| Hightower  |  |   |   |  |  |   |   |   |  |   |  |  |   |  |   |  |  |  |
|--|--|---|---|--|--|---|---|---|--|---|--|--|---|--|---|--|--|--|
| Securities does not  |  |   |   |  |  | HIGHTOWER SECURITIES, LLC - Held NMS                            |   |   |  |   |  |  |   |  |   |  |  |  |
| receive payment for<br>order flow.   |  |   |   |  |  | Stocks and Options Order Routing Public<br>Report               |   |   |  |   |  |  |   |  |   |  |  |  |
| 1st Quarter, 2023  |  |   |   |  |  | report  |   |   |  |   |  |  |   |  |   |  |  |  |
| January 2023<br>S&P 500 Stocks   |  |   |   |  |  |   |   |   |  |   |  |  |   |  |   |  |  |  |
| Summary  |  |   |   |  |  |   |   |   |  |   |  |  |   |  |   |  |  |  |
|  | Non-Directed   |   | Market Orders as %  |  | Marketable Limit                               |   | Non-Marketable<br>Limit Orders as % of  |   | Other Orders as %  |   |  |  |   |  |   |  |  |  |
| Total Non-Directed   | Orders as % of All   |   | of Non-Directed   | Total Marketable   | Orders as % of Non-                            |   | Non-Directed  |   | of Non-Directed  |   |  |  |   |  |   |  |  |  |
| Orders 24  | Orders<br>100.00   | Total Market Orders<br>21   | Orders<br>87.50   | Limit Orders   | Directed Orders<br>4.17                        | Total Non-Marketable Limit Orders                               | Orders<br>8.33  |   | Orders<br>0.00   |   |  | -  |   |  |   |  |  |  |
|  | 100.00   | 21  | 87.30   |  | 4.17   |   | 8.33  |   | 0.00   |   |  |  |   |  |   |  |  |  |
| Venues   |  |   |   |  |  |   |   |   |  |   |  |  |   |  |   |  |  |  |
|  |  |   |   |  |  |   |   |   |  |   |  | Net Payment  |   | Net Payment  |   | Net Payment  |  |  |
|  |  |   |   |  |  |   |   |   |  |   | Net Payment  | Paid/Received for<br>Market  | Net Payment<br>Paid/Received for  | Paid/Received for<br>Marketable Limit  | Net Payment<br>Paid/Received for  | Paid/Received for<br>Non-Marketable  | Net Payment  | Net Payment<br>Paid/Received for   |
| Venue - Non-   | Non-Directed   | Non-Directed  |   |  | Marketable Limit                               |   | Non-Marketable  | Non-Marketable  |  |   | Paid/Received for  | Orders(cents per   | Marketable Limit  | Orders(cents per   | Non-Marketable  | Limit Orders(cents   | Paid/Received for  | Other Orders(cents   |
| directed Order Flow<br>Citadel Securities  | Orders   | Orders(%)   | Market Orders   | Market Orders(%)   | Orders   | Marketable Limit Orders(%)                                      | Limit Orders  | Limit Orders(%)   | Other Orders   | Other Orders(%)                                 | Market Orders(USD  | ) hundred shares)  | Orders(USD)   | hundred shares)  | Limit Orders(USD)   | per hundred shares)  | Other Orders(USD)  | per hundred shares)  |
| LLC(CDRG)  | 12   | 48.00   | 12  | 57.14  |  | 0.00  | 0   | 0.00  | 0  | 0.00  |  | 0  |   | 0  | 0   | 0  | 0  | 0  |
| G1 Execution   |  |   |   |  |  |   |   |   |  |   |  |  |   |  |   |  |  |  |
| Services, LLC(ETMM)  | 5  | 20.00   | 4   | 19.05  |  | 100.00  |   | 0.00  | 0  | 0.00  |  |  |   |  |   |  | 0  | 0  |
| VIRTU Americas,  |  |   |   |  |  |   |   |   |  |   |  |  |   |  |   |  |  |  |
| LLC(NITE)<br>Choe EDGX US  | 4  | 16.00   | 4   | 19.05  |  | 0.00  | -   | 0.00  | 0  | 0.00  | ,  | , ,  | 0   | 0  | 0   | 0  | 0  | 0  |
| Equities   |  | 4.00  | _   |  |  |   |   |   | _  |   |  |  |   |  |   |  |  | .  |
| Exchange(EDGX)  Jane Street Capital,   | 1  |   | 0   | 0.00   |  | 0.00  |   | 33.33   | 0  | 0.00  |  | 1  | 0   | - 0  | 0   | 0  | 0  | 0  |
| LLC(JNST)  | 1  | 4.00  | 1   | 4.76   |  | 0.00  | 0   | 0.00  | 0  | 0.00  | ) (  | 0  | 0   | 0  | 0   | 0  | 0  | 0  |
| Members<br>Exchange(MEMX)  | 1  | 4.00  | 0   | 0.00   |  | 0.00  | 1   | 33.33   |  | 0.00  |  |  |   |  |   |  | 0  |  |
| New York Stock   |  | 4.00  |   | 0.00   |  |   |   |   |  |   |  |  |   |  |   |  | _  |  |
| Exchange(NYSE) January 2023  | 1  | 4.00  | 0   | 0.00   |  | 0.00  | 1   | 33.33   | 0  | 0.00  | ,  | , ,  | 0   | 0  | 0   | 0  | 0  | 0  |
| Non-S&P 500 Stocks   |  |   |   |  |  |   |   |   |  |   |  |  |   |  |   |  |  |  |
| Summary  |  |   |   |  |  |   |   |   |  |   |  |  |   |  |   |  |  |  |
|  | Non-Directed   |   | Market Orders as %  |  | Marketable Limit                               |   | Non-Marketable<br>Limit Orders as % of  |   |  |   |  |  |   |  |   |  |  |  |
| Total Non-Directed   | Orders as % of All   |   | of Non-Directed   | Total Marketable   | Orders as % of Non-                            |   | Non-Directed  |   | Other Orders as %<br>of Non-Directed   |   |  |  |   |  |   |  |  |  |
|  | Orders   | Total Market Orders   | Orders  | Limit Orders   | Directed Orders                                | Total Non-Marketable Limit Orders                               | Orders  |   | Orders   |   |  |  |   |  |   |  |  |  |
| 43   | 100.00   | 30  | 69.77   | 0  | 0.00   | 2   | 4.65  | 11  | 25.58  |   |  |  |   |  |   |  |  |  |
| Venues   |  |   |   |  |  |   |   |   |  |   |  |  |   |  |   |  |  |  |
|  |  |   |   |  |  |   |   |   |  |   |  | +  |   |  |   |  |  | H  |
|  |  |   |   |  |  |   |   |   |  |   |  | Net Payment  |   | Net Payment  |   | Net Payment  |  |  |
|  |  |   |   |  |  |   |   |   |  |   | N. A. D  | Paid/Received for  | Net Payment   | Paid/Received for  | Net Payment   | Paid/Received for  |  | Net Payment  |
| Venue - Non-   | Non-Directed   | Non-Directed  |   |  | Marketable Limit                               |   | Non-Marketable  | Non-Marketable  |  |   | Net Payment Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   |  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Net Payment<br>Paid/Received for   | Paid/Received for<br>Other Orders(cents  |
| Venue - Non-<br>directed Order Flow  |  | Non-Directed<br>Orders(%)   | Market Orders   | Market Orders(%)   |  | Marketable Limit Orders(%)                                      | Non-Marketable<br>Limit Orders  | Non-Marketable<br>Limit Orders(%)   | Other Orders   | Other Orders(%)                                 |  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for   | Paid/Received for<br>Marketable Limit  | Paid/Received for   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  |  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non-<br>directed Order Flow<br>VIRTU Americas,<br>LLC(NITE)  |  |   | Market Orders   | Market Orders(%)   |  | Marketable Limit Orders(%)                                      |   |   | Other Orders   | Other Orders(%)                                 | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non-<br>directed Order Flow<br>VIRTU Americas,<br>LLC(NITE)<br>Citadel Securities  |  | Orders(%)<br>34.69  | Market Orders   | 26.67  |  | 0.00  | Limit Orders  | Limit Orders(%)   | Other Orders   | 81.82   | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non-<br>directed Order Flow<br>VIRTU Americas,<br>LLC(NITE)  |  | Orders(%)   | Market Orders  8  |  |  |   | Limit Orders  | Limit Orders(%)   | Other Orders   |   | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non-<br>directed Order Flow<br>VIRTU Americas,<br>LLC(NITE)<br>Citadel Securities<br>LLC(CDRG)   |  | Orders(%)<br>34.69  | Market Orders  8  | 26.67  |  | 0.00  | Limit Orders  | Limit Orders(%)   | Other Orders   | 81.82   | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non-<br>directed Order Flow<br>VIRTU Americas,<br>LLC(NITE)<br>Citadel Securities  |  | Orders(%)<br>34.69  | Market Orders  8 13   | 26.67  | Orders   | 0.00  | Limit Orders  | Limit Orders(%)   | Other Orders 9 2   | 81.82   | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed Order Flow VIRTU Americas, LLC(NITE) Citadel Securities LLC(CDRG)  NASDAQ Execution Services, LLC(NDQ)   |  | Orders(%)<br>34.69<br>30.61   | Market Orders  8  13  | 26.67<br>43.33   | Orders   | 0.00  | Limit Orders  | Umit Orders(%) 0.00 0.00  | Other Orders 9 2   | 81.82   | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed order Flow VIRTU Americas, LLC(INTE) Citadel Securities LLC(EDRG) NASDAQ Execution Services, LLC(INTE) G1 Execution  |  | Orders(%)<br>34.69<br>30.61   | Market Orders  8 13   | 26.67<br>43.33   | Orders   | 0.00  | Limit Orders  | Umit Orders(%) 0.00 0.00  | Other Orders 9 2   | 81.82   | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed Order Flow VIRTU Americas, LLC(NITE) Citadel Securities LLC(CDRG)  NASDAQ Execution Services, LLC(ETMM) G1 Execution Services, LLC(ETMM) Jane Street Capital,  |  | 34.69<br>30.61<br>16.33   | Market Orders  8 13   | 26.67<br>43.33<br>0.00<br>20.00  | Orders   | 0.00  | Umit Orders  0 0  | 0.00<br>0.00<br>100.00  | Other Orders 9 2 0   | 81.82<br>18.18<br>0.00                          | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed Order Flow VIRTU Americas, LLC(NTE) Citadel Securities LLC(CDRG) NASDAQ Execution Services, LLC(ENSDQ) G1 Execution Services, LLC(ENSDQ) Jane Street Capital, LLC(INST) January 2023   |  | 34.69<br>30.61<br>16.33   | Market Orders 8 13 0 6 6 3 3  | 26.67<br>43.33<br>0.00   | Orders   | 0.00  | Umit Orders  0 0  | 0.00<br>0.00<br>100.00  | Other Orders 9 2 0 0 0   | 81.82   | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed Order Flow VIRTU Americas, LLC(NTE) Citadel Securities LLC(CDRG)  NASDAQ Execution Services, LLC(ETMIN) Jane Street Capital, LLC(LNST) January 2023 Option Contracts   |  | 34.69<br>30.61<br>16.33   | Market Orders 8 8 13 0 0 6 6 3 3  | 26.67<br>43.33<br>0.00<br>20.00  | Orders   | 0.00  | Umit Orders  0 0  | 0.00<br>0.00<br>100.00  | Other Orders 9 2   | 81.82<br>18.18<br>0.00                          | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed Order Flow VIRTU Americas, LLC(NTE) Citadel Securities LLC(CDRG) NASDAQ Execution Services, LLC(ENSDQ) G1 Execution Services, LLC(ENSDQ) Jane Street Capital, LLC(INST) January 2023   | 17 15 8 8 6 3 3  | 34.69<br>30.61<br>16.33   | 0 6 3 3   | 26.67<br>43.33<br>0.00<br>20.00  | Orders   | 0.00  | Umit Orders  0 0 0 0 0 0 Non-Marketable   | 0.00<br>0.00<br>100.00  | 0 0  | 81.82<br>18.18<br>0.00                          | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed Order Flow VIRTU Americas, LLC(NTE) Citadel Securities LLC(CDRG) G1 Execution Services, LLC(EMSDQ) G2 Execution Services, LLC(EMSDQ) Jane Street Capital, LLC(LNST) January 2023 Option Contracts Summary  | 0rders   | 34.69<br>30.61<br>16.33   | 8 8 13 13 0 0 6 3 3 Market Orders as %  | 26.67<br>43.33<br>0.00<br>20.00  | Orders (                                       | 0.00  | Umit Orders  0 0 0 0 0 Non-Marketable Limit Orders as % of  | 0.00<br>0.00<br>100.00  | 9 9 2 0 0 0 0 0 Other Orders as %  | 81.82<br>18.18<br>0.00                          | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) Citadel Securities LLC(COMG)  NASDAQ Execution Services, LLC(INSDQ) G1 Execution Services, LLC(ETMM) Jane Street Capital, LLC(INST) LLC(INST) January 2023 Option Contracts Summary Total Non-Directed   | Orders  17  15  8  6  3  Non-Directed Orders as % of All Orders  | 34.69 30.61 31.633 16.33 17.24 6.12   | 8 8 13 13 0 0 6 6 3 3 Market Orders as % of Non-Directed Orders   | 26.67 43.33 0.00 20.00 10.00 Total Marketable  | Orders  ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (    | 0.00 0.00 0.00 0.00 0.00 Total Non-Marketable Limit Orders      | Umit Orders  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Umit Orders(%)  | 9 2 0 0 0 0 Other Orders as % of Non-Directed  | 0.00<br>0.00                                    | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) LIC(DNG) NASDAQ Execution Services, LIC(RSDQ) GI Execution Services, LIC(RSDQ) Jane Street Capital, LIC(JNST) January 2023 Option Contracts Summary Total Non-Directed Orders 0  | Orders  17  15  8  6  Non-Directed Orders as % of All  | 34.69 30.61 31.633 16.33 17.24 6.12   | 8 13 0 6 3 Market Orders as % of Non-Directed   | 26.67 43.33 0.00 20.00 10.00 Total Marketable  | Orders  ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (    | 0.00 0.00 0.00 0.00 0.00 Total Non-Marketable Limit Orders      | Umit Orders  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Umit Orders(%)  | 9 2 0 0 0 Other Orders as % of Non-Directed  | 0.00<br>0.00                                    | Paid/Received for<br>Market Orders(USD   | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per  | Paid/Received for<br>Non-Marketable   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) Citadel Securities LLC(COMG)  NASDAQ Execution Services, LLC(INSDQ) G1 Execution Services, LLC(ETMM) Jane Street Capital, LLC(INST) LLC(INST) January 2023 Option Contracts Summary Total Non-Directed   | Orders  17  15  8  6  3  Non-Directed Orders as % of All Orders  | 34.69 30.61 31.633 16.33 17.24 6.12   | 8 8 13 13 0 0 6 6 3 3 Market Orders as % of Non-Directed Orders   | 26.67 43.33 0.00 20.00 10.00 Total Marketable  | Orders  ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (    | 0.00 0.00 0.00 0.00 0.00 Total Non-Marketable Limit Orders      | Umit Orders  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Umit Orders(%)  | 9 2 0 0 0 0 Other Orders as % of Non-Directed  | 0.00<br>0.00                                    | Paid/Received for<br>Market Orders(USD   | Paid Received for Market Orders(cents per ) hundred shares) 0 C C C C C C C C C C C C C C C C C C  | Paid/Received for<br>Marketable Limit   | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  | Paid/Received for<br>Non-Marketable   | Paid/Received for Non-Marketable Unit Orders(cents per hundred shares) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) LIC(DNG) NASDAQ Execution Services, LIC(RSDQ) GI Execution Services, LIC(RSDQ) Jane Street Capital, LIC(JNST) January 2023 Option Contracts Summary Total Non-Directed Orders 0  | Orders  17  15  8  6  3  Non-Directed Orders as % of All Orders  | 34.69 30.61 31.633 16.33 17.24 6.12   | 8 8 13 13 0 0 6 6 3 3 Market Orders as % of Non-Directed Orders   | 26.67 43.33 0.00 20.00 10.00 Total Marketable  | Orders  ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (    | 0.00 0.00 0.00 0.00 0.00 Total Non-Marketable Limit Orders      | Umit Orders  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Umit Orders(%)  | 9 2 0 0 0 0 Other Orders as % of Non-Directed  | 0.00<br>0.00                                    | Paid/Received for<br>Market Orders(USD   | Paid Meceived for Market Orders(cents per ) hundred shares) 1 C C C C C C C C C C C C C C C C C C  | Paid/Received for Marketable Limit Orders(USD)  0  0  0  0  0   | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0 0 0 0 0 0   | Paid/Received for Non-Marketable Limit Orders(USD)  0  0  0  0  | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)<br>0<br>0<br>0<br>0   | Paid/Received for  | Paid/Received for Other Orders/cents per hundred shares].  |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) LIC(DNG) NASDAQ Execution Services, LIC(RSDQ) GI Execution Services, LIC(RSDQ) Jane Street Capital, LIC(JNST) January 2023 Option Contracts Summary Total Non-Directed Orders 0  | Orders  17  15  8  6  3  Non-Directed Orders as % of All Orders  | 34.69 30.61 31.633 16.33 17.24 6.12   | 8 8 13 13 0 0 6 6 3 3 Market Orders as % of Non-Directed Orders   | 26.67 43.33 0.00 20.00 10.00 Total Marketable  | Orders  ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (    | 0.00 0.00 0.00 0.00 0.00 Total Non-Marketable Limit Orders      | Umit Orders  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Umit Orders(%)  | 9 2 0 0 0 0 Other Orders as % of Non-Directed  | 0.00<br>0.00                                    | Paid/Received for<br>Market Orders(USD   | Paid Received for Market Orders(cents per ) hundred shares) 0 C C C C C C C C C C C C C C C C C C  | Paid/Received for<br>Marketable Limit   | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  | Paid/Received for<br>Non-Marketable   | Paid/Received for Non-Marketable Unit Orders(cents per hundred shares) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Paid/Received for  | Paid/Received for<br>Other Orders(cents  |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) Citadel Securities LLIC(CDRG) ANSDAQ Execution Services, LLIC(ETMM) Jane Street Capital, LLIC(LINST) January 2023 Option Contracts Summary Total Non-Directed Orders  Venues  Venue - Non-   | 0rders 17 15 8 8 6 3 Non-Directed Orders as % of All Orders 0.00 Non-Directed  | 0rders(%) 34.69 30.61 16.33 12.24 6.12  Total Market Orders 0   | 8 8 13 13 0 0 6 3 3 Market Orders as % of Non-Directed Orders 0.00  | 26.67 43.33 0.00 20.00 10.00 Total Marketable Limit Orders 0   | Orders  (d) (d) (d) (d) (d) (d) (d) (d) (d) (d | 0.00 0.00 0.00 0.00 0.00 0.00 Total Non-Marketable Limit Orders | Umit Orders  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Umit Orders(%)  | Other Orders as % O Ode Orders O O O   | 81.8:<br>18.16<br>0.00<br>0.00                  | Paid/Received for<br>Market Orders(USD   | Paid Meceived for Market Orders(cents per ) hundred shares) hundred shares) control of the contr | Paid/Received for Marketable Limit Orders(USD)  0 0 0 0 0 0 0 0 Net Payment Paid/Received for Marketable Limit                  | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0  Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)  | Paid/Received for  On-Marketable Limit Orders(USD)  O  O  O  O  Net Payment Paid/Received for Non-Marketable  | Paid/Received for  O  Net Payment Paid/Received for Non-Marketable Unit Orders(cents per hundred shares)  O  O  Net Payment Paid/Received for Non-Marketable Unitin Orders(cents   | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for                     | Paid/Received for Other Orders/cents per hundred shares)  0  0  0  0  Net Payment Paid/Received for Other Orders/cents   |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) LICOMTE) NASDAQ Execution Services, LIC(NSDQ) GI Execution