

DATE: March 28, 2018

TO: MIAX Options Members

FROM: MIAX Options Regulatory Department

RE: Opening and Intra-day Quote Width Requirements for Certain Symbols Trading on MIAX

Options Extended Through, June 29, 2018

As provided for under MIAX Options Rule 603(b)(4)(ii), the maximum valid bid/ask differential for Market Makers stated in MIAX Options Rule 503(e)(2) and MIAX Options Rule 603(b)(4)(i) for the symbols listed below are as follows:

Option Symbol	Security Name	Maximum Valid Width During the Opening Rotation	Maximum Valid Width Following the Opening Rotation	MIAX Order Monitoring Setting
BKNG	BOOKING HOLDINGS, INC.	\$20.00	\$20.00	\$20.00

Option Symbol	Security Name	Maximum Valid Width During the Opening Rotation	Maximum Valid Width Following the Opening Rotation	MIAX Order Monitoring Setting
ADS	ALLIANCE DATA SYSTEMS CORP.	\$10.00	\$10.00	\$10.00
AMG	AFFILIATED MANAGERS GROUP, INC.	\$10.00	\$10.00	\$10.00
AMZN	AMAZON.COM, INC.	\$10.00	\$10.00	\$10.00
AZO	AUTOZONE, INC.	\$10.00	\$10.00	\$10.00
BIDU	BAIDU, INC.	\$10.00	\$10.00	\$10.00
BIIB	BIOGEN IDEC, INC.	\$10.00	\$10.00	\$10.00
BLK	BLACKROCK, INC.	\$10.00	\$10.00	\$10.00
BLUE	BLUEBIRD BIO, INC.	\$10.00	\$10.00	\$10.00
BRKB	BERKSHIRE HATHAWAY, INC.	\$10.00	\$10.00	\$10.00
CMG	CHIPOTLE MEXICAN GRILL, INC.	\$10.00	\$10.00	\$10.00
EOG	EOG RESOURCES, INC.	\$10.00	\$10.00	\$10.00
EQIX	EQUINIX, INC.	\$10.00	\$10.00	\$10.00
ESS	ESSEX PROPERTY TRUST, INC.	\$10.00	\$10.00	\$10.00
FFIV	F5 NETWORKS, INC.	\$10.00	\$10.00	\$10.00
GOOG	ALPHABET, INC. CLASS C	\$10.00	\$10.00	\$10.00

