

**MIAX Options Exchange Regulatory Circular 2022-83**  
**MIAX Pearl Options Exchange Regulatory Circular 2022-71**  
**MIAX Emerald Options Exchange Regulatory Circular 2022-77**

**DATE:** December 30, 2022  
**TO:** MIAX Exchange Members  
**FROM:** MIAX Regulatory Department  
**RE:** New Option Classes Included in the MIAX Penny Interval Program Effective January 3, 2023

Pursuant to MIAX Options Rule 510(c), MIAX Pearl Rule 510(c), and MIAX Emerald Rule 510(b), MIAX Options, MIAX Pearl Options, and MIAX Emerald Options will add the following symbols to the Penny Interval Program (“Penny Program”) effective Tuesday, January 3, 2023.

SECURITY SYMBOL	SECURITY NAME
APRN	Blue Apron Holdings, Inc. Class A Common Stock
AR	Antero Resources Corporation
BKLN	Invesco Senior Loan ETF
BTU	Peabody Energy Corporation
CANO	Cano Health, Inc.
CLAR	Clarus Corporation Common Stock
CS	Credit Suisse Group
CVNA	Carvana Co.
DISH	DISH Network Corp.
EQT	EQT Corp
EWC	iShares MSCI Canada ETF
EWG	iShares MSCI Germany ETF
FEZ	SPDR EURO STOXX 50 ETF
LABU	Direxion Daily S&P Biotech Bull 3X Shares
MDB	MongoDB, Inc. Class A
MPW	Medical Properties Trust, Inc.
MSOS	AdvisorShares Pure US Cannabis ETF
MSTR	MicroStrategy Inc
MULN	Mullen Automotive, Inc. Common Stock

SECURITY SYMBOL	SECURITY NAME
NCR	NCR Corporation
NU	Nu Holdings Ltd.
ON	ON Semiconductor Corp
PANW	Palo Alto Networks, Inc. Common Stock
SIRI	Sirius XM Holdings, Inc
SNOW	Snowflake Inc.
SU	Suncor Energy, Inc.
TELL	Tellurian Inc.
TIP	iShares TIPS Bond ETF
VERU	Veru Inc.
VIXY	ProShares VIX Short-Term Futures ETF
VRM	Vroom, Inc.
VTNR	Vertex Energy, Inc
W	Wayfair Inc.
XHB	SPDR S&P Homebuilders ETF
ZIM	ZIM Integrated Shipping Services Ltd.

Refer to the links below for the current list of symbols in the Penny Program:

- [MIAX Options Penny Program](#)
- [MIAX Pearl Options Penny Program](#)
- [MIAX Emerald Options Penny Program](#)

Please direct questions to the Regulatory Department at [Regulatory@MIAXOptions.com](mailto:Regulatory@MIAXOptions.com) or (609) 897-7309.