 882		1.0	1	1	889.922

Special Requirements	MSA Scheduled Aperture PA 17.3290997 to 17.3290997 Degrees (V3 238.75453 to 238.75453)										
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Proposal 1213 - Observation 2 - NIRSpec WIDE MOS Survey - AEGIS

Sat Apr 29 00:01:01 GMT 2023

Observation	Proposal 1213, Observation 2: eMPT2018 Diagnostic Status: Warning Observing Template: NIRSpec MultiObject Spectroscopy										
Diagnostics	(eMPT2018 (Obs 2)) Warning (Form): Config shutter_mask (#1) has 26 master background shutters affected by failed open or closed shutters. (eMPT2018 (Obs 2)) Warning (Form): Config shutter_mask (#1) has 28 primary slit traces affected by failed open shutters. (eMPT2018 (Obs 2)) Warning (Form): Config shutter_mask (#2) has 26 master background shutters affected by failed open or closed shutters. (eMPT2018 (Obs 2)) Warning (Form): Config shutter_mask (#2) has 28 primary slit traces affected by failed open shutters. (eMPT2018 (Obs 2)) Warning (Form): Config shutter_mask (#3) has 26 master background shutters affected by failed open or closed shutters. (eMPT2018 (Obs 2)) Warning (Form): Config shutter_mask (#3) has 28 primary slit traces affected by failed open shutters. (eMPT2018 (Obs 2)) Warning (Form): Config shutter_mask (#4) has 26 master background shutters affected by failed open or closed shutters. (eMPT2018 (Obs 2)) Warning (Form): Config shutter_mask (#4) has 28 primary slit traces affected by failed open shutters. (eMPT2018 (Obs 2)) Warning (Form): Config shutter_mask (#5) has 26 master background shutters affected by failed open or closed shutters. (eMPT2018 (Obs 2)) Warning (Form): Config shutter_mask (#5) has 28 primary slit traces affected by failed open 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		
(7)	P2018	RA: 14 20 23.8775 (215.0994896d) Dec: +52 59 31.81 (52.99217d) Equinox: J2000									
<i>Comments: Description=[]</i>											
Acquisition	#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
1	Filter: F140X; Readout: NRSRAPID; 7 sources in 3 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788		
Template	TA Method		Obtain Confirmation Images		Science Aperture	Primary Candidate List	Filler Candidate List	Spectral Overlap Map		Spectral Overlap Threshold	
MSATA		After Target ACQ		MSA Center	P2018 (9069 sources)		jwst-nirspec-hr		1.5		
Reference Stars	Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude	
1	983	215.105951	52.961517	22.99263204727491	1	1757	215.101881	52.977173	20.95612732471536		
1	1166	215.118032	52.974047	20.64967198248534	1	2649	215.062360	52.973287	21.81784030331927		
1	1219	215.110305	52.971666	22.00237495719484	1	3291	215.077529	52.999487	22.91858459026409		
1	1312	215.097513	52.965067	20.94658014324652					6		

Proposal 1213 - Observation 2 - NIRSpec WIDE MOS Survey - AEGIS

Confirmation	#	Confirmation Type	Conf. Readout Pattern	Conf. Groups/Int	Conf. Integrations/Exp	Conf. Total Integrations	Conf. Total Exposure Time
		1	After Target Acq	NRSIRS2	3	1	1

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	3 (PRISM/CLEAR)	shutter_mask	3 Shutter Slitlet	215.08206083333 334 Degrees 52.98770833333 34 Degrees	17.243155838467 39			3	3
	2	1 (G235H/F170LP)	shutter_mask		215.08206083333 334 Degrees 52.98770833333 34 Degrees	17.243213812671 794		1.0	1	1	816.978
	3	1 (G235H/F170LP)	shutter_mask		215.08206083333 334 Degrees 52.98770833333 34 Degrees	17.243097858870 55		-1.0	1	1	816.978
	4	2 (G395H/F290LP)	shutter_mask		215.08206083333 334 Degrees 52.98770833333 34 Degrees	17.243097858870 55		-1.0	1	1	889.922
	5	2 (G395H/F290LP)	shutter_mask		215.08206083333 334 Degrees 52.98770833333 34 Degrees	17.243213812671 794		1.0	1	1	889.922

Special Requirements
MSA Scheduled Aperture PA 17.2570697 to 17.2570697 Degrees (V3 238.6825 to 238.6825)

