WALL STREET ACCESS - Held NMS Stocks and Options Order Routing Public Report

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2nd Quarter, 2023

April 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
97.35	56.00	11.85	15.61	16.54

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)
Virtu Americas, LLC	47.75	75.13	1.22	32.41	2.85	-157.21	-5.0000	-12.65	-5.0000	-6.82	-5.0000	-60.57	-5.0000
The Nasdaq Stock Market	10.70	0.00	53.46	9.34	17.55	0.00	0.0000	-668.23	-30.0000	105.41	20.0000	-438.11	-10.0000
WALL STREET ACCESS	9.89	0.03	4.68	31.39	26.73	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Matrix Executions, LLC / Simplex Trading, LLC	6.74	0.00	9.29	6.76	27.70	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CITADEL SECURITIES LLC	5.25	7.92	0.19	2.38	2.53	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	4.04	1.91	11.03	10.66	0.00	-221.80	-30.0000	-344.22	-30.0000	273.90	20.0000	0.00	0.0000
Cowen and Company, LLC	2.58	1.26	4.55	1.46	6.71	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Two Sigma Securities, LLC	2.51	3.87	0.13	1.31	0.78	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Credit Suisse Securities LLC	2.42	0.00	10.13	0.24	7.17	0.00	0.0000	-79.88	-5.0000	-1.82	-5.0000	-139.61	-5.0000

Material Aspects:

Virtu Americas, LLC:

Virtu Americas, LLC (NITE)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router.

We route certain orders to our clearing firm Pershing LLC for handling. Some of the orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link: https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

The Nasdaq Stock Market:
The Nasdaq Stock Market (NSDQ)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to this link: http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2. For this period, the Standard Rates enumerated on the NASDAQ Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)
Wall Street Access ("the Firm) is a market maker in S&P 500 and Non-S&P 500 securities. The firm is an execution venue. The firm may route orders to other market centers, exchanges, alternative trading systems, electronic communication networks and other broker dealers as noted in this report. These venues may offer credits for providing liquidity or assess fees for taking liquidity.

Matrix Executions, LLC / Simplex Trading, LLC:
Matrix Executions LLC/ Simplex Trading LLC (MTRX)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We receive pass through rebates from (MATX) for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. Rebates are given when an order adds liquidity and fees are charged when an order tales liquidity. The net amount of this rebate, if positive, is included in our disclosures.

CITADEL SECURITIES LLC:
Citadel Securities LLC (CDRG)
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

NYSE Arca, Inc.:
NYSE Arca, Inc. (ARCA)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to the Trading Fees PDF available at this link: https://www.nyse.com/markets/nyse-arca/trading-info. For this period, the Standard Rates enumerated on the NYSE ARCA Fee Schedule applied to the firm. We recieve $0.002 for adding liquidity and pay $0.003 for removing liquidity.

Cowen and Company, LLC:
Cowen and Company, LLC (ATMC)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay $0.002 per share in execution fees for use of their execution algos.

Two Sigma Securities, LLC:
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

Credit Suisse Securities LLC:

Credit Suisse Securities (USA) LLC (CSFB)
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We pay CSFB $0.005 per share for equity executions. We may receive pass through rebates from CSFB for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. The net amount of this rebate, if positive, is included in our disclosures.

April 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
92.52	36.09	16.27	25.96	21.68

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)
Virtu Americas, LLC	38.52	74.91	1.87	40.96	2.52	-247.89	-5.0000	-20.60	-5.0000	-31.81	-5.0000	-111.11	-5.0000
WALL STREET ACCESS	15.71	0.40	6.88	24.95	36.76	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
The Nasdaq Stock Market	14.08	0.00	43.01	10.66	19.91	0.00	0.0000	-953.76	-30.0000	366.72	20.0000	-2,487.00	-10.0000
Matrix Executions, LLC / Simplex Trading, LLC	9.42	0.45	15.58	9.77	19.33	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	4.52	2.03	11.78	7.21	0.00	-290.77	-30.0000	-541.30	-30.0000	426.55	20.0000	0.00	0.0000
Credit Suisse Securities LLC	4.08	0.00	12.94	0.31	8.76	0.00	0.0000	-150.57	-5.0000	-5.03	-5.0000	-156.45	-5.0000
CITADEL SECURITIES LLC	2.76	6.38	0.17	1.45	0.25	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Cowen and Company, LLC	2.09	2.03	0.61	0.10	5.66	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Virtu Americas, LLC:

Virtu Americas, LLC (NITE/VALR)
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We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router. For orders routed to Virtu Americas agency desk, we pay $0.0015 per share for execution fees.

