



The option class listed below will begin trading on the MIAX Options Exchange at the start of trading on **Monday, June 18, 2018**.

Security Symbol	Security Name	Option Class	Price Programs	Expiration Programs	Penny Pilot	Allocation Style	Billing Style	Exchange for Opening	Closing Time	PLMM	Cloud
ACET	Aceto Corporation	ACET	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	1
ACGL	Arch Capital Group Ltd.	ACGL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	1
ADAP	Adaptimmune Therapeutics PLC	ADAP	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	1
ADT	ADT Inc.	ADT	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Two Sigma Securities, LLC	1
AGRX	Agile Therapeutics, Inc.	AGRX	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	1
AMR	Alta Mesa Resources, Inc.	AMR	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	1
AMRS	Amyris, Inc.	AMRS	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	1
AMX	America Movil SAB de CV	AMX	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	1
ANAB	AnaptysBio, Inc.	ANAB	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	1
APTI	Aptio, Inc.	APTI	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	1
ARQL	ArQule, Inc.	ARQL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	1
ASMB	Assembly Biosciences, Inc.	ASMB	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	1
ASND	Ascendis Pharma A/S	ASND	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	1



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ASUR	Asure Software, Inc.	ASUR	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	1
AXGN	AxoGen, Inc.	AXGN	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	1
BCEI	Bonanza Creek Energy, Inc.	BCEI	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	2
BHVN	Biohaven Pharmaceutical Holding Company Ltd.	BHVN	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	2
BJO	Barclays Bank PLC iPATH B Coffee	BJO	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Wolverine Trading, LLC	2
BLD	TopBuild Corp.	BLD	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	2
BOLD	Audentes Therapeutics, Inc.	BOLD	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	2
BPY	Brookfield Property Partners L.P.	BPY	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	2
BSTI	BEST, Inc.	BSTI	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	2
CALL	magicJack VocalTec Ltd.	CALL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	3
CARG	CarGurus, Inc.	CARG	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	3
CBAY	CymaBay Therapeutics, Inc.	CBAY	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	3
CBB	Cincinnati Bell Inc.	CBB	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	3
CBIO	Catalyst Biosciences, Inc.	CBIO	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	3
CGC	Canopy Growth Corporation	CGC	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	3
CLSD	Clearside Biomedical, Inc.	CLSD	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	3



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CLW	Clearwater Paper Corporation	CLW	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	3
CNET	Chinanet Online Holdings, Inc.	CNET	\$1.00	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	3
CNHI	CNH Industrial N.V.	CNHI	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	3
COLL	Collegium Pharmaceutical, Inc.	COLL	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	3
CPLA	Capella Education Company	CPLA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	3
CRL	Charles River Laboratories International, Inc.	CRL	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	3
CRON	Cronos Group Inc.	CRON	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	3
CRSP	CRISPR Therapeutics AG	CRSP	Standard	STO	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	3
CTG	Computer Task Group Incorporated	CTG	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	3
CWH	Camping World Holdings, Inc.	CWH	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	3
CYS	CYS Investments, Inc.	CYS	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	3
DLPH	Delphi Technologies PLC	DLPH	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	4
DMLP	Dorchester Minerals, L.P.	DMLP	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	4
DQ	Daqo New Energy Corp.	DQ	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	4
EGOV	NIC Inc.	EGOV	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	5
ENTA	Enanta Pharmaceuticals, Inc.	ENTA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	5



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ESIO	Electro Scientific Industries, Inc.	ESIO	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Two Sigma Securities, LLC	5
FATE	Fate Therapeutics, Inc.	FATE	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	6
FINL	The Finish Line, Inc.	FINL	\$1.00	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	6
FNG	AdvisorShares New Tech and Media ETF	FNG	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Wolverine Trading, LLC	6
FWONK	Liberty Media Corporation Series C Liberty Formula One	FWONK	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	6
GDEN	Golden Entertainment, Inc.	GDEN	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	7
GDS	GDS Holdings Limited	GDS	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	7
GGP	GGP Inc.	GGP	\$1.00	Standard	Yes	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	7
GSUM	Gridsum Holding Inc.	GSUM	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	7
GTES	Gates Industrial Corporation plc	GTES	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	7
HAWK	Blackhawk Network Holdings, Inc.	HAWK	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	8
HCC	Warrior Met Coal, Inc.	HCC	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	8
HGV	Hilton Grand Vacations Inc.	HGV	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	8
HIVE	Aerohive Networks, Inc.	HIVE	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	8
HMNY	Helios and Matheson Analytics Inc.	HMNY	\$0.50	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	8



