

# Piper Sandler and Co - Held NMS Stocks and Options Order Routing Public Report

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3rd Quarter, 2023

July 2023

## 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
0.00	0.00	0.00	0.00	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)

Material Aspects:

July 2023

## 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
0.00	0.00	0.00	0.00	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)

Material Aspects:

July 2023

## 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	0.00	0.11	0.00	99.89

## 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)
CBOE FX NDFS (CBOE)	12.60	0.00	32.16	0.00	12.59	0.0000	0.0000	-26.3400	-0.0533	0.0000	0.0000	-14,773.1950	-0.2291
CBOE EDGX OPTIONS EXCHANGE (EDGO)	12.28	0.00	13.33	0.00	12.28	0.0000	0.0000	-30.0000	-0.1200	0.0000	0.0000	24,042.3000	0.3313
Box Options Exchange (XBOX)	11.58	0.00	22.72	0.00	11.57	0.0000	0.0000	332.3100	0.0550	0.0000	0.0000	30,339.8000	0.4314
INTERNATIONAL SECURITIES EXCHANGE, LLC (XISX)	11.29	0.00	3.93	0.00	11.30	0.0000	0.0000	-126.7000	-0.3875	0.0000	0.0000	-6,637.7300	-0.0713
ISE MERCURY, LLC (MCRY)	10.81	0.00	2.42	0.00	10.82	0.0000	0.0000	-150.5000	-0.4035	0.0000	0.0000	-3,773.5000	-0.0638
NASDAQ OMX PHLX (XPHL)	9.59	0.00	0.00	0.00	9.60	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-2,808.3600	-0.1122
NYSE Arca Options (ARCO)	9.20	0.00	0.00	25.00	9.21	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-17,483.1100	-0.1678
MIAX EMERALD, LLC (EMLD)	6.59	0.00	0.00	0.00	6.59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	800.7500	0.0560
CBOE C2 Options Exchange (C2OX)	5.18	0.00	0.00	0.00	5.18	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-15,673.7300	-0.3692
American Options Exchange (AMXO)	5.02	0.00	0.00	0.00	5.02	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1,987.7500	-0.3361

## Material Aspects:

### CBOE FX NDFS (CBOE):

The Firm did not qualify for tiered pricing with respect to customer order flow. For detailed fee information for this venue, please see the fee schedule at: CBOE: [https://www.cboe.com/us/options/membership/fee\\_schedule/cone/](https://www.cboe.com/us/options/membership/fee_schedule/cone/). Piper Sandler & Co. utilizes Dash Financial (DASH) as our primary routing venue for option orders. DASH will also route the equity leg of complex options orders. DASH provides Piper Sandler a suite of algos utilized to trade our client option orders, where the algo is determining the venues that the orders are routed to. DASH is also used to route orders to specific \$2 brokers on our behalf. We pay DASH a fee to utilize their services. In addition, Piper Sandler & Co. can route orders directly to external floor brokers (floor brokers) to execute on exchanges. Piper Sandler & Co. will pay the floor brokers a fee for their services. DASH and the floor brokers may pass through fees they were charged, or rebates they received (i.e. spread credit rebates) to Piper Sandler. One of the venues DASH utilizes as a routing vendor, Bank of America Securities (BofAS), gives Dash a better fee rate if BofAS has a better price tier than the base rate. DASH typically preferences Susquehanna for Exchange Marketing Fee purposes for orders routed to exchanges. DASH passes through 100% of the resulting exchange rebates and fees at DASH's tier pricing schedule. For more information on DASH routing, please see the DASH 606 reports at: <https://dashfinancial.com/rule-606/>