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WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)
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Matrix Executions, LLC / Simplex Trading, LLC:
Matrix Executions LLC/ Simplex Trading LLC (MTRX)
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Credit Suisse Securities LLC:
Credit Suisse Securities (USA) LLC (CSFB)
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Citadel Securities LLC (CDRG)
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https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

Cowen and Company, LLC:
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We pay $0.002 per share in execution fees for use of their execution algos.

April 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	1.30	11.33	15.94	71.27

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, Inc.	14.72	0.00	0.38	15.10	17.20	0.00	0.0000	-131.49	-27.0000	-6,770.40	-54.6882	1,488.05	11.4527
Cboe EDGX Exchange, Inc.	10.73	15.33	13.80	2.45	12.02	0.00	0.0000	-302.78	-41.8783	-48.40	-20.8629	-21,575.18	-34.3587
Chicago Board Options Exchange	9.13	2.67	18.87	1.25	9.48	0.00	0.0000	-148.36	-4.0940	0.00	0.0000	-123.32	-4.6819
MIAX Options Exchange	8.99	25.33	19.33	7.91	7.30	0.00	0.0000	-105.15	-3.8195	-4.20	-4.2424	18.40	1.3228
NYSE American LLC	7.88	12.00	13.19	1.96	8.29	0.00	0.0000	-51.14	-20.1347	-5.04	-10.7320	-1.46	-0.1255
Nasdaq ISE, LLC	6.83	0.67	1.38	0.65	9.21	0.00	0.0000	-144.48	-37.5273	0.00	0.0000	412.10	10.8049
Nasdaq OMX PHLX	6.28	8.67	1.84	2.13	7.89	0.00	0.0000	0.00	0.0000	0.00	0.0000	-104.38	-5.6544
Boston Options Exchange	6.20	15.33	16.03	2.29	5.35	0.00	0.0000	26.10	1.6959	0.00	0.0000	92.70	11.3882
Nasdaq GEMX, LLC	4.37	2.00	0.77	26.66	0.01	0.00	0.0000	10.72	7.1946	40.04	63.5556	-0.53	-53.0000
MIAX EMERALD, LLC	4.08	6.00	1.76	5.13	4.18	0.00	0.0000	7.72	85.7778	24.70	32.9333	-32.25	-4.4483
Cboe C2 Exchange, Inc.	3.70	2.00	1.53	1.80	4.50	0.00	0.0000	500.04	59.3167	581.36	55.3149	-286.02	-29.3354
NASDAQ OPTIONS MARKET	3.63	0.00	1.00	21.59	0.10	0.00	0.0000	224.85	16.5209	-5,415.96	-18.5351	-118.78	-24.2904
ISE MERCURY, LLC	2.46	0.67	0.77	0.60	3.16	0.00	0.0000	110.08	53.4369	29.54	43.4412	-24.10	-4.9084
MIAMI INTERNATIONAL SECURITIES EXCHANGE	2.38	0.00	0.08	0.00	3.32	0.00	0.0000	37.68	25.8057	-28.93	-125.7645	-1,458.11	-65.6804

Material Aspects:

NYSE Arca, Inc.:
NYSE ARCA Options (ARCA)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

Cboe EDGX Exchange, Inc.:

CBOE EDGX Options Exchange (EDGO)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://markets.cboe.com/us/options/membership/fee_schedule/edgx/

Chicago Board Options Exchange:
CBOE Exchange, Inc. (CBOE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf

