

RQD* Clearing LLC - Held NMS Stocks and Options Order Routing Public Report

Generated on Wed Aug 17 2022 09:08:42 GMT-0400 (Eastern Daylight Time)

2nd Quarter, 2022

April 2022

S&P 500 Stocks

Summary

| Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Other Orders as % of Non-Directed Orders |
|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|------------------------------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Venues

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

Material Aspects:

April 2022

Non-S&P 500 Stocks

Summary

| Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Other Orders as % of Non-Directed Orders |
|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|------------------------------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Venues

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

Material Aspects:

April 2022

Option Contracts

Summary

| Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Other Orders as % of Non-Directed Orders |
|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|------------------------------------------|
| 0.22 | 16.59 | 15.14 | 44.87 | 23.39 |

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) |
|------------------------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| Matrix Executions LLC (MTRX) | 25.22 | 20.86 | 24.81 | 34.89 | 10.04 | -13,608.10 | -0.5868 | -18,621.25 | -0.4794 | -22,993.85 | -0.4833 | -3,322.85 | -0.6161 |
| DASH Financial Technologies (DASH) | 21.96 | 8.36 | 14.39 | 24.23 | 32.16 | -3,529.62 | -0.4911 | -8,649.29 | -0.5105 | -14,682.32 | -0.5097 | -7,487.64 | -0.4741 |
| NASDAQ Options Market LLC (XNDQ) | 15.65 | 1.84 | 3.50 | 33.01 | 0.00 | 511.84 | 0.4386 | 1,004.61 | 0.1140 | -55,912.98 | -0.5972 | 0.00 | 0.0000 |
| Nasdaq ISE LLC (XISX) | 9.60 | 0.37 | 0.33 | 0.70 | 39.20 | 79.92 | 0.3880 | 224.90 | 0.1906 | -1,652.22 | -0.5455 | -12,522.75 | -0.6103 |
| Nasdaq MCRY LLC (MCRY) | 4.51 | 18.61 | 0.67 | 2.94 | 0.00 | -1,497.80 | -0.0881 | -0.50 | -0.0003 | -1,053.05 | -0.0798 | 0.00 | 0.0000 |
| CBOE EDGX Options Exchange (EDGO) | 4.41 | 11.58 | 11.94 | 0.67 | 1.65 | -67.21 | -0.0146 | -76.79 | -0.0100 | -134.58 | -0.0288 | -2,168.92 | -0.5417 |
| CBOE Options Exchange (XCBO) | 4.31 | 12.41 | 12.66 | 0.70 | 0.09 | -429.44 | -0.0649 | -318.58 | -0.0311 | 173.22 | 0.0368 | 21.39 | 0.1633 |
| Global Execution Brokers LP (SUSQ) | 3.24 | 0.01 | 0.07 | 0.00 | 13.80 | -0.54 | -0.2700 | -37.91 | -0.2257 | 0.00 | 0.0000 | -3,972.60 | -0.4609 |
| MIAMI INTERNATIONAL SECURITIES EXCHANGE (XMIO) | 3.03 | 8.06 | 9.15 | 0.48 | 0.38 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | -80.00 | -0.2000 |
| NYSE American LLC (AMXO) | 2.92 | 7.70 | 9.32 | 0.51 | 0.00 | -199.44 | -0.0792 | -528.60 | -0.0820 | -208.56 | -0.0847 | 0.00 | 0.0000 |
| Nasdaq PHLX LLC (XPHO) | 1.08 | 2.51 | 3.32 | 0.10 | 0.50 | -621.28 | -0.2079 | -269.53 | -0.0500 | -250.37 | -0.1266 | -0.63 | -0.2100 |
| NYSE Arca Inc (ARCO) | 0.83 | 1.42 | 1.66 | 0.16 | 1.16 | 564.31 | 0.5025 | 1,536.31 | 0.5136 | 253.19 | 0.1567 | 5.88 | 0.4900 |
| CBOE C2 Options Exchange (C2OX) | 0.70 | 1.11 | 1.61 | 0.06 | 1.03 | 541.15 | 0.3988 | 3,015.65 | 0.4127 | 432.37 | 0.3770 | 0.00 | 0.0000 |
| CBOE BZX Options Exchange (BATO) | 0.59 | 0.99 | 1.52 | 0.43 | 0.00 | 193.70 | 0.5018 | 2,863.85 | 0.5059 | 334.10 | 0.1287 | 0.00 | 0.0000 |
| MIAX EMERALD LLC (EMLD) | 0.52 | 0.31 | 0.49 | 0.89 | 0.00 | 96.35 | 0.5018 | 141.20 | 0.0960 | -5,438.55 | -0.4258 | 0.00 | 0.0000 |
| NASDAQ OMX BX (XBXO) | 0.45 | 1.40 | 1.23 | 0.06 | 0.00 | 1,000.48 | 0.3364 | 1,139.42 | 0.3768 | 521.81 | 0.3594 | 0.00 | 0.0000 |
| BOX Holdings Group LLC (XBOX) | 0.43 | 1.23 | 1.24 | 0.08 | 0.00 | -197.70 | -0.2112 | -239.10 | -0.2303 | -73.60 | -0.1728 | 0.00 | 0.0000 |
| MIAX PEARL LLC (MPRL) | 0.34 | 0.89 | 1.14 | 0.05 | 0.00 | 370.94 | 0.4843 | 1,335.92 | 0.4922 | 400.65 | 0.4983 | 0.00 | 0.0000 |
| Nasdaq GEMX LLC | 0.22 | 0.35 | 0.94 | 0.04 | 0.00 | 155.09 | 0.4847 | 925.39 | 0.4881 | 128.97 | 0.4885 | 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) |
|---------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| (GMNI) | | | | | | | | | | | | | |