Services, LIC(ETMM) Jane Street Capital, LIC(LICTA) LIC(LICTA) January 2023 Option Contracts Summary Total Non-Directed Orders  Venues  | 0rders 17 15 8 8 6 3 Non-Directed Orders as % of All Orders 0.00 Non-Directed  | Orders(%)  34.69  30.61  16.33  12.24  6.12  Total Market Orders  | 8 8 13 13 0 0 6 6 3 3 Market Orders as % of Non-Directed Orders   | 26.67 43.33 0.00 20.00 10.00 Total Marketable Limit Orders 0   | Orders  ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (    | 0.00 0.00 0.00 0.00 0.00 Total Non-Marketable Limit Orders      | Umit Orders  0 0 8 8 0 0 0 0 Non-Marketable Umit Orders as % of Non-Directed Orders 0.00  | 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0  | 9 2 0 0 0 0 Other Orders as % of Non-Directed  | 0.00<br>0.00                                    | Paid/Received for<br>Market Orders(USD   | Paid Meceived for Market Orders(cents per ) hundred shares) hundred shares) control of the contr | Paid/Received for Marketable Limit Orders(USD)  0  0  0  0  0  0  Net Payment Paid/Received for                                 | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0  0  Net Payment Paid/Received for Marketable Limit  | Paid/Received for  O  Net Payment Paid/Received for   | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0   | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for                     | Paid/Received for Option Paid/Received for |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) LICCOMO)  NASDAQ Execution Services, LIC(NSDQ) GI Execution Services, LIC(ETMM) Jane Street Capital, LIC(LIC) LIC(JINT) January 2023 Option Contracts Summary Total Non-Directed Orders  Venue - Non- directed Order Flow February 2023  | 0rders 17 15 8 8 6 3 Non-Directed Orders as % of All Orders 0.00 Non-Directed  | 0rders(%) 34.69 30.61 16.33 12.24 6.12  Total Market Orders 0   | 8 8 13 13 0 0 6 3 3 Market Orders as % of Non-Directed Orders 0.00  | 26.67 43.33 0.00 20.00 10.00 Total Marketable Limit Orders 0   | Orders  (d) (d) (d) (d) (d) (d) (d) (d) (d) (d | 0.00 0.00 0.00 0.00 0.00 0.00 Total Non-Marketable Limit Orders | Umit Orders  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Umit Orders(%)  | Other Orders as % Ode Orders Orders Ode | 81.8:<br>18.16<br>0.00<br>0.00                  | Paid/Received for<br>Market Orders(USD   | Paid Meceived for Market Orders(cents per ) hundred shares) hundred shares) control of the contr | Paid/Received for Marketable Limit Orders(USD)  0 0 0 0 0 0 0 0 Net Payment Paid/Received for Marketable Limit                  | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0  Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)  | Paid/Received for  On-Marketable Limit Orders(USD)  O  O  O  O  Net Payment Paid/Received for Non-Marketable  | Paid/Received for  O  Net Payment Paid/Received for Non-Marketable Unit Orders(cents per hundred shares)  O  O  Net Payment Paid/Received for Non-Marketable Unitin Orders(cents   | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for                     | Paid/Received for Other Orders/cents per hundred shares)  0  0  0  0  Net Payment Paid/Received for Other Orders/cents   |
| Venue - Non- directed Order Flow VIRTU America, LIC(DWT) Claude Securities LLC(CDMG) NASDAQ Execution Services, LLC(NSDQ) G1 Execution Services, LLC(ETMM) Jane Street Capital, LLC(LORT) January 2023 Option Contracts Summary Total Non-Directed Orders  Venue - Non- directed Order Flow  | 0rders 17 15 8 8 6 3 Non-Directed Orders as % of All Orders 0.00 Non-Directed  | 0rders(%) 34.69 30.61 16.33 12.24 6.12  Total Market Orders 0   | 8 8 13 13 0 0 6 3 3 Market Orders as % of Non-Directed Orders 0.00  | 26.67 43.33 0.00 20.00 10.00 Total Marketable Limit Orders 0   | Orders  (d) (d) (d) (d) (d) (d) (d) (d) (d) (d | 0.00 0.00 0.00 0.00 0.00 0.00 Total Non-Marketable Limit Orders | Non-Marketable Umit Orders  Non-Marketable Umit Orders as % of Non-Directed Orders  Non-Marketable Umit Orders  | Umit Orders(%)  | Other Orders as % Ode Orders Orders Ode | 81.8:<br>18.16<br>0.00<br>0.00                  | Paid/Received for<br>Market Orders(USD   | Paid Meceived for Market Orders(cents per ) hundred shares) hundred shares) control of the contr | Paid/Received for Marketable Limit Orders(USD)  0 0 0 0 0 0 0 0 Net Payment Paid/Received for Marketable Limit                  | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0  Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)  | Paid/Received for  On-Marketable Limit Orders(USD)  O  O  O  O  Net Payment Paid/Received for Non-Marketable  | Paid/Received for  O  Net Payment Paid/Received for Non-Marketable Unit Orders(cents per hundred shares)  O  O  Net Payment Paid/Received for Non-Marketable Unitin Orders(cents   | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for                     | Paid/Received for Other Orders/cents per hundred shares)  0  0  0  0  Net Payment Paid/Received for Other Orders/cents   |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) Citadel Securities LIC(CDNG) NASDAQ Execution Services, LIC(RSDQ) G1 Execution Services, LIC(ETMM) Jame Street Capital, LIC(LIC) James 1923 Option Contracts Summary Total Non-Directed Orders  Venue - Non- directed Order Flow February 2023 S&P 500 Stocks  | Orders  17  15  8  6  3  Non-Directed Orders as % of All Orders  Non-Directed Orders on the All Orders  Orders on the All Orders   | 0rders(%) 34.69 30.61 16.33 12.24 6.12  Total Market Orders 0   | 8 8 13 13 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15   | 26.67 43.33 0.00 20.00 10.00 Total Marketable Limit Orders 0   | Orders  ( )  ( )  ( )  ( )  ( )  ( )  ( )  (   | 0.00 0.00 0.00 0.00 0.00 0.00 Total Non-Marketable Limit Orders | Umit Orders  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Umit Orders(%)  | Other Orders as % of Non-Directed Orders 0.00  | 81.8:<br>18.16<br>0.00<br>0.00                  | Paid/Received for<br>Market Orders(USD   | Paid Meceived for Market Orders(cents per ) hundred shares) hundred shares) control of the contr | Paid/Received for Marketable Limit Orders(USD)  0 0 0 0 0 0 0 0 Net Payment Paid/Received for Marketable Limit                  | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0  Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)  | Paid/Received for  On-Marketable Limit Orders(USD)  O  O  O  O  Net Payment Paid/Received for Non-Marketable  | Paid/Received for  O  Net Payment Paid/Received for Non-Marketable Unit Orders(cents per hundred shares)  O  O  Net Payment Paid/Received for Non-Marketable Unitin Orders(cents   | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for                     | Paid/Received for Other Orders/cents per hundred shares)  0  0  0  0  Net Payment Paid/Received for Other Orders/cents   |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) Citadel Securities LLC(CDRG)  NASDAQ Execution Services, LLC(EVMG) Jane Street Capital, LLC(LORG) Janes Street Capital, LLC(LORG) Janes Veret Capital, LLC(LORG) January 2023 Option Contracts Summary Venue - Non- directed Order Flow February 2023 S&P 500 Stocks Summary Total Non-Directed  | Orders  17  15  8  6  6  Non-Directed Orders as % of All Orders  Non-Directed Orders as % of All Orders as % | Orders(%)  34.69  30.61  16.33  12.24  6.12  Total Market Orders  0  Non-Directed Orders(%)                       | Market Orders as % of Non-Directed  Market Orders  Market Orders  | 26.67 43.33 0.000 20.000 10.000 Total Marketable Umit Orders 0   | Orders  ()  ()  ()  ()  ()  ()  ()  ()  ()  (  | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)   | Non-Marketable Limit Orders  8  Non-Marketable Limit Orders as % of Non-Directed Orders  Non-Marketable Limit Orders as % of Non-Morketable Limit Orders as % of Non-Directed | Limit Orders(%)  0.00  0.00  100.00  0.00  Total Other Orders  Non-Marketable Umit Orders(%)    | Other Orders as % of Non-Directed Other Orders Other Orders Other Orders Other Orders Other Orders as % of Non-Directed  | 81.8:<br>18.16<br>0.00<br>0.00                  | Paid/Received for<br>Market Orders(USD   | Paid Meceived for Market Orders(cents per ) hundred shares) hundred shares) control of the contr | Paid/Received for Marketable Limit Orders(USD)  0 0 0 0 0 0 0 0 Net Payment Paid/Received for Marketable Limit                  | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0  Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)  | Paid/Received for  On-Marketable Limit Orders(USD)  O  O  O  O  Net Payment Paid/Received for Non-Marketable  | Paid/Received for  O  Net Payment Paid/Received for Non-Marketable Unit Orders(cents per hundred shares)  O  O  Net Payment Paid/Received for Non-Marketable Unitin Orders(cents   | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for                     | Paid/Received for Other Orders/cents per hundred shares)  0  0  0  0  Net Payment Paid/Received for Other Orders/cents   |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) LICCOMO  ASDAQ Execution Services, LLC(NSDQ) GI Execution Services, LLC(ETMM) Jane Street Capital, LLC(JANT) January 2023 Option Contracts Summary Total Non-Directed Orders  Venue - Non- directed Order Flow February 2023 S&P 500 Stocks Summary Summary Total Non-Directed Orders  Services, LLC(NSDQ)  Venue - Non- directed Order Flow February 2023 S&P 500 Stocks Summary Total Non-Directed Orders  Total Non-Directed Orders   | Orders  17  15  8  6  3  Non-Directed Orders as % of All Orders  Non-Directed Orders as % of All Orders  Non-Directed Orders as % of All Orders  | Orders(%)  34.69  30.61  16.33  12.24  6.12  Total Market Orders  Non-Directed Orders(%)                          | Market Orders as % of Non-Directed Orders  Market Orders  Market Orders as % of Non-Directed Orders   | 26.67 43.33 0.00 20.00 10.00 Total Marketable Limit Orders 0   | Orders  (  (  (  (  (  (  (  (  (  (  (  (  (  | 0.00 0.00 0.00 0.00 0.00 0.00 Total Non-Marketable Limit Orders | Non-Marketable Limit Orders  Non-Marketable Limit Orders as % of Non-Directed Orders  Non-Marketable Limit Orders as % of Non-Directed Orders   | Limit Orders(%)  0.00  0.00  100.00  0.00  Total Other Orders  Non-Marketable Umit Orders(%)    | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00            | Paid/Received for<br>Market Orders(USD   | Paid Meceived for Market Orders(cents per ) hundred shares) hundred shares) control of the contr | Paid/Received for Marketable Limit Orders(USD)  0 0 0 0 0 0 0 0 Net Payment Paid/Received for Marketable Limit                  | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0  Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)  | Paid/Received for  On-Marketable Limit Orders(USD)  O  O  O  O  Net Payment Paid/Received for Non-Marketable  | Paid/Received for  O  Net Payment Paid/Received for Non-Marketable Unit Orders(cents per hundred shares)  O  O  Net Payment Paid/Received for Non-Marketable Unitin Orders(cents   | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for                     | Paid/Received for Other Orders/cents per hundred shares)  0  0  0  0  Net Payment Paid/Received for Other Orders/cents   |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) Citadel Securities LLC(CDRG)  NASDAQ Execution Services, LLC(EVMG) Jane Street Capital, LLC(LORG) Janes Street Capital, LLC(LORG) Janes Veret Capital, LLC(LORG) January 2023 Option Contracts Summary Venue - Non- directed Order Flow February 2023 S&P 500 Stocks Summary Total Non-Directed  | Orders  17  15  8  6  6  Non-Directed Orders as % of All Orders  Non-Directed Orders as % of All Orders as % | Orders(%)  34.69  30.61  16.33  12.24  6.12  Total Market Orders  Non-Directed Orders(%)                          | Market Orders as % of Non-Directed  Market Orders  Market Orders  | 26.67 43.33 0.000 20.000 10.000 Total Marketable Umit Orders 0   | Orders  ()  ()  ()  ()  ()  ()  ()  ()  ()  (  | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)   | Non-Marketable Limit Orders  8  Non-Marketable Limit Orders as % of Non-Directed Orders  Non-Marketable Limit Orders as % of Non-Morketable Limit Orders as % of Non-Directed | Limit Orders(%)  0.00  0.00  100.00  0.00  Total Other Orders  Non-Marketable Umit Orders(%)    | Other Orders as % of Non-Directed Other Orders Other Orders Other Orders Other Orders Other Orders as % of Non-Directed  | 0.00<br>0.00<br>0.00<br>0.00<br>0.00            | Paid/Received for<br>Market Orders(USD   | Paid Meceived for Market Orders(cents per ) hundred shares) hundred shares) control of the contr | Paid/Received for Marketable Limit Orders(USD)  0 0 0 0 0 0 0 0 Net Payment Paid/Received for Marketable Limit                  | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0  Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)  | Paid/Received for  On-Marketable Limit Orders(USD)  O  O  O  O  Net Payment Paid/Received for Non-Marketable  | Paid/Received for  O  Net Payment Paid/Received for Non-Marketable Unit Orders(cents per hundred shares)  O  O  Net Payment Paid/Received for Non-Marketable Unitin Orders(cents   | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for                     | Paid/Received for Other Orders/cents per hundred shares)  0  0  0  0  Net Payment Paid/Received for Other Orders/cents   |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) Citadel Securities LLIC(CDRG)  NASDAQ Execution Services, LLIC(ENTE) Janes Street Capital, LLIC(LICR) Janes Street Capital, LLIC(LICR) January 2023 Option Contracts Summary Venue - Non- directed Order Flow February 2023 S&P 500 Stocks Summary  Total Non-Directed Orders   | Orders  17  15  8  6  3  Non-Directed Orders as % of All Orders  Non-Directed Orders as % of All Orders  Non-Directed Orders as % of All Orders  | Orders(%)  34.69  30.61  16.33  12.24  6.12  Total Market Orders  Non-Directed Orders(%)                          | Market Orders as % of Non-Directed Orders  Market Orders  Market Orders as % of Non-Directed Orders   | 26.67 43.33 0.000 20.000 10.000 Total Marketable Umit Orders 0   | Orders  (  (  (  (  (  (  (  (  (  (  (  (  (  | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)   | Non-Marketable Limit Orders  Non-Marketable Limit Orders as % of Non-Directed Orders  Non-Marketable Limit Orders as % of Non-Directed Orders   | 0.00  | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00            | Paid/Received for<br>Market Orders(USD   | Paid/Received for Market Orders(cents per ) hundred shares)  CO  | Paid/Received for Marketable Limit Orders(USD)  0 0 0 0 0 0 0 0 Net Payment Paid/Received for Marketable Limit                  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Paid/Received for  On-Marketable Limit Orders(USD)  O  O  O  O  Net Payment Paid/Received for Non-Marketable  | Paid/Received for On-Marketable Limit Orders(cents per hundred shares) O O O O O O O O O O O O O O O O O O O   | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for                     | Paid/Received for Other Orders/cents per hundred shares)  0  0  0  0  Net Payment Paid/Received for Other Orders/cents   |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) Citadel Securities LLIC(CDRG)  NASDAQ Execution Services, LLIC(ENTE) Janes Street Capital, LLIC(LICR) Janes Street Capital, LLIC(LICR) January 2023 Option Contracts Summary Venue - Non- directed Order Flow February 2023 S&P 500 Stocks Summary  Total Non-Directed Orders   | Orders  17  15  8  6  3  Non-Directed Orders as % of All Orders  Non-Directed Orders as % of All Orders  Non-Directed Orders as % of All Orders  | Orders(%)  34.69  30.61  16.33  12.24  6.12  Total Market Orders  Non-Directed Orders(%)                          | Market Orders as % of Non-Directed Orders  Market Orders  Market Orders as % of Non-Directed Orders   | 26.67 43.33 0.000 20.000 10.000 Total Marketable Umit Orders 0   | Orders  (  (  (  (  (  (  (  (  (  (  (  (  (  | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)   | Non-Marketable Limit Orders  Non-Marketable Limit Orders as % of Non-Directed Orders  Non-Marketable Limit Orders as % of Non-Directed Orders   | 0.00  | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00            | Paid/Received for Market Orders(USD)   | Paid Meceived for Market Orders(cents per ) hundred shares)  Co C  | Paid/Received for Marketable Limit Orders(USD)  0  0  0  0  0  0  0  Net Payment Paid/Received for Marketable Limit Orders(USD) | Paid/Received for Paid/Receive | Paid/Received for  O  Net Payment Paid/Received for Non-Marketable Limit Orders(USD)  Net Payment Paid/Received for Non-Marketable Limit Orders(USD)  | Paid/Received for  O  Net Payment Paid/Received for  Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)  Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)                              | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for Other Orders(USD)   | Paid/Received for Other Orders/cents per hundred shares].  |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) LIC(DNG)  NASDAQ Execution Services, LIC(NSDQ) G1 Execution Services, LIC(RSDQ) January 2023 Option Contracts Summary  Venue - Non- directed Order Flow February 2023 S&P 500 Stocks Summary  Total Non-Directed Orders  Total Non-Directed Orders | Orders  17  15  8  6  3  Non-Directed Orders as % of All Orders  Non-Directed Orders as % of All Orders  Non-Directed Orders as % of All Orders  | Orders(%)  34.69  30.61  16.33  12.24  6.12  Total Market Orders  Non-Directed Orders(%)                          | Market Orders as % of Non-Directed Orders  Market Orders  Market Orders as % of Non-Directed Orders   | 26.67 43.33 0.000 20.000 10.000 Total Marketable Umit Orders 0   | Orders  ()  ()  ()  ()  ()  ()  ()  ()  ()  (  | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)   | Non-Marketable Limit Orders  Non-Marketable Limit Orders as % of Non-Directed  Non-Marketable Limit Orders  Non-Marketable Limit Orders  17.65  | Umit Orders(%)  0.00  100.00  0.00  0.00  Total Other Orders  Non-Marketable Umit Orders(%)     | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00            | Paid Received for Market Orders(USD)  Net Payment Paid Received for Market Orders(USD)  Net Payment Paid Received for Market Orders(USD) | Paid Meceived for Market Orders(cents per ) to the control of the  | Paid/Received for Marketable Limit Orders(USD)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0  0  0  Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)  | Paid/Received for On-Marketable Limit Orders(USD)  O  O  O  O  Net Payment Paid/Received for Non-Marketable Limit Orders(USD)  Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Paid/Received for  O  O  O  O  Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)  Net Payment Paid/Received for Non-Marketable Net Payment Paid/Received for Non-Marketable Net Payment Paid/Received for Non-Marketable | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for Other Orders(USD)   | Paid/Received for Other Orders/cents per hundred shares)  O  O  O  O  Net Payment Paid/Received for Other Orders/cents per hundred shares)   |
