

DATE: January 19, 2018

TO: MIAX PEARL Members

FROM: MIAX PEARL Regulatory Department

RE: Market for Underlying Security Used for Openings on MIAX PEARL for Newly Listed Option Classes Effective Monday, January 22, 2018

The following symbols will start trading on MIAX PEARL beginning Monday, January 22, 2018, and, as set forth in MIAX PEARL Rule 503(a)(3), MIAX PEARL shall use the exchange identified below as the “market for the underlying security” for purposes of Openings on the Exchange.

Option Symbol	Security Name	Underlying Symbol	Exchange for Opening
VXXB	IPATH SERIES B S&P 500 VIX SHORT-TERM FUTURES ETN	VXXB	CBOE BZX EXCHANGE
VXZB	IPATH SERIES B S&P 500 VIX MID-TERM FUTURES ETN	VXZB	CBOE BZX EXCHANGE

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