Material Aspects:

Matrix Executions LLC (MTRX):

The Firm receives payment based on the order, the order properties and the underlying symbol of the security. The payment schedules vary by symbol groups which are aggred upon by the Firm and the Venue. The payment schedules are not contingent upon volume sent to the Venue, a minimum quantity of orders sent to the Venue or any other threshold or criteria

DASH Financial Technologies (DASH):

The Firm receives payment based on the order, the order properties and the underlying symbol of the security. The payment schedules vary by symbol groups which are aggred upon by the Firm and the Venue. The payment schedules are not contingent upon volume sent to the Venue, a minimum quantity of orders sent to the Venue or any other threshold or criteria

NASDAQ Options Market LLC (XNDQ):

The Firm will also collect credit payments from XNDQ based on the particular fees and rebates offered in XNDQ's fee schedule. XNDQ has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules>

Nasdaq ISE LLC (XISX):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange. The Firm will also collect credit payments from XISX based on the particular fees and rebates offered in XISX's fee schedule. XISX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/ise/rules>

Nasdaq MCRY LLC (MCRY):

The Firm will also collect credit payments from MCRY based on the particular fees and rebates offered in MCRY's fee schedule. MCRY has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://https://listingcenter.nasdaq.com/rulebook/mrx/rules/mrx-options-7>

CBOE EDGX Options Exchange (EDGO):

The Firm will also collect credit payments from EDGO based on the particular fees and rebates offered in EDGO's fee schedule. EDGO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/edgo/

CBOE Options Exchange (XCBO):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange. The Firm will also collect credit payments from XCBO based on the particular fees and rebates offered in XCBO's fee schedule. XCBO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/xcb/

Global Execution Brokers LP (SUSQ):

The Firm receives payment based on the order, the order properties and the underlying symbol of the security. The payment schedules vary by symbol groups which are aggred upon by the Firm and the Venue. The payment schedules are not contingent upon volume sent to the Venue, a minimum quantity of orders sent to the Venue or any other threshold or criteria

MIAMI INTERNATIONAL SECURITIES EXCHANGE (XMIO):

The Firm will also collect credit payments from XMIO based on the particular fees and rebates offered in XMIO's fee schedule. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange

NYSE American LLC (AMXO):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange. The Firm will also collect credit payments from AMEX based on the particular fees and rebates offered in AMEX's fee schedule. AMEX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

Nasdaq PHLX LLC (XPHO):

The Firm will also collect credit payments from XPHO based on the particular fees and rebates offered in XPHO's fee schedule. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange. XPHO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/phlx/rules>

NYSE Arca Inc (ARCO):

