

MIAX Sapphire Options Exchange Regulatory Circular 2024-43

DATE: September 6, 2024

TO: MIAX Exchange Members

FROM: MIAX Regulatory Department

RE: MIAX Sapphire Options Penny Interval Program

Pursuant to MIAX Sapphire Options Rule 510(c) the following symbols will be included in the Penny Interval Program (“Penny Program”) beginning September 9, 2024:

| SECURITY SYMBOL | SECURITY NAME |
|-----------------|----------------------------------|
| AAP | ADVANCE AUTO PARTS INC. |
| AAPL | APPLE INC. |
| ABBV | ABBVIE INC. |
| ABNB | AIRBNB, INC. |
| ABT | ABBOTT LABORATORIES |
| ACB | AURORA CANNABIS INC. |
| ADBE | ADOBE SYSTEMS INC. |
| AEO | AMERICAN EAGLE OUTFITTERS, INC. |
| AFRM | AFFIRM HOLDINGS, INC. |
| AG | FIRST MAJESTIC SILVER CORP |
| AGNC | AGNC INVESTMENT CORP. |
| AI | C3.AI, INC. |
| ALB | ALBEMARLE CORPORATION |
| AMAT | APPLIED MATERIALS, INC. |
| AMC | AMC ENTERTAINMENT HOLDINGS, INC. |
| AMD | ADVANCED MICRO DEVICES, INC. |
| AMGN | AMGEN INC. |
| AMZN | AMAZON.COM INC. |
| APA | APACHE CORPORATION |
| AR | ANTERO RESOURCES CORPORATION |
| ARKK | ARK INNOVATION ETF |

| SECURITY SYMBOL | SECURITY NAME |
|-----------------|---|
| ARM | ARM HOLDINGS |
| ASHR | DEUTSCHE X-TRACKERS HARVEST CSI 300 CHINA A SHARES ETF |
| AVGO | BROADCOM INC. |
| AXP | AMERICAN EXPRESS COMPANY |
| AZN | ASTRAZENECA |
| BB | BLACKBERRY LIMITED |
| BBY | BEST BUY COMPANY, INC. |
| BEKE | E HOLDINGS INC |
| BHC | BAUSCH HEALTH COMPANIES INC. |
| BIDU | BAIDU, INC. |
| BILI | BILIBILI INC. |
| BITO | PROSHARES BITCOIN STRATEGY ETF |
| BKLN | POWERSHARES SENIOR LOAN (ETF) |
| BLNK | BLINK CHARING CO |
| BMY | BRISTOL-MYERS SQUIBB COMPANY |
| BOIL | PROSHARES ULTRA DJ-UBS NATURAL GAS |
| BP | BP PLC |
| BRKB | BERKSHIRE HATHAWAY INC. |
| BTU | PEABODY ENERGY CORPORATION |
| BX | THE BLACKSTONE GROUP LP |
| BYND | BEYOND MEAT, INC. |
| CAT | CATERPILLAR INC. |
| CCJ | CAMECO CORPORATION |
| CCL | CARNIVAL CORPORATION |
| CELH | CELSIUS HOLDINGS, INC. |
| CGC | CANOPY GROWTH CORPORATION |
| CHPT | CHARGEPOINT HOLDINGS, INC. |
| CHWY | CHEWY, INC. |
| CLF | CLIFFS NATURAL RESOURCES INC. |
| CLOV | CLOVER HEALTH INVESTMENTS, CORPORATION |
| CLSK | CLEANSARK, INC. |
| CMCSA | COMCAST CORPORATION |
| COIN | COINBASE GLOBAL, INC. |
| COP | CONOCOPHILLIPS |

| SECURITY SYMBOL | SECURITY NAME |
|-----------------|---|
| COST | COSTCO WHOLESALE CORPORATION |
| CPNG | COUPANG INC |
| CRM | SALESFORCE.COM, INC |
| CRWD | CROWDSTRIKE HOLDINGS, INC. |
| CSCO | CISCO SYSTEMS, INC. |
| CVNA | CARVANA CO. |
| CVS | CVS CAREMARK CORPORATION |
| CVX | CHEVRON CORPORATION |
| CZR | CAESARS ENTERTAINMENT CORPORATION |
| DAL | DELTA AIR LINES INC. |
| DASH | DOORDASH, INC. |
| DDOG | DATADOG INC |
| DE | DEERE & COMPANY |
| DELL | DELL TECHNOLOGIES, INC. |
| DG | DOLLAR GENERAL CORPORATION |
| DIA | SPDR DOW JONES INDUSTRIAL AVERAGE |
| DIS | THE WALT DISNEY COMPANY |
| DJT | TRUMP MEDIA & TECHNOLOGY GROUP CORP. |
| DKNG | DRAFTKINGS INC. |
| DLTR | DOLLAR TREE, INC. |
| DOCU | DOCUSIGN INC. |
| DOW | DOW INC. |
| DVN | DEVON ENERGY CORPORATION |
| EBAY | EBAY INC. |
| EEM | ISHARES MSCI EMERGING MARKETS INDEX |
| EFA | ISHARES MSCI EAFE INDEX |
| EMB | ISHARES J.P. MORGAN USD EMERGING MARKETS BOND ETF |
| ENPH | ENPHASE ENERGY INC. |
| ENVX | ENOVIX CORPORATION |
| EOSE | EOS ENERGY ENTERPRISES, INC. |
| EPD | ENTERPRISE PRODUCTS PARTNERS L.P. |
| EQT | EQT CORPORATION |