### CBOE EDGX OPTIONS EXCHANGE (EDGO):

The Firm did not qualify for tiered pricing with respect to customer order flow. For detailed fee information for this venue, please see the fee schedule at: EDGO: [https://www.cboe.com/us/options/membership/fee\\_schedule/edgx](https://www.cboe.com/us/options/membership/fee_schedule/edgx). Piper Sandler & Co. utilizes Dash Financial (DASH) as our primary routing venue for option orders. DASH will also route the equity leg of complex options orders. DASH provides Piper Sandler a suite of algos utilized to trade our client option orders, where the algo is determining the venues that the orders are routed to. DASH is also used to route orders to specific \$2 brokers on our behalf. We pay DASH a fee to utilize their services. In addition, Piper Sandler & Co. can route orders directly to external floor brokers (floor brokers) to execute on exchanges. Piper Sandler & Co. will pay the floor brokers a fee for their services. DASH and the floor brokers may pass through fees they were charged, or rebates they received (i.e. spread credit rebates) to Piper Sandler. One of the venues DASH utilizes as a routing vendor, Bank of America Securities (BofAS), gives Dash a better fee rate if BofAS has a better price tier than the base rate. DASH typically preferences Susquehanna for Exchange Marketing Fee purposes for orders routed to exchanges. DASH passes through 100% of the resulting exchange rebates and fees at DASH's tier pricing schedule. For more information on DASH routing, please see the DASH 606 reports at: <https://dashfinancial.com/rule-606/>

### Box Options Exchange (XBOX):

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#### INTERNATIONAL SECURITIES EXCHANGE, LLC (XISX):

The Firm did not qualify for tiered pricing with respect to customer order flow. For detailed fee information for this venue, please see the fee schedule at: ISE: <https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207>. Piper Sandler & Co. utilizes Dash Financial (DASH) as our primary routing venue for option orders. DASH will also route the equity leg of complex options orders. DASH provides Piper Sandler a suite of algos utilized to trade our client option orders, where the algo is determining the venues that the orders are routed to. DASH is also used to route orders to specific \$2 brokers on our behalf. We pay DASH a fee to utilize their services. In addition, Piper Sandler & Co. can route orders directly to external floor brokers (floor brokers) to execute on exchanges. Piper Sandler & Co. will pay the floor brokers a fee for their services. DASH and the floor brokers may pass through fees they were charged, or rebates they received (i.e. spread credit rebates) to Piper Sandler. One of the venues DASH utilizes as a routing vendor, Bank of America Securities (BofAS), gives Dash a better fee rate if BofAS has a better price tier than the base rate. DASH typically preferences Susquehanna for Exchange Marketing Fee purposes for orders routed to exchanges. DASH passes through 100% of the resulting exchange rebates and fees at DASH's tier pricing schedule. For more information on DASH routing, please see the DASH 606 reports at: <https://dashfinancial.com/rule-606/>

#### ISE MERCURY, LLC (MCRY):

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#### NASDAQ OMX PHLX (XPHL):

The Firm did not qualify for tiered pricing with respect to customer order flow. For detailed fee information for this venue, please see the fee schedule at: NASDAQ XPHL: [https://www.nasdaqtrader.com/content/phlx/PHLX\\_PricingSchedule.pdf](https://www.nasdaqtrader.com/content/phlx/PHLX_PricingSchedule.pdf). Piper Sandler & Co. utilizes Dash Financial (DASH) as our primary routing venue for option orders. DASH will also route the equity leg of complex options orders. DASH provides Piper Sandler a suite of algos utilized to trade our client option orders, where the algo is determining the venues that the orders are routed to. DASH is also used to route orders to specific \$2 brokers on our behalf. We pay DASH a fee to utilize their services. In addition, Piper Sandler & Co. can route orders directly to external floor brokers (floor brokers) to execute on exchanges. Piper Sandler & Co. will pay the floor brokers a fee for their services. DASH and the floor brokers may pass through fees they were charged, or rebates they received (i.e. spread credit rebates) to Piper Sandler. One of the venues DASH utilizes as a routing vendor, Bank of America Securities (BofAS), gives Dash a better fee rate if BofAS has a better price tier than the base rate. DASH typically preferences Susquehanna for Exchange Marketing Fee purposes for orders routed to exchanges. DASH passes through 100% of the resulting exchange rebates and fees at DASH's tier pricing schedule. For more information on DASH routing, please see the DASH 606 reports at: <https://dashfinancial.com/rule-606/>

