

GRIFFINVEST ASIA SECURITIES LLC - Held NMS Stocks and Options Order Routing Public Report

Generated on Tue Nov 15 2022 18:46:01 EST (Eastern Standard 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 |
|--|---|---|---|--|
| 100.00 | 85.06 | 3.18 | 10.64 | 1.12 |

Venue

| 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) |
|-----------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| CITADEL SECURITIES LLC (CDRG) | 32.62 | 33.50 | 24.32 | 23.39 | 76.92 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| G1 EXECUTION SERVICES, LLC (ETMM) | 15.97 | 16.15 | 13.51 | 16.94 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| JANE STREET CAPITAL, LLC (JNST) | 11.42 | 11.00 | 13.51 | 14.52 | 7.69 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| VIRTU AMERICAS LLC (NITE) | 13.22 | 13.12 | 13.51 | 14.52 | 7.69 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| TWO SIGMA SECURITIES (SOHO) | 14.33 | 14.33 | 16.22 | 14.52 | 7.69 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| UBS SECURITIES (UBSS) | 12.45 | 11.91 | 18.92 | 16.13 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |

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 |
|--|---|---|---|--|
| 100.00 | 73.94 | 1.18 | 24.41 | 0.47 |

Venue

| 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) |
|---------------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| BNY MELLON CAPITAL MARKETS LLC (BKCM) | 0.12 | 0.00 | 0.00 | 0.48 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| CITADEL SECURITIES LLC (CDRG) | 26.77 | 28.07 | 30.00 | 23.19 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| G1 EXECUTION SERVICES, LLC (ETMM) | 20.28 | 20.41 | 40.00 | 19.32 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| JANE STREET CAPITAL, LLC (JNST) | 4.25 | 4.94 | 0.00 | 2.42 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| VIRTU AMERICAS LLC (NITE) | 16.51 | 15.47 | 10.00 | 20.29 | 0.00 | 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) |
|---------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| TWO SIGMA SECURITIES (SOHO) | 17.33 | 17.54 | 0.00 | 16.91 | 50.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| UBS SECURITIES (UBSS) | 14.74 | 13.56 | 20.00 | 17.39 | 50.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |

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 |
|--|---|---|---|--|
| 100.00 | 0.00 | 2.88 | 31.28 | 65.84 |

Venue

| 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) |
|---------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| CITADEL SECURITIES LLC (CDRG) | 48.97 | 0.00 | 42.86 | 48.68 | 49.38 | 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) |
|--------------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| DASH FINANCIAL OPTION ATS (DASH) | 1.23 | 0.00 | 28.57 | 1.32 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| GLOBAL EXECUTION BROKERS, LP. (SUSQ) | 36.63 | 0.00 | 14.29 | 40.79 | 35.63 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| WOLVERINE EXECUTION SERV, LLC (WEXX) | 13.17 | 0.00 | 14.29 | 9.21 | 15.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |

Material Aspects

MAY 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 |
|--|---|---|---|--|
| 100.00 | 74.39 | 2.25 | 21.65 | 1.71 |

Venue

| 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) |
|-----------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| CITADEL SECURITIES LLC (CDRG) | 36.00 | 36.73 | 39.39 | 34.38 | 20.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| G1 EXECUTION SERVICES, LLC (ETMM) | 13.11 | 13.50 | 21.21 | 11.99 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| JANE STREET CAPITAL, LLC (JNST) | 11.75 | 10.28 | 9.09 | 16.40 | 20.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| VIRTU AMERICAS LLC (NITE) | 14.00 | 14.14 | 6.06 | 13.25 | 28.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| TWO SIGMA SECURITIES (SOHO) | 14.55 | 14.42 | 15.15 | 13.88 | 28.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| UBS SECURITIES (UBSS) | 10.59 | 10.93 | 9.09 | 10.09 | 4.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |

Material Aspects

MAY 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 |
|--|---|---|---|--|
| 100.00 | 54.52 | 2.78 | 40.71 | 1.99 |