| SECURITY SYMBOL | SECURITY NAME |
|-----------------|--|
| ET | ENERGY TRANSFER LP |
| ETSY | ETSY, INC. |
| EWZ | ISHARES MSCI BRAZIL CAPPED INDEX |
| EXPE | EXPEDIA INC. |
| FCEL | FUELCELL ENERGY, INC. |
| FCX | FREEMPORT-MCMORAN COPPER & GOLD INC. |
| FDX | FEDEX CORPORATION |
| FFIE | FARADAY FUTURE INTELLIGENT ELECTRIC INC. |
| FSLR | FIRST SOLAR, INC. |
| FSLY | FASTLY, INC. |
| FTNT | FORTINET INC. |
| FUBO | FUBOTV INC. |
| FUTU | FUTU HOLDINGS LIMITED |
| FXI | ISHARES FTSE CHINA 25 INDEX FUND |
| GAP | GAP, INC |
| GDX | MARKET VECTORS GOLD MINERS ETF |
| GDXJ | VANECK VECTORS JUNIOR GOLD MINERS ETF |
| GE | GE AEROSPACE |
| GILD | GILEAD SCIENCES INC. |
| GLD | SPDR GOLD TRUST |
| GM | GENERAL MOTORS COMPANY |
| GME | GAMESTOP CORPORATION |
| GOEV | CANOO INC. |
| GOLD | BARRICK GOLD CORPORATION |
| GOOG | ALPHABET INC. CLASS C |
| GOOGL | ALPHABET INC. CLASS A |
| GS | THE GOLDMAN SACHS GROUP, INC. |
| HAL | HALLIBURTON COMPANY |
| HD | THE HOME DEPOT, INC. |
| HE | HAWAIIAN ELECTRIC INDUSTRIES INC. |
| HL | HECLA MINING COMPANY |
| HOOD | ROBINHOOD MARKETS, INC. |
| HPQ | HP INC. |

| SECURITY SYMBOL | SECURITY NAME |
|-----------------|--|
| HUT | HUT 8 MINING CORP |
| HYG | ISHARES IBOXX \$ HIGH YIELD CORPORATE BOND |
| IEF | ISHARES 7 -10 YEAR TREASURY BOND ETF |
| INTC | INTEL CORPORATION |
| IONQ | IONQ, INC |
| IQ | IQIYI, INC. |
| IYR | ISHARES DOW JONES US REAL ESTATE |
| JBLU | JETBLUE AIRWAYS CORPORATI |
| JD | JD.COM, INC. |
| JETS | US GLOBAL JETS ETF |
| JNJ | JOHNSON & JOHNSON |
| JPM | JPMORGAN CHASE & COMPANY |
| KEY | KEYCORP |
| KGC | KINROSS GOLD CORPORATION |
| KHC | THE KRAFT HEINZ COMPANY |
| KMI | KINDER MORGAN, INC. |
| KO | THE COCA-COLA COMPANY |
| KR | THE KROGER COMPANY |
| KRE | SPDR S&P REGIONAL BANKING ETF |
| KSS | KOHL'S CORPORATION |
| KVUE | KENVUE INC. |
| KWEB | KRANESHARES CSI CHINA INTERNET ETF |
| LABU | DIREXION DAILY S&P BIOTECH BULL 3X ETF |
| LAZR | LUMINAR TECHNOLOGIES INC |
| LCID | LUCID GROUP, INC. (LCID) |
| LI | LI AUTO INC. |
| LLY | ELI LILLY AND COMPANY |
| LOW | LOWE'S COMPANIES INC. |
| LQD | ISHARES IBOXX \$ INVST GRADE CRP BOND |
| LRCX | LAM RESEARCH CORPORATION |
| LULU | LULULEMON ATHLETICA INC. |
| LUMN | CENTURYLINK, INC. |