| Venue - Non- directed Order Flow VIRTU America, LIC(DMT) LIC(COMG) NASDAQ Execution Services, LLC(NSDQ) G1 Execution Services, LLC(ETMM) Jane Street Capital, LLC(LORT) LLC(LORT) January 2023 Option Contracts Summary  Total Non-Directed Orders  Venue - Non- directed Order Flow February 2023 S&P 500 Stocks Summary  Total Non-Directed Orders  17 Venues 17 Venues 17 Venues  | Orders  17  15  8  6  3  Non-Directed Orders as % of All Orders  | Orders(%)  34.69  30.61  16.33  12.24  6.12  Total Market Orders  Non-Directed Orders(%)  Total Market Orders  14 | Market Orders as % of Non-Directed Orders  Market Orders = 0.00  Market Orders = 3 % of Non-Directed Orders = 32.35   | 26.67 43.33 0.00 20.00 10.00 Total Marketable Limit Orders  Market Orders(%) Total Marketable Limit Orders 0   | Orders  (  (  (  (  (  (  (  (  (  (  (  (  (  | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)   | Non-Marketable Limit Orders  0  0  0  0  0  0  0  0  0  0  0  0  0  | Limit Orders(%)  0.00  100.00  100.00  0.00  Total Other Orders  Non-Marketable  Non-Marketable | Other Orders as % of Non-Directed Orders Other Orders 0.00 Other Orders as % of Non-Directed Orders as % of Non-Directed Orders 0.00   | 81.8: 18.18 0.00 0.00 0.00 0.00 Other Orders(%) | Paid/Received for Market Orders(USD)  Net Payment Paid/Received for Market Orders(USD)  Net Payment Paid/Received for Market Orders(USD) | Paid / Received for Market Orders(cents per ) hundred shares) hundred shares) CO   | Pald/Received for Marketable Limit Orders(USD)  0  0  0  0  0  0  0  Net Payment Pald/Received for Marketable Limit Orders(USD) | Paid/Received for Marketable Limit Orders/cents per hundred shares)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Paid/Received for  O  Net Payment Paid/Received for Non-Marketable Limit Orders(USD)  Net Payment Paid/Received for Non-Marketable Limit Orders(USD)  | Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)  Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)  Net Payment Paid/Received for Non-Marketable Limit Orders(cents                              | Paid/Received for Other Orders(USD)  0 0 0 0 0 0 0 Net Payment Paid/Received for Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares].  |
| Venue - Non- directed Order Flow VIRTU Americas, LIC(NTE) LIC(DNG)  NASDAQ Execution Services, LIC(NSDQ) G1 Execution Services, LIC(RSDQ) January 2023 Option Contracts Summary  Venue - Non- directed Order Flow February 2023 S&P 500 Stocks Summary  Total Non-Directed Orders  Total Non-Directed Orders | Orders  17  15  8  6  3  Non-Directed Orders as % of All Orders  | Orders(%)  34.69  30.61  16.33  12.24  6.12  Total Market Orders  Non-Directed Orders(%)                          | Market Orders as % of Non-Directed Orders  82.35 | 26.67 43.33 0.000 20.000 10.000 Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders | Orders  ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (    | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)   | Limit Orders  8  8  0  0  0  Non-Marketable Limit Orders as % of Non-Directed Orders  Non-Marketable Limit Orders as % of Non-Orders  Non-Marketable Limit Orders as % of Non-Orders  17.65   | Umit Orders(%)  0.00  100.00  0.00  0.00  Total Other Orders  Non-Marketable Umit Orders(%)     | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders   | 0.00<br>0.00<br>0.00<br>0.00<br>0.00            | Paid Meceived for Market Orders(USD)  Net Payment Paid Meceived for Market Orders(USD)  Net Payment Paid Meceived for Market Orders(USD) | Paid / Received for Market Orders(cents per ) hundred shares) hundred shares) CO   | Paid/Received for Marketable Limit Orders(USD)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Paid/Received for Marketable Limit Orders(cents per hundred shares)  0  0  0  0  0  0  0  Net Payment Paid/Received for Marketable Limit Orders(cents per hundred shares)  | Paid/Received for On-Marketable Limit Orders(USD)  O  O  O  O  Net Payment Paid/Received for Non-Marketable Limit Orders(USD)  Net Payment Paid/Received for Non-Marketable Limit Orders(USD) | Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)  Net Payment Paid/Received for Non-Marketable Limit Orders(cents per hundred shares)  Net Payment Paid/Received for Non-Marketable Limit Orders(cents                              | Paid/Received for Other Orders(USD)  0  0  0  0  Net Payment Paid/Received for Other Orders(USD)   | Paid/Received for Other Orders/cents per hundred shares)  O  O  O  O  Net Payment Paid/Received for Other Orders/cents per hundred shares)   |

|  |  |   |  |  |  |   |  |   |   |   |  | •  |   |   |  |  |  |  |
|--|--|---|--|--|--|---|--|---|---|---|--|--|---|---|--|--|--|--|
| VIRTU Americas,  |  | 17.39   |  |  |  | 0.00  |  | 0.00  |   | 0.00  |  |  |   |   |  |  |  |  |
| LLC(NITE)  | 4  | 17.39   | 4  | 22.22  |  | 0.00  | -  | 0.00  | - 0   | 0.00  | -  | 0  | - 0   | 0   | 0  | 0  | 0                                      | 9  |
| G1 Execution   |  |   |  |  |  |   |  |   |   |   |  |  |   |   |  |  |  |  |
| Services, LLC(ETMM)  | 2  | 8.70  | 2  | 11.11  | . c  | 0.00  | C  | 0.00  | 0   | 0.00  |  | 0  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| Members  |  |   |  |  |  |   |  |   |   |   |  |  |   |   |  |  |  |  |
| Exchange(MEMX) New York Stock  | 2  | 8.70  | 0  | 0.00   | 0  | 0.00  | 2  | 40.00   | 0   | 0.00  | -  | 0  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| Exchange(NYSE)   | 2  | 8.70  |  | 0.00   |  | 0.00  |  | 40.00   |   | 0.00  |  |  |   | ١ ،   | _  |  |  |  |
| Choe EDGX US   | -  | 0.70  |  | 0.00   | 1  | 0.00  |  | 40.00   |   | 0.00  |  |  | ı   | Ů   |  |  |  |  |
| Equities   |  |   |  |  |  |   |  |   |   |   |  |  |   |   |  |  |  |  |
| Exchange(EDGX)   | 1  | 4.35  | 0  | 0.00   | 0  | 0.00  | 1  | 20.00   | 0   | 0.00  | -  | 0  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| StoneX Financial<br>INC.(INTL)   |  | 4 35  |  | 5.56   |  | 0.00  | ٫  | 0.00  |   | 0.00  |  |  |   | ١ ,   |  | l .  |  |  |
| February 2023  | 1  | 4.33  | 1  | 5.50   |  | 0.00  | -  | 0.00  | -   | 0.00  |  | ,  | -   |   | 0  | - 0  | - 0                                    | -  |
|  |  |   |  |  |  |   |  |   |   |   |  |  |   |   |  |  |  |  |
| Non-S&P 500 Stocks   |  |   |  |  |  |   |  |   |   |   |  |  |   |   |  |  |  |  |
| Summary  |  |   |  |  |  |   |  |   |   |   |  |  |   |   |  |  |  |  |
|  | Non-Directed   |   | Market Orders as %   |  | Marketable Limit   |   | Non-Marketable<br>Limit Orders as % of   |   | Other Orders as %   |   |  |  |   |   |  |  |  |  |
| Total Non-Directed   |  |   | of Non-Directed  | Total Marketable   | Orders as % of Non-  |   | Non-Directed   |   | of Non-Directed   |   |  |  |   |   |  |  |  |  |
|  | Orders   | Total Market Orders   |  | Limit Orders   | Directed Orders  | Total Non-Marketable Limit Orders   | Orders   | Total Other Orders  |   |   |  |  |   |   |  |  |  |  |
| 70   | 100.00   |   | 30.00  | 11   | 15.71  | . 22  | 31.43  |   |   |   |  |  |   |   |  |  |  |  |
| Venues   |  |   |  |  |  |   |  |   |   |   |  |  |   |   |  |  |  |  |
|  |  |   |  |  |  |   |  |   |   |   |  | Net Payment  |   | Net Payment   |  | Net Payment  |  |  |
|  |  |   |  |  |  |   |  |   |   |   |  | Paid/Received for  | Net Payment   | Paid/Received for   | Net Payment  | Paid/Received for  |  | Net Payment  |
|  |  |   |  |  |  |   |  |   |   |   | Net Payment  | Market   | Paid/Received for   | Marketable Limit  | Paid/Received for  | Non-Marketable   | Net Payment                            | Paid/Received for  |
|  | Non-Directed   | Non-Directed  |  |  | Marketable Limit   |   | Non-Marketable   | Non-Marketable  |   |   | Paid/Received for  | Orders(cents per   | Marketable Limit  | Orders(cents per  | Non-Marketable   | Limit Orders(cents   | Paid/Received for                      | Other Orders(cents   |
| directed Order Flow  | Orders   | Orders(%)   | Market Orders  | Market Orders(%)   | Orders   | Marketable Limit Orders(%)  | Limit Orders   | Limit Orders(%)   | Other Orders  | Other Orders(%)   | Market Orders(USD  | ) hundred shares)  | Orders(USD)   | hundred shares)   | Limit Orders(USD)  | per hundred shares)  | Other Orders(USD)                      | per hundred shares)  |
|  |  |   |  |  |  | 1   |  |   |   |   | 1  | 1  | 1   |   |  | 1  | 1                                      |  |
| NASDAQ Execution   |  |   |  |  |  | 1   |  |   |   |   | 1  | 1  | 1   |   |  | 1  | 1                                      |  |
| Services, LLC(NSDQ)  | 65   | 42.76   | 0  | 0.00   |  | 0.00  | 65   | 62.50   | 0   | 0.00  |  | 0  | 0   |   | 0  | 0  | 0                                      | 0  |
| New York Stock   |  |   |  |  |  |   |  |   |   |   |  |  |   |   |  |  |  | 7  |
| Exchange(NYSE) Citadel Securities  | 21   | 13.82   | 0  | 0.00   | -  | 0.00  | 21   | 20.19   | 0   | 0.00  | -  | 1 0  | - 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(CDRG)  | 19   | 12.50   | 12   | 57.14  |  | 27.27   |  | 0.00  |   | 25.00   |  | ، ار   |   |   |  |  |  |  |
| VIRTU Americas,  |  |   |  |  |  |   |  |   |   |   |  | 1  | 1   | ľ   |  | 1  | 1                                      | <u> </u>   |
| LLC(NITE)  | 15   | 9.87  | 1  | 4.76   | 3  | 27.27   |  | 0.00  | 11  | 68.75   | -  | ) (  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| Choe EDGX US   |  |   |  |  |  | 1   |  |   |   |   | 1  | 1  | 1   |   |  | 1  | 1                                      |  |
| Exchange(EDGX)   | 12   | 7.89  |  | 0.00   |  | 0.00  | 12   | 11.54   |   | 0.00  |  |  |   | ١ .   | _  |  |  |  |
| Exchange (ED OX)   | **   | 7.03  |  | 0.00   | 1  | 0.00  | **   | 11.5  |   | 0.00  |  |  |   |   | ,  |  |  | -  |
| G1 Execution   |  |   |  |  |  |   |  |   |   |   |  |  |   |   |  |  |  |  |
| Services, LLC(ETMM)  | 8  | 5.26  | 6  | 28.57  | 2  | 18.18   | -  | 0.00  | 0   | 0.00  | -  | 0  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| Members<br>Exchange(MEMX)  | 6  | 3.95  | 0  | 0.00   |  | 0.00  |  | 5.77  | 0   | 0.00  |  |  |   | ٥ .   | 0  |  | 0                                      |  |
| Two Sigma  |  |   |  |  |  |   |  | -   |   |   |  |  |   | _   | -  | _  | _                                      |  |
| Securities,  |  |   |  |  |  |   |  |   |   |   |  |  |   |   |  |  |  | 1  |
|  |  |   |  |  |  |   |  |   |   |   |  |  |   |   |  |  |  | 1  |
| LLC(SOHO)  | 3  | 1.97  | 1  | 4.76   | . 2  | 18.18   |  | 0.00  | 0   | 0.00  |  | 0  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO) UBS Securities,  | 3  |   | 1  |  | . 2  |   |  |   | 0   |   |  | 0 0  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO) UBS Securities, LLC(UBSS)  | 2  | 1.97  | 1  | 4.76   | 1 1  | 9.09  | c  | 0.00  | 0   | 0.00  |  | 0 0  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO)  UBS Securities,  LLC(UBSS)  Jane Street Capital,  LLC(JNST)   | 3<br>2<br>1  |   | 0  |  |  |   |  |   |   |   |  |  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO)  UBS Securities,  LLC(UBSS)  Jane Street Capital,  LLC(JNST)  February 2023  | 3<br>2<br>1  | 1.32  | 0  | 0.00   |  | 9.09  |  | 0.00  |   | 6.25  | (  | 3 6  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO)  UBS Securities, LLC(UBSS)  Jane Street Capital, LLC(JNST)  February 2023  Option Contracts  | 3<br>2<br>1  | 1.32  | 0  | 0.00   |  | 9.09  |  | 0.00  |   | 6.25  | (  | 0 0  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO)  UBS Securities,  LLC(UBSS)  Jane Street Capital,  LLC(JNST)  February 2023  | 3<br>2<br>1  | 1.32  | 1  | 0.00   |  | 9.09  |  | 0.00  |   | 6.25  | (  | 0 0  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO) UBS Securities, LLC(UBSS) Jane Street Capital, LLC(JNST) February 2023 Option Contracts Summary  | 3 2 1 Non-Directed   | 1.32  | 1 0 1 Market Orders as %   | 4.76   | Marketable Limit   | 9.09  | Non-Marketable<br>Limit Orders as % of   | 0.00  | Other Orders as %   | 6.25  | (  | ) C  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO) UBS Securities, LLC(UBSS) Jane Street Capital, LLC(UNST) February 2023 Option Contracts Summary  Total Non-Directed  | Orders as % of All   | 0.66  | of Non-Directed  | 0.00 4.76  Total Marketable  | Marketable Limit Orders as % of Non-   | 9.09  | Non-Marketable<br>Limit Orders as % of<br>Non-Directed   | 0.00  | Other Orders as % of Non-Directed   | 6.25  | (  | 3 0  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO) UBS Securities, LLC(UBSS) Jane Street Capital, LLC(UNST) February 2023 Option Contracts Summary  Total Non-Directed  | Orders as % of All<br>Orders   | 1.32<br>0.66  | of Non-Directed<br>Orders  | 4.76   | Marketable Limit<br>Orders as % of Non-<br>Directed Orders   | 9.09  | Non-Marketable<br>Limit Orders as % of<br>Non-Directed<br>Orders   | 0.00<br>0.00  | Other Orders as % of Non-Directed Orders  | 6.25  | 4  | ) (c   | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO) UBS Securities, LLC(UBSS) Jane Street Capital, LLC(JNST) February 2023 Option Contracts Summary  Total Non-Directed Orders  0  | Orders as % of All   | 1.32<br>0.66  | of Non-Directed  | 0.00 4.76  Total Marketable  | Marketable Limit Orders as % of Non-   | 9.09  | Non-Marketable<br>Limit Orders as % of<br>Non-Directed   | 0.00<br>0.00  | Other Orders as % of Non-Directed   | 6.25  | (  | ) C  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO) UBS Securities, LLC(UBSS) Jane Street Capital, LLC(UNST) February 2023 Option Contracts Summary  Total Non-Directed  | Orders as % of All<br>Orders   | 1.32<br>0.66  | of Non-Directed<br>Orders  | 0.00 4.76  Total Marketable  | Marketable Limit<br>Orders as % of Non-<br>Directed Orders   | 9.09  | Non-Marketable<br>Limit Orders as % of<br>Non-Directed<br>Orders   | 0.00<br>0.00  | Other Orders as % of Non-Directed Orders  | 6.25  | 1  | 0 0  | 0   | 0   | 0  | 0  | 0                                      | 0  |
| LLC(SOHO) UBS Securities, LLC(UBSS) Jane Street Capital, LLC(JNST) February 2023 Option Contracts Summary  Total Non-Directed Orders  0  | Orders as % of All<br>Orders   | 1.32<br>0.66  | of Non-Directed<br>Orders  | 0.00 4.76  Total Marketable  | Marketable Limit<br>Orders as % of Non-<br>Directed Orders   | 9.09  | Non-Marketable<br>Limit Orders as % of<br>Non-Directed<br>Orders   | 0.00<br>0.00  | Other Orders as % of Non-Directed Orders  | 6.25  | 1  | D C C  | 0   | 0 0   | 0  | 0 0 0 0 Net Payment  | 0                                      | 0  |
| LLC(SOHO) UBS Securities, LLC(UBSS) Jane Street Capital, LLC(JNST) February 2023 Option Contracts Summary  Total Non-Directed Orders  0  | Orders as % of All<br>Orders   | 1.32<br>0.66  | of Non-Directed<br>Orders  | 0.00 4.76  Total Marketable  | Marketable Limit<br>Orders as % of Non-<br>Directed Orders   | 9.09  | Non-Marketable<br>Limit Orders as % of<br>Non-Directed<br>Orders   | 0.00<br>0.00  | Other Orders as % of Non-Directed Orders  | 6.25  |  | Paid/Received for  | 0 0 0 0 Net Payment   | Paid/Received for   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0                    | Paid/Received for  | 0                                      | 0<br>0<br>0  |
| LLC(SOHO)  UBS Securities, LLC(URSS) Jane Street Capital, LLC(INST) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venues  | Orders as % of All<br>Orders<br>0.00   | 1.32<br>0.66  | of Non-Directed<br>Orders  | 0.00 4.76  Total Marketable  | Marketable Limit<br>Orders as % of Non-<br>Directed Orders   | 9.09  | Non-Marketable<br>Limit Orders as % of<br>Non-Directed<br>Orders 0.00  | 0.00  | Other Orders as % of Non-Directed Orders  | 6.25  | Net Payment Paid (Specified for  | Paid/Received for<br>Market  | Paid/Received for   | Paid/Received for<br>Marketable Limit   | Paid/Received for  | Paid/Received for<br>Non-Marketable  | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Paid/Received for  |
| LLC(SOHO) UBS Securities, LLC(UBSS) Jane Street Capital, LLC(URST) February 2023 Option Contracts Summary  Total Non-Directed Orders  O Venues  Venue - Non- directed Order Flow   | Orders as % of All Orders  0.00  Non-Directed  | 1.32<br>0.66  | of Non-Directed<br>Orders  | 0.00 4.76  Total Marketable  | Marketable Limit Orders as % of Non- Directed Orders 0.00  | 9.09  | Non-Marketable<br>Limit Orders as % of<br>Non-Directed<br>Orders   | 0.00<br>0.00  | Other Orders as % of Non-Directed Orders  | 6.25  | Net Payment<br>Paid/Received for<br>Market Orders(USD  | Paid/Received for<br>Market<br>Orders(cents per  |   | Paid/Received for   |  | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Paid/Received for<br>Other Orders(cents  |
