



DATE: June 23, 2017

TO: MIAX Options Members

FROM: MIAX Options Regulatory Department

RE: Market for Underlying Security Used for Openings on MIAX Options for Newly Listed Option Classes Effective June 26, 2017

The following symbols will start trading on MIAX Options beginning Monday, June 26, 2017, and, as set forth in MIAX Options Rule 503, Openings on the Exchange, section (d), MIAX Options shall use the exchange identified below as the “market for the underlying security” for purposes of Openings on the Exchange.

Option Symbol	Security Name	Underlying Symbol	Exchange for Opening
AAXJ	iShares MSCI All Country Asia ex Japan ETF	AAXJ	NASDAQ
ABR	Arbor Realty Trust, Inc.	ABR	NYSE
ACIA	Acacia Communications, Inc.	ACIA	NASDAQ
ADNT	Adient plc	ADNT	NYSE
AEIS	Advanced Energy Industries, Inc.	AEIS	NASDAQ
AFMD	Affimed N.V.	AFMD	NASDAQ
AGG	iShares Core U.S. Aggregate Bond ETF	AGG	NYSE ARCA
AKAO	Achaogen, Inc.	AKAO	NASDAQ
ALR	Alere Inc.	ALR	NYSE
AMH	American Homes 4 Rent	AMH	NYSE
ANGI	Angie's List, Inc.	ANGI	NASDAQ
APLE	Apple Hospitality REIT, Inc.	APLE	NYSE
AQMS	Aqua Metals, Inc.	AQMS	NASDAQ
ARCH	Arch Coal, Inc.	ARCH	NYSE
ARES	Ares Management, L.P.	ARES	NYSE
ARI	Apollo Commercial Real Estate Finance, Inc.	ARI	NYSE
ARTX	Arotech Corporation	ARTX	NASDAQ
ASHS	Deutsche X-trackers Harvest CSI 500 China A-Shares Small Cap ETF	ASHS	NYSE ARCA
ASIX	AdvanSix, Inc.	ASIX	NYSE
ATH	Athene Holding Ltd.	ATH	NYSE

ATHN	athenahealth, Inc.	ATHN	NASDAQ
AUPH	Aurinia Pharmaceuticals, Inc.	AUPH	NASDAQ
AVXS	AveXis, Inc.	AVXS	NASDAQ
AXTI	AXT, Inc.	AXTI	NASDAQ
BCLI	Brainstorm Cell Therapeutics, Inc.	BCLI	NASDAQ
BCPC	Balchem Corporation	BCPC	NASDAQ
BIO	Bio-Rad Laboratories, Inc.	BIO	NYSE
BIVV	Bioverativ, Inc.	BIVV	NASDAQ
BMCH	BMC Stock Holdings, Inc.	BMCH	NASDAQ
BRCD	Brocade Communications Systems, Inc.	BRCD	NASDAQ
BRKS	Brooks Automation, Inc.	BRKS	NASDAQ
BW	Babcock & Wilcox Enterprises, Inc.	BW	NYSE
BWEN	Broadwind Energy, Inc.	BWEN	NASDAQ
CAB	Cabela's, Inc.	CAB	NYSE
CAI	CAI International, Inc.	CAI	NYSE
CARB	Carbonite, Inc.	CARB	NASDAQ
CCS	Century Communities, Inc.	CCS	NYSE
CDEV	Centennial Resource Development, Inc.	CDEV	NASDAQ
CHE	Chemed Corporation	CHE	NYSE
CLDT	Chatham Lodging Trust	CLDT	NYSE
CNCE	Concert Pharmaceuticals, Inc.	CNCE	NASDAQ
CNDT	Conduent, Inc.	CNDT	NYSE
CODI	Compass Diversified Holdings LLC	CODI	NYSE
COHR	Coherent, Inc.	COHR	NASDAQ
COHU	Cohu, Inc.	COHU	NASDAQ
COUP	Coupa Software, Inc.	COUP	NASDAQ
COWN	Cowen Group, Inc.	COWN	NASDAQ
CPLA	Capella Education Company	CPLA	NASDAQ
CRESY	Cresud Sociedad Anónima Comercial, Inmobiliaria, Financiera y Agropecuaria	CRESY	NASDAQ
CSV	Carriage Services, Inc.	CSV	NYSE
CXDC	China XD Plastics Company Limited	CXDC	NASDAQ
DDC	Dominion Diamond Corporation	DDC	NYSE
DNO	United States Short Oil Fund, L.P.	DNO	NYSE ARCA
EDIT	Editas Medicine, Inc.	EDIT	NASDAQ
EFII	Electronics for Imaging, Inc.	EFII	NASDAQ
ELF	e.l.f. Beauty, Inc.	ELF	NYSE
ELOS	Syneron Medical Ltd.	ELOS	NASDAQ