Venue

| 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) |
|---------------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| BNY MELLON CAPITAL MARKETS LLC (BKCM) | 0.20 | 0.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| CITADEL SECURITIES LLC (CDRG) | 32.08 | 30.97 | 14.29 | 33.66 | 55.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| G1 EXECUTION SERVICES, LLC (ETMM) | 18.27 | 19.31 | 28.57 | 17.07 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| JANE STREET CAPITAL, LLC (JNST) | 3.48 | 2.91 | 10.71 | 3.90 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| VIRTU AMERICAS LLC (NITE) | 16.98 | 15.30 | 10.71 | 19.02 | 30.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| TWO SIGMA SECURITIES (SOHO) | 13.70 | 15.48 | 21.43 | 10.98 | 10.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| UBS SECURITIES (UBSS) | 15.29 | 15.66 | 14.29 | 15.37 | 5.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |

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 |
|--|---|---|---|--|
| 100.00 | 0.00 | 1.83 | 48.62 | 49.55 |

Venue

| 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) |
|--------------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| CITADEL SECURITIES LLC (CDRG) | 48.62 | 0.00 | 0.00 | 43.40 | 55.56 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| DASH FINANCIAL OPTION ATS (DASH) | 0.92 | 0.00 | 25.00 | 0.94 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| GLOBAL EXECUTION BROKERS, LP. (SUSQ) | 37.61 | 0.00 | 50.00 | 43.40 | 31.48 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| WOLVERINE EXECUTION SERV, LLC (WEXX) | 12.84 | 0.00 | 25.00 | 12.26 | 12.96 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |

Material Aspects

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 |
|--|---|---|---|--|
| 100.00 | 69.04 | 3.73 | 26.32 | 0.91 |

Venue

| 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) |
|-----------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| CITADEL SECURITIES LLC (CDRG) | 36.26 | 37.53 | 31.11 | 34.59 | 9.09 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| G1 EXECUTION SERVICES, LLC (ETMM) | 15.89 | 16.79 | 17.78 | 13.84 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| JANE STREET CAPITAL, LLC (JNST) | 12.58 | 12.11 | 11.11 | 13.52 | 27.27 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| VIRTU AMERICAS LLC (NITE) | 11.67 | 11.51 | 8.89 | 12.89 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| TWO SIGMA SECURITIES (SOHO) | 13.25 | 12.11 | 11.11 | 15.41 | 45.45 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| UBS SECURITIES (UBSS) | 10.35 | 9.95 | 20.00 | 9.75 | 18.18 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |

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 |
|--|---|---|---|--|
| 100.00 | 57.73 | 2.34 | 39.27 | 0.66 |

Venue

| 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) |
|-----------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| CITADEL SECURITIES LLC (CDRG) | 31.92 | 31.02 | 38.10 | 32.29 | 66.67 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| G1 EXECUTION SERVICES, LLC (ETMM) | 16.35 | 16.57 | 9.52 | 16.71 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| JANE STREET CAPITAL, LLC (JNST) | 4.67 | 5.20 | 14.29 | 3.40 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| VIRTU AMERICAS LLC (NITE) | 16.46 | 15.41 | 14.29 | 17.85 | 33.33 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| TWO SIGMA SECURITIES (SOHO) | 15.80 | 16.18 | 9.52 | 15.86 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| UBS SECURITIES (UBSS) | 14.79 | 15.61 | 14.29 | 13.88 | 0.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |

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 |
|--|---|---|---|--|
| 100.00 | 0.00 | 0.61 | 50.61 | 48.78 |

Venue

| 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) |
|--------------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| CITADEL SECURITIES LLC (CDRG) | 53.05 | 0.00 | 0.00 | 45.78 | 61.25 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| GLOBAL EXECUTION BROKERS, LP. (SUSQ) | 35.98 | 0.00 | 100.00 | 40.96 | 30.00 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |
| WOLVERINE EXECUTION SERV, LLC (WEXX) | 10.98 | 0.00 | 0.00 | 13.25 | 8.75 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.0000 |

Material Aspects