| LLC(SOMO) UBS Securities, LLC(UBSS) Jane Street Capital, LLC(DKS) Jane Street Capital, LLC(DKS) Jane Street Capital, Deption Contracts Summary Total Non-Directed Orders  Venues  Venue - Non-   | Orders as % of All Orders  0.00  Non-Directed  | 1.32 0.66  Total Market Orders 0  | of Non-Directed<br>Orders<br>0.00  | 0.00 4.76  Total Marketable Limit Orders 0   | Marketable Limit Orders as % of Non- Directed Orders 0.00  | 9.09 0.00 Total Non-Marketable Limit Orders   | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00   | Total Other Orders  | Other Orders as % of Non-Directed Orders 0.00   | 0.00  | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per   | Paid/Received for<br>Non-Marketable                      | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for                      | Paid/Received for<br>Other Orders(cents  |
| LLC(SOHO) UBS Securities, LLC(UBS) Jane Street Capital, LLC(URS) Jane Street Capital, LLC(URS) February 2023 Option Contracts Summary  Total Non-Directed Orders  O Venues  Venue Non- directed Order Flow March 2023  | Orders as % of All Orders  0.00  Non-Directed  | 1.32 0.66  Total Market Orders 0  | of Non-Directed<br>Orders<br>0.00  | 0.00 4.76  Total Marketable Limit Orders 0   | Marketable Limit Orders as % of Non- Directed Orders 0.00  | 9.09 0.00 Total Non-Marketable Limit Orders   | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00   | Total Other Orders  | Other Orders as % of Non-Directed Orders 0.00   | 0.00  | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per   | Paid/Received for<br>Non-Marketable                      | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for                      | Paid/Received for<br>Other Orders(cents  |
| LLC(SOMO) UBS Securities, LLC(UBSS) Jane Street Capital, LLC(URST) February 2023 Option Contracts Summary Total Non-Directed Orders  Venues  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks  | Orders as % of All Orders  0.00  Non-Directed  | 1.32 0.66  Total Market Orders 0  | of Non-Directed<br>Orders<br>0.00  | 0.00 4.76  Total Marketable Limit Orders 0   | Marketable Limit Orders as % of Non- Directed Orders 0.00  | 9.09 0.00 Total Non-Marketable Limit Orders   | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00   | Total Other Orders  | Other Orders as % of Non-Directed Orders 0.00   | 0.00  | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per   | Paid/Received for<br>Non-Marketable                      | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for                      | Paid/Received for<br>Other Orders(cents  |
| LLC(SOHO) UBS Securities, LLC(UBS) Jane Street Capital, LLC(URS) Jane Street Capital, LLC(URS) February 2023 Option Contracts Summary  Total Non-Directed Orders  O Venues  Venue Non- directed Order Flow March 2023  | Orders as % of All Orders  0.00  Non-Directed Orders   | 1.32 0.66  Total Market Orders 0  | of Non-Directed<br>Orders 0.00   | 0.00 4.76  Total Marketable Limit Orders 0   | Marketable Limit Orders as % of Non- Directed Orders 0.00  Marketable Limit Orders   | 9.09 0.00 Total Non-Marketable Limit Orders   | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00  Non-Marketable Limit Orders  | Total Other Orders  | Other Orders as % of Non-Directed Orders 0.00   | 0.00  | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per   | Paid/Received for<br>Non-Marketable                      | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for                      | Paid/Received for<br>Other Orders(cents  |
| LLC(SOHO) UBS Securities, LLC(UBS) Jane Street Capital, LLC(NST) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venues  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary   | Orders as % of All Orders  0.00  Non-Directed Orders   | 1.32 0.66  Total Market Orders 0  | of Non-Directed Orders 0.00  Market Orders  Market Orders as %   | Total Marketable Limit Orders  0  Market Orders(%)   | Marketable Limit Orders as % of Non- Directed Orders 0.00  Marketable Limit Orders   | 9.09 0.00 Total Non-Marketable Limit Orders   | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00  Non-Marketable Limit Orders Non-Marketable Limit Orders  | Total Other Orders  | Other Orders as % Other Orders Other Orders Other Orders Other Orders   | 0.00  | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per   | Paid/Received for<br>Non-Marketable                      | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for                      | Paid/Received for<br>Other Orders(cents  |
| LLC(SOM)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(INST) February 2023 Option Contracts Summary Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary Total Non-Directed  | Orders as % of All Orders  0.00  Non-Directed Orders  Non-Directed Orders as % of All        | 1.32 0.66  Total Market Orders 0  Non-Directed Orders(%)  | of Non-Directed Orders  0.00  Market Orders  Market Orders as % of Non-Directed  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable  | Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders  Marketable Limit Orders as % of Non-  | 9.09 0.00  Total Non-Marketable Limit Orders  O  Marketable Limit Orders(%)   | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00  Non-Marketable Limit Orders Non-Marketable Limit Orders as % of Non-Marketable Limit Orders as % of Non-Directed             | Total Other Orders  One of the other Orders  Non-Marketable Limit Orders(%)   | Other Orders as % of Non-Directed Orders 0.00 Other Orders Other Orders   | 0.00  | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per   | Paid/Received for<br>Non-Marketable                      | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for                      | Paid/Received for<br>Other Orders(cents  |
| LLC(SOM)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(INST) February 2023 Option Contracts Summary Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary Total Non-Directed  | Orders as % of All Orders  0.00  Non-Directed Orders  Non-Directed Orders as % of All Orders | 1.32 0.66  Total Market Orders 0  Non-Directed Orders(%)  | Market Orders as % of Non-Directed  Market Orders  | Total Marketable Limit Orders  0  Market Orders(%)   | Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Order   | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Marketable Limit Orders(%)   | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00  Non-Marketable Limit Orders Non-Marketable Limit Orders Non-Marketable Limit Orders as % of Non-Directed Orders              | Total Other Orders  Non-Marketable Umit Orders(%)  Total Other Orders   | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders  Other Orders as % of Non-Directed Orders  | 0.00  | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per   | Paid/Received for<br>Non-Marketable                      | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for                      | Paid/Received for<br>Other Orders(cents  |
| LLC(SOHO) UBS Securities, LLC(UBS) Jane Street Capital, LLC(URS) Jane Street Capital, LLC(URS) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venues  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Total Non-Directed Orders  Total Non-Directed Orders  Total Non-Directed Orders  Total Non-Directed Orders   | Orders as % of All Orders  0.00  Non-Directed Orders  Non-Directed Orders as % of All        | 1.32 0.66  Total Market Orders 0  Non-Directed Orders(%)  | Market Orders as % of Non-Directed Orders  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable  | Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders  Marketable Limit Orders as % of Non-  | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Marketable Limit Orders(%)   | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00  Non-Marketable Limit Orders Non-Marketable Limit Orders as % of Non-Marketable Limit Orders as % of Non-Directed             | Total Other Orders  Non-Marketable Umit Orders(%)  Total Other Orders   | Other Orders as % of Non-Directed Orders 0.00 Other Orders Other Orders   | 0.00  | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per   | Paid/Received for<br>Non-Marketable                      | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for                      | Paid/Received for<br>Other Orders(cents  |
| LLC(SOHO) UBS Securities, LLC(UBS) Jane Street Capital, LLC(URS) Jane Street Capital, LLC(URS) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venues  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Total Non-Directed Orders  Total Non-Directed Orders  Total Non-Directed Orders  Total Non-Directed Orders   | Orders as % of All Orders  0.00  Non-Directed Orders  Non-Directed Orders as % of All Orders | 1.32 0.66  Total Market Orders 0  Non-Directed Orders(%)  | Market Orders as % of Non-Directed  Market Orders  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable  | Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Order   | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Marketable Limit Orders(%)   | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00  Non-Marketable Limit Orders Non-Marketable Limit Orders Non-Marketable Limit Orders as % of Non-Directed Orders              | Total Other Orders  Non-Marketable Umit Orders(%)  Total Other Orders   | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders  Other Orders as % of Non-Directed Orders  | 0.00  | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per   | Paid/Received for<br>Non-Marketable                      | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents  | Paid/Received for                      | Paid/Received for<br>Other Orders(cents  |
| LLC(SOHO) UBS Securities, LLC(UBS) Jane Street Capital, LLC(URS) Jane Street Capital, LLC(URS) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Total Non-Directed Orders 28   | Orders as % of All Orders  0.00  Non-Directed Orders  Non-Directed Orders as % of All Orders | 1.32 0.66  Total Market Orders 0  Non-Directed Orders(%)  | Market Orders as % of Non-Directed  Market Orders  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable  | Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Order   | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Marketable Limit Orders(%)   | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00  Non-Marketable Limit Orders Non-Marketable Limit Orders Non-Marketable Limit Orders as % of Non-Directed Orders              | Total Other Orders  Non-Marketable Umit Orders(%)  Total Other Orders   | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders  Other Orders as % of Non-Directed Orders  | 0.00  | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per<br>) hundred shares)   | Paid/Received for<br>Marketable Limit   | Paid/Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares)  | Paid/Received for<br>Non-Marketable                      | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)   | Paid/Received for                      | Paid/Received for<br>Other Orders(cents  |
| LLC(SOHO) UBS Securities, LLC(UBS) Jane Street Capital, LLC(URS) Jane Street Capital, LLC(URS) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Total Non-Directed Orders 28   | Orders as % of All Orders  0.00  Non-Directed Orders  Non-Directed Orders as % of All Orders | 1.32 0.66  Total Market Orders 0  Non-Directed Orders(%)  | Market Orders as % of Non-Directed  Market Orders  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable  | Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Order   | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Marketable Limit Orders(%)   | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00  Non-Marketable Limit Orders Non-Marketable Limit Orders Non-Marketable Limit Orders as % of Non-Directed Orders              | Total Other Orders  Non-Marketable Umit Orders(%)  Total Other Orders   | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders  Other Orders as % of Non-Directed Orders  | 0.00  | Paid/Received for  | Paid/Received for<br>Market<br>Orders/(cents per<br>hundred shares)  | Paid/Received for<br>Marketable Limit<br>Orders(USD)  | Paid/Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares)  | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)   | Paid/Received for                      | Paid/Received for<br>Other Orders(cents<br>per hundred shares)   |
| LLC(SOHO) UBS Securities, LLC(UBS) Jane Street Capital, LLC(URS) Jane Street Capital, LLC(URS) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Total Non-Directed Orders 28   | Orders as % of All Orders  0.00  Non-Directed Orders  Non-Directed Orders as % of All Orders | 1.32 0.66  Total Market Orders 0  Non-Directed Orders(%)  | Market Orders as % of Non-Directed  Market Orders  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable  | Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Order   | 9.09 0.00  Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders                                     | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00  Non-Marketable Limit Orders Non-Marketable Limit Orders Non-Marketable Limit Orders as % of Non-Directed Orders              | Total Other Orders  Non-Marketable Umit Orders(%)  Total Other Orders   | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders  Other Orders as % of Non-Directed Orders  | 0.00  | Paid/Received for<br>Market Orders(USD   | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)  | Paid/Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares)  | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid /Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  | Paid/Received for<br>Other Orders(USD) | Paid/Received for<br>Other Orders(cents  |
| LLCSOMO) UBS Securities, LLCUBSS SUBS SECURITIES, February 2023 Option Contracts Summary  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Total Non-Directed Orders 28  Venues  Venues   | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders 26   | Market Orders as % of Non-Directed Orders  Market Orders 50 Non-Directed Orders 32.86  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  Total Marketable Limit Orders  0               | Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  Marketable Limit Orders  Marketable Cimit Orders  Marketable Limit Orders  O.00  Marketable Limit Orders  Marketable Limit Orders  O.00               | Total Non-Marketable Limit Orders  O  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  2  | Non-Marketable Limit Orders as % of Non-Directed Orders  0.00  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  | Total Other Orders  Non-Marketable Limit Orders(%)  | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders  Other Orders  Other Orders as % of Non-Directed Orders  0.00  | 6.25<br>0.00<br>Other Orders(%)                                     | Paid/Received for<br>Market Orders(USD   | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOM)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(NRT) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Total Non-Directed Orders  28 Venues   | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders 26   | Market Orders as % of Non-Directed  Market Orders  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  Total Marketable Limit Orders                  | Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Orders  0.00   | 9.09 0.00  Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders                                     | Non-Marketable Limit Orders as % of Non-Directed Orders 0.00  Non-Marketable Limit Orders Non-Marketable Limit Orders as % of Non-Marketable Limit Orders as % of Non-Directed Orders 7.14 | Total Other Orders  Non-Marketable Limit Orders(%)  Total Other Orders  | Other Orders as % of Non-Directed Orders  Other Orders  Other Orders  Other Orders as % of Non-Directed Orders  | 0.00  | Paid/Received for<br>Market Orders(USD   | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for Marketable Limit Orders(USD)  Net Payment Paid/Received for | Paid/Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares)  | Paid/Received for Net Payment Paid/Received for          | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Paid/Received for  |
