

DATE: February 28, 2019

TO: MIAX Emerald Members

- FROM: MIAX Emerald Regulatory Department
- RE: Market for Underlying Security Used for Openings on MIAX Emerald Listed Symbols Effective Friday, March 1, 2019

The following symbol will start trading on MIAX Emerald beginning Friday, March 1, 2019, and, as set forth in MIAX Emerald Rule 503(d), MIAX Emerald 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
IBM	International Business Machines Corporation	IBM	NYSE

Regulatory questions may be directed to <u>Regulatory@MIAXOptions.com</u> or (609) 897-7309.