GOOGL ALPHABET, INC. CLASS A \$10.00 \$10.00 \$10.00 GWW GRAINGER, W.W., INC. \$10.00 \$10.00 \$10.00 ICPT INTERCEPT PHARMACEUTICALS, INC. \$10.00 \$10.00 \$10.00 ISRG INTUITIVE SURGICAL, INC. \$10.00 \$10.00 \$10.00 JAZZ JAZZ PHARMACEUTICALS PLC \$10.00 \$10.00 \$10.00 LMT LOCKHEED MARTIN CORPORATION \$10.00 \$10.00 \$10.00 MDY SPDR S&P MIDCAP 400 \$10.00 \$10.00 \$10.00 MHK MOHAWK INDUSTRIES, INC. \$10.00 \$10.00 \$10.00 MLM MARTIN MARIETTA MATERIALS, INC. \$10.00 \$10.00 \$10.00 MSG THE MADISON SQUARE GARDEN COMPANY \$10.00 \$10.00 \$10.00 NFLX NETFLIX, INC. \$10.00 \$10.00 \$10.00 NOC NORTHROP GRUMMAN CORP. \$10.00 \$10.00 \$10.00 NTES NETEASE, INC. \$10.00 \$10.00 \$10.00 PPG PPG					
ICPT INTERCEPT PHARMACEUTICALS, INC. \$10.00 \$10.00 ISRG INTUITIVE SURGICAL, INC. \$10.00 \$10.00 JAZZ JAZZ PHARMACEUTICALS PLC \$10.00 \$10.00 LMT LOCKHEED MARTIN CORPORATION \$10.00 \$10.00 MDY SPDR S&P MIDCAP 400 \$10.00 \$10.00 MHK MOHAWK INDUSTRIES, INC. \$10.00 \$10.00 MLM MARTIN MARIETTA MATERIALS, INC. \$10.00 \$10.00 MSG THE MADISON SQUARE GARDEN COMPANY \$10.00 \$10.00 NFLX NETFLIX, INC. \$10.00 \$10.00 NOC NORTHROP GRUMMAN CORP. \$10.00 \$10.00 NTES NETEASE, INC. \$10.00 \$10.00 O'REILLY AUTOMOTIVE, INC. \$10.00 \$10.00 \$10.00 PPG PPG INDUSTRIES, INC. \$10.00 \$10.00 \$10.00 REGN REGENERON PHARMACEUTICALS, INC. \$10.00 \$10.00 \$10.00 SHW THE SHERWIN-WILLIAMS COMPANY \$10.00 \$10.00 \$10.00	GOOGL	ALPHABET, INC. CLASS A	\$10.00	\$10.00	\$10.00
ISRG	GWW	GRAINGER, W.W., INC.	\$10.00	\$10.00	\$10.00
JAZZ JAZZ PHARMACEUTICALS PLC \$10.00 \$10.00 \$10.00 LMT LOCKHEED MARTIN CORPORATION \$10.00 \$10.00 \$10.00 MDY SPDR S&P MIDCAP 400 \$10.00 \$10.00 \$10.00 MHK MOHAWK INDUSTRIES, INC. \$10.00 \$10.00 \$10.00 MLM MARTIN MARIETTA MATERIALS, INC. \$10.00 \$10.00 \$10.00 MSG THE MADISON SQUARE GARDEN COMPANY \$10.00 \$10.00 \$10.00 NFLX NETFLIX, INC. \$10.00 \$10.00 \$10.00 NOC NORTHROP GRUMMAN CORP. \$10.00 \$10.00 \$10.00 NTES NETEASE, INC. \$10.00 \$10.00 \$10.00 O'REILLY AUTOMOTIVE, INC. \$10.00 \$10.00 \$10.00 PPG PPG INDUSTRIES, INC. \$10.00 \$10.00 \$10.00 REGN REGENERON PHARMACEUTICALS, INC. \$10.00 \$10.00 \$10.00 SHW THE SHERWIN-WILLIAMS COMPANY \$10.00 \$10.00 \$10.00 SIVB SVB FINANCIAL GROUP	ICPT	INTERCEPT PHARMACEUTICALS, INC.	\$10.00	\$10.00	\$10.00
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MDY SPDR S&P MIDCAP 400 \$10.00 \$10.00 \$10.00 MHK MOHAWK INDUSTRIES, INC. \$10.00 \$10.00 \$10.00 MLM MARTIN MARIETTA MATERIALS, INC. \$10.00 \$10.00 \$10.00 MSG THE MADISON SQUARE GARDEN COMPANY \$10.00 \$10.00 \$10.00 NFLX NETFLIX, INC. \$10.00 \$10.00 \$10.00 NOC NORTHROP GRUMMAN CORP. \$10.00 \$10.00 \$10.00 NTES NETEASE, INC. \$10.00 \$10.00 \$10.00 ORLY O'REILLY AUTOMOTIVE, INC. \$10.00 \$10.00 \$10.00 PPG PPG INDUSTRIES, INC. \$10.00 \$10.00 \$10.00 REGN REGENERON PHARMACEUTICALS, INC. \$10.00 \$10.00 \$10.00 RL RALPH LAUREN CORPORATION \$10.00 \$10.00 \$10.00 SHW THE SHERWIN-WILLIAMS COMPANY \$10.00 \$10.00 \$10.00 SIVB SVB FINANCIAL GROUP \$10.00 \$10.00 \$10.00 TSLA TESLA,	JAZZ	JAZZ PHARMACEUTICALS PLC	\$10.00	\$10.00	\$10.00