The Firm will also collect credit payments from NYSE based on the particular fees and rebates offered in ARCO's fee schedule. NYSE Arca Options has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

CBOE C2 Options Exchange (C2OX):

The Firm will also collect credit payments from C2OX based on the particular fees and rebates offered in C2OX's fee schedule. C2OX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/ctwo

CBOE BZX Options Exchange (BATO):

The Firm will also collect credit payments from BATO based on the particular fees and rebates offered in BATO's fee schedule. BATO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/bato/

MIAX EMERALD LLC (EMLD):

The Firm will also collect credit payments from EMLD based on the particular fees and rebates offered in EMLD's fee schedule. EMLD has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://www.miaxoptions.com/fees/emerald>

Material Aspects:

May 2022

Option Contracts

Summary

| Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Other Orders as % of Non-Directed Orders |
|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|------------------------------------------|
| 0.23 | 19.42 | 15.03 | 43.90 | 21.65 |

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) |
|------------------------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| DASH Financial Technologies (DASH) | 22.29 | 8.34 | 15.38 | 30.53 | 22.88 | -4,024.15 | -0.4929 | -11,795.72 | -0.4800 | -23,255.02 | -0.4895 | -5,013.81 | -0.4666 |
| Matrix Executions LLC (MTRX) | 16.71 | 16.70 | 18.34 | 22.46 | 3.91 | -8,279.10 | -0.4674 | -10,869.65 | -0.4705 | -22,510.15 | -0.4865 | -1,326.85 | -0.6605 |
| NASDAQ Options Market LLC (XNDQ) | 16.69 | 1.92 | 3.42 | 35.99 | 0.00 | 500.32 | 0.3990 | 701.35 | 0.0985 | -66,129.93 | -0.6109 | -0.48 | -0.4800 |
| Global Execution Brokers LP (SUSQ) | 8.08 | 0.00 | 0.01 | 0.00 | 37.29 | 0.00 | 0.0000 | -0.15 | -0.1500 | 0.00 | 0.0000 | -6,392.70 | -0.4593 |
| Nasdaq ISE LLC (XISX) | 7.02 | 0.51 | 0.53 | 1.35 | 28.84 | 209.42 | 0.3700 | 403.72 | 0.2205 | -2,843.30 | -0.7073 | -8,461.12 | -0.6181 |
| Nasdaq MCRY LLC (MCRY) | 5.39 | 19.17 | 0.60 | 3.59 | 0.02 | -2,359.85 | -0.1140 | -30.00 | -0.0187 | -2,120.00 | -0.1155 | 0.00 | 0.0000 |
| CBOE EDGX Options Exchange (EDGO) | 5.03 | 11.67 | 13.06 | 0.68 | 2.32 | -80.95 | -0.0114 | -96.79 | -0.0100 | -228.83 | -0.0514 | -431.40 | -0.7438 |
| CBOE Options Exchange (XCBO) | 4.81 | 12.27 | 13.19 | 0.88 | 0.27 | -572.38 | -0.0690 | -646.01 | -0.0461 | 147.98 | 0.0228 | 159.44 | 0.3575 |
| MIAMI INTERNATIONAL SECURITIES EXCHANGE (XMIO) | 3.74 | 8.60 | 10.97 | 0.67 | 0.60 | -0.45 | -0.0001 | 0.00 | 0.0000 | 0.00 | 0.0000 | -20.80 | -0.2000 |
| NYSE American LLC (AMXO) | 3.40 | 7.91 | 10.64 | 0.60 | 0.00 | -457.56 | -0.1000 | -775.08 | -0.0955 | -493.68 | -0.0839 | 0.00 | 0.0000 |
| Nasdaq PHLX LLC (XPHO) | 1.27 | 3.13 | 2.93 | 0.15 | 0.73 | -887.42 | -0.1947 | -791.23 | -0.1383 | -183.23 | -0.0834 | -0.63 | -0.2100 |
| NYSE Arca Inc (ARCO) | 1.24 | 2.27 | 2.27 | 0.14 | 1.83 | 369.82 | 0.2612 | 1,686.75 | 0.4658 | 55.99 | 0.3758 | -15.60 | -0.3900 |
| MIAX EMERALD LLC (EMLD) | 1.09 | 0.40 | 0.53 | 2.11 | 0.02 | 56.45 | 0.5227 | 405.49 | 0.4639 | -4,904.67 | -0.4371 | 0.00 | 0.0000 |
| CBOE C2 Options Exchange (C2OX) | 0.88 | 1.43 | 1.89 | 0.09 | 1.28 | 780.23 | 0.3872 | 6,035.40 | 0.3920 | 1,124.77 | 0.4013 | 0.00 | 0.0000 |
| CBOE BZX Options Exchange (BATO) | 0.65 | 1.51 | 1.27 | 0.38 | 0.00 | 333.20 | 0.5064 | 1,950.15 | 0.5081 | 528.15 | 0.1563 | 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) |
|---------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| BOX Holdings Group LLC (XBOX) | 0.53 | 1.33 | 1.39 | 0.13 | 0.02 | -309.00 | -0.2017 | -382.00 | -0.2003 | -168.90 | -0.2571 | 0.00 | 0.0000 |
| MIAX PEARL LLC (MPRL) | 0.48 | 1.17 | 1.19 | 0.16 | 0.00 | 477.21 | 0.4674 | 2,088.03 | 0.4925 | 435.58 | 0.4561 | 0.00 | 0.0000 |
| NASDAQ OMX BX (XBXX) | 0.46 | 1.08 | 1.52 | 0.06 | 0.00 | 612.56 | 0.3338 | 4,233.20 | 0.3239 | 364.93 | 0.3044 | 0.00 | 0.0000 |
| Nasdaq GEMX LLC (GMNI) | 0.26 | 0.57 | 0.87 | 0.04 | 0.00 | 79.02 | 0.5165 | 776.75 | 0.4819 | 173.26 | 0.4894 | 0.00 | 0.0000 |

