

**DATE:** July 10, 2015

**TO:** MIAX Members

**FROM:** MIAX Regulatory Department

**RE:** Market for Underlying Security used for Openings on MIAX as of July 13, 2015

The following option classes will start trading at MIAX on Monday, July 13, 2015, and, as set forth in MIAX Rule 503(d), MIAX shall use the exchanges identified below as the “market for the underlying security” for purposes of Openings on the Exchange.

Issue Name	Option Class	Exchange for Opening
AVALANCHE BIOTECHNOLOGIES, INC.	AAVL	NASDAQ
ATLAS AIR WORLDWIDE HOLDINGS, INC.	AAWW	NASDAQ
ABIOMED, INC.	ABMD	NASDAQ
AUTOBYTEL, INC.	ABTL	NASDAQ
ARCTIC CAT, INC.	ACAT	NASDAQ
AXCELIS TECHNOLOGIES, INC.	ACLS	NASDAQ
AERIE PHARMACEUTICALS, INC.	AERI	NASDAQ
AMN HEALTHCARE SERVICES, INC.	AHS	NYSE
ARLINGTON ASSET INVESTMENT CORP.	AI	NYSE
ALLEGIANT TRAVEL COMPANY	ALGT	NASDAQ
ANTERO MIDSTREAM PARTNERS LP	AM	NYSE
ANTHERA PHARMACEUTICALS, INC.	ANTH	NASDAQ
SPHERE 3D CORP.	ANY	NASDAQ
A.O. SMITH CORPORATION	AOS	NYSE
APRICUS BIOSCIENCES, INC.	APRI	NASDAQ
ARAMARK	ARMK	NYSE
DEUTSCHE X-TRACKERS HARVEST CSI 300 CHINA A SHARES ETF	ASHR	NYSE ARCA
ACTINIUM PHARMACEUTICALS, INC.	ATNM	NYSE MKT
AIR TRANSPORT SERVICES GROUP, INC.	ATSG	NASDAQ
ACTUANT CORPORATION	ATU	NYSE
AU OPTRONICS CORP.	AUO	NYSE
AMERICAN VANGUARD CORPORATION	AVD	NYSE
AVEO PHARMACEUTICALS, INC.	AVEO	NASDAQ
AVIANCA HOLDINGS S.A.	AVH	NYSE
AXOVANT SCIENCES LTD.	AXON	NYSE

AXIS CAPITAL HOLDINGS LTD.	AXS	NYSE
AXALTA COATING SYSTEMS LTD.	AXTA	NYSE
ASPEN TECHNOLOGY, INC.	AZPN	NASDAQ
BLACK DIAMOND, INC.	BDE	NASDAQ
BROWN-FORMAN CORPORATION	BFB	NYSE
BELLICUM PHARMACEUTICALS, INC.	BLCM	NASDAQ
BUILDERS FIRSTSOURCE, INC.	BLDR	NASDAQ
BALL CORPORATION	BLL	NYSE
BANCO MACRO S.A.	BMA	NYSE
BOSTON PRIVATE FINANCIAL HOLDING, INC.	BPFH	NASDAQ
BIO-REFERENCE LABORATORIES, INC.	BRLI	NASDAQ
BRISTOW GROUP, INC.	BRS	NYSE
BSQUARE CORPORATION	BSQR	NASDAQ
BIOTIME, INC.	BTX	NYSE MKT
BLACKSTONE MORTGAGE TRUST, INC.	BXMT	NYSE
CALIX, INC.	CALX	NYSE
CAMTEK LTD.	CAMT	NASDAQ
CARDTRONICS, INC.	CATM	NASDAQ
CAMBREX CORPORATION	CBM	NYSE
COGENT COMMUNICATIONS HOLDINGS, INC.	CCOI	NASDAQ
CITIZENS FINANCIAL GROUP, INC.	CFG	NYSE
CHINA UNICOM (HONG KONG) LTD.	CHU	NYSE
CELLADON CORPORATION	CLDN	NASDAQ
CLEARFIELD, INC.	CLFD	NASDAQ
CLEARSIGN COMBUSTION CORPORATION	CLIR	NASDAQ
CELESTICA, INC.	CLS	NYSE
CHEETAH MOBILE, INC.	CMCM	NYSE
CUMULUS MEDIA, INC.	CMLS	NASDAQ
CYRUSONE, INC.	CONE	NASDAQ
CORCEPT THERAPEUTICS, INC.	CORT	NASDAQ
COTT CORPORATION	COT	NYSE
CALIFORNIA RESOURCES CORPORATION	CRC	NYSE
CORMEDIX, INC.	CRMD	NYSE MKT
CONSTANT CONTACT, INC.	CTCT	NASDAQ
CYTOSORBENTS CORP.	CTSO	NASDAQ
CYNOSURE, INC.	CYNO	NASDAQ
CYTEC INDUSTRIES, INC.	CYT	NYSE
DELCATH SYSTEMS, INC.	DCTH	NASDAQ
WISDOMTREE EUROPE SMALLCAP DIVIDEND FUND	DFE	NYSE ARCA