| LLC(SOM)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(INST) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Total Non-Directed Orders  28  Venues  Venue - Non- directed Order Flow March 2023  Venue - Non- directed Order Flow March 2023  Venue - Non- directed Order Flow Cital Non-Directed Orders  28  Venue - Non- directed Order Flow Cital | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders  Non-Directed Orders(%)  | Market Orders as % of Non-Directed Orders  Market Orders 50 Non-Directed Orders 32.86  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  O  Market Orders(%)                            | Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  Marketable Limit Orders  Marketable Cimit Orders  Marketable Limit Orders  O.00  Marketable Limit Orders  Marketable Limit Orders  O.00               | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  Amarketable Limit Orders(%)                   | Non-Marketable Limit Orders as % of Non-Directed Orders  0.00  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  | Total Other Orders  Non-Marketable Limit Orders(%)  Non-Marketable Limit Orders(%)  | Other Orders as % of Non-Directed Orders 0.00  Other Orders  Other Orders 3 % of Non-Directed Orders 0.00  Other Orders 3 % of Non-Directed Orders 0.00                           | Other Orders(%)   | Paid/Received for<br>Market Orders(USD   | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOM)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(NRT) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Total Non-Directed Orders  28 Venues   | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders 26   | Market Orders as % of Non-Directed Orders  Market Orders 50 Non-Directed Orders 32.86  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  Total Marketable Limit Orders  0               | Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  Marketable Limit Orders  Marketable Cimit Orders  Marketable Limit Orders  O.00  Marketable Limit Orders  Marketable Limit Orders  O.00               | Total Non-Marketable Limit Orders  O  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  2  | Non-Marketable Limit Orders as % of Non-Directed Orders  0.00  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  | Total Other Orders  Non-Marketable Limit Orders(%)  | Other Orders as % of Non-Directed Orders 0.00  Other Orders  Other Orders 3 % of Non-Directed Orders 0.00  Other Orders 3 % of Non-Directed Orders 0.00                           | 6.25<br>0.00<br>Other Orders(%)                                     | Paid/Received for<br>Market Orders(USD   | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOHO) UBS Securities, LLC(UBS) Jane Street Capital, LLC(NRT) February 2023 Option Contracts Summary Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Venues  Venues  Venues  Venues  Venues  101 Venues  102 Venues  103 Venues  104 Venues  105 Venues  106 Venues  107 Venues  107 Venues  108 Ven | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders  Total Market Orders  Non-Directed Orders(%)  Non-Directed Orders(%) | Market Orders as % of Non-Directed Orders  Market Orders 50 Non-Directed Orders 32.86  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  O  Market Orders(%)  Market Orders(%)          | Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  Marketable Limit Orders  Marketable Cimit Orders  Marketable Limit Orders  O.00  Marketable Limit Orders  Marketable Limit Orders  O.00               | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  Marketable Limit Orders(%)                    | Non-Marketable Limit Orders as % of Non-Directed Orders  0.00  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  Non-Marketable Limit Orders  7.14                           | Non-Marketable Limit Orders(%)  Non-Marketable Limit Orders(%)  Non-Marketable Limit Orders(%)                                      | Other Orders as % of Non-Directed Orders 0.00  Other Orders  Other Orders 3 % of Non-Directed Orders 0.00  Other Orders 3 % of Non-Directed Orders 0.00                           | Other Orders(%)  Other Orders(%)  Other Orders(%)                   | Paid/Received for<br>Market Orders(USD   | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOMO) UBS Securities, LLC(UBSS) Jane Street Capital, LLC(URST) February 2023 Option Contracts Summany  Venue - Non-directed Orders  Ovenues  Venue - Non-directed Order Flow March 2023 S&F 500 Stocks Summany  Venues  Venues  Venues  Venues  Citadel Securities LLC(CDRG) G1 Execution Services, LLC(ETMM) G5 Services, LLC(ETMM)   | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders  Non-Directed Orders(%)  | Market Orders as % of Non-Directed Orders  Market Orders 50 Non-Directed Orders 32.86  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  O  Market Orders(%)                            | Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  Marketable Limit Orders  Marketable Cimit Orders  Marketable Limit Orders  O.00  Marketable Limit Orders  Marketable Limit Orders  O.00               | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  Amarketable Limit Orders(%)                   | Non-Marketable Limit Orders as % of Non-Directed Orders  0.00  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  Non-Marketable Limit Orders  7.14                           | Total Other Orders  Non-Marketable Limit Orders(%)  Non-Marketable Limit Orders(%)  | Other Orders as % of Non-Directed Orders 0.00  Other Orders  Other Orders 3 % of Non-Directed Orders 0.00  Other Orders 3 % of Non-Directed Orders 0.00                           | Other Orders(%)   | Paid/Received for<br>Market Orders(USD   | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOM)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(INST) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Venues  Venues  Venues  Venues  Venues  Citadel Securities LLC(CPRG) G1 Execution Services, LLC(ETMB) G1 Execution Services, LLC(ETMB) Services,  | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Non-Directed Orders(%)  Non-Directed Orders(%)  Non-Directed Orders(%)  26               | Market Orders as % of Non-Directed Orders  Market Orders 50 Non-Directed Orders 32.86  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  O  Market Orders(%)  Market Orders(%)          | Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders  Marketable Limit Orders  Marketable Limit Orders  0.00  Marketable Limit Orders  0.00   | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  Marketable Limit Orders(%)                    | Non-Marketable Limit Orders as % of Non-Directed Orders  O.OC  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  Non-Marketable Limit Orders  7.14                           | Total Other Orders  Non-Marketable Limit Orders(%)  Non-Marketable Limit Orders(%)  Non-Marketable Limit Orders(%)                  | Other Orders as % of Non-Directed Orders 0.00  Other Orders 0.00  Other Orders as % of Non-Directed Orders 0.00  Other Orders as % of Non-Directed Orders 0.00  Other Orders 0.00 | Other Orders(%)  Other Orders(%)  Other Orders(%)                   | Paid/Received for<br>Market Orders(USD   | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOMO) UBS Securities, LLC(UBS SUBS SELECTORY SERVICES SUBS SELECTORY SERVICES SUBS SERVICES SUBS SERVICES SUBS SUBS SERVICES SUBS SUBS SERVICES SUBS SERVICES SUBS SERVICES SUBS SERVICES SUBS SUBS SUBS SUBS SUBS SUBS SUBS SU  | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders  Total Market Orders  Non-Directed Orders(%)  Non-Directed Orders(%) | Market Orders as % of Non-Directed Orders  Market Orders 50 Non-Directed Orders 32.86  | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  O  Market Orders(%)  Market Orders(%)          | Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders  Marketable Limit Orders  Marketable Limit Orders  0.00  Marketable Limit Orders  0.00   | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  Marketable Limit Orders(%)                    | Non-Marketable Limit Orders as % of Non-Directed Orders  O.OC  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  Non-Marketable Limit Orders  7.14                           | Non-Marketable Limit Orders(%)  Non-Marketable Limit Orders(%)  Non-Marketable Limit Orders(%)                                      | Other Orders as % of Non-Directed Orders 0.00  Other Orders 0.00  Other Orders as % of Non-Directed Orders 0.00  Other Orders as % of Non-Directed Orders 0.00  Other Orders 0.00 | Other Orders(%)  Other Orders(%)  Other Orders(%)                   | Paid/Received for<br>Market Orders(USD   | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOMO)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(INST) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Venues  Venues  Venues  Venues  Venues  Citadel Securities LLC(CDRG) GC Pesculion Services, LLC(ETMG) GIT Post Contracts Services, LLC(ETMG) GIT Post Contracts Services, LLC(ETMG) GG Execution Services, LLC(ETMG) VIRTU Americas, LLC(INTE) Janes Street Capital, June Str | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders  Non-Directed Orders(%)  37.93                                       | Market Orders 92.86  Market Orders 10 Non-Directed Orders 10 Non-Dir | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  0  Market Orders(%)  38.46                     | Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Orders  0.00  Marketable Limit Orders as % of Non- Directed Orders  0.00                                | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  2  Marketable Limit Orders(%)  0.00 0.00      | Non-Marketable Limit Orders as % of Non-Directed Orders  0.00  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  Non-Marketable Limit Orders  7.16                           | Total Other Orders  Non-Marketable Umit Orders(%)  Total Other Orders  Non-Marketable Umit Orders(%)  Non-Marketable Umit Orders(%) | Other Orders as % of Non-Directed Orders 0.00  Other Orders 3 % of Non-Directed Orders 0.00  Other Orders as % of Non-Directed Orders 0.00  Other Orders 0.00                     | Other Orders(%)  Other Orders(%)  Other Orders(%)  O.00             | Paid/Received for Market Orders(USD Market Order | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOMO)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(URS) Jane Street Capital, LLC(URS) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Venues  Venues  Venues  Venues  Venues  LCC(ENG)  Citadel Securities LLC(CENG) VIETU Americas, LLC(URT) VIETU Americas, LLC(URS)  | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders  Non-Directed Orders(%)  37.93  24.14  24.14                         | Market Orders 92.86  Market Orders 10 Non-Directed Orders 10 Non-Dir | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  0  Market Orders(%)  38.46  26.92  23.08  7.69 | Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  O.00 | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  2  Marketable Limit Orders(%)  0.00 0.00      | Non-Marketable Limit Orders as % of Non-Directed Orders  O.OC  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  Non-Marketable Limit Orders  7.14                           | Total Other Orders  Non-Marketable Umit Orders(%)  Non-Marketable Umit Orders(%)  Non-Marketable Umit Orders(%)                     | Other Orders as % of Non-Directed Orders 0.00  Other Orders 0.00                                      | Other Orders(%)  Other Orders(%)  Other Orders(%)  O.00  O.00  O.00 | Paid/Received for Market Orders(USD Nat Payment Paymen | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOM)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(NRT) February 2023 Option Contracts Summary Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023  Venues  Venue - Non- directed Order Flow March 2023  Venues  Venue - Non- directed Order Flow March 2023  Venues  Venue - Non- directed Order Flow Citadel Securities LLC(COMC)  Venue - Non- directed Order Flow Venue - Non- directed Order Flow Citadel Securities LLC(COMC)  Services, LLC(ETMM) VIETU Americas, LLC(NITE) Jane Street Capital, LLC(LC) Instituct   Instituct  | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders  Non-Directed Orders(%)  37.93                                       | Market Orders 92.86  Market Orders 10 Non-Directed Orders 10 Non-Dir | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  0  Market Orders(%)  38.46                     | Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  O.00 | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  2  Marketable Limit Orders(%)  0.00 0.00      | Non-Marketable Limit Orders as % of Non-Directed Orders  O.OC  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  Non-Marketable Limit Orders  7.14                           | Total Other Orders  Non-Marketable Umit Orders(%)  Total Other Orders  Non-Marketable Umit Orders(%)  Non-Marketable Umit Orders(%) | Other Orders as % of Non-Directed Orders 0.00  Other Orders 0.00                                      | Other Orders(%)  Other Orders(%)  Other Orders(%)  O.00             | Paid/Received for Market Orders(USD Nat Payment Paymen | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOMO)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(INST) February 2023 Option Contracts Summary  Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023 S&P 500 Stocks Summary  Venues  Venues  Venues  Venues  Venues  Citadel Securities LLC(CDRG) GG Execution Services, LLC(ETMG) GIAC Execution Services, LLC(ETMG) GIAC Execution Services, LLC(ETMG) GIAC Execution Services, LLC(ETMG) GIAC Execution Services, LLC(ETMG) SIGNET SERVICES LLC(INTE) Jane Street Capital, LLC(I | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders  Non-Directed Orders(%)  37.93  24.14  24.14  6.90                   | Market Orders 92.86  Market Orders 10 Non-Directed Orders 10 Non-Dir | Market Orders(%)  Market Orders(%)  Market Orders(%)  Market Orders(%)  Market Orders(%)  38.46  26.92  23.08  7.69            | Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  O.00 | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  2  Marketable Limit Orders(%)  0.00 0.00 0.00 | Non-Marketable Limit Orders as % of Non-Directed Orders  O.OC  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  Non-Marketable Limit Orders  7.14                           | Total Other Orders  Non-Marketable Umit Orders(%)  Non-Marketable Umit Orders(%)  Non-Marketable Umit Orders(%)  0.00  0.00  0.00   | Other Orders as % of Non-Directed Orders 0.00  Other Orders 0.00                                      | Other Orders(%)  Other Orders(%)  Other Orders(%)  Other Orders(%)  | Paid/Received for Market Orders(USD Nat Payment Paymen | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOM)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(NRT) February 2023 Option Contracts Summary Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023  Venues  Venue - Non- directed Order Flow March 2023  Venues  Venue - Non- directed Order Flow March 2023  Venues  Venue - Non- directed Order Flow Citadel Securities LLC(COMC)  Venue - Non- directed Order Flow Venue - Non- directed Order Flow Citadel Securities LLC(COMC)  Services, LLC(ETMM) VIETU Americas, LLC(NITE) Jane Street Capital, LLC(LC) Instituct   Instituct  | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders  Non-Directed Orders(%)  37.93  24.14  24.14                         | Market Orders 92.86  Market Orders 10 Non-Directed Orders 10 Non-Dir | Total Marketable Limit Orders  Market Orders(%)  Total Marketable Limit Orders  0  Market Orders(%)  38.46  26.92  23.08  7.69 | Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  O.00 | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  2  Marketable Limit Orders(%)  0.00 0.00      | Non-Marketable Limit Orders as % of Non-Directed Orders  O.OC  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  Non-Marketable Limit Orders  7.14                           | Total Other Orders  Non-Marketable Umit Orders(%)  Non-Marketable Umit Orders(%)  Non-Marketable Umit Orders(%)                     | Other Orders as % of Non-Directed Orders 0.00  Other Orders 0.00                                      | Other Orders(%)  Other Orders(%)  Other Orders(%)  O.00  O.00  O.00 | Paid/Received for Market Orders(USD Nat Payment Paymen | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |
| LLC(SOM)  UBS Securities, LLC(UBS) Jane Street Capital, LLC(INST) February 2023 Option Contracts Summary Total Non-Directed Orders  Venue - Non- directed Order Flow March 2023  Venues  Venue - Non- directed Order Flow March 2023  Venues  Venue - Non- directed Order Flow March 2023  Venues  Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venues  Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Citadel Securities LLC(COMO) Venue - Non- directed Order Flow Venue - Non- dire | Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  Non-Directed Orders  100.00   | Total Market Orders  Non-Directed Orders(%)  Total Market Orders  Non-Directed Orders(%)  37.93  24.14  24.14  6.90                   | Market Orders 92.86  Market Orders 10 Non-Directed Orders 10 Non-Dir | Market Orders(%)  Market Orders(%)  Market Orders(%)  Market Orders(%)  Market Orders(%)  38.46  26.92  23.08  7.69            | Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders as % of Non- Directed Orders  O.00  Marketable Limit Orders  O.00 | Total Non-Marketable Limit Orders  Marketable Limit Orders(%)  Total Non-Marketable Limit Orders  2  Marketable Limit Orders(%)  0.00 0.00 0.00 | Non-Marketable Limit Orders as % of Non-Directed Orders  O.OC  Non-Marketable Limit Orders  Non-Marketable Limit Orders  7.14  Non-Marketable Limit Orders  7.14                           | Total Other Orders  Non-Marketable Umit Orders(%)  Non-Marketable Umit Orders(%)  Non-Marketable Umit Orders(%)  0.00  0.00  0.00   | Other Orders as % of Non-Directed Orders 0.00  Other Orders 0.00                                      | Other Orders(%)  Other Orders(%)  Other Orders(%)  Other Orders(%)  | Paid/Received for Market Orders(USD Nat Payment Paymen | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)  Net Payment<br>Paid Received for<br>Market | Paid/Received for<br>Marketable Limit<br>Orders(USD)  Net Payment<br>Paid/Received for<br>Marketable Limit  | Paid/Received for Marketable Limit Orders/cents per hundred shares)  Net Payment Paid/Received for Marketable Limit Orders/cents per Orders/cents | Paid/Received for<br>Non-Marketable<br>Limit Orders(USD) | Paid (Received for<br>Non-Marketable<br>Limit Orders(cents<br>per hundred shares)  Net Payment Paid (Received for<br>Non-Marketable Limit Orders(cents | Paid/Received for<br>Other Orders(USD) | Paid/Received for Other Orders/cents per hundred shares)  Net Payment Paid/Received for Other Orders/cents |

| Part   |  |  |  |  |  |                            |  |  |                    | 1  |   |  |  |  | 1   |                                     |   |                   |  |
|--|--|--|--|--|--|----------------------------|--|--|--------------------|--|---|--|--|--|---|-------------------------------------|---|-------------------|--|
| Series of Series | Non-S&P 500 Stocks   |  |  |  | 1  | 1                          |  |  |                    |  | 1   | 1  |  | 1  |   |                                     |   |                   |  |