MIAX Options Exchange:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

NYSE American LLC:
NYSE American (AMEX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

Nasdaq ISE, LLC:
NASDAQ ISE (ISE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207

Nasdaq OMX PHLX:
NASDAQ PHLX (PHLX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/phlx/rules/Phlx%20Options%207

Boston Options Exchange:
BOX Options (BOX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://boxoptions.com/regulatory/fee-schedule/

Nasdaq GEMX, LLC:
NASDAQ GEMX (GEMX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/gemx/rules/GEMX%20Options%207

MIAX EMERALD, LLC:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

Cboe C2 Exchange, Inc.:
CBOE C2 Options Exchange (C2)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://markets.cboe.com/us/options/membership/fee_schedule/bzx/

NASDAQ OPTIONS MARKET:

NASDAQ Options Market (NOM)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/Nasdaq%20Options%207

ISE MERCURY, LLC:
ISE Mercury
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/ise/rules/ise-options-7

MIAMI INTERNATIONAL SECURITIES EXCHANGE:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

May 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
98.98	51.04	15.04	16.55	17.44

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)
Virtu Americas, LLC	41.76	71.08	1.78	27.29	4.02	-190.69	-5.0000	-104.61	-5.0000	-40.12	-5.0000	-101.02	-5.0000
The Nasdaq Stock Market	14.32	0.00	61.08	10.22	19.77	0.00	0.0000	-991.75	-30.0000	123.59	20.0000	-517.19	-10.0000
WALL STREET ACCESS	10.23	0.20	1.83	34.93	23.75	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Matrix Executions, LLC / Simplex Trading, LLC	6.82	0.03	13.84	6.90	20.51	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CITADEL SECURITIES LLC	5.01	7.99	0.05	2.93	2.53	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	4.46	2.63	9.23	10.44	0.00	-602.72	-30.0000	-360.60	-30.0000	351.76	20.0000	0.00	0.0000
Cowen and Company, LLC	3.94	1.73	4.37	0.96	12.85	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
G1 Execution Services, LLC	2.66	4.50	0.05	1.53	0.58	0.00	0.0000	0.00	0.0000	0.00	0.0000	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)
Jane Street Capital	2.51	4.19	0.00	1.53	0.66	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Virtu Americas, LLC:
Virtu Americas, LLC (NITE)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router.

We route certain orders to our clearing firm Pershing LLC for handling. Some of the orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link: https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

The Nasdaq Stock Market:
The Nasdaq Stock Market (NSDQ)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to this link: http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2. For this period, the Standard Rates enumerated on the NASDAQ Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)
Wall Street Access ("the Firm) is a market maker in S&P 500 and Non-S&P 500 securities. The firm is an execution venue. The firm may route orders to other market centers, exchanges, alternative trading systems, electronic communication networks and other broker dealers as noted in this report. These venues may offer credits for providing liquidity or assess fees for taking liquidity.

Matrix Executions, LLC / Simplex Trading, LLC:
Matrix Executions LLC/ Simplex Trading LLC (MTRX)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We receive pass through rebates from (MATX) for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. Rebates are given when an order adds liquidity and fees are charged when an order tales liquidity. The net amount of this rebate, if positive, is included in our disclosures.

CITADEL SECURITIES LLC:
Citadel Securities LLC (CDRG)
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

NYSE Arca, Inc.:
NYSE Arca, Inc. (ARCA)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to the Trading Fees PDF available at this link: https://www.nyse.com/markets/nyse-arca/trading-info. For this period, the Standard Rates enumerated on the NYSE ARCA Fee Schedule applied to the firm. We recieve $0.002 for adding liquidity and pay $0.003 for removing liquidity.

Cowen and Company, LLC:

Cowen and Company, LLC (ATMC)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay $0.002 per share in execution fees for use of their execution algos.

