



The option class listed below will begin trading on the MIA X PEARL 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	Cloud
ACET	Aceto Corporation	ACET	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
ACGL	Arch Capital Group Ltd.	ACGL	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
ADAP	Adaptimmune Therapeutics PLC	ADAP	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
ADT	ADT Inc.	ADT	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	1
AGRX	Agile Therapeutics, Inc.	AGRX	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
AMR	Alta Mesa Resources, Inc.	AMR	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
AMRS	Amyris, Inc.	AMRS	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
AMX	America Movil SAB de CV	AMX	\$1.00	Standard	No	Price Time	Maker-Taker	NYSE	4:00	1
ANAB	AnaptysBio, Inc.	ANAB	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
APTI	Apptio, Inc.	APTI	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
ARQL	ArQule, Inc.	ARQL	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
ASMB	Assembly Biosciences, Inc.	ASMB	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
ASND	Ascendis Pharma A/S	ASND	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
ASUR	Asure Software, Inc.	ASUR	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
AXGN	AxoGen, Inc.	AXGN	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	1
BCEI	Bonanza Creek Energy, Inc.	BCEI	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	2
BHVN	Biohaven Pharmaceutical Holding Company Ltd.	BHVN	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	2
BJO	Barclays Bank PLC iPATH B Coffee	BJO	Idx Link	Standard	No	Price Time	Maker-Taker	NYSE Arca	4:00	2
BLD	TopBuild Corp.	BLD	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	2
BOLD	Audentes Therapeutics, Inc.	BOLD	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2



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BPY	Brookfield Property Partners L.P.	BPY	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2
BSTI	BEST, Inc.	BSTI	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	2
CALL	magicJack VocalTec Ltd.	CALL	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2
CARG	CarGurus, Inc.	CARG	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2
CBAY	CymaBay Therapeutics, Inc.	CBAY	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2
CBB	Cincinnati Bell Inc.	CBB	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	2
CBIO	Catalyst Biosciences, Inc.	CBIO	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2
CGC	Canopy Growth Corporation	CGC	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	2
CLSD	Clearside Biomedical, Inc.	CLSD	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2
CLW	Clearwater Paper Corporation	CLW	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	2
CNET	Chinanet Online Holdings, Inc.	CNET	\$1.00	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2
CNHI	CNH Industrial N.V.	CNHI	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	2
COLL	Collegium Pharmaceutical, Inc.	COLL	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2
CPLA	Capella Education Company	CPLA	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2
CRL	Charles River Laboratories International, Inc.	CRL	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	2
CRON	Cronos Group Inc.	CRON	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2
CRSP	CRISPR Therapeutics AG	CRSP	Standard	STO	No	Price Time	Maker-Taker	NASDAQ	4:00	2
CTG	Computer Task Group Incorporated	CTG	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	2
CWH	Camping World Holdings, Inc.	CWH	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	2
CYS	CYS Investments, Inc.	CYS	\$1.00	Standard	No	Price Time	Maker-Taker	NYSE	4:00	2



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DLPH	Delphi Technologies PLC	DLPH	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	3
DMLP	Dorchester Minerals, L.P.	DMLP	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	3
DQ	Daqo New Energy Corp.	DQ	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	3
EGOV	NIC Inc.	EGOV	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	3
ENTA	Enanta Pharmaceuticals, Inc.	ENTA	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	3
ESIO	Electro Scientific Industries, Inc.	ESIO	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	3
FATE	Fate Therapeutics, Inc.	FATE	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	3
FINL	The Finish Line, Inc.	FINL	\$1.00	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	3
FNG	AdvisorShares New Tech and Media ETF	FNG	Idx Link	Standard	No	Price Time	Maker-Taker	NYSE Arca	4:00	3
FWONK	Liberty Media Corporation Series C Liberty Formula One	FWONK	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	3
GDEN	Golden Entertainment, Inc.	GDEN	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	4
GDS	GDS Holdings Limited	GDS	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	4
GGP	GGP Inc.	GGP	\$1.00	Standard	Yes	Price Time	Maker-Taker	NYSE	4:00	4
GSUM	Gridsum Holding Inc.	GSUM	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	4
GTES	Gates Industrial Corporation plc	GTES	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	4
HAWK	Blackhawk Network Holdings, Inc.	HAWK	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	4
HCC	Warrior Met Coal, Inc.	HCC	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	4
HGV	Hilton Grand Vacations Inc.	HGV	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	4
HIVE	Aerohive Networks, Inc.	HIVE	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	4
HMNY	Helios and Matheson Analytics Inc.	HMNY	\$0.50	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	4



