



DATE: December 11, 2019

TO: MIAX Exchange Members

FROM: MIAX Exchange Regulatory Department

RE: Change to the Market for Underlying Security Used for Openings on MIAX Options, MIAX PEARL and MIAX Emerald for Symbols RTH, RSX and SMH Effective Wednesday, December 11, 2019

On Wednesday, December 11, 2019, the symbols listed below will transfer primary listing from the NYSE ARCA ("ARCA") to either the NASDAQ Global Select Market ("NASDAQ") or the Cboe BZX Exchange, Inc. ("BATS") effective Wednesday, December 11, 2019. As set forth in MIAX Options Rule 503(d), MIAX PEARL Rule 503(a)(3) and MIAX Emerald Rule 503(d), each Exchange shall use the exchange identified below as the "market for the underlying security" for purpose of Openings on the Exchange.

Underlying Symbol	Security Name	Exchange for Opening
RTH	Market Vectors Retail ETF	NASDAQ
RSX	VanEck Vectors Russia ETF	BATS
SMH	Market Vectors Semiconductor ETF	NASDAQ

Please direct questions to the Regulatory Department at Regulatory@MIAXOptions.com or (609) 897-7309.