

The option classes listed below will begin trading on the MIAX Options Exchange at the start of trading on **Friday, April 29, 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
ABSI	ABSCI CORPORATION	ABSI	No	NASDAQ	4:00	Citadel Securities, LLC	1
AMLX	AMLYX PHARMACEUTICALS, INC	AMLX	No	NASDAQ	4:00	Susquehanna Securities	1
ATC	ATOTECH LIMITED	ATC	No	NYSE	4:00	Susquehanna Securities	1
AVAH	AVEANNA HEALTHCARE HOLDINGS	AVAH	No	NASDAQ	4:00	Wolverine Trading, LLC	1
AWRE	Aware Inc.	AWRE	No	NASDAQ	4:00	Citadel Securities, LLC	1
BIOX	BIOCERES CROP SOLUTIONS CORP.	BIOX	No	NASDAQ	4:00	Citadel Securities, LLC	2
CENN	Centro Electric Group Limited	CENN	No	NASDAQ	4:00	Citadel Securities, LLC	3
CGEM	CULLINAN ONCOLOGY, INC	CGEM	No	NASDAQ	4:00	Susquehanna Securities	3
CISO	CERBERUS CYBER SENTINEL CORP	CISO	No	NASDAQ	4:00	Susquehanna Securities	3
CNM	CORE & MAIN INC	CNM	No	NYSE	4:00	Wolverine Trading, LLC	3
CNR	Cornerstone Building Brands, Inc.	CNR	No	NYSE	4:00	Susquehanna Securities	3
CRAI	CRA International, Inc.	CRAI	No	NASDAQ	4:00	Citadel Securities, LLC	3
DJP	iPath Bloomberg Commodity Index Total Return ETN	DJP	No	NYSE Arca	4:00	Susquehanna Securities	4
ETAC	E.MERGE TECHNOLOGY ACQUISITION CORP	ETAC	No	NASDAQ	4:00	Susquehanna Securities	5
FENY	Fidelity MSCI Energy Index ETF	FENY	No	NYSE Arca	4:00	Wolverine Trading, LLC	6
FLYW	FLYWIRE CORPORATION COM VTG	FLYW	No	NASDAQ	4:00	Susquehanna Securities	6
FMNB	Farmers National Banc Corp.	FMNB	No	NASDAQ	4:00	Susquehanna Securities	6
FORG	FORGEROCK INC	FORG	No	NYSE	4:00	Susquehanna Securities	6
FPE	First Trust Preferred Securities and Income Fund	FPE	No	NYSE Arca	4:00	Citadel Securities, LLC	6
FTCI	FTC SOLAR, INC	FTCI	No	NASDAQ	4:00	Citadel Securities, LLC	6
GAME	Engine Gaming and Media, Inc.	GAME	No	NASDAQ	4:00	Citadel Securities, LLC	7