Material Aspects:

DASH Financial Technologies (DASH):

The Firm receives payment based on the order, the order properties and the underlying symbol of the security. The payment schedules vary by symbol groups which are aggrd upon by the Firm and the Venue. The payment schedules are not contingent upon volume sent to the Venue, a minimum quantity of orders sent to the Venue or any other threshold or criteria

Matrix Executions LLC (MTRX):

The Firm receives payment based on the order, the order properties and the underlying symbol of the security. The payment schedules vary by symbol groups which are aggrd upon by the Firm and the Venue. The payment schedules are not contingent upon volume sent to the Venue, a minimum quantity of orders sent to the Venue or any other threshold or criteria

NASDAQ Options Market LLC (XNDQ):

The Firm will also collect credit payments from XNDQ based on the particular fees and rebates offered in XNDQ's fee schedule. XNDQ has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules>

Global Execution Brokers LP (SUSQ):

The Firm receives payment based on the order, the order properties and the underlying symbol of the security. The payment schedules vary by symbol groups which are aggrd upon by the Firm and the Venue. The payment schedules are not contingent upon volume sent to the Venue, a minimum quantity of orders sent to the Venue or any other threshold or criteria

Nasdaq ISE LLC (XISX):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange. The Firm will also collect credit payments from XISX based on the particular fees and rebates offered in XISX's fee schedule. XISX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/ise/rules>

Nasdaq MCRY LLC (MCRY):

The Firm will also collect credit payments from MCRY based on the particular fees and rebates offered in MCRY's fee schedule. MCRY has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://https://listingcenter.nasdaq.com/rulebook/mrx/rules/mrx-options-7>

CBOE EDGX Options Exchange (EDGO):

The Firm will also collect credit payments from EDGO based on the particular fees and rebates offered in EDGO's fee schedule. EDGO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/edgx/

CBOE Options Exchange (XCBO):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange. The Firm will also collect credit payments from XCBO based on the particular fees and rebates offered in XCBO's fee schedule. XCBO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/xcbo/

MIAMI INTERNATIONAL SECURITIES EXCHANGE (XMIO):

The Firm will also collect credit payments from XMIO based on the particular fees and rebates offered in XMIO's fee schedule. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange

NYSE American LLC (AMXO):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange. The Firm will also collect credit payments from AMEX based on the particular fees and rebates offered in AMEX's fee schedule. AMEX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

Nasdaq PHLX LLC (XPHO):

The Firm will also collect credit payments from XPHO based on the particular fees and rebates offered in XPHO's fee schedule. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange. XPHO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/phlx/rules>