Proposal 1213 - Observation 3 - NIRSpec WIDE MOS Survey - AEGIS

Sat Apr 29 00:01:01 GMT 2023

Observation	Proposal 1213, Observation 3: eMPT2019 Diagnostic Status: Warning Observing Template: NIRSpec MultiObject Spectroscopy										
	(eMPT2019 (Obs 3)) Warning (Form): Config shutter_mask (#1) has 20 master background shutters affected by failed open or closed shutters. (eMPT2019 (Obs 3)) Warning (Form): Config shutter_mask (#1) has 30 primary slit traces affected by failed open shutters. (eMPT2019 (Obs 3)) Warning (Form): Config shutter_mask (#2) has 20 master background shutters affected by failed open or closed shutters. (eMPT2019 (Obs 3)) Warning (Form): Config shutter_mask (#2) has 30 primary slit traces affected by failed open shutters. (eMPT2019 (Obs 3)) Warning (Form): Config shutter_mask (#3) has 20 master background shutters affected by failed open or closed shutters. (eMPT2019 (Obs 3)) Warning (Form): Config shutter_mask (#3) has 30 primary slit traces affected by failed open shutters. (eMPT2019 (Obs 3)) Warning (Form): Config shutter_mask (#4) has 20 master background shutters affected by failed open or closed shutters. (eMPT2019 (Obs 3)) Warning (Form): Config shutter_mask (#4) has 30 primary slit traces affected by failed open shutters. (eMPT2019 (Obs 3)) Warning (Form): Config shutter_mask (#5) has 20 master background shutters affected by failed open or closed shutters. (eMPT2019 (Obs 3)) Warning (Form): Config shutter_mask (#5) has 30 primary slit traces affected by failed open shutters. (Visit 3:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 3:1) Warning (Form): The recommended value is 8 Reference Stars for this template.										
Diagnosics											
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(8)	P2019	RA: 14 19 58.4009 (214.9933371d) Dec: +52 55 10.62 (52.91962d) Equinox: J2000								
<i>Comments: Description=[]</i>											
Acquisition	#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc ID
	1	Filter: F140X; Readout: NRSRAPID; 7 sources in 4 quads; [Optimal TA Accuracy]	SAME	F140X	Auto Acq MSA Config	NRSRAPID	3	1	4	171.788	
Template	TA Method		Obtain Confirmation Images		Science Aperture	Primary Candidate List	Filler Candidate List	Spectral Overlap Map		Spectral Overlap Threshold	
	MSATA		After Target ACQ		MSA Center	P2019 (7961 sources)		jwst-nirspec-hr		1.5	
Reference Stars	Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude	
	1	905	215.010994	52.896148	22.25011212423468	1	2768	215.008611	52.948870	22.28638004390791	
	1	1254	215.004054	52.901793	21.08580290338644	1	3677	214.930757	52.921195	22.01772116931825	
	1	1428	215.014832	52.914223	21.38034839174177	1	3982	214.950428	52.946661	22.63092331188500	
	1	1580	215.027341	52.928152	22.68338478423691	1	4			6	

Proposal 1213 - Observation 3 - NIRSpec WIDE MOS Survey - AEGIS

Confirmation	#	Confirmation Type		Conf. Readout Pattern	Conf. Groups/Int	Conf. Integrations/Exp	Conf. Total Integrations	Conf. Total Exposure Time		
		1	After Target Acq		NRSIRS2	3	1	1	233.422	

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	3 (PRISM/CLEAR)	shutter_mask	3 Shutter Slitlet	214.977545 Degrees 52.930508333333 33 Degrees	17.113469860495 353			3	3	2450.934
	2	1 (G235H/F170LP)	shutter_mask		214.977545 Degrees 52.930508333333 33 Degrees	17.113527294268 625		1.0	1	1	816.978
	3	1 (G235H/F170LP)	shutter_mask		214.977545 Degrees 52.930508333333 33 Degrees	17.113412421380 044		-1.0	1	1	816.978
	4	2 (G395H/F290LP)	shutter_mask		214.977545 Degrees 52.930508333333 33 Degrees	17.113412421380 044		-1.0	1	1	889.922
	5	2 (G395H/F290LP)	shutter_mask		214.977545 Degrees 52.930508333333 33 Degrees	17.113527294268 625		1.0	1	1	889.922

Special Requirements	MSA Scheduled Aperture PA 17.1260397 to 17.1260397 Degrees (V3 238.55147 to 238.55147)										

