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Miami International Holdings Reports August 2022 Trading Results; MIAX Options, MIAX Pearl Equities and SPIKES Futures Set Year-to-Date Volume Records

PRINCETON, N.J. — September 7, 2022 — Miami International Holdings, Inc. (MIH) today reported August 2022 trading results for its U.S. exchange subsidiaries – MIAX®, MIAX Pearl® and MIAX Emerald® (together, the MIAX Exchange Group™), and Minneapolis Grain Exchange (MGEX™).

August 2022 Trading Volume Highlights

- Total U.S. multi-listed options market share for the MIAX Exchange Group reached 12.79%, representing a 16.0% year-over-year (YoY) decrease. A total of 108.1 million multi-listed options contracts were executed on the MIAX Exchange Group, representing a 6.8% decrease YoY and an average daily volume (ADV) of 4,699,129 contracts. Total year-to-date (YTD) volume reached 863.8 million contracts, a decrease of 1.7% from the same period in 2021.
- MIAX Options reported record YTD volume of 360.6 million contracts, up 6.0% from the same period in 2021, with volume reaching 47.0 million contracts in August 2022, a 0.3% YoY decrease. MIAX Emerald reported YTD volume of 217.2 million contracts, an 8.1% decrease from the same period in 2021, with volume totaling 25.4 million contracts in August 2022, a 39.2% YoY decrease. MIAX Pearl reported YTD volume of 286.0 million contracts, a 5.2% decrease from the same period in 2021, with volume totaling 35.7 million contracts in August 2022, a 31.9% YoY increase.
- In U.S. equities, MIAX Pearl Equities™ reported volume of 2.4 billion shares in August 2022, representing a 210.2% increase YoY and a market share of 0.98%. Total YTD volume reached a record 19.6 billion shares, a 316.9% increase from the same period in 2021.
- In U.S. futures, MGEX, a Designated Contract Market (DCM) and Derivatives Clearing Organization (DCO), reported trading volume of 376,441 contracts in August 2022, a 4.6% decrease YoY. Total YTD volume reached 2,400,396 contracts, a decrease of 3.0% from the same period in 2021.
- SPIKES® Futures volume totaled 160,628 contracts in August 2022, representing an 87.0% increase YoY and an average daily volume of 6,984 contracts. Total YTD volume reached a record of 538,417 contracts, a 314.8% increase YoY.

Additional MIAX Exchange Group and MGEX volume details are included in the following tables.

Multi-Listed Options Trading Volume for MIAX Exchange Group, Current Month						Year-to-Date Comparison		
Multi-Listed Options Contracts	Aug-22	Aug-21	% Chg	Jul-22	% Chg	Aug-22	Aug-21	% Chg
Trading Days	23	22		20		167	167	
U.S. Equity Options Industry	845,104,433	761,891,872	10.9%	685,359,630	23.3%	6,285,805,288	6,132,683,722	2.5%
MIAX Exchange Group	108,079,977	116,013,478	-6.8%	92,981,667	16.2%	863,818,014	878,372,405	-1.7%
MIAX Options	46,972,524	47,123,249	-0.3%	40,410,802	16.2%	360,617,154	340,247,261	6.0%
MIAX Pearl	35,696,808	27,068,706	31.9%	31,905,134	11.9%	286,036,788	301,731,215	-5.2%
MIAX Emerald	25,410,645	41,821,523	-39.2%	20,665,731	23.0%	217,164,072	236,393,929	-8.1%
Multi-Listed Options ADV	Aug-22	Aug-21	% Chg	Jul-22	% Chg	Aug-22	Aug-21	% Chg
U.S. Equity Options Industry	36,743,671	34,631,449	6.1%	34,267,982	7.2%	37,639,553	36,722,657	2.5%
MIAX Exchange Group	4,699,129	5,273,340	-10.9%	4,649,083	1.1%	5,172,563	5,259,715	-1.7%
MIAX Options	2,042,284	2,141,966	-4.7%	2,020,540	1.1%	2,159,384	2,037,409	6.0%
MIAX Pearl	1,552,035	1,230,396	26.1%	1,595,257	-2.7%	1,712,795	1,806,774	-5.2%
MIAX Emerald	1,104,811	1,900,978	-41.9%	1,033,287	6.9%	1,300,384	1,415,533	-8.1%
Multi-Listed Options Market Share for MIAX Exchange Group, Current Month						Year-to-Date Comparison		
Multi-Listed Options Market Share	Aug-22	Aug-21	% Chg	Jul-22	% Chg	Aug-22	Aug-21	% Chg
MIAX Exchange Group	12.79%	15.23%	-16.0%	13.57%	-5.7%	13.74%	14.32%	-4.1%
MIAX Options	5.56%	6.19%	-10.1%	5.90%	-5.7%	5.74%	5.55%	3.4%
MIAX Pearl	4.22%	3.55%	18.9%	4.66%	-9.3%	4.55%	4.92%	-7.5%
MIAX Emerald	3.01%	5.49%	-45.2%	3.02%	-0.3%	3.45%	3.85%	-10.4%