| SECURITY SYMBOL | SECURITY NAME |
|-----------------|-------------------------------------|
| LUV | SOUTHWEST AIRLINES COMPANY |
| LVS | LAS VEGAS SANDS CORPORATION |
| LYFT | LYFT, INC. |
| MARA | MARATHON PATENT GROUP, INC. |
| MCD | MCDONALD'S CORPORATION |
| MDB | MONGODB, INC. |
| MDT | MEDTRONIC, INC. |
| META | META PLATFORMS, INC. |
| MGM | MGM RESORTS INTERNATIONAL |
| MMM | 3M COMPANY |
| MO | ALTRIA GROUP INC. |
| MOS | THE MOSAIC COMPANY |
| MPC | MARATHON PETROLEUM CORPORATION |
| MPW | MEDICAL PROPERTIES TRUST INC |
| MRK | MERCK & COMPANY INC. |
| MRNA | MODERNA, INC. |
| MRO | MARATHON OIL CORPORATION |
| MRVL | MARVELL TECHNOLOGY GROUP LTD. |
| MS | MORGAN STANLEY |
| MSFT | MICROSOFT CORPORATION |
| MSOS | ADVISOR SHARES PURE US CANNABIS |
| MSTR | MICROSTRATEGY, INC |
| MTCH | MATCH GROUP, INC. |
| MU | MICRON TECHNOLOGY INC. |
| NCLH | NORWEGIAN CRUISE LINE HOLDINGS LTD. |
| NEE | NEXTERA ENERGY, INC. |
| NEM | NEWMONT MINING CORPORATION |
| NET | CLOUDFLARE, INC. |
| NFLX | NETFLIX, INC. |
| NIO | NIO INC. |
| NKE | NIKE INC. |
| NKLA | NIKOLA CORPORATION |
| NLY | ANNALY CAPITAL MANAGEMENT, INC. |
| NOK | NOKIA CORPORATION |

| SECURITY SYMBOL | SECURITY NAME |
|-----------------|-----------------------------------|
| NU | NU HOLDINGS LTD. |
| NVAX | NOVAVAX, INC |
| NVDA | NVIDIA CORPORATION |
| NVO | NOVO NORDISK |
| OKTA | OKTA, INC. |
| ON | ON SEMICONDUCTOR CORPORATION |
| ONON | ON HOLDING AG |
| OPEN | OPENDOOR TECHNOLOGIES INC. |
| ORCL | ORACLE CORPORATION |
| OXY | OCCIDENTAL PETROLEUM CORPORATION |
| PANW | PALO ALTO NETWORKS INC |
| PARA | PARAMOUNT GLOBAL CLASS B |
| PATH | UIPATH INC |
| PBR | PETROLEO BRASILEIRO PETROBRAS SA |
| PCG | PG & E CORP |
| PDD | PINDUODUO INC. |
| PENN | PENN NATIONAL GAMING INC |
| PEP | PEPSICO, INC. |
| PFE | PFIZER INC. |
| PG | PROCTER & GAMBLE COMPANY |
| PINS | PINTEREST, INC. |
| PLTR | PALANTIR TECHNOLOGIES INC. |
| PLUG | PLUG POWER INC |
| PTON | PELTON INTERACTIVE, INC. |
| QS | QUANTUMSCAPE CORPORATION |
| RBLX | ROBLOX CORPORATION |
| RCL | ROYAL CARIBBEAN CRUISES LTD. |
| RDDT | REDDIT, INC. |
| RIG | TRANSOCEAN LTD. |
| RIOT | RIOT BLOCKCHAIN, INC. |
| RIVN | RIVIAN AUTOMOTIVE, INC. |
| ROKU | ROKU, INC. |
| RTX | RAYTHEON TECHNOLOGIES CORPORATION |
| RUN | SUNRUN INC. |