EMB	iShares J.P. Morgan USD Emerging Markets Bond ETF	EMB	NYSE ARCA
ESNT	Essent Group Ltd.	ESNT	NYSE
ETH	Ethan Allen Interiors, Inc.	ETH	NYSE
ETM	Entercom Communications Corp.	ETM	NYSE
EVRI	Everi Holdings Inc.	EVRI	NYSE
FCH	FelCor Lodging Trust Incorporated	FCH	NYSE
FELP	Foresight Energy L.P.	FELP	NYSE
FIG	Fortress Investment Group LLC	FIG	NYSE
FOMX	Foamix Pharmaceuticals Ltd.	FOMX	NASDAQ
FOR	Forestar Group, Inc.	FOR	NYSE
FRAC	Keane Group, Inc.	FRAC	NYSE
FTAI	Fortress Transportation and Infrastructure Investors LLC	FTAI	NYSE
FULT	Fulton Financial Corporation	FULT	NASDAQ
GEN	Genesis Healthcare, Inc.	GEN	NYSE
GNCMA	General Communication, Inc.	GNCMA	NASDAQ
GOOD	Gladstone Commercial Corporation	GOOD	NASDAQ
GREK	Global X MSCI Greece ETF	GREK	NYSE ARCA
GTT	GTT Communications, Inc.	GTT	NYSE
HDSN	Hudson Technologies, Inc.	HDSN	NASDAQ
HK	Halcon Resources Corporation	HK	NYSE
HTGC	Hercules Capital, Inc.	HTGC	NYSE
HTHT	China Lodging Group, Ltd.	HTHT	NASDAQ
HUBG	Hub Group, Inc.	HUBG	NASDAQ
I	Intelsat S.A.	I	NYSE
IEX	IDEX Corporation	IEX	NYSE
INAP	Internap Corporation	INAP	NASDAQ
INT	World Fuel Services Corporation	INT	NYSE
INWK	InnerWorkings, Inc.	INWK	NASDAQ
JBT	John Bean Technologies Corporation	JBT	NYSE
KALU	Kaiser Aluminum Corporation	KALU	NASDAQ
KATE	Kate Spade & Company	KATE	NYSE
KNX	Knight Transportation, Inc.	KNX	NYSE
KRNY	Kearny Financial Corp.	KRNY	NASDAQ
LDL	Lydall, Inc.	LDL	NYSE
LECO	Lincoln Electric Holdings, Inc.	LECO	NASDAQ
LILA	LiLAC Group	LILA	NASDAQ
LNCE	Snyder's-Lance, Inc.	LNCE	NASDAQ

LNDC	Landec Corporation	LNDC	NASDAQ
LW	Lamb Weston Holdings, Inc.	LW	NYSE
MAG	MAG Silver Corp.	MAG	NYSE MKT
MASI	Masimo Corporation	MASI	NASDAQ
MBLY	Mobileye N.V.	MBLY	NYSE
MDP	Meredith Corporation	MDP	NYSE
MIND	Mitcham Industries, Inc.	MIND	NASDAQ
MITT	AG Mortgage Investment Trust, Inc.	MITT	NYSE
MRCY	Mercury Systems, Inc.	MRCY	NASDAQ
MSCI	MSCI, Inc.	MSCI	NYSE
MULE	MuleSoft, Inc.	MULE	NYSE
MUSA	Murphy USA, Inc.	MUSA	NYSE
MWA	Mueller Water Products, Inc.	MWA	NYSE
MZOR	Mazor Robotics Ltd.	MZOR	NASDAQ
NANO	Nanometrics Incorporated	NANO	NASDAQ
NCS	NCI Building Systems, Inc.	NCS	NYSE
NDRM	NeuroDerm Ltd.	NDRM	NASDAQ
NMFC	New Mountain Finance Corporation	NMFC	NYSE
NMIH	NMI Holdings, Inc.	NMIH	NASDAQ
NNBR	NN, Inc.	NNBR	NASDAQ
NSTG	NanoString Technologies, Inc.	NSTG	NASDAQ
NTLA	Intellia Therapeutics, Inc.	NTLA	NASDAQ
NTNX	Nutanix, Inc.	NTNX	NASDAQ
NTRP	Neurotrope, Inc.	NTRP	NASDAQ
NVMI	Nova Measuring Instruments Ltd.	NVMI	NASDAQ
NVTA	Invitae Corporation	NVTA	NYSE
NXPI	NXP Semiconductors N.V.	NXPI	NASDAQ
OPB	Opus Bank	OPB	NASDAQ
ORA	Ormat Technologies, Inc.	ORA	NYSE
ORC	Orchid Island Capital, Inc.	ORC	NYSE
ORI	Old Republic International Corporation	ORI	NYSE
PCH	Potlatch Corporation	PCH	NASDAQ
PCOM	Points International Ltd.	PCOM	NASDAQ
PI	Impinj, Inc.	PI	NASDAQ
PJC	Piper Jaffray Companies	PJC	NYSE
PLNT	Planet Fitness, Inc.	PLNT	NYSE
PNK	Pinnacle Entertainment, Inc.	PNK	NASDAQ
PSMT	PriceSmart, Inc.	PSMT	NASDAQ

