

MLCO.606 - Held NMS Stocks and Options Order Routing Public Report

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3rd Quarter, 2021

July 2021

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
-	-	-	-	-

Venues

Venue - Non- directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
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July 2021

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
-	-	-	-	-

Venues

Venue - Non- directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
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July 2021

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.01	0.99	99.00	0.00

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Market Orders(cents per hundred shares)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)
NYSE ARCA OPTIONS	25.53	0.00	14.91	25.64	0.00	0.00	0.0000	53,015.91	53.8375	-201,168.86	-55.8292	0.00	0.0000
Cboe Exchange, Inc.	21.78	0.00	12.10	21.87	100.00	0.00	0.0000	49,227.29	35.0255	10,817.16	21.2693	6,427.28	59.0309
Cboe C2 Exchange, Inc.	9.34	0.00	5.33	9.38	0.00	0.00	0.0000	55,922.03	35.8718	-27,466.68	-36.9489	0.00	0.0000
NASDAQ OPTIONS MARKET	7.64	0.00	14.96	7.57	0.00	0.00	0.0000	95,279.03	48.5726	-64,993.36	-67.4177	0.00	0.0000
PHILADELPHIA OPTIONS EXCHANGE	6.87	0.00	5.92	6.88	0.00	0.00	0.0000	15,129.63	21.3006	2,533.24	18.1127	0.00	0.0000
INTERNATIONAL SECURITIES EXCHANGE, LLC	6.29	0.00	2.24	6.33	0.00	0.00	0.0000	7,029.61	24.0641	-6,894.19	-54.8071	0.00	0.0000
CBOE BZX OPTIONS EXCHANGE	6.27	0.00	10.65	6.23	0.00	0.00	0.0000	109,953.11	51.8975	1,876.80	7.7158	0.00	0.0000
NYSE AMEX OPTIONS	5.47	0.00	3.61	5.49	0.00	0.00	0.0000	5,491.50	13.3134	573.00	9.6791	0.00	0.0000
Nasdaq GEMX, LLC	4.47	0.00	4.63	4.47	0.00	0.00	0.0000	27,847.72	47.5461	-1,406.33	-29.6506	0.00	0.0000
MIAMI INTERNATIONAL SECURITIES EXCHANGE	2.42	0.00	3.27	2.41	0.00	0.00	0.0000	3,554.94	11.3595	140.72	7.0080	0.00	0.0000

Material Aspects:

NYSE ARCA OPTIONS:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS qualified for various tier pricing during this quarter. In July, August and September, BofAS qualified for an additional \$0.25 customer posting rebate in both Penny Interval Program symbols and Non-Penny Interval Program symbols. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule at: https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf.

Cboe Exchange, Inc.:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. In addition, BofAS participates in, and may receive a marketing fee credit under this exchange's SEC approved and administered Marketing Fee Program. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule at: https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf

Cboe C2 Exchange, Inc.:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule at: https://markets.cboe.com/us/options/membership/fee_schedule/ctwo/

NASDAQ OPTIONS MARKET:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS qualified for various tier pricing during this quarter. In July, August and July, BofAS qualified for an additional \$0.30 customer posting rebate in Penny Interval Program symbols and an additional \$0.20 customer posting rebate in non- Penny Interval Program symbols. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule available at: <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules>.

PHILADELPHIA OPTIONS EXCHANGE:
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INTERNATIONAL SECURITIES EXCHANGE, LLC:
When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule available at: <https://listingcenter.nasdaq.com/rulebook/ise/rules>.

CBOE BZX OPTIONS EXCHANGE:
When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule at: https://markets.cboe.com/us/options/membership/fee_schedule/bato/

NYSE AMEX OPTIONS:
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Nasdaq GEMX, LLC:
When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule available at: <https://listingcenter.nasdaq.com/rulebook/gemx/rules>.

MIAMI INTERNATIONAL SECURITIES EXCHANGE:
When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. In addition, BofAS participates in, and may receive a marketing fee credit under this exchange's approved and administered Marketing Fee Program. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule at: <https://www.miaxoptions.com/fees>. BofAS or an affiliate also own an equity stake in Miami International Holdings, Inc., which is the parent company of the MIAAX family of options exchanges, including the Miami International Securities Exchange.