| Part   | Summary  |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Section   Sect   |  |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Section   Sect   |  |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Mathematical   Math   |  |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Part   |  | Orders   | Total Market Orders  | Orders   | Limit Orders   | Directed Orders            | Total Non-Marketable Limit Orders                      |  | Total Other Orders | Orders   |   |  |  |  |   |                                     |   |                   |  |
| Part   | 91   | 100.00   | 34   | 37.36  | 9  | 9.89                       | 1/   | 18.68  | 3                  | 34.07  |   |  |  |  |   |                                     |   |                   |  |
| Part   | Venues   |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Part   | Venues   |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Part   |  |  |  |  |  |                            |  |  |                    |  |   |  | Net Payment  |  | Net Payment   |                                     | Net Payment   |                   |  |
| Series of the se |  |  |  |  |  |                            |  |  |                    |  |   |  | Paid/Received for  | Net Payment  | Paid/Received for   | Net Payment                         | Paid/Received for   |                   | Net Payment                                      |
| The control for the control fo |  |  |  |  |  |                            |  |  |                    |  |   | Net Payment  | Market   | Paid/Received for  | Marketable Limit  | Paid/Received for                   | Non-Marketable  | Net Payment       | Paid/Received for                                |
| THE TRANSPORT OF THE PROPERTY  | Venue - Non-   | Non-Directed   | Non-Directed   |  |  | Marketable Limit           |  | Non-Marketable   | Non-Marketable     |  |   | Paid/Received for  | Orders(cents per   | Marketable Limit   | Orders(cents per  | Non-Marketable                      | Limit Orders(cents  | Paid/Received for | Other Orders(cents                               |
| Semigration of the control of the co | directed Order Flow  | Orders   | Orders(%)  | Market Orders  | Market Orders(%)   | Orders                     | Marketable Limit Orders(%)                             | Limit Orders   | Limit Orders(%)    | Other Orders   | Other Orders(%)   | Market Orders(USD)   | hundred shares)  | Orders(USD)  | hundred shares)   | Limit Orders(USD)                   | per hundred shares)                                       | Other Orders(USD) | per hundred shares)                              |
| Secretary Secret |  |  |  |  |  |                            |  |  |                    |  |   |  |  |  | l .   | l .                                 |   |                   |  |
| THINE THE PROPERTY OF THE PROP | Citadal Securities   | 53   | 34.19  | 0  | 0.00   | 0                          | 0.00   | 53   | 66.2               |  | 0.00  | 0  | 0  | 0  | 0   | 0                                   | 0   | 0                 | 0  |
| Part   | LICICORG)  | 20   | 10 71  | 12   | 20 24  | ,                          | 22.22  | ,  | 0.00               |  | 40.62   |  | , ا  |  |   |                                     |   |                   |  |
| Part   |  | 23   | 10.71  | 13   | 30.24  | ,                          | 33.33  | ,  | 0.0                | 13   | 40.03   |  | '  | ,  |   |                                     | •   |                   |  |
| Part   | LLC(NITE)  | 27   | 17.42  | 10   | 29.41  | 2                          | 22.22  | 2  | 0.0                | 15   | 46.88   | 0  |  | 0  |   |                                     |   | 0                 | 0  |
| Mathematical Content   |  |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Mathematical Content   |  |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Part   |  |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| See  | Services, LLC(NSDQ)  | 15   | 9.68   | 0  | 0.00   | 0                          | 0.00   | 15   | 18.7               | 0  | 0.00  | 0  | 0  | 0  | 0   | 0                                   | 0   | 0                 | 0  |
| See  |  |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Tricking State of the control of the | Services II C(FTAAAA)  | 19   | 9 20   |  | 17.65  |                            | 44.44  | , ا  |                    | ,  | 0.20  |  |  |  |   |                                     |   |                   |  |
| Section 1  | Choe EDGX US   | 13   | 6.39   | ь  | 17.65  | 4                          | 44.44  | 1  | 0.0                |  | 9.38  | <u> </u>   | 1  | 1  | t - '   | t - '                               | 1   | <u> </u>          | 1  |
|  | Equities   |  | 1  |  |  | 1                          |  | 1  |                    |  |   | 1  |  | 1  | I   | I                                   | 1   | 1                 | 1  |
| Secretary Secret | Exchange(EDGX)   | 10   | 6.45   | 0  | 0.00   | 0                          | 0.00   | 10   | 12.5               |  | 0.00  |  |  | c  |   |                                     |   | 0                 | 0  |
| Service of the property of the | Jane Street Capital,   |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   | I                 |  |
| Semigriculum 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | LLC(JNST)  | 4  | 2.58   | 4  | 11.76  | 0                          | 0.00   | ) (  | 0.0                | 0  | 0.00  | 0  | 0  | 0  | c   |                                     | 0   | 0                 | 0  |
| Service of the servic | Members  |  |  |  |  |                            |  |  |                    |  |   |  |  |  | 1   | 1                                   |   |                   |  |
| Mathematical   1   | Exchange(MEMX)   | 2  | 1.29   | 0  | 0.00   | 0                          | 0.00   | 1 3  | 2.50               | 0  | 0.00  | 0  | 1 0  | 1 0  | 1   | - 0                                 | 1 0   | 0                 | 0  |
| Market State 1   | RlockCross(BLVV)   |  | 0.00   | _  | 0.00   |                            | 200  | , ,  |                    |  | 2.43  |  |  | ، ا  |   |                                     |   |                   |  |
| Columbia    | UBS Securities   | 1  | U.65   | - 0  | 0.00   | 1                          | 0.00   | 1  | 0.01               | 1  | 3.13  | <u> </u>   | 1  | 1  | Η '   | t - '                               | 1   | <del>  "</del>    | <del>                                     </del> |
| Second state   Seco   | LLC(UBSS)  | 1 1  | 0.65   | 1  | 2.94   | 0                          | 0.00   | ا ا  | 0.0                |  | 0.00  | 0  |  |  |   |                                     |   |                   |  |
| Marche   M   | March 2023   |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Part   | Option Contracts   |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Market Ma | Summary  |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Part   |  |  |  |  |  |                            |  | Non-Marketable   |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Section   Sect   |  | Non-Directed   |  | Market Orders as %   |  | Marketable Limit           |  | Limit Orders as % of   |                    | Other Orders as %  |   |  |  |  |   |                                     |   |                   |  |
| Part   | Total Non-Directed   | Orders as % of All   | T-1-1 84 O   | of Non-Directed  | Total Marketable   | Orders as % of Non-        | Tabal Nama Mandanbah I Ilada Ondara                    | Non-Directed   | T-4-1 Oth O-1      | of Non-Directed  |   |  |  |  |   |                                     |   |                   |  |
| Part      | Orders   | Orders   | Total Market Orders  | Orders   | Limit Orders   | Directed Orders            | Total Non-Marketable Limit Orders                      | Orders   | Total Other Orders | Orders   |   |  |  |  |   |                                     |   |                   |  |
| Part      | - 0  | 0.00   | U  | 0.00   | U  | 0.00                       |  | 0.00   | '                  | 0.00   |   |  |  |  |   |                                     |   |                   |  |
| Part      | Venues   |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Part      |  |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| New Part of Control (1988) 1 ( | I  |  |  |  |  |                            |  |  |                    |  |   |  |  |  |   |                                     |   |                   |  |
| Note of the fire o |  |  |  |  |  |                            |  |  |                    |  |   |  |  |  | Net Payment   |                                     |   |                   |  |
| Series of the se |  |  |  |  |  |                            |  |  |                    |  |   |  | Paid/Received for  |  | Paid/Received for   |                                     | Paid/Received for   |                   |  |
|  |  |  |  |  |  |                            |  |  |                    |  |   |  | Paid/Received for<br>Market  | Paid/Received for  | Paid/Received for<br>Marketable Limit                     | Paid/Received for                   | Paid/Received for<br>Non-Marketable                       |                   | Paid/Received for                                |
|  |  |  |  |  |  |                            |  |  |                    |  |   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
|  |  |  |  | Market Orders  | Market Orders(%)   |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
|  |  |  |  | Market Orders  | Market Orders(%)   |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
|  |  |  |  | Market Orders  | Market Orders(%)   |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| State   Stat   | directed Order Flow  |  |  | Market Orders  | Market Orders(%)   |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| State   Stat   | directed Order Flow  |  |  | Market Orders  | Market Orders(%)   |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| State   Stat   | directed Order Flow  |  |  | Market Orders  | Market Orders(%)   |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Maria   Mari   | lst Quarter, 2023  |  |  | Market Orders  | Market Orders(%)   |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Maria   Mari   | lst Quarter, 2023  |  |  | Market Orders  | Market Orders(%)   |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Maria   Mari   | lst Quarter, 2023  |  |  | Market Orders  | Market Orders(%)   |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Marchan   Marc   | lst Quarter, 2023  |  |  | Market Orders  | Market Orders(%)   |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Marchan   Marc   | lst Quarter, 2023  Jan-23  S&P 500 Stocks  |  |  | Market Orders  | Market Orders(%)   |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Marchander   Mar   | Ist Quarter, 2023  Ist Quarter, 2023  Jan-23  S&P 500 Stocks  Summary  Nac-Decord Order as N   | Orders   | Orders(%)  |  |  |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Marchander   Mar   | Ist Quarter, 2023  Ist Quarter, 2023  Jan-23  S&P 500 Stocks  Summary  Nac-Decord Order as N   | Orders   | Orders(%)  |  |  |                            | Marketable Limit Orders(%)                             |  |                    | Other Orders   | Other Orders(%)   | Paid/Received for  | Paid/Received for<br>Market<br>Orders(cents per  | Paid/Received for<br>Marketable Limit  | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| See 1  | list Quarter, 2023  list Quarter, 2023  jan-23  S&P 500 Stocks  Samoury  No. Choice of Order is \$5.  d 80 Choice of Order is \$5.  d 80 Choice of Order is \$5.   | Orders   | Orders(%)  |  |  |                            | Marketable Limit Orders(%)                             |  |                    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| See 1  | directed Order Flow  Ist Quarter, 2023  Jan-23  Jan-23  SaP 500 Stocks  Summary  Next Direct in \$1.00  Various Order in \$2.00  Various 100  Various 100  | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders(%)  Poleonia Collect in % of Note in Marketing Collect in % of Note in Marketing Collect in Marketing Colle | Non-Presentable Lient Ordines in St. of<br>Mon-Disconst Ordines in St. of  | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders   | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Marie   Column   Co   | directed Order Flow  Ist Quarter, 2023  Jan-23  Jan-23  SaP 500 Stocks  Summary  Next Direct in \$1.00  Various Order in \$2.00  Various 100  Various 100  | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders(%)  Poleonia Collect in % of Poleonia C | Non-Presentable Lient Ordines in St. of<br>Mon-Disconst Ordines in St. of  | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Content   Cont   | Iss Quarter, 2023  Iss Quarter, 2023  Jan-23  Jan-23  SAP 500 Stocks  Samminy  Wan 15an Grant N  Wan 15an Grant Crist No   | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders(%)  Poleonia Collect in % of Poleonia C | Non-Presentable Lient Ordines in St. of<br>Mon-Disconst Ordines in St. of  | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Marcial Algority   | Ist Quarter, 2023  Ist Quarter, 2023  Jan-23  SAP 500 Stocks Sammary Nan Oktober 18 to deep 100  Various Various Code File Various Code Fi | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders(%)  Poleonia Collect in % of Poleonia C | Non-Presentable Lient Ordines in St. of<br>Mon-Disconst Ordines in St. of  | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Marcial Algority   | ist Quarter, 2023  ist Quarter, 2023  jan-23  jan-23  Sap 500 Stocks  Summary  New Johnston III  Very West Handboard Order to III  Amount Life Pill  Amount Life Pill  Amount Life CRISTO  | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders(%)  Poleonia Collect in % of Poleonia C | Non-Presentable Lient Ordines in St. of<br>Mon-Disconst Ordines in St. of  | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
|  | ist Quarter, 2023  ist Quarter, 2023  jan-23  jan-23  Sap 500 Stocks  Summary  New Johnston III  Very West Handboard Order to III  Amount Life Pill  Amount Life Pill  Amount Life CRISTO  | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders(%)  Poleonia Collect in % of Poleonia C | Non-Presentable Lient Ordines in St. of<br>Mon-Disconst Ordines in St. of  | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
|  | Iss Quarter, 2023  Iss Quarter, 2023  Jan-23  SAP 500 Stocks  Sammury  Nan-Downed Grain is No. 46 M Crist  Warnus  Warnus 18to disease Crist No.  Warnus  Warn | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders(%)  Poleonia Collect in % of Poleonia C | Non-Presentable Lient Ordines in St. of<br>Mon-Disconst Ordines in St. of  | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Jan 23   1   | SAP 500 Stocks Samous Facilities of the Samous Control of the Samo | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders(%)  Poleonia Collect in % of Poleonia C | Non-Presentable Lient Ordines in St. of<br>Mon-Disconst Ordines in St. of  | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Jan 23   1   | ist Quarter, 2023  ist Quarter, 2023  jan-23  jan-23  Sap 500 Stocks  Summary  New Johnston III  Very West Handboard Order to III  Amount Life Pill  Amount Life Pill  Amount Life CRISTO  | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders(%)  Poleonia Collect in % of Poleonia C | Non-Presentable Lient Ordines in St. of<br>Mon-Disconst Ordines in St. of  | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Continue    | Iss Quarter, 2023  Iss Quarter, 2023  Jan-23  SSP 500 Stocks  Samoury  NoDemond Order or No.  Jan-24  Mark Standard Order  Warter  Mark Standard Order  Total Control Contro   | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders (%)  Howards Land Collec is Not A Name Francis Collec is Not A Name | Nan-Mekedah lain Grien v V V<br>Men-Annad Guben G<br>Herberich Lein Crien (N   | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Continue    | Iss Quarter, 2023  Iss Quarter, 2023  Jan-23  SSP 500 Stocks  Samoury  NoDemond Order or No.  Jan-24  Mark Standard Order  Warter  Mark Standard Order  Total Control Contro   | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders (%)  Howards Land Collec is Not A Name Francis Collec is Not A Name | Nan-Mekedah lain Grien v V V<br>Men-Annad Guben G<br>Herberich Lein Crien (N   | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Section   Control   Cont   | SAP 500 Stocks Sammary MacColonal Orders 10 Miles SAP 500 Stocks Sammary MacColonal Orders 12 Miles Mi | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders (%)  Howards Land Collec is Not A Name Francis Collec is Not A Name | Nan-Mekedah lain Grien v V V<br>Men-Annad Guben G<br>Herberich Lein Crien (N   | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Section   Control   Cont   | SAP 500 Stocks Sammary MacColonal Orders 10 Miles SAP 500 Stocks Sammary MacColonal Orders 12 Miles Mi | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders (%)  Howards Land Collec is Not A Name Francis Collec is Not A Name | Nan-Mekedah lain Grien v V V<br>Men-Annad Guben G<br>Herberich Lein Crien (N   | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Section   Control   Cont   | SAP 500 Stocks Sammary MacColonal Orders 10 Miles SAP 500 Stocks Sammary MacColonal Orders 12 Miles Mi | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders (%)  Howards Land Collec is Not A Name Francis Collec is Not A Name | Nan-Mekedah lain Grien v V V<br>Men-Annad Guben G<br>Herberich Lein Crien (N   | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Section   Control   Cont   | SAP 500 Stocks Sammary MacColonal Orders 10 Miles SAP 500 Stocks Sammary MacColonal Orders 12 Miles Mi | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders (%)  Howards Land Collec is Not A Name Francis Collec is Not A Name | Nan-Mekedah lain Grien v V V<br>Men-Annad Guber G<br>Herberich Lein Crien (N   | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| No. Control Control   No. Control Control Control   No. Control Control   No. Control Control Control Control   No. Control Cont   | Ist Quarter, 2023  Ist Quarter, 2023  Jan-23  S&P 500 Stocks  Sammary  Nan-Discould Order  Nan-Discould Or | Orders  Moder Orders at 4 Man- Control Orders at 4 Man-  | Orders (%)  Howards Land Collec is Not A Name Francis Collec is Not A Name | Nan-Mekedah lain Grien v V V<br>Men-Annad Guber G<br>Herberich Lein Crien (N   | Chier Critics in X of Nation Processed Critics in S  | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| No. Proceedings of the Conference of the Confere | Ist Quarter, 2023  Ist Quarter, 2023  Jan-23  Jan-23  SAP 500 Stocks  Sammary  NEX Discours Ober 18 % of the first of the  | Picture Content in X of Mani-<br>Picture Content in X of Mani-<br>Pictur | Orders(%)  Politorial Colors & | No. Proceeds here Orders as V. Mon. Proceeds Contain. Mon. Discost Contain.  