| SECURITY SYMBOL | SECURITY NAME |
|-----------------|---|
| SAVA | CASSAVA SCIENCES INC |
| SAVE | SPIRIT AIRLINES, INC. |
| SBUX | STARBUCKS CORPORATION |
| SCHW | THE CHARLES SCHWAB CORPORATION |
| SE | SEA LIMITED |
| SEDG | SOLAREEDGE TECHNOLOGIES, INC. |
| SHOP | SHOPIFY INC. |
| SIRI | SIRIUS XM RADIO INC. |
| SLB | SCHLUMBERGER LIMITED |
| SLV | ISHARES SILVER TRUST |
| SMH | MARKET VECTORS SEMICONDUCTOR ETF |
| SNDL | SNDL INC |
| SNOW | SNOWFLAKE INC. |
| SOFI | SOFI TECHNOLOGIES, INC. |
| SOUN | SOUNDHOUND AI, INC |
| SOXL | DIREXION DAILY SEMICONDUCTOR BULL 3X ETF |
| SOXS | DIREXION DAILY SEMICONDUCTOR BEAR 3X ETF |
| SPCE | VIRGIN GALACTIC HOLDINGS, INC. |
| SPOT | SPOTIFY TECHNOLOGY S.A. |
| SPXS | DIREXION DAILY S&P 500 BEAR 3X SHARES (1:5 REVERSE |
| SQ | SQUARE, INC. |
| SQQQ | PROSHARES ULTRAPRO SHORT QQQ |
| SU | SUNCOR ENERGY INC. |
| TDOC | TELADOC, INC. |
| TECK | TECK RESOURCES LIMITED |
| TEVA | TEVA PHARMACEUTICAL INDUSTRIES LIMITED |
| TFC | TRUIST FINANCIAL CORPORATION |
| TGT | TARGET CORPORATION |
| TJX | THE TJX COMPANIES, INC. |
| TLRY | TILRAY, INC. |
| TLT | ISHARES 20+ YEAR TREASURY BOND ETF |

| SECURITY SYMBOL | SECURITY NAME |
|-----------------|--|
| TMF | DIREXION DAILY 20+ YR TRSY BULL 3X ETF |
| TMUS | T-MOBILE US, INC. |
| TNA | DIREXION DAILY SMALL CAP BULL 3X SHARES |
| TOST | TOAST, INC |
| TQQQ | PROSHARES ULTRA PRO QQQ |
| TSLA | TESLA MOTORS, INC. |
| TSLL | DIREXION DAILY TSLA BULL 1.5X SHARES |
| TSM | TAIWAN SEMICONDUCTOR MFG. CO. |
| TTD | THE TRADE DESK, INC. |
| TTWO | TAKE-TWO INTERACTIVE |
| TUP | TUPPERWARE BRANDS CORP |
| TWLO | TWILIO, INC. |
| TXN | TEXAS INSTRUMENTS INC. |
| TZA | DIREXION DAILY SMALL CAP BEAR 3X SHARES |
| UAL | UNITED CONTINENTAL HOLDINGS, INC. |
| UBER | UBER TECHNOLOGIES, INC. |
| UNG | UNITED STATES NATURAL GAS |
| UNH | UNITEDHEALTH GROUP INCORPORATED |
| UPS | UNITED PARCEL SERVICE, INC. |
| UPST | UPSTART HOLDINGS, INC. |
| USB | U.S. BANCORP |
| USO | UNITED STATES OIL FUND |
| UVIX | 2X LONG VIX FUTURES ETF |
| UVXY | PROSHARES ULTRA VIX SHORT-TERM FUT ETF |
| VALE | VALE S.A. |
| VFC | VF CORPORATION |
| VFS | VINFAST AUTO LTD. |
| VLO | VALERO ENERGY CORPORATION |
| VOD | VODAFONE GROUP PUBLIC LIMITED COMPANY |

| SECURITY SYMBOL | SECURITY NAME |
|-----------------|---|
| VXX | IPATH SERIES B S&P 500 VIX SHORT-TERM FUTURES ETN |
| VZ | VERIZON COMMUNICATIONS INC. |
| WBA | WALGREENS BOOTS ALLIANCE, INC., |
| WBD | WARNER BROS. DISCOVERY, INC. |
| WDC | WESTERN DIGITAL CORPORATION |
| WMT | WAL-MART INC. |
| WYNN | WYNN RESORTS LTD. |
| XBI | SPDR S&P BIOTECH ETF |
| XHB | SPDR S&P HOMEBUILDERS |
| XLE | ENERGY SELECT SECTOR SPDR |
| XLF | FINANCIAL SELECT SECTOR SPDR |
| XLI | INDUSTRIAL SELECT SECTOR SPDR |
| XLK | TECHNOLOGY SELECT SECTOR SPDR |
| XLP | CONSUMER STAPLES SELECT SECTOR SPDR |
| XLU | UTILITIES SELECT SECTOR SPDR |
| XLV | HEALTH CARE SELECT SECTOR SPDR |
| XLY | CONSUMER DISCRETIONARY SELECT SPDR |
| XOM | EXXON MOBIL CORPORATION |
| XOP | SPDR S&P OIL & GAS EXPLORATION & PROD |
| XPEV | XPENG, INC. ADR CLASS A |
| XRT | SPDR S&P RETAIL |
| ZM | ZOOM VIDEO COMMUNICATIONS. INC. |
| ZS | ZSCALER, INC. |

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

[MIAX Sapphire Options Penny Program | MIAX \(miaxglobal.com\)](https://miaxglobal.com)

Please direct questions to the Regulatory Department at Regulatory@miaxglobal.com or (609) 897-7309.