G1 Execution Services, LLC:
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

Jane Street Capital:
Jane Street Capital (JNST)
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

May 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
95.05	36.55	18.37	24.29	20.78

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)
Virtu Americas, LLC	37.43	71.51	1.99	41.04	4.61	-287.83	-5.0000	-42.75	-5.0000	-52.72	-5.0000	-186.02	-5.0000
WALL STREET ACCESS	14.83	0.33	6.16	26.88	33.91	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
The Nasdaq Stock Market	13.91	0.00	44.11	8.44	18.09	0.00	0.0000	-1,172.29	-30.0000	338.56	20.0000	-1,446.32	-10.0000
Matrix Executions, LLC / Simplex Trading, LLC	8.19	0.11	12.28	4.85	22.67	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	5.13	3.46	9.56	8.68	0.00	-852.52	-30.0000	-965.77	-30.0000	1,009.83	20.0000	0.00	0.0000
Credit Suisse Securities LLC	5.02	0.04	15.65	0.74	9.41	-6.78	-5.0000	-476.61	-5.0000	-19.68	-5.0000	-318.88	-5.0000
Cowen and Company, LLC	3.28	3.15	4.02	1.73	4.67	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CITADEL SECURITIES LLC	2.74	6.24	0.07	1.64	0.22	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Virtu Americas, LLC:
Virtu Americas, LLC (NITE/VALR)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router. For orders routed to Virtu Americas agency desk, we pay $0.0015 per share for execution fees.

We route certain orders to our clearing firm Pershing LLC for handling. Some of the orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link: https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)
Wall Street Access ("the Firm) is a market maker in S&P 500 and Non-S&P 500 securities. The firm is an execution venue. The firm may route orders to other market centers, exchanges, alternative trading systems, electronic communication networks and other broker dealers as noted in this report. These venues may offer credits for providing liquidity or assess fees for taking liquidity.

The Nasdaq Stock Market:
The Nasdaq Stock Market (NSDQ)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to this link: http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2 For this period, the Standard Rates enumerated on the NASDAQ Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

Matrix Executions, LLC / Simplex Trading, LLC:
Matrix Executions LLC/ Simplex Trading LLC (MTRX)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We receive pass through rebates from (MATX) for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. Rebates are given when an order adds liquidity and fees are charged when an order tales liquidity. The net amount of this rebate, if positive, is included in our disclosures.

NYSE Arca, Inc.:
NYSE Arca, Inc. (ARCA)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to the Trading Fees PDF available at this link: https://www.nyse.com/markets/nyse-arca/trading-info. For this period, the Standard Rates enumerated on the NYSE ARCA Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

Credit Suisse Securities LLC:
Credit Suisse Securities (USA) LLC (CSFB)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay CSFB $0.005 per share for equity executions. We may receive pass through rebates from CSFB for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. The net amount of this rebate, if positive, is included in our disclosures.

Cowen and Company, LLC:
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay $0.002 per share in execution fees for use of their execution algos.

CITADEL SECURITIES LLC:

Citadel Securities LLC (CDRG)
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