August 2021

S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
-	-	-	-	-

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(USD)	Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Non-Marketable Limit Orders(USD)	Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/Received for Other Orders(cents per hundred shares)

August 2021

Non-S&P 500 Stocks

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
-	-	-	-	-

Venues

Venue - Non- directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
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August 2021

Options

Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non- Directed Orders	Non-Marketable Limit Orders as % of Non- Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.01	0.99	99.00	0.00

Venues

Venue - Non- directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
NYSE ARCA OPTIONS	32.25	0.00	10.97	32.46	0.00	0.00	0.0000	55,176.80	54.3244	-206,097.65	-57.1557	0.00	0.0000
Cboe C2 Exchange, Inc.	11.11	0.00	5.83	11.17	0.00	0.00	0.0000	66,855.82	37.4042	-29,792.11	-36.3349	0.00	0.0000
PHILADELPHIA OPTIONS EXCHANGE	9.49	0.00	6.12	9.53	0.00	0.00	0.0000	18,683.37	21.7236	5,359.41	17.2423	0.00	0.0000
NASDAQ OPTIONS MARKET	9.43	0.00	14.74	9.38	0.00	0.00	0.0000	102,748.14	49.8562	-72,008.45	-65.9920	0.00	0.0000
CBOE BZX OPTIONS EXCHANGE	7.81	0.00	10.97	7.78	0.00	0.00	0.0000	105,007.34	51.8632	2,370.48	8.5398	0.00	0.0000
NYSE AMEX OPTIONS	7.51	0.00	3.87	7.55	0.00	0.00	0.0000	6,404.65	14.7311	989.47	20.9678	0.00	0.0000
INTERNATIONAL SECURITIES EXCHANGE, LLC	7.18	0.00	2.54	7.22	0.00	0.00	0.0000	7,402.40	23.2466	-10,961.43	-54.6705	0.00	0.0000
Nasdaq GEMX, LLC	4.30	0.00	4.70	4.30	0.00	0.00	0.0000	26,685.16	48.0502	-355.91	-7.1497	0.00	0.0000

Venue - Non-directed Order Flow	Non- Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non- Marketable Limit Orders (%)	Other Orders (%)	Net Payment Paid/Received for Market Orders(USD)	Net Payment Paid/ Received for Market Orders(cents per hundred shares)	Net Payment Paid/ Received for Marketable Limit Orders(USD)	Net Payment Paid/ Received for Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/ Received for Non- Marketable Limit Orders(USD)	Net Payment Paid/ Received for Non- Marketable Limit Orders(cents per hundred shares)	Net Payment Paid/Received for Other Orders(USD)	Net Payment Paid/ Received for Other Orders(cents per hundred shares)
Cboe Exchange, Inc.	3.65	0.21	14.03	3.55	100.00	0.00	0.0000	62,747.34	32.9775	9,266.35	18.8016	7,963.98	59.2029
MIAMI INTERNATIONAL SECURITIES EXCHANGE	2.82	0.00	2.55	2.83	0.00	0.00	0.0000	2,777.22	8.5722	1,214.13	30.6831	0.00	0.0000

Material Aspects:

NYSE ARCA OPTIONS:

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PHILADELPHIA OPTIONS EXCHANGE:

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CBOE BZX OPTIONS EXCHANGE:

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NYSE AMEX OPTIONS:

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INTERNATIONAL SECURITIES EXCHANGE, LLC:

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MIAMI INTERNATIONAL SECURITIES EXCHANGE:

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Venues

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September 2021

Options

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Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	0.00	0.16	99.84	0.00

