

# STERN BROTHERS - Held NMS Stocks and Options Order Routing Public Report

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3rd Quarter, 2022

**JULY 2022**

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## 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                                 | 11.11                                     | 11.11   | 77.78   | 0.00                                     |

### 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)   | 88.89                   | 100.00           | 0.00                       | 100.00                         | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| TWO SIGMA SECURITIES (SOHO)     | 11.11                   | 0.00             | 100.00                     | 0.00                           | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |

### Material Aspects

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**JULY 2022**

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## 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                                 | 15.91                                     | 20.45   | 63.64   | 0.00                                     |

## 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)     | 18.18                   | 42.86            | 11.11                      | 14.29                          | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| G1 EXECUTION SERVICES, LLC (ETMM) | 15.91                   | 0.00             | 22.22                      | 17.86                          | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| JANE STREET CAPITAL, LLC (JNST)   | 2.27                    | 14.29            | 0.00                       | 0.00                           | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| VIRTU AMERICAS LLC (NITE)         | 36.36                   | 28.57            | 11.11                      | 46.43                          | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| TWO SIGMA SECURITIES (SOHO)       | 13.64                   | 0.00             | 22.22                      | 14.29                          | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| UBS SECURITIES (UBSS)             | 13.64                   | 14.29            | 33.33                      | 7.14                           | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |

## Material Aspects

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**JULY 2022**

## Option Contracts

## Summary

## Venue

## Material Aspects

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## AUGUST 2022

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### 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                                 | 33.33                                     | 33.34   | 33.33   | 0.00                                     |

#### 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) |
|---------------------------------|-------------------------|------------------|----------------------------|--------------------------------|-----------------|--|---|--|---|--|---|---|--|
| JANE STREET CAPITAL, LLC (JNST) | 33.33                   | 0.00             | 100.00                     | 0.00                           | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| UBS SECURITIES (UBSS)           | 66.67                   | 100.00           | 0.00                       | 100.00                         | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |

## Material Aspects

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# AUGUST 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                                 | 26.00                                     | 8.00  | 66.00   | 0.00                                     |

### 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                   | 15.38            | 50.00                      | 42.42                          | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| G1 EXECUTION SERVICES, LLC (ETMM) | 12.00                   | 23.08            | 25.00                      | 6.06                           | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| VIRTU AMERICAS LLC (NITE)         | 18.00                   | 15.38            | 25.00                      | 18.18                          | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| TWO SIGMA SECURITIES (SOHO)       | 12.00                   | 15.38            | 0.00                       | 12.12                          | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| UBS SECURITIES (UBSS)             | 22.00                   | 30.77            | 0.00                       | 21.21                          | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |

### Material Aspects

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## AUGUST 2022

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Option Contracts

Summary

Venue

Material Aspects

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## SEPTEMBER 2022

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S&P 500 Stocks

Summary

Venue

Material Aspects

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## SEPTEMBER 2022

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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                                 | 33.33                                     | 40.00   | 26.67   | 0.00                                     |

**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)     | 6.67                    | 20.00            | 0.00                       | 0.00                           | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| G1 EXECUTION SERVICES, LLC (ETMM) | 20.00                   | 20.00            | 33.33                      | 0.00                           | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| VIRTU AMERICAS LLC (NITE)         | 53.33                   | 60.00            | 33.33                      | 75.00                          | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| TWO SIGMA SECURITIES (SOHO)       | 6.67                    | 0.00             | 0.00                       | 25.00                          | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |
| UBS SECURITIES (UBSS)             | 13.33                   | 0.00             | 33.33                      | 0.00                           | 0.00            | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00   | 0.0000  | 0.00  | 0.0000   |

**Material Aspects****SEPTEMBER 2022****Option Contracts****Summary**

**Venue**

**Material Aspects**

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