#### NYSE Arca Options (ARCO):

The Firm did not qualify for tiered pricing with respect to customer order flow. For detailed fee information for this venue, please see the fee schedule at: NYSE ARCA OPTIONS (ARCO) : [https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE\\_Arca\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf) Piper Sandler & Co. utilizes Dash Financial (DASH) as our primary routing venue for option orders. DASH will also route the equity leg of complex options orders. DASH provides Piper Sandler a suite of algos utilized to trade our client option orders, where the algo is determining the venues that the orders are routed to. DASH is also used to route orders to specific \$2 brokers on our behalf. We pay DASH a fee to utilize their services. In addition, Piper Sandler & Co. can route orders directly to external floor brokers (floor brokers) to execute on exchanges. Piper Sandler & Co. will pay the floor brokers a fee for their services. DASH and the floor brokers may pass through fees they were charged, or rebates they received (i.e. spread credit rebates) to Piper Sandler. One of the venues DASH utilizes as a routing vendor, Bank of America Securities (BofAS), gives Dash a better fee rate if BofAS has a better price tier than the base rate. DASH typically preferences Susquehanna for Exchange Marketing Fee purposes for orders routed to exchanges. DASH passes through 100% of the resulting exchange rebates and fees at DASH's tier pricing schedule. For more information on DASH routing, please see the DASH 606 reports at: <https://dashfinancial.com/rule-606/>

#### MIAX EMERALD, LLC (EMLD):

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#### CBOE C2 Options Exchange (C2OX):

The Firm did not qualify for tiered pricing with respect to customer order flow. For detailed fee information for this venue, please see the fee schedule at: CBOE C2 Options (C2OX): [https://www.cboe.com/us/options/membership/fee\\_schedule/ctwo/](https://www.cboe.com/us/options/membership/fee_schedule/ctwo/). Piper Sandler & Co. utilizes Dash Financial (DASH) as our primary routing venue for option orders. DASH will also route the equity leg of complex options orders. DASH provides Piper Sandler a suite of algos utilized to trade our client option orders, where the algo is determining the venues that the orders are routed to. DASH is also used to route orders to specific \$2 brokers on our behalf. We pay DASH a fee to utilize their services. In addition, Piper Sandler & Co. can route orders directly to external floor brokers (floor brokers) to execute on exchanges. Piper Sandler & Co. will pay the floor brokers a fee for their services. DASH and the floor brokers may pass through fees they were charged, or rebates they received (i.e. spread credit rebates) to Piper Sandler. One of the venues DASH utilizes as a routing vendor, Bank of America Securities (BofAS), gives Dash a better fee rate if BofAS has a better price tier than the base rate. DASH typically preferences Susquehanna for Exchange Marketing Fee purposes for orders routed to exchanges. DASH passes through 100% of the resulting exchange rebates and fees at DASH's tier pricing schedule. For more information on DASH routing, please see the DASH 606 reports at: <https://dashfinancial.com/rule-606/>

#### American Options Exchange (AMXO):

The Firm did not qualify for tiered pricing with respect to customer order flow. For detailed fee information for this venue, please see the fee schedule at: American Options Exchange (AMXO): [https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE\\_American\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf) Piper Sandler & Co. utilizes Dash Financial (DASH) as our primary routing venue for option orders. DASH will also route the equity leg of complex options orders. DASH provides Piper Sandler a suite of algos utilized to trade our client option orders, where the algo is determining the venues that the orders are routed to. DASH is also used to route orders to specific \$2 brokers on our behalf. We pay DASH a fee to utilize their services. In addition, Piper Sandler & Co. can route orders directly to external floor brokers (floor brokers) to execute on exchanges. Piper Sandler & Co. will pay the floor brokers a fee for their services. DASH and the floor brokers may pass through fees they were charged, or rebates they received (i.e. spread credit rebates) to Piper Sandler. One of the venues DASH utilizes as a routing vendor, Bank of America Securities (BofAS), gives Dash a better fee rate if BofAS has a better price tier than the base rate. DASH typically preferences Susquehanna for Exchange Marketing Fee purposes for orders routed to exchanges. DASH passes through 100% of the resulting exchange rebates and fees at DASH's tier pricing schedule. For more information on DASH routing, please see the DASH 606 reports at: <https://dashfinancial.com/rule-606/>