DEL FRISCO'S RESTAURANT GROUP, INC.	DFRG	NASDAQ
DUPONT FABROS TECHNOLOGY, INC.	DFT	NYSE
DHI GROUP, INC.	DHX	NYSE
DELEK US HOLDINGS, INC.	DK	NYSE
DENISON MINES CORP.	DNN	NYSE MKT
DIPLOMAT PHARMACY, INC.	DPLO	NYSE
DCP MIDSTREAM PARTNERS, LP	DPM	NYSE
DURECT CORPORATION	DRRX	NASDAQ
DTE ENERGY COMPANY	DTE	NYSE
DYCOM INDUSTRIES, INC.	DY	NYSE
ENDURANCE INTERNATIONAL GROUP HOLDINGS, INC.	EIGI	NASDAQ
ENDOLOGIX, INC.	ELGX	NASDAQ
ENERSYS	ENS	NYSE
ENTEGRIS, INC.	ENTG	NASDAQ
ENVESTNET, INC.	ENV	NYSE
ENOVA INTERNATIONAL, INC.	ENVA	NYSE
EPAM SYSTEMS, INC.	EPAM	NYSE
EPIZYME, INC.	EPZM	NASDAQ
EQT MIDSTREAM PARTNERS, LP	EQM	NYSE
EMBRAER S.A.	ERJ	NYSE
ESPERION THERAPEUTICS, INC.	ESPR	NASDAQ
ETSY, INC.	ETSY	NASDAQ
ISHARES MSCI EUROPE FINANCIALS ETF	EUFN	NASDAQ
ISHARES MSCI SOUTH AFRICA INDEX	EZA	NYSE ARCA
FIDELITY NATIONAL INFORMATION SERVICES, INC.	FIS	NYSE
FITBIT, INC.	FIT	NYSE
FLUIDIGM CORPORATION	FLDM	NASDAQ
FINANCIAL ENGINES, INC.	FNGN	NASDAQ
FIRST REPUBLIC BANK	FRC	NYSE
FRESHPET, INC.	FRPT	NASDAQ
PAPA MURPHY'S HOLDINGS, INC.	FRSH	NASDAQ
CEDAR FAIR, LP	FUN	NYSE
FXCM, INC.	FXCM	NYSE
GEVO, INC.	GEVO	NASDAQ
GOLAR LNG PARTNERS, LP	GMLP	NASDAQ
GENIE ENERGY LTD.	GNE	NYSE
GRAPHIC PACKAGING HOLDING COMPANY	GPK	NYSE
GLOBAL PAYMENTS, INC.	GPN	NYSE
GRAY TELEVISION, INC.	GTN	NYSE

GULF RESOURCES, INC.	GURE	NASDAQ
GENESEE & WYOMING, INC.	GWR	NYSE
HABIT RESTAURANTS, INC.	HABT	NASDAQ
PUREFUNDS ISE CYBER SECURITY ETF	HACK	NYSE ARCA
GUGGENHEIM CHINA SMALL CAP ETF	HAO	NYSE ARCA
WISDOMTREE EUROPE HEDGED EQUITY FUND	HEDJ	NYSE ARCA
INFREAREIT, INC.	HIFR	NYSE
HUNTINGTON INGALLS INDUSTRIES, INC.	HII	NYSE
DOT HILL SYSTEMS CORP.	HILL	NASDAQ
HEALTHSOUTH CORP.	HLS	NYSE
HOUGHTON MIFFLIN HARCOURT CO.	HMHC	NASDAQ
HOLLYSYS AUTOMATION TECHNOLOGIES LTD.	HOLI	NASDAQ
HANWHA Q CELLS CO., LTD.	HQCL	NASDAQ
HEALTHEQUITY, INC.	HQY	NASDAQ
HERON THERAPEUTICS, INC.	HRTX	NASDAQ
HSN, INC.	HSNI	NASDAQ
HEARTWARE INTERNATIONAL, INC.	HTWR	NASDAQ
HEALTHWAYS, INC.	HWAY	NASDAQ

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