NYSE Arca Inc (ARCO):

The Firm will also collect credit payments from NYSE based on the particular fees and rebates offered in ARCO's fee schedule. NYSE Arca Options has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

MIAX EMERALD LLC (EMLD):

The Firm will also collect credit payments from EMLD based on the particular fees and rebates offered in EMLD's fee schedule. EMLD has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://www.miaxoptions.com/fees/emerald>

CBOE C2 Options Exchange (C2OX):

The Firm will also collect credit payments from C2OX based on the particular fees and rebates offered in C2OX's fee schedule. C2OX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/ctwo

CBOE BZX Options Exchange (BATO):

The Firm will also collect credit payments from BATO based on the particular fees and rebates offered in BATO's fee schedule. BATO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/bato/

BOX Holdings Group LLC (XBOX):

The Firm will also collect credit payments from XBOX based on the particular fees and rebates offered in XBOX's fee schedule. XBOX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://boxoptions.com/regulatory/fee-schedule/>

MIAX PEARL LLC (MPRL):

The Firm will also collect credit payments from MPRL based on the particular fees and rebates offered in MPRL's fee schedule. MPRL has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://www.miaxoptions.com/fees/pearl>
Information reflecting the MPRLs tiered pricing/payment schedule

NASDAQ OMX BX (XBXX):

The Firm will also collect credit payments from XBXX based on the particular fees and rebates offered in XBXX's fee schedule. XBXX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/bx/rules>

Nasdaq GEMX LLC (GMNI):

The Firm will also collect credit payments from GMNI based on the particular fees and rebates offered in GMNI's fee schedule. GMNI has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/gemx/rules>

June 2022

S&P 500 Stocks

Summary

| Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Other Orders as % of Non-Directed Orders |
|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|------------------------------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Venues

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

Material Aspects:

June 2022

Non-S&P 500 Stocks

Summary

| Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Other Orders as % of Non-Directed Orders |
|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|------------------------------------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Venues

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

Material Aspects:

June 2022

Option Contracts

Summary

| Non-Directed Orders as % of All Orders | Market Orders as % of Non-Directed Orders | Marketable Limit Orders as % of Non-Directed Orders | Non-Marketable Limit Orders as % of Non-Directed Orders | Other Orders as % of Non-Directed Orders |
|----------------------------------------|-------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|------------------------------------------|
| 0.20 | 18.73 | 17.42 | 44.18 | 19.67 |