Proposal 1213 - Observation 4 - NIRSpec WIDE MOS Survey - AEGIS

Sat Apr 29 00:01:01 GMT 2023

Observation	Proposal 1213, Observation 4: eMPT2020 Diagnostic Status: Warning Observing Template: NIRSpec MultiObject Spectroscopy											
	Diagnostics	(eMPT2020 (Obs 4)) Warning (Form): Config shutter_mask (#1) has 26 primary slit traces affected by failed open shutters. (eMPT2020 (Obs 4)) Warning (Form): Config shutter_mask (#1) has 32 master background shutters affected by failed open or closed shutters. (eMPT2020 (Obs 4)) Warning (Form): Config shutter_mask (#2) has 26 primary slit traces affected by failed open shutters. (eMPT2020 (Obs 4)) Warning (Form): Config shutter_mask (#2) has 32 master background shutters affected by failed open or closed shutters. (eMPT2020 (Obs 4)) Warning (Form): Config shutter_mask (#3) has 26 primary slit traces affected by failed open shutters. (eMPT2020 (Obs 4)) Warning (Form): Config shutter_mask (#3) has 32 master background shutters affected by failed open or closed shutters. (eMPT2020 (Obs 4)) Warning (Form): Config shutter_mask (#4) has 26 primary slit traces affected by failed open shutters. (eMPT2020 (Obs 4)) Warning (Form): Config shutter_mask (#4) has 32 master background shutters affected by failed open or closed shutters. (eMPT2020 (Obs 4)) Warning (Form): Config shutter_mask (#5) has 26 primary slit traces affected by failed open shutters. (eMPT2020 (Obs 4)) Warning (Form): Config shutter_mask (#5) has 32 master background shutters affected by failed open or 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			
		(9)	P2020	RA: 14 19 32.6581 (214.8860754d) Dec: +52 50 45.50 (52.84597d) Equinox: J2000								
<i>Comments: Description=[]</i>												
Acquisition		#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc 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		Obtain Confirmation Images		Science Aperture	Primary Candidate List	Filler Candidate List		Spectral Overlap Map	Spectral Overlap Threshold	
		MSATA		After Target ACQ		MSA Center	P2020 (8664 sources)			rwst-nirspec-hr	1.5	
Reference Stars		Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude	
		1	724	214.911214	52.822811	24.99684974786039	1	2086	214.862549	52.825847	24.81644170505413	
	1	735	214.886631	52.805752	24.72923737459753	1	2705	214.867880	52.846273	24.30587216672570		
	1	1148	214.896047	52.825631	24.43132810824743	1	3333	214.860571	52.858320	24.10348606895467		
	1	1652	214.864405	52.816079	25.53705928521832	1	3419	214.845700	52.850495	25.56509229299584		

Proposal 1213 - Observation 4 - NIRSPEC WIDE MOS Survey - AEGIS

Confirmation	#	Confirmation Type	Conf. Readout Pattern	Conf. Groups/Int	Conf. Integrations/Exp	Conf. Total Integrations	Conf. Total Exposure Time
		1	After Target Acq	NRSIRS2	3	1	1

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	3 (PRISM/CLEAR)	shutter_mask	3 Shutter Slitlet	214.88067083333 334 Degrees 52.83579444444 446 Degrees	17.013137417726 08			3	3
	2	1 (G235H/F170LP)	shutter_mask		214.88067083333 334 Degrees 52.83579444444 446 Degrees	17.013194330735 12		1.0	1	1	816.978
	3	1 (G235H/F170LP)	shutter_mask		214.88067083333 334 Degrees 52.83579444444 446 Degrees	17.013080499423 943		-1.0	1	1	816.978
	4	2 (G395H/F290LP)	shutter_mask		214.88067083333 334 Degrees 52.83579444444 446 Degrees	17.013080499423 943		-1.0	1	1	889.922
	5	2 (G395H/F290LP)	shutter_mask		214.88067083333 334 Degrees 52.83579444444 446 Degrees	17.013194330735 12		1.0	1	1	889.922

Special Requirements
MSA Scheduled Aperture PA 17.0174597 to 17.0174597 Degrees (V3 238.44289 to 238.44289)