PSO	Pearson plc	PSO	NYSE
QVCA	QVC Group	QVCA	NASDAQ
RDY	Dr. Reddy's Laboratories Limited	RDY	NYSE
RECN	Resources Connection, Inc.	RECN	NASDAQ
RFP	Resolute Forest Products, Inc.	RFP	NYSE
ROG	Rogers Corporation	ROG	NYSE
ROL	Rollins, Inc.	ROL	NYSE
RXN	Rexnord Corporation	RXN	NYSE
SAN	Banco Santander, S.A.	SAN	NYSE
SBGL	Sibanye Gold Ltd.	SBGL	NYSE
SEAC	SeaChange International, Inc.	SEAC	NASDAQ
SHOR	ShoreTel, Inc.	SHOR	NASDAQ
SIEN	Sientra, Inc.	SIEN	NASDAQ
SIR	Select Income REIT	SIR	NASDAQ
SJT	San Juan Basin Royalty Trust	SJT	NYSE
SKT	Tanger Factory Outlet Centers, Inc.	SKT	NYSE
SPHS	Sophiris Bio, Inc.	SPHS	NASDAQ
SRG	Seritage Growth Properties	SRG	NYSE
STML	Stemline Therapeutics, Inc.	STML	NASDAQ
STRP	Straight Path Communications, Inc.	STRP	NYSE MKT
SXCP	SunCoke Energy Partners, L.P.	SXCP	NYSE
TCO	Taubman Centers, Inc.	TCO	NYSE
TCRD	THL Credit, Inc.	TCRD	NASDAQ
TELL	Tellurian, Inc.	TELL	NASDAQ
TNXP	Tonix Pharmaceuticals Holding Corp.	TNXP	NASDAQ
TRTN	Triton International Ltd.	TRTN	NYSE
TRVG	trivago N.V.	TRVG	NASDAQ
TSE	Trinseo S.A.	TSE	NYSE
TTMI	TTM Technologies, Inc.	TTMI	NASDAQ
TWNK	Hostess Brands, Inc.	TWNK	NASDAQ
UCTT	Ultra Clean Holdings, Inc.	UCTT	NASDAQ
UFPI	Universal Forest Products, Inc.	UFPI	NASDAQ
USNA	USANA Health Sciences, Inc.	USNA	NYSE
VFH	Vanguard Financials ETF	VFH	NYSE ARCA
VLRS	Controladora Vuela Compania de Aviación, S.A.B. de C.V.	VLRS	NYSE
VOXX	VOXX International Corporation	VOXX	NASDAQ
VSAR	Versartis, Inc.	VSAR	NASDAQ
VSM	Versum Materials, Inc.	VSM	NYSE



VVV	Valvoline, Inc.	VVV	NYSE
WAL	Western Alliance Bancorporation	WAL	NYSE
WEX	WEX, Inc.	WEX	NYSE
WG	Willbros Group, Inc.	WG	NYSE
WSTC	West Corporation	WSTC	NASDAQ
WTFC	Wintrust Financial Corporation	WTFC	NASDAQ
XENT	Intersect ENT, Inc.	XENT	NASDAQ
YRD	Yirendai Ltd.	YRD	NYSE
YUMC	Yum China Holdings, Inc.	YUMC	NYSE
ZTO	ZTO Express (Cayman), Inc.	ZTO	NYSE

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