MHK MOHAWK INDUSTRIES, INC. \$10.00 \$10.00 \$10.00 MLM MARTIN MARIETTA MATERIALS, INC. \$10.00 \$10.00 \$10.00 MSG THE MADISON SQUARE GARDEN COMPANY \$10.00 \$10.00 \$10.00 NFLX NETFLIX, INC. \$10.00 \$10.00 \$10.00 NOC NORTHROP GRUMMAN CORP. \$10.00 \$10.00 \$10.00 NTES NETEASE, INC. \$10.00 \$10.00 \$10.00 ORLY O'REILLY AUTOMOTIVE, INC. \$10.00 \$10.00 \$10.00 PPG PPG INDUSTRIES, INC. \$10.00 \$10.00 \$10.00 REGN REGENERON PHARMACEUTICALS, INC. \$10.00 \$10.00 \$10.00 RL RALPH LAUREN CORPORATION \$10.00 \$10.00 \$10.00 SHW THE SHERWIN-WILLIAMS COMPANY \$10.00 \$10.00 \$10.00 SIVB SVB FINANCIAL GROUP \$10.00 \$10.00 \$10.00 TSLA TESLA, INC. \$10.00 \$10.00 \$10.00 TDG TRANSDIGM GROU	LMT	LOCKHEED MARTIN CORPORATION	\$10.00	\$10.00	\$10.00
MLM MARTIN MARIETTA MATERIALS, INC. \$10.00 \$10.00 MSG THE MADISON SQUARE GARDEN COMPANY \$10.00 \$10.00 \$10.00 NFLX NETFLIX, INC. \$10.00 \$10.00 \$10.00 NOC NORTHROP GRUMMAN CORP. \$10.00 \$10.00 \$10.00 NTES NETEASE, INC. \$10.00 \$10.00 \$10.00 ORLY O'REILLY AUTOMOTIVE, INC. \$10.00 \$10.00 \$10.00 PPG PPG INDUSTRIES, INC. \$10.00 \$10.00 \$10.00 REGN REGENERON PHARMACEUTICALS, INC. \$10.00 \$10.00 \$10.00 RL RALPH LAUREN CORPORATION \$10.00 \$10.00 \$10.00 SHW THE SHERWIN-WILLIAMS COMPANY \$10.00 \$10.00 \$10.00 SIVB SVB FINANCIAL GROUP \$10.00 \$10.00 \$10.00 TSLA TESLA, INC. \$10.00 \$10.00 \$10.00 TDG TRANSDIGM GROUP, INC. \$10.00 \$10.00 \$10.00	MDY	SPDR S&P MIDCAP 400	\$10.00	\$10.00	\$10.00
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ORLY O'REILLY AUTOMOTIVE, INC. \$10.00 \$10.00 \$10.00 PPG PPG INDUSTRIES, INC. \$10.00 \$10.00 \$10.00 REGN REGENERON PHARMACEUTICALS, INC. \$10.00 \$10.00 \$10.00 RL RALPH LAUREN CORPORATION \$10.00 \$10.00 \$10.00 SHW THE SHERWIN-WILLIAMS COMPANY \$10.00 \$10.00 \$10.00 SIVB SVB FINANCIAL GROUP \$10.00 \$10.00 \$10.00 TSLA TESLA, INC. \$10.00 \$10.00 \$10.00 TDG TRANSDIGM GROUP, INC. \$10.00 \$10.00 \$10.00	NOC	NORTHROP GRUMMAN CORP.	\$10.00	\$10.00	\$10.00
PPG PPG INDUSTRIES, INC. \$10.00 \$10.00 \$10.00 REGN REGENERON PHARMACEUTICALS, INC. \$10.00 \$10.00 \$10.00 RL RALPH LAUREN CORPORATION \$10.00 \$10.00 \$10.00 SHW THE SHERWIN-WILLIAMS COMPANY \$10.00 \$10.00 \$10.00 SIVB SVB FINANCIAL GROUP \$10.00 \$10.00 \$10.00 TSLA TESLA, INC. \$10.00 \$10.00 \$10.00 TDG TRANSDIGM GROUP, INC. \$10.00 \$10.00 \$10.00	NTES	NETEASE, INC.	\$10.00	\$10.00	\$10.00
