

The option classes listed below will begin trading on the MIAX Emerald Options Exchange at the start of trading on **Wednesday, May 10, 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 Time	PLMM	Cloud
ACDC	ProFrac Holding Corporation	ACDC	No	NASDAQ	4:00	Susquehanna Securities	1
ALTG	ALTA EQUIPMENT GROUP INC	ALTG	No	NYSE	4:00	Citadel Securities, LLC	1
ARVL	Arrival	ARVL	No	NASDAQ	4:00	Wolverine Trading, LLC	1
BAM	BROOKFIELD ASSET MANAGEMENT LTD.	BAM	No	NYSE	4:00	Citadel Securities, LLC	2
BOH	Bank of Hawaii Corp.	BOH	No	NYSE	4:00	Susquehanna Securities	2
COLB	Columbia Banking System, Inc.	COLB	No	NASDAQ	4:00	Wolverine Trading, LLC	2
CPSS	Consumer Portfolio Services Inc.	CPSS	No	NASDAQ	4:00	Citadel Securities, LLC	2
CR	Crane Holdings, Co.	CR	No	NYSE	4:00	Susquehanna Securities	2
DSEY	DIVERSEY HOLDINGSLTD	DSEY	No	NASDAQ	4:00	Susquehanna Securities	3
EGBN	Eagle Bancorp Inc.	EGBN	No	NASDAQ	4:00	Wolverine Trading, LLC	3
ENFN	ENFUSION, INC.	ENFN	No	NYSE	4:00	Wolverine Trading, LLC	3
FFWM	FIRST FOUNDATION, INC.	FFWM	No	NASDAQ	4:00	Citadel Securities, LLC	3
GBIO	GENERATION BIO CO.	GBIO	No	NASDAQ	4:00	Susquehanna Securities	4
HBNC	Horizon Bancorp, Inc.	HBNC	No	NASDAQ	4:00	Citadel Securities, LLC	4
HGEN	HUMANIGEN INC	HGEN	No	NASDAQ	4:00	Susquehanna Securities	4
HRT	HIRERIGHT HOLDINGSCORP	HRT	No	NYSE	4:00	Citadel Securities, LLC	4
HSKA	HESKA CORPORATION	HSKA	No	NASDAQ	4:00	Susquehanna Securities	4
ITM	VanEck Intermediate Muni ETF	ITM	No	BATS	4:00	Citadel Securities, LLC	5
JAKK	JAKKS PACIFIC, INC.	JAKK	No	NASDAQ	4:00	Wolverine Trading, LLC	5
MCB	METROPOLITAN BANK HOLDING CORP.	MCB	No	NYSE	4:00	Wolverine Trading, LLC	6
MYRG	MYR Group Inc.	MYRG	No	NASDAQ	4:00	Wolverine Trading, LLC	6

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NVDS	AXS 1.25X NVDA BEAR DAILY ETF	NVDS	No	NASDAQ	4:00	Citadel Securities, LLC	6
NXT	NEXTRACKER INC.	NXT	No	NASDAQ	4:00	Wolverine Trading, LLC	6
OCFC	Oceanfirst Financial Corp.	OCFC	No	NASDAQ	4:00	Citadel Securities, LLC	7
PB	Prosperity Bancshares, Inc.	PB	No	NYSE	4:00	Susquehanna Securities	7
SGEN	Seagen Inc.	SGEN	No	NASDAQ	4:00	Susquehanna Securities	8
SSTI	SoundThinking, Inc.	SSTI	No	NASDAQ	4:00	Susquehanna Securities	8
TECK	Teck Resources LTD	TECK	Yes	NYSE	4:00	Wolverine Trading, LLC	8
USAU	U.S. GOLD CORP.	USAU	No	NASDAQ	4:00	Susquehanna Securities	9
VERX	VERTEX, INC.	VERX	No	NASDAQ	4:00	Wolverine Trading, LLC	9
VGZ	Vista Gold Corp.	VGZ	No	AMEX	4:00	Susquehanna Securities	9

Please contact MIAX Options Listings with any questions.

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