Proposal 1213 - Observation 5 - NIRSpec WIDE MOS Survey - AEGIS

Sat Apr 29 00:01:01 GMT 2023

Observation	Proposal 1213, Observation 5: eMPT2021 Diagnostic Status: Warning Observing Template: NIRSpec MultiObject Spectroscopy										
	(eMPT2021 (Obs 5)) Warning (Form): Config shutter_mask (#1) has 25 primary slit traces affected by failed open shutters. (eMPT2021 (Obs 5)) Warning (Form): Config shutter_mask (#1) has 35 master background shutters affected by failed open or closed shutters. (eMPT2021 (Obs 5)) Warning (Form): Config shutter_mask (#2) has 25 primary slit traces affected by failed open shutters. (eMPT2021 (Obs 5)) Warning (Form): Config shutter_mask (#2) has 35 master background shutters affected by failed open or closed shutters. (eMPT2021 (Obs 5)) Warning (Form): Config shutter_mask (#3) has 25 primary slit traces affected by failed open shutters. (eMPT2021 (Obs 5)) Warning (Form): Config shutter_mask (#3) has 35 master background shutters affected by failed open or closed shutters. (eMPT2021 (Obs 5)) Warning (Form): Config shutter_mask (#4) has 25 primary slit traces affected by failed open shutters. (eMPT2021 (Obs 5)) Warning (Form): Config shutter_mask (#4) has 35 master background shutters affected by failed open or closed shutters. (eMPT2021 (Obs 5)) Warning (Form): Config shutter_mask (#5) has 25 primary slit traces affected by failed open shutters. (eMPT2021 (Obs 5)) Warning (Form): Config shutter_mask (#5) has 35 master background shutters affected by failed open or closed shutters. (Visit 5:1) Warning (Form): Overheads are provisional until the Visit Planner has been run. (Visit 5:1) Warning (Form): The recommended value is 8 Reference Stars for this template.										
Fixed Targets	#	Name	Target Coordinates			Targ. Coord. Corrections			Miscellaneous		
	(10)	P2021	RA: 14 19 14.4958 (214.8103992d) Dec: +52 47 39.04 (52.79418d) Equinox: J2000								
<i>Comments: Description=[]</i>											
Acquisition	#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc 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		Obtain Confirmation Images		Science Aperture	Primary Candidate List	Filler Candidate List	Spectral Overlap Map		Spectral Overlap Threshold	
	MSATA		After Target ACQ		MSA Center	P2021 (8044 sources)		jwst-nirspec-hr		1.5	
Reference Stars	Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude	
	1	1836	214.818952	52.793599	24.44588332915775	1	3708	214.791010	52.831084	24.025858355258517	
	1	2067	214.830910	52.808536	24.61854166720721	1	3711	214.739486	52.794485	24.0183162949874	
	1	2653	214.810210	52.811329	25.42996086776772	1	3959	214.769908	52.826312	25.601490674507023	
	1	3075	214.770162	52.795157	25.35809088965114						

Proposal 1213 - Observation 5 - NIRSpec WIDE MOS Survey - AEGIS

Confirmation	#	Confirmation Type	Conf. Readout Pattern	Conf. Groups/Int	Conf. Integrations/Exp	Conf. Total Integrations	Conf. Total Exposure Time
		1	After Target Acq	NRSIRS2	3	1	1

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	3 (PRISM/CLEAR)	shutter_mask	3 Shutter Slitlet	214.78784916666 666 Degrees 52.806361111111 11 Degrees	16.925514925803 6			3	3
	2	1 (G235H/F170LP)	shutter_mask		214.78784916666 666 Degrees 52.806361111111 11 Degrees	16.925571495115 374		1.0	1	1	816.978
	3	1 (G235H/F170LP)	shutter_mask		214.78784916666 666 Degrees 52.806361111111 11 Degrees	16.925458351230 397		-1.0	1	1	816.978
	4	2 (G395H/F290LP)	shutter_mask		214.78784916666 666 Degrees 52.806361111111 11 Degrees	16.925458351230 397		-1.0	1	1	889.922
	5	2 (G395H/F290LP)	shutter_mask		214.78784916666 666 Degrees 52.806361111111 11 Degrees	16.925571495115 374		1.0	1	1	889.922

Special Requirements
MSA Scheduled Aperture PA 16.9434397 to 16.9434397 Degrees (V3 238.36887 to 238.36887)

