



The option classes listed below will begin trading on the MIA X Options Exchange at the start of trading on **Monday, July 20, 2015**.

Security Symbol	Security Name	Option Class	Price Programs	Expiration Programs	Penny Pilot	Allocation Style	Billing Style	Exchange for Opening	Closing Time	PLMM	Cloud
BZQ	ProShares UltraShort MSCI Brazil Capped	BZQ	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Susquehanna Securities	2
CHIX	Global X China Financials ETF	CHIX	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Group One Trading LP	3
CWB	SPDR Barclays Convertible Secs ETF	CWB	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Group One Trading LP	3
EPV	ProShares UltraShort FTSE Europe	EPV	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Susquehanna Securities	5
EWQ	iShares MSCI France ETF	EWQ	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Susquehanna Securities	5
GLL	ProShares UltraShort Gold	GLL	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Susquehanna Securities	7
HYLD	AdvisorShares Peritus High Yield ETF	HYLD	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Susquehanna Securities	8
ICAD	iCAD Inc.	ICAD	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	9
ICLD	InterCloud Systems, Inc	ICLD	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	9
IEI	iShares 3-7 Year Treasury Bond ETF	IEI	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Wolverine Trading, LLC	9
IG	IGI Laboratories Inc.	IG	Standard	Standard	No	Pro-Rata	Conventional	NYSE MKT	4:00	Morgan Stanley	9
IHS	IHS Inc.	IHS	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	9
ILF	iShares Latin America 40	ILF	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Susquehanna Securities	9



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IMKTA	Ingles Markets, Incorporated	IMKTA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	9
IMS	IMS Health Holdings, Inc.	IMS	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Goldman Sachs	9
INOV	Inovalon Holdings, Inc.	INOV	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	9
ISSI	Integrated Silicon Solution, Inc.	ISSI	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	9
IT	Gartner, Inc.	IT	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Morgan Stanley	9
ITG	Investment Technology Group	ITG	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Group One Trading LP	9
JKHY	Jack Henry & Associates Inc.	JKHY	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	10
JUNO	Juno Therapeutics Inc.	JUNO	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	10
KANG	iKang Healthcare Group, Inc.	KANG	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Goldman Sachs	10
KEYS	Keysight Technologies Inc.	KEYS	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	10
KEYW	The KEYW Holding Corporation	KEYW	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	10
KLXI	KLX Inc.	KLXI	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	10
KMT	Kennametal Inc.	KMT	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	10
KODK	Eastman Kodak Company	KODK	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	10
KW	Kennedy-Wilson Holdings Inc.	KW	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	10



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KYTH	Kythera Biopharmaceuticals, Inc.	KYTH	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	10
LAYN	Layne Christensen Company	LAYN	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Group One Trading LP	11
LEJU	Leju Holdings Limited	LEJU	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	11
LJPC	La Jolla Pharmaceutical Company	LJPC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	11
LLNW	Limelight Networks, Inc.	LLNW	\$1.00	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	11
LOPE	Grand Canyon Education, Inc.	LOPE	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	11
MATX	Matson, Inc.	MATX	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	12
MCHI	iShares MSCI China ETF	MCHI	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Goldman Sachs	12
MCRL	Micrel, Incorporated	MCRL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	12
MFLX	Multi-Fineline Electronix, Inc.	MFLX	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	12
MKSI	MKS Instruments, Inc.	MKSI	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	12
MOBL	MobileIron, Inc.	MOBL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	12
MOH	Molina Healthcare Inc.	MOH	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	12
MOMO	Momo Inc.	MOMO	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	12



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MPLX	MPLX LP	MPLX	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	12
MX	MagnaChip Semiconductor Corp.	MX	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	12
NHTC	NATURAL HEALTH TRENDS CORP.	NHTC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	13
NPTN	NeoPhotonics Corp.	NPTN	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	13
NTCT	NetScout Systems, Inc.	NTCT	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	13
NUVA	NuVasive, Inc.	NUVA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	13
NVDQ	Novadaq Technologies Inc	NVDQ	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	13
ONCE	Spark Therapeutics, Inc.	ONCE	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	14
ONDK	On Deck Capital, Inc.	ONDK	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	14
ORAN	Orange SA	ORAN	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	14
ORBK	Orbotech Ltd.	ORBK	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	14
ORMP	Oramed Pharmaceuticals Inc.	ORMP	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	14
OVAS	OvaScience Inc.	OVAS	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	14
PDCO	Patterson Companies, Inc.	PDCO	\$1.00	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	14
PFPT	Proofpoint, Inc.	PFPT	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	14



