

The option classes listed below will begin trading on the MIAX Emerald Options Exchange at the start of trading on **Tuesday, March 7, 2023**. All option classes on MIAX Emerald have an allocation style of Pro-Rata and billing style of Maker-Taker.

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing	PLMM	Cloud
					Time		
AIRS	AIRSCULPT TECHNOLOGIES, INC.	AIRS	No	NASDAQ	4:00	Citadel Securities, LLC	1
AMAM	AMBRX BIOPHARMA, INC.	AMAM	No	NYSE	4:00	Susquehanna Securities	1
APGN	APEXIGEN, INC	APGN	No	NASDAQ	4:00	Susquehanna Securities	1
ASPS	Altisource Portfolio Solutions SA	ASPS	No	NASDAQ	4:00	Susquehanna Securities	1
ATRO	ASTRONICS CORPORATION	ATRO	No	NASDAQ	4:00	Wolverine Trading, LLC	1
AVDV	AVANTIS INTERNATIONAL SMALL CAP VALUE ETF	AVDV	No	NYSE Arca	4:00	Wolverine Trading, LLC	1
BN	BROOKFIELD CORPORATION	BN	No	NYSE	4:00	Susquehanna Securities	2
BXSL	BLACKSTONE SECURED LENDING FUND	BXSL	No	NYSE	4:00	Wolverine Trading, LLC	2
CACC	Credit Acceptance Corporation	CACC	No	NASDAQ	4:00	Susquehanna Securities	2
CBL	CBL & ASSOCIATES PROPERTIES, INC.	CBL	No	NYSE	4:00	Wolverine Trading, LLC	2
CDTX	CIDARA THERAPEUTICS, INC.	CDTX	No	NASDAQ	4:00	Citadel Securities, LLC	2
DFLI	DRAGONFLY ENERGY HOLDINGS CORP	DFLI	No	NASDAQ	4:00	Citadel Securities, LLC	3

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EXAI	EXSCIENTIA PLC	EXAI	No	NASDAQ	4:00	Susquehanna Securities	3
FNA	PARAGON 28, INC.	FNA	No	NYSE	4:00	Wolverine Trading, LLC	3
GEHC	GE HEALTHCARE TECHNOLOGIES INC.	GEHC	No	NASDAQ	4:00	Wolverine Trading, LLC	4
GNS	GENIUS GROUP LIMITED	GNS	No	AMEX	4:00	Wolverine Trading, LLC	4
HFFG	HF FOODS GROUP, INC.	HFFG	No	NASDAQ	4:00	Citadel Securities, LLC	4
INZY	INOZYME PHARMA, INC.	INZY	No	NASDAQ	4:00	Susquehanna Securities	5
JEPQ	J.P. MORGAN NASDAQ EQUITY PREMIUM INCOME ETF	JEPQ	No	NASDAQ	4:00	Citadel Securities, LLC	5
MMS	MAXIMUS, INC.	MMS	No	NYSE	4:00	Citadel Securities, LLC	6
MREO	MEREO BIOPHARMA GROUP PLC	MREO	No	NASDAQ	4:00	Susquehanna Securities	6
NAK	Northern Dynasty Minerals Ltd.	NAK	Yes	AMEX	4:00	Citadel Securities, LLC	6
ONEW	ONEWATER MARINE INC	ONEW	No	NASDAQ	4:00	Citadel Securities, LLC	7
PESI	Perma-Fix Environmental Services, Inc.	PESI	No	NASDAQ	4:00	Citadel Securities, LLC	7
RAIN	Rain Oncology Inc.	RAIN	No	NASDAQ	4:00	Citadel Securities, LLC	7
RGS	REGIS CORP.	RGS	No	NYSE	4:00	Wolverine Trading, LLC	7

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TSVT	2SEVENTY BIO, INC.	TSVT	No	NASDAQ	4:00	Citadel Securities, LLC	8
VTGN	VISTAGEN THERAPEUTICS, INC.	VTGN	No	NASDAQ	4:00	Susquehanna Securities	9
WSO	WATSCO INC	WSO	No	NYSE	4:00	Susquehanna Securities	10
WULF	TERAWULF INC.	WULF	No	NASDAQ	4:00	Susquehanna Securities	10
ZIMV	ZIMVIE INC.	ZIMV	No	NASDAQ	4:00	Wolverine Trading, LLC	11

Please contact MIAX Options Listings with any questions.

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