Proposal 1213 - Observation 55 - NIRSpec WIDE MOS Survey - AEGIS

Observation	Proposal 1213, Observation 55: eMPT2021_replan Sat Apr 29 00:01:01 GMT 2023 Diagnostic Status: Warning Observing Template: NIRSpec MultiObject Spectroscopy <i>Comments: Repeat of Visit 5:1</i>											
	Diagnostics	(eMPT2021_replan (Obs 55)) Warning (Form): Config shutter_mask (#1) has 16 master background shutters affected by failed open or closed shutters. (eMPT2021_replan (Obs 55)) Warning (Form): Config shutter_mask (#1) has 35 primary slit traces affected by failed open shutters. (eMPT2021_replan (Obs 55)) Warning (Form): Config shutter_mask (#2) has 16 master background shutters affected by failed open or closed shutters. (eMPT2021_replan (Obs 55)) Warning (Form): Config shutter_mask (#2) has 35 primary slit traces affected by failed open shutters. (eMPT2021_replan (Obs 55)) Warning (Form): Config shutter_mask (#3) has 16 master background shutters affected by failed open or closed shutters. (eMPT2021_replan (Obs 55)) Warning (Form): Config shutter_mask (#3) has 35 primary slit traces affected by failed open shutters. (eMPT2021_replan (Obs 55)) Warning (Form): Config shutter_mask (#4) has 16 master background shutters affected by failed open or closed shutters. (eMPT2021_replan (Obs 55)) Warning (Form): Config shutter_mask (#4) has 35 primary slit traces affected by failed open shutters. (eMPT2021_replan (Obs 55)) Warning (Form): Config shutter_mask (#5) has 16 master background shutters affected by failed open or closed shutters. (eMPT2021_replan (Obs 55)) Warning (Form): Config shutter_mask (#5) has 35 primary slit traces affected by failed open shutters. (Visit 55:1) Warning (Form): Overheads are provisional until the Visit Planner has been run.										
Fixed Targets		#	Name	Target Coordinates			Targ. Coord. Corrections		Miscellaneous			
		(10)	P2021	RA: 14 19 14.4958 (214.8103992d) Dec: +52 47 39.04 (52.79418d) Equinox: J2000								
<i>Comments: Description=[]</i>												
Acquisition		#	Reference Star Bin	Target	Filter	MSA Configuration	Readout Pattern	Groups/Int	Integrations/Exp	Total Integrations	Total Exposure Time	ETC Wkbk.Calc 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		Obtain Confirmation Images		Science Aperture	Primary Candidate List	Filler Candidate List	Spectral Overlap Map		Spectral Overlap Threshold	
		MSATA		After Target ACQ		MSA Center	P2021 (8044 sources)		jwst-nirspec-hr		1.5	
Reference Stars		Visit	ID	RA	Dec	Magnitude	Visit	ID	RA	Dec	Magnitude	
		1	1809	214.812527	52.788484	25.2175552773729	1	2520	214.775114	52.782123	24.186099941332763	
	1	1836	214.818952	52.793599	24.44588332915775	1	2653	214.810210	52.811329	25.429960867767726		
	1	2067	214.830910	52.808536	24.61854166720721	1	2760	214.773210	52.787681	23.892343763789135		
	1	2371	214.777660	52.778518	23.34279945434065	1	3125	214.785154	52.806964	24.395627928640593		

Proposal 1213 - Observation 55 - NIRSpec WIDE MOS Survey - AEGIS

Confirmation	#	Confirmation Type	Conf. Readout Pattern	Conf. Groups/Int	Conf. Integrations/Exp	Conf. Total Integrations	Conf. Total Exposure Time
		1	After Target Acq	NRSIRS2	3	1	1

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	3 (PRISM/CLEAR)	shutter_mask	3 Shutter Slitlet	214.79517791666 666 Degrees 52.799933333333 33 Degrees	268.74505119154 26			3	3
	2	1 (G235H/F170LP)	shutter_mask		214.79517791666 666 Degrees 52.799933333333 33 Degrees	268.74485785783 673		1.0	1	1	816.978
	3	1 (G235H/F170LP)	shutter_mask		214.79517791666 666 Degrees 52.799933333333 33 Degrees	268.74524454187 46		-1.0	1	1	816.978
	4	2 (G395H/F290LP)	shutter_mask		214.79517791666 666 Degrees 52.799933333333 33 Degrees	268.74524454187 46		-1.0	1	1	889.922
	5	2 (G395H/F290LP)	shutter_mask		214.79517791666 666 Degrees 52.799933333333 33 Degrees	268.74485785783 673		1.0	1	1	889.922

Special Requirements
MSA Scheduled Aperture PA 268.7571597 to 268.7571597 Degrees (V3 130.18259 to 130.18259)