May 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	0.70	15.10	19.01	65.06

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, Inc.	13.95	0.00	0.75	19.66	15.50	0.00	0.0000	-458.32	-44.0269	-6,341.09	-50.7937	1,876.06	26.3159
Cboe EDGX Exchange, Inc.	12.49	7.41	11.51	2.47	15.73	0.00	0.0000	-10.77	-13.9851	3.12	78.0000	-12,913.10	-33.2795
NYSE American LLC	9.10	24.69	15.43	3.43	9.13	0.00	0.0000	-123.01	-54.9156	3.52	88.0000	6.40	1.7877
Chicago Board Options Exchange	7.25	1.23	12.32	1.01	7.98	0.00	0.0000	-104.11	-5.2500	0.00	0.0000	-99.38	-5.2500
MIAX Options Exchange	7.08	9.88	10.36	5.08	6.88	0.00	0.0000	-65.10	-5.0000	-3.30	-5.0000	14.70	1.8329
Nasdaq OMX PHLX	6.03	9.88	4.43	2.74	7.32	0.00	0.0000	0.00	0.0000	0.00	0.0000	-67.05	-5.0000
Nasdaq ISE, LLC	5.61	8.64	1.61	0.59	7.98	0.00	0.0000	-77.35	-35.9767	0.00	0.0000	371.85	12.7608
NASDAQ OPTIONS MARKET	4.99	0.00	0.98	24.33	0.32	0.00	0.0000	154.86	21.1557	-5,997.78	-31.1638	-92.26	-47.8031
MIAMI INTERNATIONAL SECURITIES EXCHANGE	4.64	0.00	0.06	0.00	7.11	0.00	0.0000	-210.32	-83.7918	1.56	78.0000	-3,042.06	-62.0070
Nasdaq GEMX, LLC	4.53	4.94	3.51	20.58	0.07	0.00	0.0000	83.76	71.5897	11.30	113.0000	-16.32	-49.4545
BOX Exchange LLC	3.46	0.00	0.00	0.00	5.31	0.00	0.0000	1.96	98.0000	11.76	98.0000	-1,886.02	-44.0042
Boston Options Exchange	3.43	1.23	7.25	0.82	3.33	0.00	0.0000	26.30	9.1958	0.00	0.0000	199.80	36.4599
MIAX EMERALD, LLC	3.20	3.70	2.19	3.25	3.39	0.00	0.0000	181.31	69.2023	30.51	113.0000	-16.95	-62.7778
NASDAQ OMX BX OPTIONS	3.02	8.64	12.61	4.34	0.35	0.00	0.0000	19.70	93.8095	7.91	113.0000	-239.50	-54.5558
INTERNATIONAL SECURITIES EXCHANGE, LLC	2.76	0.00	0.52	0.27	4.04	0.00	0.0000	68.00	39.5349	74.31	110.9104	-1,964.60	-16.3281

Material Aspects:

NYSE Arca, Inc.:
NYSE ARCA Options (ARCA)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

Cboe EDGX Exchange, Inc.:
CBOE EDGX Options Exchange (EDGO)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://markets.cboe.com/us/options/membership/fee_schedule/edgx/

NYSE American LLC:
NYSE American (AMEX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

Chicago Board Options Exchange:
CBOE Exchange, Inc. (CBOE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf

MIAX Options Exchange:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

Nasdaq OMX PHLX:
NASDAQ PHLX (PHLX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/phlx/rules/Phlx%20Options%207

Nasdaq ISE, LLC:
NASDAQ ISE (ISE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207

NASDAQ OPTIONS MARKET:
NASDAQ Options Market (NOM)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/Nasdaq%20Options%207

MIAMI INTERNATIONAL SECURITIES EXCHANGE:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

Nasdaq GEMX, LLC:

NASDAQ GEMX (GEMX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/gemx/rules/GEMX%20Options%207

BOX Exchange LLC:
BOX Options (BOX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://boxoptions.com/regulatory/fee-schedule/

Boston Options Exchange:
BOX Options (BOX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://boxoptions.com/regulatory/fee-schedule/

MIAX EMERALD, LLC:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

NASDAQ OMX BX OPTIONS:
NASDAQ BX (BX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/bx/rules/BX%20Options%207

INTERNATIONAL SECURITIES EXCHANGE, LLC:
NASDAQ ISE (ISE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207

June 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
99.46	55.21	18.79	12.36	13.64

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)
Virtu Americas, LLC	44.13	75.64	1.49	13.24	3.33	-228.94	-5.0000	-15.75	-5.0000	-40.96	-5.0000	-79.57	-5.0000

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)
The Nasdaq Stock Market	16.31	0.00	65.46	17.93	13.13	0.00	0.0000	-1,223.76	-30.0000	141.74	20.0000	-467.37	-10.0000
WALL STREET ACCESS	8.98	0.14	3.61	39.99	24.05	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Matrix Executions, LLC / Simplex Trading, LLC	6.30	0.08	9.64	7.47	25.85	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	4.68	3.07	7.93	12.10	0.00	-1,072.99	-30.0000	-442.81	-30.0000	343.69	20.0000	0.00	0.0000
CITADEL SECURITIES LLC	4.64	7.52	0.04	2.26	1.49	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
Credit Suisse Securities LLC	2.67	0.00	6.74	0.23	10.10	0.00	0.0000	-163.97	-5.0000	-2.85	-5.0000	-254.92	-5.0000
Cowen and Company, LLC	2.53	1.41	2.34	1.75	8.05	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Virtu Americas, LLC:
Virtu Americas, LLC (NITE)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router.