## August 2023

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### S&P 500 Stocks



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 EDGX OPTIONS EXCHANGE (EDGO)	12.67	0.00	18.23	0.00	12.67	0.0000	0.0000	-26.3400	-0.0533	0.0000	0.0000	24,827.0100	0.3215
CBOE FX NDFS (CBOE)	12.46	0.00	26.01	0.00	12.44	0.0000	0.0000	-1,461.2975	-0.2130	0.0000	0.0000	-20,668.4950	-0.2608
Box Options Exchange (XBOX)	11.59	0.00	20.53	0.00	11.58	0.0000	0.0000	541.2300	0.0906	0.0000	0.0000	22,554.1500	0.3554
INTERNATIONAL SECURITIES EXCHANGE, LLC (XISX)	11.15	0.00	4.07	0.00	11.16	0.0000	0.0000	-425.8500	-0.3637	0.0000	0.0000	-5,781.0300	-0.0705
NASDAQ OMX PHLX (XPHL)	9.36	0.00	0.00	0.00	9.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-3,380.9400	-0.1182
ISE MERCURY, LLC (MCRY)	8.83	0.00	3.18	0.00	8.84	0.0000	0.0000	-385.9200	-0.1662	0.0000	0.0000	-5,176.2300	-0.0729
NYSE Arca Options (ARCO)	8.21	0.00	0.00	40.00	8.22	0.0000	0.0000	0.0000	0.0000	1.5600	0.7800	-24,263.6600	-0.2167
MIAX EMERALD, LLC (EMLD)	7.34	0.00	0.17	0.00	7.35	0.0000	0.0000	-30.0000	-0.1200	0.0000	0.0000	1,127.0700	0.0606
American Options Exchange (AMXO)	5.91	0.00	0.00	0.00	5.92	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1,297.8500	-0.1430
CBOE C2 Options Exchange (C2OX)	5.37	0.00	0.00	0.00	5.38	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-12,324.6300	-0.3265
MIAX Options Exchange (MIAX)	5.12	0.00	26.40	60.00	5.08	0.0000	0.0000	-335.3600	-0.0542	-3.1000	-0.0674	-1,009.7700	-0.0611

#### Material Aspects:

##### CBOE EDGX OPTIONS EXCHANGE (EDGO):

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##### INTERNATIONAL SECURITIES EXCHANGE, LLC (XISX):

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#### NASDAQ OMX PHLX (XPHL):

The Firm did not qualify for tiered pricing with respect to customer order flow. For detailed fee information for this venue, please see the fee schedule at: NASDAQ XPHL: [https://www.nasdaqtrader.com/content/phlx/PHLX\\_PricingSchedule.pdf](https://www.nasdaqtrader.com/content/phlx/PHLX_PricingSchedule.pdf). Piper Sandler & Co. utilizes Dash Financial (DASH) as our primary routing venue for option orders. DASH will also route the equity leg of complex options orders. DASH provides Piper Sandler a suite of algos utilized to trade our client option orders, where the algo is determining the venues that the orders are routed to. DASH is also used to route orders to specific \$2 brokers on our behalf. We pay DASH a fee to utilize their services. In addition, Piper Sandler & Co. can route orders directly to external floor brokers (floor brokers) to execute on exchanges. Piper Sandler & Co. will pay the floor brokers a fee for their services. DASH and the floor brokers may pass through fees they were charged, or rebates they received (i.e. spread credit rebates) to Piper Sandler. One of the venues DASH utilizes as a routing vendor, Bank of America Securities (BofAS), gives Dash a better fee rate if BofAS has a better price tier than the base rate. DASH typically preferences Susquehanna for Exchange Marketing Fee purposes for orders routed to exchanges. DASH passes through 100% of the resulting exchange rebates and fees at DASH's tier pricing schedule. For more information on DASH routing, please see the DASH 606 reports at: <https://dashfinancial.com/rule-606/>

