



DATE: September 17, 2019

TO: MIAX Exchange Members

FROM: MIAX Exchange Regulatory Department

RE: Market for Underlying Security Used for Openings on MIAX Options, MIAX PEARL and MIAX Emerald for Newly Listed Option Classes Effective Wednesday, September 18, 2019

The following symbols will start trading on MIAX Options, MIAX PEARL and MIAX Emerald beginning Wednesday, September 18, 2019. As set forth in MIAX Options Rule 503(d), MIAX PEARL Rule 503(a)(3) and MIAX Emerald Rule 503(d), each Exchange shall use the exchange identified below as the “market for the underlying security” for purpose of Openings on the Exchange.

UNDERLYING SYMBOL	SECURITY NAME	OPTION SYMBOL	EXCHANGE FOR OPENING
ACCO	ACCO Brands Corp.	ACCO	NYSE
AM	Antero Midstream Partners LP	AM	NYSE
AMZA	InfraCap MLP ETF	AMZA	NYSE ARCA
APPN	Appian Corporation	APPN	NASDAQ
ARLO	Arlo Technologies, Inc.	ARLO	NYSE
ATNX	Athenex, Inc.	ATNX	NASDAQ
AVLR	Avalara, Inc.	AVLR	NYSE
AVYA	Avaya Holdings Corp.	AVYA	NYSE
AXSM	Axsome Therapeutics, Inc.	AXSM	NASDAQ
BE	Bloom Energy Corporation	BE	NYSE
BIL	SPDR Bloomberg Barclays 1-3 Month T-Bill ETF	BIL	NYSE ARCA
BOOM	Dynamic Materials Corporation	BOOM	NASDAQ
BSGM	BioSig Technologies, Inc.	BSGM	NASDAQ
CADE	Cadence Bancorporation	CADE	NYSE
CECE	CECO Environmental Corp.	CECE	NASDAQ
CISN	Cision Ltd.	CISN	NYSE
CNTY	Century Casinos, Inc.	CNTY	NASDAQ
CTST	CannTrust Holdings, Inc.	CTST	NYSE
CTVA	Corteva, Inc.	CTVA	NYSE
CVET	Covetrus, Inc.	CVET	NASDAQ
CVM	CEL-SCI Corporation	CVM	AMEX
DCPH	Deciphera Pharmaceuticals, Inc.	DCPH	NASDAQ



DMRC	Digimarc Corporation	DMRC	NASDAQ
DOMO	Domo, Inc.	DOMO	NASDAQ
DOVA	Dova Pharmaceuticals, Inc.	DOVA	NASDAQ
EB	Eventbrite, Inc.	EB	NYSE
ELAN	Elanco Animal Health Incorporated	ELAN	NYSE
EMLC	Market Vectors Emerging Mkts Local Currency Bd ETF	EMLC	NYSE ARCA
EOLS	Evolus, Inc.	EOLS	NASDAQ
ESTC	Elastic N.V.	ESTC	NYSE
EYE	National Vision Holdings, Inc.	EYE	NASDAQ
FDP	Fresh Del Monte Produce, Inc.	FDP	NYSE
FI	Frank's International N.V.	FI	NYSE
FNKO	Funko, Inc.	FNKO	NASDAQ
FSK	FS KKR Capital Corp.	FSK	NYSE
FSLY	Fastly, Inc.	FSLY	NYSE
FTCH	Farfetch Limited	FTCH	NYSE
GH	Guardant Health, Inc.	GH	NASDAQ
GMS	GMS, Inc.	GMS	NYSE
HEI	HEICO Corporation (125 shares)	HEI	NYSE
HEXO	HEXO Corp.	HEXO	NYSE
IIPR	Innovative Industrial Properties, Inc.	IIPR	NYSE
JMIA	Jumia Technologies AG	JMIA	NYSE
LAUR	Laureate Education, Inc.	LAUR	NASDAQ
LGFA	Lions Gate Entertainment Corp.	LGFA	NYSE
LK	Luckin Coffee, Inc.	LK	NASDAQ
LTHM	Livent Corporation	LTHM	NYSE
MAXR	Maxar Technologies, Inc.	MAXR	NYSE
MDGL	Madrigal Pharmaceuticals, Inc.	MDGL	NASDAQ
MGLN	Magellan Health Services, Inc.	MGLN	NASDAQ
MGNX	MacroGenics, Inc.	MGNX	NASDAQ
MMSI	Merit Medical Systems, Inc.	MMSI	NASDAQ
MRKR	Marker Therapeutics, Inc.	MRKR	NASDAQ
MRNA	Moderna, Inc.	MRNA	NASDAQ
NEO	NeoGenomics, Inc.	NEO	NASDAQ
NERV	Minerva Neurosciences, Inc.	NERV	NASDAQ
NICE	NICE- SYSTEMS LTD, ADS	NICE	NASDAQ
NR	Newpark Resources, Inc.	NR	NYSE
NVT	nVent Electric plc	NVT	NYSE
OILU	ProShares UltraPro 3x Crude Oil ETF	OILU	NYSE ARCA
ONB	Old National Bancorp	ONB	NASDAQ
ONCE	Spark Therapeutics, Inc.	ONCE	NASDAQ
PAM	Pampa Energía S.A.	PAM	NYSE
PAYS	PaySign, Inc.	PAYS	NASDAQ
PCTY	Paylocity Holding Corporation	PCTY	NASDAQ



PD	PagerDuty, Inc.	PD	NYSE
PLAN	Anaplan, Inc.	PLAN	NYSE
PLT	Plantronics, Inc.	PLT	NYSE
PS	Pluralsight, Inc.	PS	NASDAQ
PSN	Parsons Corporation	PSN	NYSE
QTT	Qutoutiao, Inc.	QTT	NASDAQ
RVLV	Revolve Group, Inc.	RVLV	NYSE
SDC	SmileDirectClub, Inc.	SDC	NASDAQ
SDRL	Seadrill Limited	SDRL	NYSE
SKY	Skyline Champion Corporation	SKY	NYSE
SMAR	Smartsheet, Inc.	SMAR	NYSE
SRDX	Surmodics, Inc.	SRDX	NASDAQ
STI	Suntrust Banks, Inc.	STI	NYSE
STNE	StoneCo Ltd.	STNE	NASDAQ
SVMK	SVMK, Inc.	SVMK	NASDAQ
SVRA	Savara, Inc.	SVRA	NASDAQ
TAK	Takeda Pharmaceutical Company Limited	TAK	NYSE
TEUM	Pareteum Corporation	TEUM	NASDAQ
TLRA	Telaria, Inc.	TLRA	NYSE
TME	Tencent Music Entertainment Group	TME	NYSE
TOCA	Tocagen, Inc.	TOCA	NASDAQ
TYPE	Monotype Imaging Holdings, Inc.	TYPE	NASDAQ
UPLD	Upland Software, Inc.	UPLD	NASDAQ
UPWK	Upwork, Inc.	UPWK	NASDAQ
VEDL	Vedanta Limited	VEDL	NYSE
VFF	Village Farms International, Inc.	VFF	NASDAQ
VICI	VICI Properties, Inc.	VICI	NYSE
YETI	YETI Holdings, Inc.	YETI	NYSE

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