

The option classes listed below will begin trading on the MIAX Options Exchange at the start of trading on **Tuesday, October 4, 2022**. All option classes on MIAX Options have an allocation style of Pro-Rata and billing style of Conventional.

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	PLMM	Cloud
AAWW	Atlas Air Worldwide Holdings, Inc.	AAWW	No	NASDAQ	4:00	Susquehanna Securities	1
ACWX	iShares MSCI ACWI ex US ETF	ACWX	No	NASDAQ	4:00	Citadel Securities, LLC	1
ADES	ADVANCED EMISSIONS SOLUTIONS, INC.	ADES	No	NASDAQ	4:00	Susquehanna Securities	1
AKLI	Akili, Inc.	AKLI	No	NASDAQ	4:00	Susquehanna Securities	1
ALLG	ALLEGRO NV	ALLG	No	NYSE	4:00	Susquehanna Securities	1
ALZN	ALZAMEND NEURO, INC.	ALZN	No	NASDAQ	4:00	Citadel Securities, LLC	1
ARHS	ARHAUS, INC.	ARHS	No	NASDAQ	4:00	Susquehanna Securities	1
AVLR	Avalara Inc	AVLR	No	NYSE	4:00	Susquehanna Securities	1
AZO	AUTOZONE INC.	AZO	No	NYSE	4:00	Wolverine Trading, LLC	1
BRBR	BellRing Brands, Inc.	BRBR	No	NYSE	4:00	Susquehanna Securities	2
CGA	CHINA GREEN AGRICULTURE, INC.	CGA	No	NYSE	4:00	Citadel Securities, LLC	3
CHRD	Chord Energy Corporation	CHRD	No	NASDAQ	4:00	Citadel Securities, LLC	3
CINC	CINCOR PHARMA, INC.	CINC	No	NASDAQ	4:00	Susquehanna Securities	3
CMAX	CAREMAX, INC.	CMAX	No	NASDAQ	4:00	Susquehanna Securities	3
COWN	Cowen, Inc.	COWN	No	NASDAQ	4:00	Susquehanna Securities	3
CRDO	CREDO TECHNOLOGY GROUP HOLDING LTD.	CRDO	No	NASDAQ	4:00	Citadel Securities, LLC	3
CRGY	CRESCENT ENERGY COMPANY	CRGY	No	NYSE	4:00	Citadel Securities, LLC	3
ENOV	ENOVIS CORPORATION	ENOV	No	NYSE	4:00	Wolverine Trading, LLC	5
ERO	ERO COPPER CORP.	ERO	No	NYSE	4:00	Wolverine Trading, LLC	5
FCNCA	FIRST CITIZENS BANCSHARES, INC.	FCNCA	No	NASDAQ	4:00	Citadel Securities, LLC	6
FMTX	FORMA THERAPEUTICS HOLDINGS, INC.	FMTX	No	NASDAQ	4:00	Susquehanna Securities	6
FSP	Franklin Street Properties Corporation	FSP	No	AMEX	4:00	Citadel Securities, LLC	6

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GRIN	GRINDROD SHIPPING HOLDINGS LTD.	GRIN	No	NASDAQ	4:00	Susquehanna Securities	7
GROV	GROVE COLLABORATIVE HOLDINGS, INC.	GROV	No	NYSE	4:00	Citadel Securities, LLC	7
HLN	HALEON PLC	HLN	No	NYSE	4:00	Citadel Securities, LLC	8
HPK	HIGHPEAK ENERGY INC	HPK	No	NASDAQ	4:00	Wolverine Trading, LLC	8
IAS	INTEGRAL AD SCIENCE HOLDING CORP	IAS	No	NASDAQ	4:00	Susquehanna Securities	9
IRBT	iRobot Corporation	IRBT	No	NASDAQ	4:00	Susquehanna Securities	9
KLXE	KLX ENERGY SERVICES HOLDINGS, INC.	KLXE	No	NASDAQ	4:00	Wolverine Trading, LLC	10
LIZI	LIZHI INC ADR	LIZI	No	NASDAQ	4:00	Citadel Securities, LLC	11
LMACA	LIBERTY MEDIA ACQUISITION CORP.	LMACA	No	NASDAQ	4:00	Susquehanna Securities	11
LVLU	LULUS FASHION LOUNGE HOLDINGS, INC.	LVLU	No	NASDAQ	4:00	Citadel Securities, LLC	11
NE	NOBLE CORPORATION	NE	No	NYSE	4:00	Susquehanna Securities	13
NEGG	NEWEGG COMMERCE, INC.	NEGG	Yes	NASDAQ	4:00	Wolverine Trading, LLC	13
NMTC	NEUROONE MEDICAL TECHNOLOGIES CORPORATION	NMTC	No	NASDAQ	4:00	Citadel Securities, LLC	13
NOVT	Novanta Inc.	NOVT	No	NASDAQ	4:00	Susquehanna Securities	13
PGY	PAGAYA TECHNOLOGIES LTD	PGY	No	NASDAQ	4:00	Susquehanna Securities	14
PYPD	POLYPID LTD.	PYPD	No	NASDAQ	4:00	Citadel Securities, LLC	14
SEV	SONO GROUP N.V.	SEV	No	NASDAQ	4:00	Citadel Securities, LLC	16
SVFA	SVF INVESTMENT CORP.	SVFA	No	NASDAQ	4:00	Susquehanna Securities	16
TRMD	TORM PLC	TRMD	No	NASDAQ	4:00	Wolverine Trading, LLC	17
TSLL	DIREXION DAILY TSLA BULL 1.5X SHARES	TSLL	No	NASDAQ	4:00	Wolverine Trading, LLC	17
VCSA	VACASA INC	VCSA	No	NASDAQ	4:00	Wolverine Trading, LLC	19
VMW	VMware Inc.	VMW	No	NYSE	4:00	Susquehanna Securities	19
WDS	WOODSIDE ENERGY GROUP LTD	WDS	No	NYSE	4:00	Wolverine Trading, LLC	19
WEAV	WEAVE COMMUNICATIONS, INC.	WEAV	No	NYSE	4:00	Citadel Securities, LLC	19

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WEBL	DIREXION DAILY DOW JONES INTERNET BULL 3X SHARES	WEBL	No	NYSE Arca	4:00	Wolverine Trading, LLC	19
WEST	Westrock Coffee Company	WEST	No	NASDAQ	4:00	Susquehanna Securities	19

Please contact MIAX Options Listings with any questions.

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