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#### NYSE Arca Options (ARCO):

The Firm did not qualify for tiered pricing with respect to customer order flow. For detailed fee information for this venue, please see the fee schedule at: NYSE ARCA OPTIONS (ARCO) : [https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE\\_Arca\\_Options\\_Fee\\_Schedule.pdf](https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf) Piper Sandler & Co. utilizes Dash Financial (DASH) as our primary routing venue for option orders. DASH will also route the equity leg of complex options orders. DASH provides Piper Sandler a suite of algos utilized to trade our client option orders, where the algo is determining the venues that the orders are routed to. DASH is also used to route orders to specific \$2 brokers on our behalf. We pay DASH a fee to utilize their services. In addition, Piper Sandler & Co. can route orders directly to external floor brokers (floor brokers) to execute on exchanges. Piper Sandler & Co. will pay the floor brokers a fee for their services. DASH and the floor brokers may pass through fees they were charged, or rebates they received (i.e. spread credit rebates) to Piper Sandler. One of the venues DASH utilizes as a routing vendor, Bank of America Securities (BofAS), gives Dash a better fee rate if BofAS has a better price tier than the base rate. DASH typically preferences Susquehanna for Exchange Marketing Fee purposes for orders routed to exchanges. DASH passes through 100% of the resulting exchange rebates and fees at DASH's tier pricing schedule. For more information on DASH routing, please see the DASH 606 reports at: <https://dashfinancial.com/rule-606/>

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#### CBOE C2 Options Exchange (C2OX):

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## September 2023

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### S&P 500 Stocks



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 EDGX OPTIONS EXCHANGE (EDGO)	12.85	0.00	9.84	0.00	12.87	0.0000	0.0000	-1.8400	-0.0438	0.0000	0.0000	33,829.7700	0.3217
CBOE FX NDFS (CBOE)	12.60	0.00	33.00	0.00	12.57	0.0000	0.0000	-1,140.7425	-0.2370	0.0000	0.0000	-23,480.5750	-0.2580
Box Options Exchange (XBOX)	12.23	0.00	21.27	0.00	12.22	0.0000	0.0000	198.5800	0.0405	0.0000	0.0000	23,266.1400	0.3834
INTERNATIONAL SECURITIES EXCHANGE, LLC (XISX)	11.46	0.00	4.78	0.00	11.46	0.0000	0.0000	-317.9600	-0.4035	0.0000	0.0000	-7,099.7200	-0.0608
ISE MERCURY, LLC (MCRY)	11.06	0.00	4.52	0.00	11.06	0.0000	0.0000	-333.9300	-0.2648	0.0000	0.0000	-6,313.5900	-0.0671
NASDAQ OMX PHLX (XPHL)	10.38	0.00	0.00	0.00	10.39	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-3,641.9800	-0.0905
MIAX EMERALD, LLC (EMLD)	8.70	0.00	0.00	0.00	8.71	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1,933.0500	-0.0909
NYSE Arca Options (ARCO)	5.64	0.00	0.00	20.00	5.65	0.0000	0.0000	0.0000	0.0000	4.3800	0.7300	-3,277.1500	-0.0346
American Options Exchange (AMXO)	4.60	0.00	0.00	0.00	4.61	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-1,848.1500	-0.2648
CBOE C2 Options Exchange (C2OX)	4.19	0.00	0.00	0.00	4.19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-12,042.4500	-0.3710

#### Material Aspects:

##### CBOE EDGX OPTIONS EXCHANGE (EDGO):

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##### CBOE FX NDFS (CBOE):

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##### Box Options Exchange (XBOX):

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##### INTERNATIONAL SECURITIES EXCHANGE, LLC (XISX):

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**NASDAQ OMX PHLX (XPHL):**

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