Venues

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NYSE ARCA OPTIONS	15.63	0.00	10.90	15.64	0.00	0.00	0.0000	60,219.38	53.6070	-202,465.44	-50.8669	0.00	0.0000
Cboe C2 Exchange, Inc.	13.34	0.00	5.73	13.35	0.00	0.00	0.0000	56,573.72	34.6264	-25,199.69	-34.4861	0.00	0.0000
NYSE AMEX OPTIONS	11.90	0.00	3.61	11.91	0.00	0.00	0.0000	6,886.72	14.2302	1,247.93	13.7000	0.00	0.0000
CBOE BZX OPTIONS EXCHANGE	11.87	0.00	12.21	11.87	0.00	0.00	0.0000	93,673.72	44.1274	2,693.98	8.2655	0.00	0.0000
INTERNATIONAL SECURITIES EXCHANGE, LLC	11.47	0.00	2.64	11.49	0.00	0.00	0.0000	9,298.14	25.1485	-14,139.76	-59.6463	0.00	0.0000
Cboe Exchange, Inc.	8.81	0.46	12.44	8.80	100.00	0.00	0.0000	43,856.09	28.5499	9,783.33	12.6739	5,054.13	59.5094
Nasdaq GEMX, LLC	8.68	0.00	4.18	8.69	0.00	0.00	0.0000	23,991.09	46.3184	-1,656.40	-24.6416	0.00	0.0000
PHILADELPHIA OPTIONS EXCHANGE	5.68	0.00	6.48	5.68	0.00	0.00	0.0000	19,319.20	20.2563	5,484.21	25.5222	0.00	0.0000
NASDAQ OPTIONS MARKET	4.23	0.00	14.34	4.21	0.00	0.00	0.0000	91,725.49	45.4762	-69,370.17	-60.0124	0.00	0.0000
MIAMI INTERNATIONAL SECURITIES EXCHANGE	3.59	0.00	2.14	3.59	0.00	0.00	0.0000	2,030.43	7.7039	72.74	3.1246	0.00	0.0000

Material Aspects:

NYSE ARCA OPTIONS:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS qualified for various tier pricing during this quarter. In July, August and September, BofAS qualified for an additional \$0.25 customer posting rebate in both Penny Interval Program symbols and Non-Penny Interval Program symbols. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule at: https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf.

Cboe C2 Exchange, Inc.:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule at: https://markets.cboe.com/us/options/membership/fee_schedule/ctwo/

NYSE AMEX OPTIONS:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. In addition, BofAS participates in, and may receive a marketing fee credit under this exchange's SEC approved and administered Marketing Fee Program. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule at: https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

CBOE BZX OPTIONS EXCHANGE:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule at: https://markets.cboe.com/us/options/membership/fee_schedule/bato/

INTERNATIONAL SECURITIES EXCHANGE, LLC:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule available at: <https://listingcenter.nasdaq.com/rulebook/ise/rules>.

Cboe Exchange, Inc.:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. In addition, BofAS participates in, and may receive a marketing fee credit under this exchange's SEC approved and administered Marketing Fee Program. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule at: https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf

Nasdaq GEMX, LLC:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule available at: <https://listingcenter.nasdaq.com/rulebook/gemx/rules>.

PHILADELPHIA OPTIONS EXCHANGE:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. In addition, BofAS participates in, and may receive a marketing fee credit under this exchange's approved and administered Marketing Fee Program. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule available at: <https://listingcenter.nasdaq.com/rulebook/phlx/rules>.

NASDAQ OPTIONS MARKET:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. BofAS qualified for various tier pricing during this quarter. In July, August and July, BofAS qualified for an additional \$0.30 customer posting rebate in Penny Interval Program symbols and an additional \$0.20 customer posting rebate in non- Penny Interval Program symbols. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule available at: <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules>.

MIAMI INTERNATIONAL SECURITIES EXCHANGE:

When routing orders to this market center for execution, including client orders, BofA Securities, Inc. ("BofAS") pays fees or receives credits in accordance with this market center's published fee schedule, and may receive incremental pricing benefits if certain volume thresholds are met in accordance with such published fee schedule. In some cases, the credits offered by this market center to BofAS over a period of time may exceed the charges assessed. In addition, BofAS participates in, and may receive a marketing fee credit under this exchange's approved and administered Marketing Fee Program. BofAS did not qualify for any preferred tier pricing during this quarter. For additional information regarding the pricing tiers offered by this market center, please refer the current fee schedule at: <https://www.miaxoptions.com/fees>. BofAS or an affiliate also own an equity stake in Miami International Holdings, Inc., which is the parent company of the MIAX family of options exchanges, including the Miami International Securities Exchange.