

Miami International Holdings Reports August 2021 Trading Results, MIAX Exchange Group Sets New Market Share and Volume Records; SPIKES Futures Volume at Record Levels

PRINCETON, N.J. — September 10, 2021 — Miami International Holdings, Inc. today reported August 2021 trading results for its U.S. exchange subsidiaries – MIAX®, MIAX Pearl® and MIAX Emerald® (together, the MIAX Exchange Group™) and the Minneapolis Grain Exchange (MGEX).

The MIAX Exchange Group reported a number of new volume and market share records for multi-list options trading including a 16.82% single day market share record on August 6, 2021. In addition, MIAX Emerald reported a 5.49% market share record for August 2021 and a monthly volume record of 41,821,523 contracts. The total U.S. multi-listed options market share of 15.23% in August 2021 was 304 basis points higher than the 12.19% market share in August 2020 and represented a 24.9% increase.

The MIAX Exchange Group collectively executed over 116.0 million multi-listed options contracts in August 2021, representing an average daily volume (ADV) of 5,273,340 contracts.

In U.S. equities, MIAX Pearl Equities™ executed 772,501,802 shares in August 2021, a monthly volume record and an increase of 4.2% from July 2021. The August 2021 total also represented a market share record of .39%.

In U.S. futures, MGEX executed 394,528 contracts in August 2021, the 3rd highest monthly total volume on record and representing an increase of 23.7% from the August 2020 total. Total volume during the January to August 2021 period reached 2,475,882 contracts, a 33.0% increase from the same period in 2020, while open interest totaled 82,128 contracts on August 31, 2021, an increase of 33.2% from the August 31, 2020 total.

SPIKES® Futures volume totaled a record 85,885 contracts in August 2021, up 156.3% from the 33,510 contract total in July 2021. SPIKES Futures volume reached a record ADV of 3,904 contracts in August 2021. In addition, SPIKES Futures volume on September 9, 2021 totaled a new daily record volume of 14,890 contracts.

Multi-Listed Options Contracts	Multi-Listed Options Trading Volume for MIAX Exchange Group, Current Month					Year-to-Date Comparison		
	Aug-21	Aug-20	% Chg	Jul-21	% Chg	Aug-21	Aug-20	% Chg
Trading Days	22	21		21		167	168	
U.S. Equity Options Industry	761,891,872	582,394,732	30.8%	749,029,013	1.7%	6,132,683,722	4,413,767,683	38.9%
MIAX Exchange Group	116,013,478	70,996,814	63.4%	116,326,908	-0.3%	878,372,405	518,728,761	69.3%
MIAX Options	47,123,249	28,298,707	66.5%	49,303,729	-4.4%	340,247,261	205,900,750	65.2%
MIAX Pearl	27,068,706	23,805,458	13.7%	34,237,820	-20.9%	301,731,215	204,748,354	47.4%
MIAX Emerald	41,821,523	18,892,649	121.4%	32,785,359	27.6%	236,393,929	108,079,657	118.7%

Multi-Listed Options ADV	Aug-21	Aug-20	% Chg	Jul-21	% Chg	Aug-21	Aug-20	% Chg
U.S. Multi-Listed Options Industry	34,631,449	27,733,082	24.9%	35,668,048	-2.9%	36,722,657	26,272,427	39.8%
MIAX Exchange Group	5,273,340	3,380,801	56.0%	5,539,377	-4.8%	5,259,715	3,087,671	70.3%
MIAX	2,141,966	1,347,557	59.0%	2,347,797	-8.8%	2,037,409	1,225,600	66.2%
MIAX Pearl	1,230,396	1,133,593	8.5%	1,630,372	-24.5%	1,806,774	1,218,740	48.2%
MIAX Emerald	1,900,978	899,650	111.3%	1,561,208	21.8%	1,415,533	643,331	120.0%
Multi-Listed Options Market Share for MIAX Exchange Group, Current Month						Year-to-Date Comparison		
Multi-Listed Options Market Share	Aug-21	Aug-20	% Chg	Jul-21	% Chg	Aug-21	Aug-20	% Chg
MIAX Exchange Group	15.23%	12.19%	24.9%	15.53%	-2.0%	14.32%	11.75%	21.9%
MIAX	6.19%	4.86%	27.3%	6.58%	-6.0%	5.55%	4.66%	18.9%
MIAX Pearl	3.55%	4.09%	-13.1%	4.57%	-22.3%	4.92%	4.64%	6.1%
MIAX Emerald	5.49%	3.24%	69.2%	4.38%	25.4%	3.85%	2.45%	57.4%

Equities Trading Volume for MIAX Pearl Equities, Current Month						Year-to-Date Comparison		
Equities Shares (millions)	Aug-21	Aug-20	% Chg	Jul-21	% Chg	Aug-21	Aug-20	% Chg
Trading Days	22	21		21		167	168	
U.S. Equities Volume – Industry	198,022	0	NA	204,551	-3.2%	1,958,438	0	NA
MIAX Pearl Volume	773	0	NA	741	4.2%	4,708	0	NA
MIAX Pearl ADV	35	0	NA	35	-0.5%	28	0	NA
MIAX Pearl Market Share	0.39%	NA	NA	0.36%	7.7%	0.24%	NA	NA

Futures & Options Trading Volume for MGEX, Current Month						Year-to-Date Comparison		
Futures & Options Contracts	Aug-21	Aug-20	% Chg	Jul-21	% Chg	Aug-21	Aug-20	% Chg
Trading Days	22	21		21		167	168	
MGEX Volume	394,528	318,992	23.7%	297,235	32.7%	2,475,882	1,861,398	33.0%
MGEX ADV	17,933	15,190	18.1%	14,154	26.7%	14,826	11,080	33.8%

July 2021 Market Share and Volume Records:

miax		MIAX Exchange Group Multi-Listed Options Records	
Single Day	Market Share	16.82%	August 6, 2021

miax Emerald		MIAX Emerald Multi-Listed Options Records	
Monthly	Market Share	5.49%	August 2021
Monthly	Volume	41,821,523	August 2021

For further information regarding MIAX, please visit www.MIAXOptions.com or contact MIAX Trading Operations at TradingOperations@MIAXOptions.com.

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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®), the 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 leverage MIAX's industry-leading technology and infrastructure to provide U.S. listed options trading to their member firms. MIAX 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). In addition to options, MIAX Pearl facilitates the trading of cash equities through MIAX Pearl Equities™.

MGEX is a registered exchange with the Commodity Futures Trading Commission (CFTC) and is a Notice Registered Securities Futures Product Exchange with the SEC. MGEX serves as the exclusive market for a variety of products, including Hard Red Spring Wheat and SPIKES Futures. In addition, 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.

The BSX is a leading electronic international securities market regulated by the Bermuda Monetary Authority (BMA) specializing in the listing and trading of capital market instruments such as equities, debt issues, funds, hedge funds, derivative warrants and insurance linked securities. A full member of the World Federation of Exchanges and affiliate member of the International Organization of Securities Commissions, the BSX is globally recognized, including by the SEC.

MIAX's executive offices and National Operations Center are located in Princeton, NJ, 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 the BSX visit www.BSX.com.

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