We route certain orders to our clearing firm Pershing LLC for handling. Some of the orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link: https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

The Nasdaq Stock Market:
The Nasdaq Stock Market (NSDQ)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to this link: http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2. For this period, the Standard Rates enumerated on the NASDAQ Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)
Wall Street Access ("the Firm) is a market maker in S&P 500 and Non-S&P 500 securities. The firm is an execution venue. The firm may route orders to other market centers, exchanges, alternative trading systems, electronic communication networks and other broker dealers as noted in this report. These venues may offer credits for providing liquidity or assess fees for taking liquidity.

Matrix Executions, LLC / Simplex Trading, LLC:
Matrix Executions LLC/ Simplex Trading LLC (MTRX)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We receive pass through rebates from (MATX) for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. Rebates are given when an order adds liquidity and fees are charged when an order tales liquidity. The net amount of this rebate, if positive, is included in our disclosures.

NYSE Arca, Inc.:

NYSE Arca, Inc. (ARCA)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to the Trading Fees PDF available at this link: https://www.nyse.com/markets/nyse-arca/trading-info. For this period, the Standard Rates enumerated on the NYSE ARCA Fee Schedule applied to the firm. We recieve $0.002 for adding liquidity and pay $0.003 for removing liquidity.

CITADEL SECURITIES LLC:
Citadel Securities LLC (CDRG)
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

Credit Suisse Securities LLC:
Credit Suisse Securities (USA) LLC (CSFB)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay CSFB $0.005 per share for equity executions. We may receive pass through rebates from CSFB for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. The net amount of this rebate, if positive, is included in our disclosures.

Cowen and Company, LLC:
Cowen and Company, LLC (ATMC)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay $0.002 per share in execution fees for use of their execution algos.

June 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
94.85	38.16	19.72	21.64	20.48

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)
Virtu Americas, LLC	39.31	76.84	2.89	42.61	0.95	-279.30	-5.0000	-68.13	-5.0000	-51.39	-5.0000	-25.03	-5.0000
The Nasdaq Stock Market	16.56	0.00	55.86	6.59	20.09	0.00	0.0000	-1,514.97	-30.0000	165.91	20.0000	-1,158.15	-10.0000
WALL STREET ACCESS	13.29	0.32	5.08	27.50	30.33	0.00	0.0000	0.00	0.0000	0.00	0.0000	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)
Matrix Executions, LLC / Simplex Trading, LLC	7.78	0.11	10.92	7.56	19.28	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
NYSE Arca, Inc.	4.73	3.83	8.04	7.59	0.21	-610.61	-30.0000	-818.74	-30.0000	475.38	20.0000	-89.40	-10.0000
Credit Suisse Securities LLC	4.34	0.02	10.45	0.43	10.63	-0.25	-5.0000	-281.54	-5.0000	-7.04	-5.0000	-319.62	-5.0000
Cowen and Company, LLC	3.14	3.28	2.08	0.57	6.62	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000
CITADEL SECURITIES LLC	2.24	4.83	0.04	1.76	0.04	0.00	0.0000	0.00	0.0000	0.00	0.0000	0.00	0.0000

Material Aspects:

Virtu Americas, LLC:
Virtu Americas, LLC (NITE/VALR)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

We pay $0.001 to 0.0025 per share in execution fees for use of their execution algos and receive $0.0023 for adding liquidity to their SMRT order router. For orders routed to Virtu Americas agency desk, we pay $0.0015 per share for execution fees.