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	PLMM	Cloud
GASS	StealthGas Inc.	GASS	No	NASDAQ	4:00	Citadel Securities, LLC	7
GSBD	GOLDMAN SACHS BDC, INC	GSBD	No	NYSE	4:00	Citadel Securities, LLC	7
HUMA	Humacyte, Inc.	HUMA	No	NASDAQ	4:00	Susquehanna Securities	8
HUSA	HOUSTON AMERICAN ENERGY CORPORATION	HUSA	No	AMEX	4:00	Susquehanna Securities	8
ICVX	ICOSAVAX, INC	ICVX	No	NASDAQ	4:00	Citadel Securities, LLC	9
IGIB	iSharesTrustiShares 5-10 Yr Inv Grade Corp Bond ETF	IGIB	No	NASDAQ	4:00	Citadel Securities, LLC	9
IIN	Intricon Corp.	IIN	No	NASDAQ	4:00	Susquehanna Securities	9
IMXI	INTERNATIONAL MONEY EXPRESS, INC	IMXI	No	NASDAQ	4:00	Wolverine Trading, LLC	9
IOT	SAMSARA, INC	IOT	No	NYSE	4:00	Citadel Securities, LLC	9
ISPO	INSPIRATO INCORPORATED	ISPO	No	NASDAQ	4:00	Susquehanna Securities	9
JJN	IPATH SERIES B BLOOMBERG NICKEL SUBINDEX	JJN	No	NYSE Arca	4:00	Wolverine Trading, LLC	10
LAZY	LAZYDAYS HOLDINGS, INC	LAZY	No	NASDAQ	4:00	Wolverine Trading, LLC	11
LIQT	LIQTECH INTERNATIONAL, INC	LIQT	No	NASDAQ	4:00	Citadel Securities, LLC	11
LZ	LEGALZOOM.COM, INC	LZ	No	NASDAQ	4:00	Citadel Securities, LLC	11
MASS	908 DEVICES INC	MASS	No	NASDAQ	4:00	Wolverine Trading, LLC	12
MCG	MEMBERSHIP COLLECTIVE GROUP, INC	MCG	No	NYSE	4:00	Susquehanna Securities	12
MMX	MAVERIX METALS INC	MMX	No	AMEX	4:00	Citadel Securities, LLC	12
MRAI	MARPAI, INC	MRAI	No	NASDAQ	4:00	Wolverine Trading, LLC	12
NBR	NABORS INDUSTRIES LTD	NBR	No	NYSE	4:00	Wolverine Trading, LLC	13
NFTZ	DEFIANCE DIGITAL REVOLUTION ETF	NFTZ	No	NYSE Arca	4:00	Wolverine Trading, LLC	13
NRGV	Energy Vault Holdings, Inc.	NRGV	No	NYSE	4:00	Wolverine Trading, LLC	13
NRIX	NURIX THERAPEUTICS, INC	NRIX	No	NASDAQ	4:00	Susquehanna Securities	13
ORIC	ORIC PHARMACEUTICALS INC	ORIC	No	NASDAQ	4:00	Citadel Securities, LLC	14
PAX	PATRIA INVESTMENT LTD	PAX	No	NASDAQ	4:00	Wolverine Trading, LLC	14
PHAT	PHATHOM PHARMACEUTICALS, INC	PHAT	No	NASDAQ	4:00	Citadel Securities, LLC	14

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing Time	PLMM	Cloud
PLAN	ANAPLAN INC	PLAN	No	NYSE	4:00	Susquehanna Securities	14
PMVP	PMV PHARMACEUTICALS, INC	PMVP	No	NASDAQ	4:00	Susquehanna Securities	14
POST	Post Holdings, Inc.	POST	No	NYSE	4:00	Wolverine Trading, LLC	14
PRVA	PRIVIA HEALTH GROUP INC	PRVA	No	NASDAQ	4:00	Citadel Securities, LLC	14
RPTX	REPARE THERAPEUTICS INC	RPTX	No	NASDAQ	4:00	Susquehanna Securities	15
RVPH	REVIVA PHARMACEUTICALS HOLDINGS, INC	RVPH	No	NASDAQ	4:00	Susquehanna Securities	15
RYAN	RYAN SPECIALITY GROUP	RYAN	No	NYSE	4:00	Citadel Securities, LLC	15
SDIG	STRONGHOLD DIGITAL MINING, INC	SDIG	No	NASDAQ	4:00	Wolverine Trading, LLC	16
SLGC	SOMALOGIC, INC	SLGC	No	NASDAQ	4:00	Citadel Securities, LLC	16
SMHI	SEACOR MARINE HOLDINGS INC	SMHI	No	NYSE	4:00	Wolverine Trading, LLC	16
TH	TARGET HOSPITALITY CORP	TH	No	NASDAQ	4:00	Susquehanna Securities	17
TKAT	TAKUNG ART LTD	TKAT	No	AMEX	4:00	Wolverine Trading, LLC	17
TMCI	TREACE MEDICAL CONCEPTS, INC	TMCI	No	NASDAQ	4:00	Wolverine Trading, LLC	17
TRIN	TRINITY CAPITAL, INC	TRIN	No	NASDAQ	4:00	Citadel Securities, LLC	17
VRAR	GLIMPSE GROUP INC	VRAR	No	NASDAQ	4:00	Susquehanna Securities	19
WHD	Cactus Inc.	WHD	No	NYSE	4:00	Citadel Securities, LLC	19
XGN	EXAGEN, INC.	XGN	No	NASDAQ	4:00	Susquehanna Securities	20
Y	Alleghany Corporation	Y	No	NYSE	4:00	Susquehanna Securities	20

Please contact MIAX Options Listings with any questions.

Listings@MIAXOptions.com

(609) 897-7308