Equities Trading Volume for MIAX Pearl Equities, Current Month						Year-to-Date Comparison		
Equities Shares (millions)	Aug-22	Aug-21	% Chg	Jul-22	% Chg	Aug-22	Aug-21	% Chg
Trading Days	23	22		20		167	167	
U.S. Equities Industry	243,296	198,029	22.9%	214,812	13.3%	2,036,953	1,959,231	4.0%
Miax Pearl Volume	2,396	773	210.2%	1,962	22.1%	19,624	4,708	316.9%
MIAX Pearl ADV	104	35	196.7%	98	6.2%	118	28	316.9%
MIAX Pearl Market Share	0.98%	0.39%	152.5%	0.91%	7.8%	0.96%	0.24%	301.0%

Futures & Options Trading Volume for MGEX, Current Month						Year-to-Date Comparison		
Futures & Options Contracts	Aug-22	Aug-21	% Chg	Jul-22	% Chg	Aug-22	Aug-21	% Chg
Trading Days	23	22		20		167	167	
MGEX Futures Volume	376,441	394,528	-4.6%	236,941	58.9%	2,400,396	2,475,882	-3.0%
MGEX ADV	16,367	17,933	-8.7%	11,847	38.2%	14,374	14,826	-3.0%

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About MIAX

MIAX's parent holding company, Miami International Holdings, Inc., owns Miami International Securities Exchange, LLC (MIAX[®]), MIAX PEARL, LLC (MIAX Pearl[®]), MIAX Emerald, LLC (MIAX Emerald[®]), Minneapolis Grain Exchange, LLC (MGEX[™]), and The Bermuda Stock Exchange (BSX[™]).

MIAX, MIAX Pearl and MIAX Emerald are national securities exchanges registered with the Securities and Exchange Commission (SEC) that are enabled by our in-house built, proprietary technology. MIAX offers trading of options on all three exchanges as well as cash equities through MIAX Pearl Equities[™]. The MIAX trading platform was built to meet the high-performance quoting demands of the U.S. options trading industry and is differentiated by throughput, latency, reliability and wire-order determinism. MIAX also serves as the exclusive exchange venue for cash-settled options on the SPIKES[®] Volatility Index (Ticker: SPIKE), a measure of the expected 30-day volatility in the SPDR[®] S&P 500[®] ETF (SPY).

MGEX is a registered exchange with the Commodity Futures Trading Commission (CFTC) and serves as the exclusive market for a variety of products including Hard Red Spring Wheat and SPIKES Futures. MGEX is a

Designated Contract Market (DCM) and Derivatives Clearing Organization (DCO) under the CFTC, providing DCM, DCO and cash market services in an array of asset classes.

BSX is a fully electronic, vertically integrated international securities market headquartered in Bermuda and organized in 1971. BSX specializes in the listing and trading of capital market instruments such as equities, debt issues, funds, hedge funds, derivative warrants, and insurance linked securities.

MIAX's executive offices and National Operations Center are located in Princeton, N.J., with additional offices located in Miami, FL, Minneapolis, MN, and Hamilton, Bermuda.

To learn more about MIAX visit www.MIAXOptions.com.

To learn more about MGEX visit www.mgex.com.

To learn more about BSX visit www.bsx.com.

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