We route certain orders to our clearing firm Pershing LLC for handling. Some of the orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link: https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

The Nasdaq Stock Market:
The Nasdaq Stock Market (NSDQ)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to this link: http://www.nasdaqtrader.com/Trader.aspx?id=PriceListTrading2 For this period, the Standard Rates enumerated on the NASDAQ Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

WALL STREET ACCESS:
Wall Street Access (WABR/VNDM)
Wall Street Access ("the Firm) is a market maker in S&P 500 and Non-S&P 500 securities. The firm is an execution venue. The firm may route orders to other market centers, exchanges, alternative trading systems, electronic communication networks and other broker dealers as noted in this report. These venues may offer credits for providing liquidity or assess fees for taking liquidity.

Matrix Executions, LLC / Simplex Trading, LLC:
Matrix Executions LLC/ Simplex Trading LLC (MTRX)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We receive pass through rebates from (MATX) for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. Rebates are given when an order adds liquidity and fees are charged when an order tales liquidity. The net amount of this rebate, if positive, is included in our disclosures.

NYSE Arca, Inc.:
NYSE Arca, Inc. (ARCA)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We do receive a customary rebate from this execution venue for executions that provide liquidity, and we pay the same venue execution fees for taking liquidity. The net amount of this payment, if positive, is included in our disclosures.

The trading fee schedule that applies to the firm can be found by referring to the Trading Fees PDF available at this link: https://www.nyse.com/markets/nyse-arca/trading-info. For this period, the Standard Rates enumerated on the NYSE ARCA Fee Schedule applied to the firm. We receive $0.002 for adding liquidity and pay $0.003 for removing liquidity.

Credit Suisse Securities LLC:
Credit Suisse Securities (USA) LLC (CSFB)
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay CSFB $0.005 per share for equity executions. We may receive pass through rebates from CSFB for exchange executions that provide liquidity, the rebate is based on the exchange that the order is ultimately executed on and we pay the same venue execution fees for taking liquidity. The net amount of this rebate, if positive, is included in our disclosures.

Cowen and Company, LLC:
Below is a discussion of the material aspects of Wall Street Access' relationship with this Specified Venue including any terms, written or oral, of payment for order flow arrangements or profit-sharing relationships that may influence our order routing decisions. We do not receive incentives for equaling or exceeding an agreed upon order flow volume threshold, such as additional payments or a higher rate of payment; We do not receive disincentives for failing to meet an agreed upon minimum order flow threshold, such as lower payments or the requirement to pay a fee; We do not participate in volume-based tiered payment schedules; and We do not have any agreements regarding the minimum amount of order flow that the broker-dealer would send to a venue.

We pay $0.002 per share in execution fees for use of their execution algos.

CITADEL SECURITIES LLC:
Citadel Securities LLC (CDRG)
We route certain orders to our clearing firm Pershing LLC for handling. The orders represented in the percentages routed to this destination were sent by our clearing firm and not directly sent by us. For orders routed by Pershing, we do not share in any fees or rebates generated by these routed orders. If additional details are needed about the payments Pershing receives, please review Pershing's disclosures and the material aspects by visiting the following link:

https://www.orderroutingdisclosure.com In the search feature, enter Pershing LLC.

June 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	0.66	16.60	30.57	52.02

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)
NASDAQ OPTIONS MARKET	22.68	0.00	1.80	66.05	4.18	0.00	0.0000	973.75	51.2500	-9,043.63	-39.1923	-91.06	-46.9381
NYSE Arca, Inc.	13.39	0.00	0.68	16.37	15.89	0.00	0.0000	-140.09	-32.9624	-4,556.87	-50.8750	1,988.95	28.5277
Cboe EDGX Exchange, Inc.	9.71	12.50	10.38	0.07	15.15	0.00	0.0000	6.13	8.5139	0.00	0.0000	-4,881.84	-33.5683
MIAX Options Exchange	6.45	12.50	14.05	1.55	6.84	0.00	0.0000	-103.20	-5.0000	-10.40	-5.0000	-54.20	-3.8604
NYSE American LLC	5.99	25.00	10.38	0.30	7.68	0.00	0.0000	57.76	61.4441	79.40	87.2507	-13.05	-5.0000
Chicago Board Options Exchange	5.20	0.00	8.33	0.10	7.28	0.00	0.0000	-91.09	-5.2500	0.00	0.0000	-36.28	-5.2500
MIAMI INTERNATIONAL SECURITIES EXCHANGE	4.52	0.00	0.00	0.00	8.67	0.00	0.0000	7.71	45.3667	0.00	0.0000	-1,802.84	-56.0237
Nasdaq GEMX, LLC	4.03	10.94	5.72	9.69	0.08	0.00	0.0000	-9.56	-26.5556	1.14	114.0000	-2.28	-57.0000

