



The option classes listed below will begin trading on the MIAX Options Exchange at the start of trading on **Monday, November 13, 2017.**

Security Symbol	Security Name	Option Class	Price Programs	Expiration Programs	Penny Pilot	Allocation Style	Billing Style	Exchange for Opening	Closing Time	PLMM	Cloud
ACTA	Actua Corporation	ACTA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	1
ADMS	Adamas Pharmaceuticals, Inc.	ADMS	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	1
AFTY	CSOP FTSE China A50 ETF	AFTY	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Citadel Securities, LLC	1
AHL	Aspen Insurance Holdings Limited	AHL	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	1
AIMT	Aimmune Therapeutics, Inc.	AIMT	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	1
ALOG	Analogic Corporation	ALOG	\$2.50	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	1
ANGO	AngioDynamics, Inc.	ANGO	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	1
ATUS	Altice USA, Inc.	ATUS	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	1
AVEO	AVEO Pharmaceuticals, Inc.	AVEO	\$1.00, \$1.00 LTO	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	1
BAS	Basic Energy Services, Inc.	BAS	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	2
BECN	Beacon Roofing Supply, Inc.	BECN	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	2
BGNE	BeiGene, Ltd.	BGNE	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	2



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BHF	Brighthouse Financial, Inc.	BHF	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	2
BHGE	Baker Hughes, a GE company	BHGE	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Morgan Stanley	2
BKD	Brookdale Senior Living Inc.	BKD	\$1.00, \$2.50	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	2
BKF	iShares MSCI BRIC ETF	BKF	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Susquehanna Securities	2
BPMC	Blueprint Medicines Corp.	BPMC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	2
BTU	Peabody Energy Corporation	BTU	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	2
CARS	Cars.com Inc.	CARS	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	3
CCC	Calgon Carbon Corporation	CCC	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	3
CLDR	Cloudera, Inc.	CLDR	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	3
CLLS	Cellectis S.A.	CLLS	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	3
COL	Rockwell Collins, Inc.	COL	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	3
CUTR	Cutera, Inc.	CUTR	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	3
CVNA	Carvana Co.	CVNA	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	3
DBVT	DBV Technologies S.A.	DBVT	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	4



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DIOD	Diodes Incorporated	DIOD	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	4
FCSC	Fibrocell Science Inc	FCSC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	6
FM	iShares MSCI Frontier 100 ETF	FM	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Wolverine Trading, LLC	6
FND	Floor & Decor Holdings, Inc.	FND	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	6
FWONA	Formula One Group	FWONA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	6
GLDD	Great Lakes Dredge & Dock Corporation	GLDD	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	7
GLOB	Globant S.A.	GLOB	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	7
GLP	Global Partners LP	GLP	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	7
GLYC	GlycoMimetics, Inc.	GLYC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	7
GROW	U.S. Global Investors, Inc.	GROW	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	7
GSAT	Globalstar, Inc.	GSAT	\$0.50, \$1.00, \$1.00 LTO	Standard	No	Pro-Rata	Conventional	NYSE MKT	4:00	Wolverine Trading, LLC	7
GXG	Global X MSCI Colombia ETF	GXG	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Susquehanna Securities	7
HE	Hawaiian Electric Industries, Inc.	HE	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	8



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HIIQ	Health Insurance Innovations, Inc.	HIIQ	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	8
HOMB	Home BancShares, Inc.	HOMB	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	8
HOME	At Home Group Inc.	HOME	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	8
HSNI	HSN, Inc.	HSNI	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	8
IWP	iShares Russell Midcap Growth ETF	IWP	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Susquehanna Securities	9
IWS	iShares Russell Mid-cap Value ETF	IWS	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Susquehanna Securities	9
KL	Kirkland Lake Gold Ltd.	KL	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	10
KOPN	Kopin Corporation	KOPN	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	10
LBRDK	Liberty Broadband Corporation	LBRDK	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	11
LOXO	Loxo Oncology, Inc.	LOXO	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	11
LVNTA	Liberty Ventures	LVNTA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	11
MANT	ManTech International Corporation	MANT	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	12
MCRI	Monarch Casino & Resort, Inc.	MCRI	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	12
MNRO	Monro, Inc.	MNRO	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	12



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MRTX	Mirati Therapeutics, Inc.	MRTX	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	12
MTRX	Matrix Service Company	MTRX	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Morgan Stanley	12
NEOS	Neos Therapeutics, Inc.	NEOS	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	13
NRE	NorthStar Realty Europe Corp.	NRE	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	13
OKTA	Okta, Inc.	OKTA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	14
OTIC	Otonomy, Inc.	OTIC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	14
PLPM	Planet Payment, Inc.	PLPM	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	14
POWI	Power Integrations, Inc.	POWI	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	14
PRFT	Perficient, Inc.	PRFT	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	14
PRO	PROS Holdings, Inc.	PRO	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	14
QDEL	Quidel Corporation	QDEL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	15
RDFN	Redfin Corporation	RDFN	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	15
RE	Everest Re Group, Ltd.	RE	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Morgan Stanley	15
REG	Regency Centers Corporation	REG	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	15



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REMX	VanEck Vectors Rare Earth/Strat Mtls ETF	REMX	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Wolverine Trading, LLC	15
RGNX	REGENXBIO Inc.	RGNX	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	15
RIC	Richmont Mines, Inc.	RIC	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	15
RICE	Rice Energy Inc.	RICE	Standard	STO	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	15
RLJ	RLJ Lodging Trust	RLJ	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	15
RNR	RenaissanceRe Holdings Ltd.	RNR	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	15
RUSHA	Rush Enterprises, Inc.	RUSHA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	15
RXDX	Ignyta, Inc.	RXDX	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	15
SFR	Starwood Waypoint Homes	SFR	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	16
STRL	Sterling Construction Company Inc.	STRL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	16
TCF	TCF Financial Corporation	TCF	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	17
TEF	Telefonica SA	TEF	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	17
TNXP	Tonix Pharmaceuticals Holding Corp.	TNXP	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	17



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TTD	The Trade Desk, Inc.	TTD	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	17
UMH	UMH Properties, Inc.	UMH	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	18
UPL	Ultra Petroleum Corp.	UPL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	18
VNOM	Viper Energy Partners LP	VNOM	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	19
VR	Validus Holdings, Ltd.	VR	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	19
VREX	Varex Imaging Corporation	VREX	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	19
VSTM	Verastem, Inc.	VSTM	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	19
VXUS	Vanguard Total International Stock ETF	VXUS	Idx Link	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	19
VYGR	Voyager Therapeutics, Inc.	VYGR	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	19
WBT	Welbilt, Inc.	WBT	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	19
WMS	Advanced Drainage Systems, Inc.	WMS	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	19
WRLD	World Acceptance Corporation	WRLD	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	19
XCO	EXCO Resources, Inc.	XCO	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	20
ZN	Zion Oil & Gas Inc.	ZN	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	21

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