Phenometric Loss Contain. (S)   | Other Critics at Multium-Proceeds Curious Control by Multium-Proceeds Curious Control (N) 1844 - 1844 Curio Chiero (N) 1844 Curio Ch | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| No. Proceedings of the Conference of the Confere | Ist Quarter, 2023  Ist Quarter, 2023  Jan-23  Jan-23  SAP 500 Stocks  Sammary  NEX Discours Ober 18 % of the first of the  | Picture Content in X of Mani-<br>Picture Content in X of Mani-<br>Pictur | Orders(%)  Politorial Colors & | No. Proceeds here Orders as V. Mon. Proceeds Contain. Mon. Discost Contain.  Phenometric Loss Contain. (S)   | Other Critics at Multium-Proceeds Curious Control by Multium-Proceeds Curious Control (N) 1844 - 1844 Curio Chiero (N) 1844 Curio Ch | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| No. Proceedings of the Conference of the Confere | Ist Quarter, 2023  Ist Quarter, 2023  Jan-23  Jan-23  SAP 500 Stocks Sommery  NEX Discould Other at X  JAN 100 STOCK OTHER STOCK  WIND STOCK OTHER STO | Picture Content in X of Mani-<br>Picture Content in X of Mani-<br>Pictur | Orders(%)  Politorial Colors & | No. Proceeds here Orders as V. Mon. Proceeds Contain. Mon. Discost Contain.  Phenometric Loss Contain. (S)   | Other Critics at Multium-Proceeds Curious Control by Multium-Proceeds Curious Control (N) 1844 - 1844 Curio Chiero (N) 1844 Curio Ch | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Cadal Accordant LC (CDA)   | Ist Quarter, 2023  Ist Quarter, 2023  Jan-23  Jan-23  SAP 500 Stocks  Sammary  NEX Discours Ober 18 % of the first of the  | Picture Content in X of Mani-<br>Picture Content in X of Mani-<br>Pictur | Orders(%)  Politorial Colors & | No. Proceeds here Orders as V. Mon. Proceeds Contain. Mon. Discost Contain.  Phenometric Loss Contain. (S)   | Other Critics at Multium-Proceeds Curious Control by Multium-Proceeds Curious Control (N) 1844 - 1844 Curio Chiero (N) 1844 Curio Ch | Orders                     |  | Limit Orders  The Private Pub Relation In No. Private Pub  | Limit Orders(%)    |  |   | Paid/Received for<br>Market Orders(USD)  | Paid Received for<br>Market<br>Orders(cents per<br>hundred shares)   | Paid/Received for<br>Marketable Limit<br>Orders(USD)   | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Cadal Accordant LC (CDA)   | Ist Quarter, 2023  Ist Quarter, 2023  Jan-23  S&P 500 Stocks  Sammary  Nan-Documed Orders IN  Annual Life of South International Order  Nan-Documed Orders IN  Annual Life of South International Order  Nan-Documed Order International Order  Nan-Documed Orders IN  Annual Life of South International Order  Nan-Documed Orders IN  Annual Life of South International Order  Nan-Documed Orders IN  Nan-Documed Orders IN  Nan-Documed Orders IN  Nan-S&P 500 Stocks  Soundary  Nan-Documed Orders IN  Nan-S&P 500 Stocks  Nan-S&P 500 Stock | Picture Content in X of Mani-<br>Picture Content in X of Mani-<br>Pictur | Orders(%)  Politorial Colors & | No. Proceeds here Orders as V. Mon. Proceeds Contain. Mon. Discost Contain.  Phenometric Loss Contain. (S)   | Other Critics at Multium-Proceeds Curious Control by Multium-Proceeds Curious Control (N) 1844 - 1844 Curio Chiero (N) 1844 Curio Ch | Orders                     |  | Imit Orders  Not Spend Fail Section 1  Not S | Limit Orders(%)    | No Paymon Dat States of the Paymon Dat States of the Paymon Dat States of the No. And of the United States of the No. And of t | Nan Paparat Paul Radinal for Nan<br>Printed Nan Certain (CRI) | Paid/Received for Market Orders/USD)  Net Roman For Family In Paid Toleral In  | Paid Received for Market Orders(cents per hundred shares)  Net Papear Paidkamed to Clinical College (State College) (State Col | Paid Received for Marketable Limit Orders(USD)  Not Parent for Statement | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| Cold Location (COSC)   | Ist Quarter, 2023  Ist Quarter, 2023  Jan-23  Jan-23  SaP 500 Stocks  Sammary  Water Hand Grown N  William Hand Grown Code  Not Sap South Code South Code  William Hand Grown Code  William Hand Grown LC (STMP)  Annotes Loc (STMP)  Martin Adaptics  Jan-23  Non-SaP 500 Stocks  Sammary  Non-SaP 500 Stocks  Non-SaP 500 Stocks  Sammary  Non-SaP 500 Stocks  Sammary  Non-SaP 500 Stocks  Sammary  Non-SaP 500 Stocks  Non-SaP 500 S | Private Content in Mid-Discondi Children  Name Chicanal Children  100  Name Children  100  100  100  100  100  100  100  1   | Orders (%)  Placemain Loss (Colon in XVI New Proposed Cristian in XVI New  | Man. Revealed user Creer as V of Man. Revealed Lines Codes (V).  | Other Orders at Sufficient Control of Sufficient Control Orders (Sufficient Control Orders (Sufficient Control Orders (Sufficient Control Orders at Sufficient Co | Orders  Other Collect (Tg) | Nor Payment Pasificational for Philosoc Colonis, (200) | Imit Orders  Not Spend Fail Section 1  Not S | Umit Orders(%)     | No Paymon Dat States of the Paymon Dat States of the Paymon Dat States of the No. And of the United States of the No. And of t | Nan Paparat Paul Radinal for Nan<br>Printed Nan Certain (CRI) | Paid/Received for Market Orders/USD)  Net Roman For Family In Paid Toleral In  | Paid Received for Market Orders(cents per hundred shares)  Net Papear Paidkamed to Clinical College (State College) (State Col | Paid Received for Marketable Limit Orders(USD)  Not Parent for Statement | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| G Innovation (Ling College Col | Ist Quarter, 2023  Ist Quarter, 2023  Jan-23  Jan-23  SaP 500 Stocks  Sammary  Water Hand Grown N  William Hand Grown Code  Not Sap South Code South Code  William Hand Grown Code  William Hand Grown LC (STMP)  Annotes Loc (STMP)  Martin Adaptics  Jan-23  Non-SaP 500 Stocks  Sammary  Non-SaP 500 Stocks  Non-SaP 500 Stocks  Sammary  Non-SaP 500 Stocks  Sammary  Non-SaP 500 Stocks  Sammary  Non-SaP 500 Stocks  Non-SaP 500 S | Private Content in Mid-Discondi Children  Name Chicanal Children  100  Name Children  100  100  100  100  100  100  100  1   | Orders (%)  Placemain Loss (Colon in XVI New Proposed Cristian in XVI New  | Man. Revealed user Creer as V of Man. Revealed Lines Codes (V).  | Other Orders at Sufficient Control of Sufficient Control Orders (Sufficient Control Orders (Sufficient Control Orders (Sufficient Control Orders at Sufficient Co | Orders  Other Collect (Tg) | Nor Payment Pasificational for Philosoc Colonis, (200) | Limit Orders  See Speece Pail Security See See See See See See See See See Se  | Umit Orders(%)     | Non-Paperson Pack Statement for Paperson Pack Statement for Statement fo | Nan Paparat Paul Radinal for Nan<br>Printed Nan Certain (CRI) | Paid/Received for Market Orders(USD)  Nat Repent Paid Salamet for National Service (Service) (Se | Paid Received for Market Orders(cents per hundred shares)  Net Papear Paidkamed to Clinical College (State College) (State Col | Paid Received for Marketable Limit Orders(USD)  New Paymen Finit Remonet limit Orders (USD)  New Paymen Finit R | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
| MRETINET CMPRA, LLC (GIT) 20 2222 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Iss Quarter, 2023  Iss Quarter, 2023  Jan-23  Jan-23  SSP 500 Stocks  Seaming No. Orders in No. Orde | Private Content in Mid-Discondi Children  Name Chicanal Children  100  Name Children  100  100  100  100  100  100  100  1   | Orders (%)  Polestation best Colors in % of New Polestation Co | Na. Heritadia turn Crimer at X at State Control of Cont | Other Orders at Sufficient Control of Sufficient Control Orders (Sufficient Control Orders (Sufficient Control Orders (Sufficient Control Orders at Sufficient Co | Orders  Other Collect (Tg) | Nor Payment Pasificational for Philosoc Colonis, (200) | Limit Orders  See Speece Pail Security See See See See See See See See See Se  | Umit Orders(%)     | Non-Paperson Pack Statement for Paperson Pack Statement for Statement fo | Nan Paparat Paul Radinal for Nan<br>Printed Nan Certain (CRI) | Paid/Received for Market Orders(USD)  Nat Repent Paid Salamet for National Service (Service) (Se | Paid Received for Market Orders(cents per hundred shares)  Net Papear Paidkamed to Clinical College (State College) (State Col | Paid Received for Marketable Limit Orders(USD)  New Paymen Finit Remonet limit Orders (USD)  New Paymen Finit R | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
|  | Jan-23  SAP 500 Stocks Sammary Nano School Stocks Nano Stocks Sammary Nano School Stocks Nano Stocks Sammary Nano School Stocks S | Private Content in Mid-Discondi Children  Name Chicanal Children  100  Name Children  100  100  100  100  100  100  100  1   | Orders (%)  Polestation best Colors in % of New Polestation Co | Na. Heritadia turn Crimer at X at State Control of Cont | Other Orders at Sufficient Control of Sufficient Control Orders (Sufficient Control Orders (Sufficient Control Orders (Sufficient Control Orders at Sufficient Co | Orders  Other Collect (Tg) | Nor Payment Pasificational for Philosoc Colonis, (200) | Limit Orders  See Speece Pail Security See See See See See See See See See Se  | Umit Orders(%)     | Non-Paperson Pack Statement for Paperson Pack Statement for Statement fo | Nan Paparat Paul Radinal for Nan<br>Printed Nan Certain (CRI) | Paid/Received for Market Orders(USD)  Nat Repent Paid Salamet for National Service (Service) (Se | Paid Received for Market Orders(cents per hundred shares)  Net Papear PaidRessed for Chickens fo | Paid Received for Marketable Limit Orders(USD)  New Paymen Finit Remonet limit Orders (USD)  New Paymen Finit R | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |
|  | Iss Quarter, 2023  Iss Quarter, 2023  Jan-23  Jan-23  SSP 500 Stocks  Seaming No. Orders in No. Orde | Private Content in Mid-Discondi Children  Name Chicanal Children  100  Name Children  100  100  100  100  100  100  100  1   | Potential Land Colors & Colors | Man-Periodic Later Colors or S. C.  Man-Periodic Later Colors or S. C.  Plantonic Later Colors (QL  G.  G.  G.  G.  G.  G.  G.  G.  G.  G  | Other Orders at Sufficient Control of Sufficient Control Orders (Sufficient Control Orders (Sufficient Control Orders (Sufficient Control Orders at Sufficient Co | Orders  Other Collect (Tg) | Nor Payment Pasificational for Philosoc Colonis, (200) | Limit Orders  See Speece Pail Security See See See See See See See See See Se  | Umit Orders(%)     | Non-Paperson Pack Statement for Paperson Pack Statement for Statement fo | Nan Paparat Paul Radinal for Nan<br>Printed Nan Certain (CRI) | Paid/Received for Market Orders(USD)  Nat Repent Paid Salamet for National Service (Service) (Se | Paid Received for Market Orders(cents per hundred shares)  Net Papear PaidRessed for Chickens fo | Paid Received for Marketable Limit Orders(USD)  New Paymen Finit Remonet limit Orders (USD)  New Paymen Finit R | Paid/Received for<br>Marketable Limit<br>Orders(cents per | Paid/Received for<br>Non-Marketable | Paid/Received for<br>Non-Marketable<br>Limit Orders(cents | Paid/Received for | Paid/Received for<br>Other Orders(cents          |

| [n   |  |  | 1   | 1  |                                 |  |   |   |  | 1  |  |  |  |  |   |   |               |
|--|--|--|---|--|---------------------------------|--|---|---|--|--|--|--|--|--|---|---|---------------|
| Material Aspects:  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Jan-23   |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| _  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Options Summary Non-Directed Orders as S   |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Non-Directed Orders as %   | Market Orders as % of Non-   | Marketable Limit Orders as % of Non-   | Non-Marketable Limit Orders as % of   | Other Orders as % of Non-  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  | Diseased Orders  | Diseased Orders  | Nos-Directed Orders   | Dicarred Octors  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Venues   |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Venues  Venue -  Non-  | Non-   | Market   | Mariecable  | Nos-   | Other                           | Net Payment  | Net Payment Paid/   | Net Payment Paid?   | Net Payment Paid!  | Net Payment Paid/  | Nec Payment Paid   | V Nec Payment  | Nec Payment Paid/  |  |   |   |               |
|  | Directed   | Orders   | Limit Orders  | Markecable   | Orders                          | Paid/Received for  | Received for Market   | Received for<br>Marketable Limit  | Received for   | Received for Non-  | Received for Non-  | - Paid/Received for  | Received for Other   |  |   |   |               |
| directed   | Orders (%)   | (%)  | (%)   | Limit Orders   | (%)                             | Market   | Orders(cents per  | Marketable Limit  | Marketable Limit   | Markephile Limit   | Marketable Limit   |  |  |  |   |   |               |
| Order  |  |  |   | (X)  |                                 | Orders(USD)  | hundred shares)   | Orders(USD)   | Orders(cents per   | Orders(USD)  | Orders(cents per   | r Orders(USD)  | hundred shares)  |  |   |   |               |
| Row  |  |  |   |  |                                 |  |   |   | hundred shares)  |  | hundred share()  | ,  |  |  |   |   |               |
| Material Aspects:  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Feb-23   |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Fe0-23   |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| S&P 500 Stocks<br>Summary<br>Non-Directed Orders as %  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Summary<br>Non-Directed Orders W   | Market Options to North Street   | Marketable Limit Orders as % of Non-   | Non-Harkstable Lines Contain and William  | Other Online or Northwest  |                                 |  |   |   |  |  |  |  |  |  |   |   | $\overline{}$ |
| of All Corters   | Directed Orders  | Diserved Orders  | Nos-Directed Orders   | Directed Orders  |                                 |  |   |   |  |  | -  |  |  |  |   |   | $\vdash$      |
| Venues   | 100  |  |   |  |                                 |  |   |   | 1  |  | 1  |  | -  |  |   |   | _             |
| / enses  |  |  |   |  |                                 |  | <b> </b>  |   |  |  |  | 1  |  |  |   | l | _             |
|  |  |  |   |  |                                 |  | Nec Payment Paid/ Received for  |   | Net Payment Paid' Received for   |  | Net Payment Paid/ Received for Non-  |  | Net Payment Paid/ Received for   |  |   | l |               |
| Venue - Non-directed Order<br>Row  | Non-Directed Orders (%)  | Market Orders (%)  | Marketable Limit Orders (15)  | Non-Marketable Limit Orders (%)  | Other Orders (N)                | Net Payment Paid/Received for Market Ovders(USD)   | Nec Payment Paid! Received for<br>Harket Orders(cents per hundred<br>shares)  | Nec Payment Paid/ Received for<br>Marketable Limit Ordero(USD)  | Marketable Limit Orders (cents per<br>handred shows)   | Nec Payment Paid/ Received for Non-<br>Marketable Limit Orders(USD)  | Nec Payment Paid/Received for Non-<br>Marketable Limit Orders(cents per<br>hundred shares)   | Net Payment PaidReceived for Other<br>Orders(USD)  | Other Orderojoents per hundred   |  | 1 |   |               |
| Citadel Securities LLC (CDRG)  | 25.01  | 25.01  |   |  |                                 |  | 0 0   |   |  |  |  |  | 0  |  |   |   |               |
| JANE STREET CAPITAL, LLC (INST) UBS SECURITIES LLC   | 25   | 25   |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| UBS SECURITIES LLC   | 25   | 25   |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| TWO SIGMA SECURITIES, LLC<br>(SOHO)  | 16.66  |  |   |  |                                 |  | 0   |   |  |  |  |  |  |  |   |   |               |
| (SOHO)<br>GI Execution Services, LLC (ETMPI)   | 8.33   | 8.33   |   |  |                                 | -  |   |   |  | 4  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Material Aspects:  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Feb-23   |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| - 100-25   |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
|  |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Non-S&P 500 Stocks   |  |  |   |  |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Non-S&P 500 Stocks<br>Summary  | Huler Orders w X of Nov.   | Hodarskia Linir Ordan w Sof Nov.   | Noo Mukanbla linir Onfan u % d  | Other Orders w S. of Nove.   |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Summary  Non-Directed Orders as % of All Orders  | Market Orders as % of Nos-<br>Directed Orders  | Marketable Limit Orders at % of Non-<br>Directed Orders  | Non-Marketable Limit Orders as % of<br>Non-Directed Orders  | Other Orders at % of Non-<br>Directed Orders   |                                 |  |   |   |  |  |  |  |  |  |   |   |               |