REGN REGENERON PHARMACEUTICALS, INC. \$10.00 \$10.00 \$10.00 RL RALPH LAUREN CORPORATION \$10.00 \$10.00 \$10.00 SHW THE SHERWIN-WILLIAMS COMPANY \$10.00 \$10.00 \$10.00 SIVB SVB FINANCIAL GROUP \$10.00 \$10.00 \$10.00 TSLA TESLA, INC. \$10.00 \$10.00 \$10.00 TDG TRANSDIGM GROUP, INC. \$10.00 \$10.00 \$10.00	ORLY	O'REILLY AUTOMOTIVE, INC.	\$10.00	\$10.00	\$10.00
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SHW THE SHERWIN-WILLIAMS COMPANY \$10.00 \$10.00 \$10.00 SIVB SVB FINANCIAL GROUP \$10.00 \$10.00 \$10.00 TSLA TESLA, INC. \$10.00 \$10.00 \$10.00 TDG TRANSDIGM GROUP, INC. \$10.00 \$10.00 \$10.00	REGN	REGENERON PHARMACEUTICALS, INC.	\$10.00	\$10.00	\$10.00
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TSLA TESLA, INC. \$10.00 \$10.00 TDG TRANSDIGM GROUP, INC. \$10.00 \$10.00	SHW	THE SHERWIN-WILLIAMS COMPANY	\$10.00	\$10.00	\$10.00
TDG TRANSDIGM GROUP, INC. \$10.00 \$10.00	SIVB	SVB FINANCIAL GROUP	\$10.00	\$10.00	\$10.00
72000 72000	TSLA	TESLA, INC.	\$10.00	\$10.00	\$10.00
LILTA LILTA CALON COCMETICS & FRACRANCE INC. \$10.00 \$10.00 \$10.00	TDG	TRANSDIGM GROUP, INC.	\$10.00	\$10.00	\$10.00
OLTA OLTA SALON COSMETICS & FRAGRANCE, INC. \$10.00 \$10.00 \$10.00	ULTA	ULTA SALON COSMETICS & FRAGRANCE, INC.	\$10.00	\$10.00	\$10.00
ULTIULTIMATE SOFTWARE GROUP, INC.\$10.00\$10.00\$10.00	ULTI	ULTIMATE SOFTWARE GROUP, INC.	\$10.00	\$10.00	\$10.00
WAT WATERS CORPORATION \$10.00 \$10.00 \$10.00	WAT	WATERS CORPORATION	\$10.00	\$10.00	\$10.00
WDAY WORKDAY, INC. \$10.00 \$10.00 \$10.00	WDAY	WORKDAY, INC.	\$10.00	\$10.00	\$10.00
WYNN WYNN RESORTS LTD. \$10.00 \$10.00 \$10.00	WYNN	WYNN RESORTS LTD.	\$10.00	\$10.00	\$10.00

The valid quote width requirements listed above apply to both Standard and Priority quotes as defined in MIAX Options Rule 517(a)(1) and MIAX Options Rule 517(b).

Additionally, as provided for under MIAX Options Rule 519(a)(2)(ii), the Exchange has established a difference other than the bid/ask differential for the MIAX Options Order Monitoring setting described in MIAX Options Rule 519(a)(2)(i) regarding the symbols listed in the table above.

The maximum priority quote width for Long-Term Options in the above listed symbols has an opening multiplier of two times (2X) and an intra-day multiplier of one time (1X).

The above market maker quote requirements are currently in effect and will remain in effect through Friday, June 29, 2018, unless withdrawn by the Exchange prior to that time.

As provided for under MIAX Options Rule 603(b)(5), the bid/ask differentials stated in MIAX Options Rule 503(e)(2) and MIAX Options Rule 603(b)(4)(i) shall not apply to in-the-money options where the underlying

security's market is wider than the differentials set forth above. For these options, the bid/ask differential may be as wide as the quotation on the primary market of the underlying security.

For Market Maker requirements please refer to http://www.miaxoptions.com/market-maker-requirements.

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