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IBKC	IBERIABANK Corporation	IBKC	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	5
ICHR	Ichor Holdings, Ltd.	ICHR	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	5
IO	ION Geophysical Corporation	IO	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	5
IQ	iQIYI, Inc.	IQ	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	5
ITA	iShares US Aerospace and Defense ETF	ITA	Idx Link	Standard	No	Price Time	Maker-Taker	BATS	4:00	5
JAG	Jagged Peak Energy Inc.	JAG	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	5
JILL	J.Jill, Inc.	JILL	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	5
JNCE	Jounce Therapeutics, Inc.	JNCE	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	5
KANG	iKang Healthcare Group, Inc.	KANG	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	5
KIRK	Kirkland's, Inc.	KIRK	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	5
KRNT	Kornit Digital Ltd.	KRNT	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	5
LADR	Ladder Capital Corp	LADR	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	5
LIT	Global X Lithium & Battery ETF	LIT	Idx Link	Standard	No	Price Time	Maker-Taker	NYSE Arca	4:00	5
LNT	Alliant Energy Corp	LNT	\$2.50	Standard	No	Price Time	Maker-Taker	NYSE	4:00	5
LSXMA	The Liberty SiriusXM Group	LSXMA	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	5
MARK	Remark Holdings, Inc.	MARK	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	6
MDR	McDermott International, Inc.	MDR	\$1.00, \$1.00 LTO	Standard	No	Price Time	Maker-Taker	NYSE	4:00	6
MFGP	Micro Focus International plc	MFGP	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	6
MJ	ETFMG Alternative Harvest ETF	MJ	Idx Link	Standard	No	Price Time	Maker-Taker	NYSE Arca	4:00	6
MRNS	Marinus Pharmaceuticals, Inc.	MRNS	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	6



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NATI	National Instruments Corporation	NATI	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	6
NBRV	Nabriva Therapeutics plc	NBRV	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	6
NDSN	Nordson Corporation	NDSN	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	6
NSH	NuStar GP Holdings, LLC	NSH	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	6
OMI	Owens & Minor, Inc.	OMI	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	7
ORIG	Ocean RIG UDW Inc.	ORIG	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	7
PAGS	PagSeguro Digital Ltd.	PAGS	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	7
PCH	PotlatchDeltic Corporation	PCH	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	7
PHH	PHH Corporation	PHH	\$1.00	Standard	No	Price Time	Maker-Taker	NYSE	4:00	7
PNFP	Pinnacle Financial Partners, Inc.	PNFP	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	7
PTI	Proteostasis Therapeutics, Inc.	PTI	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	7
QCP	Quality Care Properties, Inc.	QCP	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	7
QD	Qudian, Inc.	QD	\$1.00	Standard	No	Price Time	Maker-Taker	NYSE	4:00	7
QNST	Quinstreet, Inc.	QNST	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	7
RESN	Resonant Inc.	RESN	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	7
RRR	Red Rock Resorts, Inc.	RRR	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	7
SAIL	SailPoint Technologies Holdings, Inc.	SAIL	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	8
SEIC	SEI Investments Co.	SEIC	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	8
SEND	SendGrid, Inc.	SEND	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	8
SESN	Sesen Bio, Inc.	SESN	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	8
SFIX	Stitch Fix, Inc.	SFIX	\$1.00	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	8
SND	Smart Sand, Inc.	SND	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	8
SOGO	Sogou Inc.	SOGO	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	8



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SRI	Stoneridge, Inc.	SRI	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	8
SSC	Seven Stars Cloud Group, Inc.	SSC	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	8
SWCH	Switch, Inc.	SWCH	\$1.00	Standard	No	Price Time	Maker-Taker	NYSE	4:00	8
TECS	Direxion Daily Technology Bear 3X ETF	TECS	Idx Link	Standard	No	Price Time	Maker-Taker	NYSE Arca	4:00	8
TERP	TerraForm Power, Inc.	TERP	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	8
TNDM	Tandem Diabetes Care, Inc.	TNDM	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	8
TRNC	tronc, Inc.	TRNC	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	8
TTEK	Tetra Tech, Inc.	TTEK	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	8
USD	ProShares Ultra Semiconductors	USD	Idx Link	Standard	No	Price Time	Maker-Taker	NYSE Arca	4:00	9
USFD	US Foods Holding Corp.	USFD	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	9
VICR	Vicor Corporation	VICR	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	9
VKTX	Viking Therapeutics, Inc.	VKTX	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	9
VNTR	Venator Materials PLC	VNTR	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	9
VOE	Vanguard Mid-Cap Value ETF	VOE	Idx Link	Standard	No	Price Time	Maker-Taker	NYSE Arca	4:00	9
VRAY	ViewRay, Inc.	VRAY	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	9
VRNS	Varonis Systems, Inc.	VRNS	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	9
WRD	Wildhorse Resource Development Corporation	WRD	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	10
XL	XL Group Ltd	XL	\$1.00	Standard	Yes	Price Time	Maker-Taker	NYSE	4:00	10
XOG	Extraction Oil & Gas, Inc.	XOG	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	10
XRM	Xerium Technologies, Inc.	XRM	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	10
YEXT	Yext, Inc.	YEXT	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	10

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