



The option classes listed below will begin trading on the MIAX Pearl Exchange at the start of trading on **Monday, September 25, 2017.**

Security Symbol	Security Name	Option Class	Price Programs	Expiration Programs	Penny Pilot	Allocation Style	Billing Style	Exchange for Opening	Closing Time	Cloud
EC	Ecopetrol S.A.	EC	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	3
KOL	VanEck Vectors Coal ETF	KOL	Idx Link	Standard	No	Price Time	Maker-Taker	NYSE Arca	4:00	5
KWEB	KraneShares CSI China Internet ETF	KWEB	Idx Link	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	5
ORAN	Orange S.A.	ORAN	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	7
PZE	Petrobras Argentina S.A.	PZE	Standard	Standard	No	Price Time	Maker-Taker	NYSE	4:00	7
QIWI	QIWI plc	QIWI	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	7
TREE	LendingTree, Inc.	TREE	Standard	Standard	No	Price Time	Maker-Taker	NASDAQ	4:00	8
VT	Vanguard Total World Stock ETF	VT	Idx Link	Standard	No	Price Time	Maker-Taker	NYSE Arca	4:00	9
VWO	Vanguard FTSE Emerging Markets ETF	VWO	Idx Link	STO	No	Price Time	Maker-Taker	NYSE Arca	4:00	9

Please contact MIAX Listings with any questions.

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