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) |
|------------------------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| DASH Financial Technologies (DASH) | 25.03 | 6.03 | 14.79 | 34.53 | 30.85 | -2,869.38 | -0.4917 | -17,573.53 | -0.4794 | -23,718.35 | -0.4924 | -7,667.70 | -0.4600 |
| NASDAQ Options Market LLC (XNDQ) | 16.03 | 6.86 | 8.16 | 30.16 | 0.00 | -932.14 | -0.3288 | 205.21 | 0.0294 | -43,526.04 | -0.6270 | 0.00 | 0.0000 |
| Matrix Executions LLC (MTRX) | 15.77 | 16.32 | 15.14 | 20.76 | 4.60 | -7,183.65 | -0.4857 | -13,866.80 | -0.5297 | -16,267.25 | -0.5051 | -1,295.65 | -0.6745 |
| Nasdaq MCRY LLC (MCRY) | 9.77 | 30.17 | 0.48 | 9.00 | 0.32 | -2,648.60 | -0.1219 | 0.00 | 0.0000 | -2,541.60 | -0.1304 | -125.00 | -0.1469 |
| Nasdaq ISE LLC (XISX) | 6.38 | 0.11 | 0.32 | 0.55 | 30.85 | 46.31 | 0.4540 | 143.20 | 0.3354 | -977.69 | -0.5907 | -10,635.94 | -0.5608 |
| Global Execution Brokers LP (SUSQ) | 4.80 | 0.00 | 0.03 | 0.00 | 24.36 | 0.00 | 0.0000 | -61.08 | -0.2016 | 0.00 | 0.0000 | -3,129.90 | -0.4615 |
| CBOE EDGX Options Exchange (EDGO) | 4.46 | 8.36 | 12.01 | 0.62 | 2.69 | -87.93 | -0.0275 | -78.75 | -0.0100 | -144.07 | -0.0362 | -108.00 | -0.4500 |
| CBOE Options Exchange (XCBO) | 4.04 | 8.64 | 12.39 | 0.51 | 0.21 | -312.82 | -0.0805 | 96.32 | 0.0093 | 5.59 | 0.0015 | 40.38 | 0.1989 |
| MIAMI INTERNATIONAL SECURITIES EXCHANGE (XMIO) | 3.76 | 6.06 | 12.74 | 0.55 | 0.85 | 0.00 | 0.0000 | 0.00 | 0.0000 | -38.03 | -0.0184 | -16.00 | -0.2000 |
| NYSE American LLC (AMXO) | 2.83 | 5.41 | 9.29 | 0.46 | 0.00 | -127.92 | -0.0914 | -566.64 | -0.1011 | -665.76 | -0.1148 | 0.00 | 0.0000 |
| NYSE Arca Inc (ARCO) | 2.25 | 4.88 | 3.60 | 0.56 | 2.32 | -640.50 | -0.2749 | 826.58 | 0.2013 | -142.93 | -0.0817 | -31.38 | -0.4420 |
| Nasdaq PHLX LLC (XPHO) | 1.15 | 2.33 | 2.85 | 0.06 | 0.96 | -458.53 | -0.2033 | -482.80 | -0.1698 | -68.88 | -0.1576 | -0.42 | -0.2100 |
| MIAX EMERALD LLC | 0.99 | 0.18 | 1.07 | 1.71 | 0.05 | 49.35 | 0.5423 | -1,221.88 | -0.2916 | -5,988.11 | -0.4521 | 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) |
|----------------------------------|-------------------------|-------------------|-----------------------------|---------------------------------|------------------|--------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|
| (EMLD) | | | | | | | | | | | | | |
| CBOE C2 Options Exchange (C2OX) | 0.86 | 0.74 | 1.71 | 0.12 | 1.91 | 543.66 | 0.4195 | 2,865.89 | 0.4155 | 135.56 | 0.0843 | 0.00 | 0.0000 |
| BOX Holdings Group LLC (XBOX) | 0.46 | 1.27 | 1.06 | 0.07 | 0.05 | -172.30 | -0.2046 | -205.90 | -0.2131 | -100.60 | -0.2350 | 0.00 | 0.0000 |
| MIAX PEARL LLC (MPRL) | 0.42 | 0.99 | 1.20 | 0.07 | 0.00 | 223.78 | 0.4951 | 1,526.02 | 0.4882 | 267.18 | 0.4712 | 0.00 | 0.0000 |
| CBOE BZX Options Exchange (BATO) | 0.38 | 0.60 | 1.14 | 0.16 | 0.00 | 131.15 | 0.5123 | 1,280.70 | 0.4999 | 979.55 | 0.5118 | 0.00 | 0.0000 |
| NASDAQ OMX BX (XBXO) | 0.38 | 0.71 | 1.21 | 0.08 | 0.00 | 204.02 | 0.3476 | 923.45 | 0.3563 | 176.42 | 0.3184 | 0.00 | 0.0000 |
| Nasdaq GEMX LLC (GMNI) | 0.23 | 0.34 | 0.84 | 0.04 | 0.00 | 55.35 | 0.4898 | 824.11 | 0.4609 | 37.44 | 0.4800 | 0.00 | 0.0000 |

Material Aspects:

DASH Financial Technologies (DASH):

The Firm receives payment based on the order, the order properties and the underlying symbol of the security. The payment schedules vary by symbol groups which are aggrd upon by the Firm and the Venue. The payment schedules are not contingent upon volume sent to the Venue, a minimum quantity of orders sent to the Venue or any other threshold or criteria

NASDAQ Options Market LLC (XNDQ):

The Firm will also collect credit payments from XNDQ based on the particular fees and rebates offered in XNDQ's fee schedule. XNDQ has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/nasdaq/rules>

Matrix Executions LLC (MTRX):

The Firm receives payment based on the order, the order properties and the underlying symbol of the security. The payment schedules vary by symbol groups which are aggrd upon by the Firm and the Venue. The payment schedules are not contingent upon volume sent to the Venue, a minimum quantity of orders sent to the Venue or any other threshold or criteria