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)
Nasdaq OMX PHLX	3.81	6.25	5.66	0.17	5.34	0.00	0.0000	0.00	0.0000	0.00	0.0000	-94.05	-5.0000
Boston Options Exchange	3.64	0.00	9.82	0.17	3.77	0.00	0.0000	33.55	11.5292	0.00	0.0000	26.15	18.8129
BOX Exchange LLC	3.47	0.00	0.12	0.00	6.62	0.00	0.0000	-7.26	-6.5405	0.00	0.0000	-491.68	-42.0959
Nasdaq ISE, LLC	3.38	3.12	1.93	0.20	5.73	0.00	0.0000	-16.38	-42.0000	0.00	0.0000	144.22	11.1625
MIAX EMERALD, LLC	2.95	1.56	5.28	1.69	2.96	0.00	0.0000	121.83	56.1429	1.08	54.0000	94.00	15.2597
NASDAQ OMX BX OPTIONS	1.66	4.69	6.22	0.20	0.99	0.00	0.0000	69.46	56.9344	1.14	114.0000	-378.73	-46.5270

Material Aspects:

NASDAQ OPTIONS MARKET:
NASDAQ Options Market (NOM)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/nasdaq/rules/Nasdaq%20Options%207

NYSE Arca, Inc.:
NYSE ARCA Options (ARCA)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

Cboe EDGX Exchange, Inc.:
CBOE EDGX Options Exchange (EDGO)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://markets.cboe.com/us/options/membership/fee_schedule/edgx/

MIAX Options Exchange:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

NYSE American LLC:
NYSE American (AMEX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

Chicago Board Options Exchange:
CBOE Exchange, Inc. (CBOE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://cdn.cboe.com/resources/membership/Cboe_FeeSchedule.pdf

MIAMI INTERNATIONAL SECURITIES EXCHANGE:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

Nasdaq GEMX, LLC:

NASDAQ GEMX (GEMX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/gemx/rules/GEMX%20Options%207

Nasdaq OMX PHLX:
NASDAQ PHLX (PHLX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/phlx/rules/Phlx%20Options%207

Boston Options Exchange:
BOX Options (BOX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://boxoptions.com/regulatory/fee-schedule/

BOX Exchange LLC:
BOX Options (BOX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://boxoptions.com/regulatory/fee-schedule/

Nasdaq ISE, LLC:
NASDAQ ISE (ISE)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/ise/rules/ISE%20Options%207

MIAX EMERALD, LLC:
MIAX Options (MIAX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://www.miaxoptions.com/fees

NASDAQ OMX BX OPTIONS:
NASDAQ BX (BX)
Wall Street Access directs all client option orders, including orders matched in our Options ATS through executing broker dealers, namely: Dash Financial Technologies Inc. (DFIN), Instinet (INCA), Lampost Capital (LAMP) and Matrix Executions (MTRX), who then route such orders to the venues identified above. Wall Street Access may receive rebates or pays fees for theses exchange executions through the executing brokers for the routing of customer orders to this exchange or pay/receive rebates at a rate set by the executing broker. Information regarding these rates for each of our executing brokers can be found at: https://wsaccess.com/wp-content/uploads/2023/08/Q2_2023_Options_Ex_Rates.pdf The reflected rates represent the net amount the Firm paid or received, per contract, for routed orders based on the non-tiered applicable rates the Firm qualified for during the period, if any. Detailed information about this exchange's overall fee schedule is available on the exchange's public website at https://listingcenter.nasdaq.com/rulebook/bx/rules/BX%20Options%207