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PLKI	Popeyes Louisiana Kitchen, Inc.	PLKI	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	14
POM	PEPCO Holdings, Inc.	POM	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	14
POOL	Pool Corporation	POOL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	14
PRI	Primerica, Inc.	PRI	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	14
PST	ProShares UltraShort 7-10 Year Treasury	PST	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Susquehanna Securities	14
PTC	PTC Inc.	PTC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	14
PTCT	PTC Therapeutics, Inc.	PTCT	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	14
PTLA	Portola Pharmaceuticals, Inc.	PTLA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	14
PZZA	Papa John's International, Inc.	PZZA	\$2.50	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	14
QLTI	QLT Inc.	QLTI	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Group One Trading LP	15
QLTY	Quality Distribution, Inc.	QLTY	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Group One Trading LP	15
QTWO	Q2 Holdings, Inc.	QTWO	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	15
RARE	Ultragenyx Pharmaceutical Inc.	RARE	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	15
RCI	Rogers Communication, Inc.	RCI	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	15
RDUS	Radius Health, Inc.	RDUS	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	15



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REFR	Research Frontiers Inc.	REFR	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Group One Trading LP	15
RIGL	Rigel Pharmaceuticals, Inc.	RIGL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Group One Trading LP	15
RMP	Rice Midstream Partners LP	RMP	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	15
RNWK	RealNetworks, Inc.	RNWK	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	15
RTRX	Retrophin, Inc.	RTRX	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Goldman Sachs	15
RUSS	Direxion Daily Russia Bear 3x ETF	RUSS	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Susquehanna Securities	15
RYN	Rayonier Inc.	RYN	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Goldman Sachs	15
SAGE	Sage Therapeutics, Inc.	SAGE	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	16
SCHL	Scholastic Corporation	SCHL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	16
SEDG	SolarEdge Technologies, Inc.	SEDG	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	16
SGG	iPath Bloomberg Sugar Sub TR ETN	SGG	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Susquehanna Securities	16
SJNK	SPDR Barclays Short Term High Yield Bond ETF	SJNK	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Wolverine Trading, LLC	16
SMG	The Scotts Miracle-Gro Company	SMG	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Morgan Stanley	16
SPNC	The Spectranetics Corporation	SPNC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	16



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SPW	SPX Corporation	SPW	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Morgan Stanley	16
SREV	ServiceSource International, Inc.	SREV	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	16
SRNE	Sorrento Therapeutics, Inc.	SRNE	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	16
STE	STERIS Corp.	STE	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Morgan Stanley	16
STM	STMicroelectronics NV	STM	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	16
STV	China Digital TV Holding Co., Ltd.	STV	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	16
STWD	Starwood Property Trust, Inc.	STWD	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Goldman Sachs	16
SYT	Syngenta AG	SYT	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	16
TREX	Trex Co. Inc.	TREX	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	17
TROV	TrovaGene, Inc.	TROV	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	17
TSS	Total System Services, Inc.	TSS	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Morgan Stanley	17
TUBE	TubeMogul, Inc.	TUBE	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	17
TX	Ternium S.A.	TX	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Morgan Stanley	17
UDN	PowerShares DB US Dollar Index Bearish Fund	UDN	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Group One Trading LP	18





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UGI	UGI Corporation	UGI	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Goldman Sachs	18
VEA	Vanguard FTSE Developed Markets ETF	VEA	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Citadel Securities, LLC	19
VIVO	Meridian Bioscience Inc.	VIVO	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Group One Trading LP	19
VXZ	iPath S&P 500 VIX MT Futures ETN	VXZ	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE ARCA	4:15	Group One Trading LP	19
W	Wayfair Inc.	W	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Timber Hill, LLC	19
WAB	Westinghouse Air Brake Technologies Corporation	WAB	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Morgan Stanley	19
WAGE	WageWorks, Inc.	WAGE	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	19
WD	Walker & Dunlop, Inc.	WD	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	19
WLKP	Westlake Chemical Partners LP	WLKP	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	19
WPC	W.P. Carey Inc.	WPC	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	19
WSR	Whitestone REIT	WSR	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	19
WX	WuXi PharmaTech (Cayman) Inc.	WX	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	19
XCRA	Xcerra Corporation	XCRA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	20
XXIA	Ixia	XXIA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	20





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YANG	Direxion Daily FTSE China Bear 3x Shares	YANG	Idx Link	STO	No	Pro-Rata	Conventional	NYSE ARCA	4:00	Citadel Securities, LLC	20
YZC	Yanzhou Coal Mining Co. Ltd.	YZC	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	20
ZNH	China Southern Airlines Co. Ltd.	ZNH	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	21

Please contact MIAX Options Listings with any questions.

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