Nasdaq MCRY LLC (MCRY):

The Firm will also collect credit payments from MCRY based on the particular fees and rebates offered in MCRY's fee schedule. MCRY has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://https://listingcenter.nasdaq.com/rulebook/mrx/rules/mrx-options-7>

Nasdaq ISE LLC (XISX):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange. The Firm will also collect credit payments from XISX based on the particular fees and rebates offered in XISX's fee schedule. XISX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/ise/rules>

Global Execution Brokers LP (SUSQ):

The Firm receives payment based on the order, the order properties and the underlying symbol of the security. The payment schedules vary by symbol groups which are aggrd upon by the Firm and the Venue. The payment schedules are not contingent upon volume sent to the Venue, a minimum quantity of orders sent to the Venue or any other threshold or criteria

CBOE EDGX Options Exchange (EDGO):

The Firm will also collect credit payments from EDGO based on the particular fees and rebates offered in EDGO's fee schedule. EDGO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/edgo/

CBOE Options Exchange (XCBO):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange. The Firm will also collect credit payments from XCBO based on the particular fees and rebates offered in XCBO's fee schedule. XCBO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/xcb/

MIAMI INTERNATIONAL SECURITIES EXCHANGE (XMIO):

The Firm will also collect credit payments from XMIO based on the particular fees and rebates offered in XMIO's fee schedule. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange

NYSE American LLC (AMXO):

Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferred' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferred' registered market makers for options orders the Firm sends to the exchange. The Firm will also collect credit payments from AMEX based on the particular fees and rebates offered in AMEX's fee schedule. AMEX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://www.nyse.com/publicdocs/nyse/markets/american-options/NYSE_American_Options_Fee_Schedule.pdf

NYSE Arca Inc (ARCO):

The Firm will also collect credit payments from NYSE based on the particular fees and rebates offered in ARCO's fee schedule. NYSE Arca Options has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://www.nyse.com/>

publicdocs/nyse/markets/arca-options/NYSE_Arca_Options_Fee_Schedule.pdf

Nasdaq PHLX LLC (XPHO):

The Firm will also collect credit payments from XPHO based on the particular fees and rebates offered in XPHO's fee schedule. Pursuant to an exchange-sponsored marketing fee program, registered market-makers may receive payments from the exchange as a result of their designation as a 'preferenced' market-maker by an exchange member. With respect to such exchange program, the Firm may receive payments from 'preferenced' registered market makers for options orders the Firm sends to the exchange. XPHO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/phlx/rules>

MIAX EMERALD LLC (EMLD):

The Firm will also collect credit payments from EMLD based on the particular fees and rebates offered in EMLD's fee schedule. EMLD has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://www.miaxoptions.com/fees/emerald>

CBOE C2 Options Exchange (C2OX):

The Firm will also collect credit payments from C2OX based on the particular fees and rebates offered in C2OX's fee schedule. C2OX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/ctwo

BOX Holdings Group LLC (XBOX):

The Firm will also collect credit payments from XBOX based on the particular fees and rebates offered in XBOX's fee schedule. XBOX has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://boxoptions.com/regulatory/fee-schedule/>

MIAX PEARL LLC (MPRL):

The Firm will also collect credit payments from MPRL based on the particular fees and rebates offered in MPRL's fee schedule. MPRL has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://www.miaxoptions.com/fees/pearl>
Information reflecting the MPRL's tiered pricing/payment schedule

CBOE BZX Options Exchange (BATO):

The Firm will also collect credit payments from BATO based on the particular fees and rebates offered in BATO's fee schedule. BATO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: https://markets.cboe.com/us/options/membership/fee_schedule/bato/

NASDAQ OMX BX (XBXO):

The Firm will also collect credit payments from XBXO based on the particular fees and rebates offered in XBXO's fee schedule. XBXO has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/bx/rules>

Nasdaq GEMX LLC (GMNI):

The Firm will also collect credit payments from GMNI based on the particular fees and rebates offered in GMNI's fee schedule. GMNI has a tiered pricing/payment schedule. For detailed information, please see the exchange's public website: <https://listingcenter.nasdaq.com/rulebook/gemx/rules>