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IBKC	IBERIABANK Corporation	IBKC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	9
ICHR	Ichor Holdings, Ltd.	ICHR	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	9
IO	ION Geophysical Corporation	IO	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	9
IQ	iQIYI, Inc.	IQ	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	9
ITA	iShares US Aerospace and Defense ETF	ITA	Idx Link	Standard	No	Pro-Rata	Conventional	BATS	4:00	Susquehanna Securities	9
JAG	Jagged Peak Energy Inc.	JAG	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	10
JILL	J.Jill, Inc.	JILL	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	10
JNCE	Jounce Therapeutics, Inc.	JNCE	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	10
KANG	iKang Healthcare Group, Inc.	KANG	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	10
KIRK	Kirkland's, Inc.	KIRK	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	10
KRNT	Kornit Digital Ltd.	KRNT	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	10
LADR	Ladder Capital Corp	LADR	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	11
LIT	Global X Lithium & Battery ETF	LIT	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Susquehanna Securities	11
LNT	Alliant Energy Corp	LNT	\$2.50	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	11
LSXMA	The Liberty SiriusXM Group	LSXMA	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	11
MARK	Remark Holdings, Inc.	MARK	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	12



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MDR	McDermott International, Inc.	MDR	\$1.00, \$1.00 LTO	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	12
MFGP	Micro Focus International plc	MFGP	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	12
MJ	ETFMG Alternative Harvest ETF	MJ	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Wolverine Trading, LLC	12
MRNS	Marinus Pharmaceuticals, Inc.	MRNS	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	12
NATI	National Instruments Corporation	NATI	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	13
NBRV	Nabriva Therapeutics plc	NBRV	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	13
NDSN	Nordson Corporation	NDSN	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	13
NSH	NuStar GP Holdings, LLC	NSH	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	13
OMI	Owens & Minor, Inc.	OMI	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	14
ORIG	Ocean RIG UDW Inc.	ORIG	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	14
PAGS	PagSeguro Digital Ltd.	PAGS	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	14
PCH	PotlatchDeltic Corporation	PCH	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	14
PHH	PHH Corporation	PHH	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	14
PNFP	Pinnacle Financial Partners, Inc.	PNFP	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	14
PTI	Proteostasis Therapeutics, Inc.	PTI	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	14
QCP	Quality Care Properties, Inc.	QCP	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	15



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QD	Qudian, Inc.	QD	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	15
QNST	Quinstreet, Inc.	QNST	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	15
RESN	Resonant Inc.	RESN	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	15
RRR	Red Rock Resorts, Inc.	RRR	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	15
SAIL	SailPoint Technologies Holdings, Inc.	SAIL	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	16
SEIC	SEI Investments Co.	SEIC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	16
SEND	SendGrid, Inc.	SEND	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	16
SESN	Sesen Bio, Inc.	SESN	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	16
SFIX	Stitch Fix, Inc.	SFIX	\$1.00	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	16
SND	Smart Sand, Inc.	SND	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	16
SOGO	Sogou Inc.	SOGO	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	16
SRI	Stoneridge, Inc.	SRI	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	16
SSC	Seven Stars Cloud Group, Inc.	SSC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	16
SWCH	Switch, Inc.	SWCH	\$1.00	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Wolverine Trading, LLC	16
TECS	Direxion Daily Technology Bear 3X ETF	TECS	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Wolverine Trading, LLC	17
TERP	TerraForm Power, Inc.	TERP	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	17



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TNDM	Tandem Diabetes Care, Inc.	TNDM	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	17
TRNC	tronc, Inc.	TRNC	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Wolverine Trading, LLC	17
TTEK	Tetra Tech, Inc.	TTEK	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Susquehanna Securities	17
USD	ProShares Ultra Semiconductors	USD	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Susquehanna Securities	18
USFD	US Foods Holding Corp.	USFD	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Two Sigma Securities, LLC	18
VICR	Vicor Corporation	VICR	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	19
VKTX	Viking Therapeutics, Inc.	VKTX	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	19
VNTR	Venator Materials PLC	VNTR	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	19
VOE	Vanguard Mid-Cap Value ETF	VOE	Idx Link	Standard	No	Pro-Rata	Conventional	NYSE Arca	4:00	Wolverine Trading, LLC	19
VRAY	ViewRay, Inc.	VRAY	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	19
VRNS	Varonis Systems, Inc.	VRNS	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	19
WRD	Wildhorse Resource Development Corporation	WRD	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	19
XL	XL Group Ltd	XL	\$1.00	Standard	Yes	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	20
XOG	Extraction Oil & Gas, Inc.	XOG	Standard	Standard	No	Pro-Rata	Conventional	NASDAQ	4:00	Citadel Securities, LLC	20
XRM	Xerium Technologies, Inc.	XRM	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Susquehanna Securities	20
YEXT	Yext, Inc.	YEXT	Standard	Standard	No	Pro-Rata	Conventional	NYSE	4:00	Citadel Securities, LLC	20



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