| Summary Non-Directed Orders as % of All Orders   | Market Orders as % of Non-<br>Directed Orders<br>63.33   | Marketable Limit Orders at % of Non-<br>Diseased Orders<br>16.67   | Non-Harketable Limit Orders as % of<br>Non-Directed Orders  | Other Orders as X of Non-<br>Directed Orders   | 0                               |  |   |   |  |  |  |  |  |  |   |   |               |
| Summary  Non-Directed Orders as Not All Orders  100  Venues  | 83.33  | 16.67  |   |  | 0                               |  | Noc Payment Paid Received for   |   | Nac Payment Paid Received for  |  | Nec Payment Pidd Received for Non-   |  | Net Payment Paid Received for  |  |   |   |               |
| Summary  Non-Directed Orders as Not All Orders  of All Orders  100  Venues   | Market Orders at % of Non-<br>Directed Orders<br>83.33<br>Non-Directed Orders (N)  | Marketable Limit Orders as % of Non-<br>Directed Orders 16.47 Market Orders (N)  | Non-Harketable Limit Orders ze X of<br>Non-Directed Orders<br>6<br>Harketable Limit Orders (3)              | Other Orders at X of Non-<br>Directed Orders.  | Dater Orders (%)                | Ner Pyress Publikonind for Holse Onder(USO)  | Nice Payment Publi Faceived for<br>Harlest Ordens (comp or hardwork)<br>Autres)   | Net Payment Pold Resolved for<br>Marketable Limit Criders(UED)  | Net Payment Paid Received for<br>Murkenable Limit Orders (coms per<br>hands of the company of the comp | Nec Pyromet Paid Received for Non-Marketable Limit Croters(USD)  | Nie Psymer Pádl Ramived for Nor-<br>Murkenbale Linit Ordens (sees per  | Net Payment FaldRassived for Other Orders(USD)   | Net Payment Paid Received for<br>Other Orderspeece, per hundred  |  |   |   |               |
| Summary Non-Directed Orders at % of All Orders 100 Venues Venue - Non-directed Order Blow  | 83.33  | Harket Orders (%)  |   |  | Other Orders (3)                | No Paymer PostRessed in Perfor Criter(USC)   | Nec Pyreses Paid Resived for<br>Market Orders (soms per handred<br>shares)  | Nic Payment Paid Received for<br>Marketable Limit Corden(UCD)   | Nex Payment Paid Received for<br>Harketable Limit Credens(points per<br>bundred shares)  | Nuc Payment Paid! Received for National Nutrience Limit Condens(USD)   | Nac Pyromet Paid/Resolved for Non-<br>Hardwookle Link Crelen(pens per<br>handred shares)   | Net Payment PaldReaived for Other<br>Orders(USD)   | Net Payment Publi Raceived for<br>Other Orders(james per hundred<br>shares)  |  |   |   |               |
| Summary Non-Directed Orders as % of All Corders 100 Venues Venue - Non-directed Order Riow Closeld Securities LLC (CDRG) VRTU  | 83.33<br>Non-Directed Orders (N)   | Harket Orders (%)  |   |  | Other Orders (N)                | No Pepson Pail Resided to Pficha Crisin(SE)  | Nac Pyreset Paid Resided for<br>Market Orden(costs per handred<br>shares)   | Not Payment Paid Received for<br>Marketable Linic Circlero(LCC)   | Net Payment Platf Received for Medical Received for Medical Elizat Confernitions per Numbered distress)  | Nic Pyrinst Pad Received for Nice<br>Marketable Linic Creters(USD)   | Nic Pyroset Paid Resilved for Non-<br>Markscable Limit Orders(cents per<br>loandred dhave)   | Net Payment PaidStacoived for Other<br>Orders(USD)   | Net Payment Paid Received for<br>Other Orders joers par hundred<br>shares)   |  |   |   |               |
| Summary Neo-Directed Orders as % of All Circles 100 Venues Venue - Nos-directed Order Rev Classife Securities LLC (CDRG)   | 83.33<br>Non-Directed Orders (%)<br>41.68<br>25  | 16.67  Market Orders (%)  40  20   |   |  | Other Orders (19)               | Not Puppers Pail Record for Holes Colom(SE)  | Net Paymest Padd Received for<br>Market Critism gar hundred<br>shares)  | Not Payment Paid Reserved for<br>Marketable Linit Christophy (LCD)  | Net Payment Pad Recoined for<br>Plarketable limit Orden (cons per<br>handred thorus)   | Note Payment Paul Faceived for Note<br>Marketable Linit Croterin (1951)  | Sain Physican Pad Received for Nation<br>Hartenezhik Livin Christiquess per-<br>handrad slaven)<br>0   | Net Pyryseet Padillamined for Other<br>Orders (USD)  | Net Paymer End Recined for<br>Other Christman per handred<br>shared  |  |   |   |               |
| Summary Nex-Disease Orders as % 140 Colors 100 Venues Venue - Non-denead Order Rev Crashif Securities LLC (CDRG) WRTU American LLC QUITE TVO SCHM SECURITIES, LLC COLUMN   | 83.33<br>Nice-Directed Orders (3)<br>41.68<br>25   | 16.67  Market Circlers (3)  40  20   |   |  | Other Orders (N)                | Not Payment Particles and for Tokino Chang(CC)   | Net Prymes Pad Reasond for Mules Circles (see Survey)   | Not Payment Paul Restried for<br>Murketable Linit Christophy (ZED)  | Net Payment Dath Received for<br>Plurtensible lives Conferences per<br>bundred shares)   | Nice Payment Paid! Received for Non-Marketable Linic Crelent(USD)  | Size Payment Publi Received for Nature<br>Markendals Limit Orders (comp per<br>handred shares)   | Not Pyrene Publikation for Other Octors (USD)  | Ner Paymer that Remined for<br>Other Oxforn/perso per handred<br>shared)   |  |   |   |               |
| Summary Nex-Discosed Orders as Not All Orders 100 Ventues Ventues Ventues - Note-deneated Order River Closed Securities LLC (CDRG) VMRU American LLC (CDRG) CLC (CMRG) CLC (CMRG | 83.33<br>Non-Directed Orders (%)<br>41.60<br>25<br>16.66<br>8.33   | 16.67<br>  Planket Circlers (Ib)   40<br>  30<br>  20<br>  0   |   |  | Other Orders (Ti)               | No Papear Pall Restat In Philip Colon(CD)  | Nite Payment Publi Reasoned for<br>Plantine Criterions part handwed<br>shared of the Control of the Co          | Not Payment Pold Renived for<br>Pherintalis Linic Christop(LEC)   | Nat Pypears Pad Record for<br>Plantacide Lins Orders (compar-<br>headers (down)  | Note Payment Paid Received for Note: Markutable Line Credent(USC)  ( (   | Nic Pyrents Paid Bassived for Nazived<br>Plantends Lint Coden (seen per<br>handred during) a<br>G  | Not Payment PaidRessimed for Others (ICD)  | Nat Paymer Paid Received for Other Order/colors per headwel shared of the Other O  |  |   |   |               |
| Sammary  New Command Orders as 5: all 64 Collect  100  Venues  Venue - Non-demand Order fine  Could Security LLC (CDRG)  Amount LLC (CDRG)  Amount LLC (CDRG)  Amount LLC (CTRG)  AMOUNT LLC (CTRG)  JAN STREET CAPITAL, LLC (SHT)  JANS STREET CAPITAL, LLC (SHT)   | 83.33<br>Nice-Directed Orders (3)<br>41.68<br>25   | 16.67<br>  Planket Circlers (Ib)   40<br>  30<br>  20<br>  0   |   |  | Oner Orders (%)                 | the Paymen Part Research for Private Colon(CCO)  | Not Pyrmet Pull Restrict for Market Circles (see See See See See See See See See See  | Not Payment Pold Resided for<br>Phrinciple Line Control (ED)  | Not Payment Paid Received for<br>Philadella laws Collections per<br>Sandred darms)   | Note Physical Paul Received for Note Personal for Paul Mexicania Lines Content(MEI)  | Nic Pyreet Pail Resided for Nice-<br>Platestable line Color(comp per<br>Nachret daves) 6<br>6<br>6<br>6<br>6   | Net Pryseer Publikasined by Other Order (ISD)  | Net Payment Pauli Received for<br>Other Coderoplants par headwal<br>shared   |  |   |   |               |
| Summary New Demond Orders as % af 65 Orders 160 Vanues West Non-demond Order fee Fee Non-demond Order fee Fee Non-demond Order fee Fee Non-demond Order fee Fee Order Non-demond Order fee Fee Order Non-demond Order fee Fee Non-demond Fee Non-demond Order fee Fee Non-demon | 83.33<br>Non-Directed Orders (%)<br>41.60<br>25<br>16.66<br>8.33   | 16.67<br>  Planket Circlers (Ib)   40<br>  30<br>  20<br>  0   |   |  | Other Orders (%)                | No Papeur Pail Second for Pricker Cristor(CEI)   | Nex Prymes Paul Resided by<br>Market Crimination part building<br>shares) 0<br>0<br>0<br>0  | Net Types Put Sealed for Phrisabilities Order(SS)   | Net Pyreet Paid Sealed for<br>Portacide Lini Orien(pore) per<br>handed share)  | Net Pyrami Palif Radiol for No. Perhabits land Order(CRD)  | Not Paperent Fail Teached for Not-<br>Federated Link Characters per<br>handward shares   | No Payesse Positionized for Chie<br>Chies(CED)   | Nee Prymer Paid Remined for<br>Other Caterologue per headand<br>shared 0<br>0  |  |   |   |               |
| Sammary  New Command Orders as 8: all All Colors  (40 M Co | 83.33<br>Nice-Directed Orders (%)<br>41.66<br>25<br>16.66<br>8.33  | Hurlan Croters (%)  Hurlan Croters (%)  40  20  10   | Markeable Limit Orders (%)  Markeable Limit Orders (%)  50  6  51  6  | Non-Marketable Linix Orders (N)  | 0 0 0                           | Not Physical Part Resident for Physics Colom(SSS)  | No Pyrese Pub Radioa Iv<br>Petra Carbon per hadred<br>description of the Carbon per hadred<br>description of the Carbon per hadred<br>of the Carbon per hadred per had    | Not Pymen Pulif Series for Very Series (SEC)  | Her Pyreme that Resource for Photococcus for Section of the Section of   | New Payment Field Received for New Payment Field Received for New Conference Laws Conference Confer | Not Pyromin Pair Ensoned to Not-Photostati Limit Collection per health of three of the collection for the collection of  | Not Payment Paintheasined for Color Color(CEC)   | Net Pyrymer that Record for Charles State of Section 1 of |  |   |   |               |
| Summary New Demond Orders as % af 65 Orders 160 Vanues West Non-demond Order fee Fee Non-demond Order fee Fee Non-demond Order fee Fee Non-demond Order fee Fee Order Non-demond Order fee Fee Order Non-demond Order fee Fee Non-demond Fee Non-demond Order fee Fee Non-demon | 83.33<br>Non-Directed Orders (%)<br>41.60<br>25<br>16.66<br>8.33   | 16.67<br>  Planket Circlers (Ib)   40<br>  30<br>  20<br>  0   |   |  | Other Others (N)  0  0  0  0  0 | No Paymen Parill Scannel for Princise Crisino(SSS)   | Not Pyress Paid Seasond by<br>Plaker Changemy or Audid<br>(Season)<br>0<br>0<br>0<br>0  | See Paymen Root Research for Microsoft Land of the Physical Land Codern(LDD) of G   | No Pyreet Fall Revised to Selection or Selection (see Selection) and Selection (see Selection) a       | New Primer Publi Passion for Teal<br>Protectible Sense Control/DDI   | Not Payment Paid Resided by Not-<br>Philadel Unit Chincipum per<br>handwid drawn)  | New Payment Professional for China<br>Generalization   | The Physics Polit Security Co. Other Chiespines of Auditor Other Chiespines of Au  |  |   |   |               |
| Southeadry New Common Crisine is 3 of Crisine and Crisine and Crisine (00) Various News - New demand Crisin Flow Could Southead Crisin Flow Could Southead Crisin Flow Could Southead Crisine (COUNTY) PROF SOUTH SCENERS, LEC COUNTY PROF STREET COPPA, LEC (1997) Material Appects   | 8.33<br>Non-Directed Orders (N)<br>41.68<br>25<br>16.44<br>8.33  | Hurlan Croters (%)  Hurlan Croters (%)  40  20  10   | Markeable Limit Orders (%)  Markeable Limit Orders (%)  50  6  51  6  | Non-Marketable Linix Orders (N)  | 0 0 0                           | No Papers Part Secret In Marie Crisin(SCI)   | No Papers Pail Research Park Contract On Security Park Contract On Sec                | Not Pyramin Paul Research for Phrismatic Loss Orlen(SES)  | No Pyrese Poli Reside for No. Pyrese Poli Reside for No. Pyrese Poli Reside for No. Pyrese Political Local Conference on No. Pyrese Political Conference on No. Pyrese Political Conference on No. Pyrese Political Confere  | No. Papers Fair Resided to No. Perinstitle Line Criter(CRI)  | No. Papers Pall Based of No. Philadelic Link Chiralyses per hashed stays for the stay of t | No Paymen Pasificación for Chris OsienCED  | No Pyram That Remaids: Class Contragged in Auditor  On Contragged in A |  |   |   |               |
| Summary NecCount Order 13 T #86 these #86 these Uses Uses Uses No divised Order Conte Sources Life (CRSG) America Life (PRS) America Life (PRS) USES SECURISES LIFE Life Sources Security Life (PRS) William Contents Life (PRS) William Contents Life (PRS) House Life Security Life Secur | 8.33<br>Non-Directed Orders (N)<br>41.68<br>25<br>16.44<br>8.33  | Hurlan Croters (%)  Hurlan Croters (%)  40  20  10   | Markeable Limit Orders (%)  Markeable Limit Orders (%)  50  6  51  6  | Non-Marketable Linix Orders (N)  | 0 0 0                           | Not Physical Facilities and for Tokino Chica(CCC)  | New Papers Pail Favored by New Confession for Industrial Section Confessio                | Not Payment Polif Seasonal for<br>Phrincetic Line Code (USE)  | Net Pyrem had desired to<br>Personal tons of desired tons<br>hadred stony  | Not. Repeated the Pales Repeated for Pales<br>Performed to Long Control (College)  | Not Report Fair Research for Note: Horseaft Line: Of Secretaries per horizont change  6  6  7  9  9  | Not Papered Publishment for Other (CAS)  | New Pyrame Pool Record for Other Orientation of the American   |  |   |   |               |
| Southeadry New Common Crisine is 3 of Crisine and Crisine and Crisine (00) Various News - New demand Crisin Flow Could Southead Crisin Flow Could Southead Crisin Flow Could Southead Crisine (COUNTY) PROF SOUTH SCENERS, LEC COUNTY PROF STREET COPPA, LEC (1997) Material Appects   | 8.33<br>Non-Directed Orders (N)<br>41.68<br>25<br>16.44<br>8.33  | Hurlan Croters (%)  Hurlan Croters (%)  40  20  10   | Markeable Limit Orders (%)  Markeable Limit Orders (%)  50  6  51  6  | Non-Marketable Linix Orders (N)  | 0 0 0                           | No Pyress Pail Second for Pricine Crising(SE)  | No Popular Plant National for<br>Parket Confession per Landson<br>Assets   0.000   0          | Not Pyrent PLEF States for Private Not States O'der (USS)   | Not Proposed that Resident for Particular for Particular for Community or Institute of the Victoria of the Vic   | Now, Rymans Paul Research to National Notice States Lines Control (CCC)  | Not Recent for Recent for Paris. Paris Recent for Paris R | No Pyrane Published to Observation of the Observati | New Prysion Plant Record for Date Charles Control (see See See See See See See See See See   |  |   |   |               |
| Summary Nac Control Orders 1 S of Riches of Riches on Of Verset Sear 15th divised One Se | 8.33 Non-Dressel Order, (N) 41.48 25 16444 8.33 4.33   | 14.07 Fields Colons (b) 49 20 21 21 21 22 23 24 25 26 26 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20   | Hericaldo Linco Cristro (15)  55  6  51  52  6  6  6  75  75  76  76  76  76  76  7                         | Non-Histophia Loni Crofers (N)   | 0 0                             | the Process Ford Secured for Fisher Crimin(SSS)  | Ne Pyrest Fair Secret No. Peter Manual Iv. Place Charge and August Secret No. 1 Control of Secret No.                 | Not Payment Pold Research for Payment Pold Research Line Code (USE)   | No Pyrem Pull Research Pelestals Inn Christians per Australia Conference per Australia Conferen   | Net Pyrent Pair Recent to Pair<br>Refunds Line Chron(DD)   | No. Propose Fair Estated for No. Production for Configuration for holded density  (4)  (4)  (5)  (6)  (7)  (7)  (8)  (8)  (9)  (9)  (9)  (9)  (9)  (9  | No Propose Distillations for Chin<br>Chinochillia  | te Pyrest Put Rased Nr. Ohe Ostrojem per husted obero)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |  |   |   |               |
| Summary Nac Control Orders 1 S of Riches of Riches on Of Verset Sear 15th divised One Se | 8.33 Non-Dressel Order, (N) 41.48 25 16444 8.33 4.33   | 14.07 Flate Cries (b) 49 20 21 21 21 22 23 24 25 26 26 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20   | Hericaldo Linco Cristro (15)  55  6  51  52  6  6  6  75  75  76  76  76  76  76  7                         | Non-Histophia Loni Crofers (N)   | 0 0                             | Ne Pyrant Partitioned for Trisle Crisin(SSS)   | No Popular Plat Season by<br>Plates Charleston production<br>developed to the Charleston production<br>developed to the Charleston production of the<br>Charleston production of the Charleston production of the<br>Charleston production of the Charleston production production of the Charleston production pro | No Pyrent Rolf Season V<br>Personal Lind Orley (SS)   | No Pupmer Pad Resident for Placetation (von Orlincipum) per Resident (von Orlincipum) per Reside       | No. Papered Pair Science to No. Particular Law Control (CR)  | Non-Paymon Pale Research for Non-<br>Pilotechids Casin Christopean per<br>handhed starren  6  6  6  6  | No Pyrone Publishment for Chin<br>ChinoChill)  | No Prysics that Secured by<br>Other Orderigens per build be<br>thereof a   |  |   |   |               |
| Summary Nac Control Orders 1 S of Riches of Riches on Of Verset Sear 15th divised One Se | 8.33 Non-Dressel Order, (N) 41.48 25 16444 8.33 4.33   | 14.07 Flate Cries (b) 49 20 21 21 21 22 23 24 25 26 26 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20   | Hericaldo Linco Cristro (15)  55  6  51  52  6  6  6  75  75  76  76  76  76  76  7                         | Non-Histophia Loni Crofers (N)   | 0 0                             | The Physical Partheoused for Public Chien (Chien) (Chien)  | Ne Pyrest Fall Reset for Pulse Control for Pulse Control for State                | the Pyrace Park Report For Proceedings (see Control | Ne Pyeen Ful Season for Meaning for Meanin       | Non-Process Pail Products for Teach<br>Processing Season Contemp(SES)  | No. Ryson Fall Second by No. Philadel Society Second by No. Philadel Society Second by No.  4  4  5  6  6  6  6  6  6  6  6  6  6  6  6  | No Paper Published to Chie<br>Grissellio   | The Purpose Treat Record for Other Oriented States of the Other Oriented States of the Other Oriented States of the Other O  |  |   |   |               |
| Summary Nac Control Orders 1 S of Riches of Riches on Of Verset Sear 15th divised One Se | 8.33 Non-Dressel Order, (N) 41.48 25 16444 8.33 4.33   | 14.07 Flate Cries (b) 49 20 21 21 21 22 23 24 25 26 26 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20   | Hericaldo Linco Cristro (15)  55  6  51  52  6  6  6  75  75  76  76  76  76  76  7                         | Non-Histophia Loni Crofers (N)   | 0 0                             | No Paymen Past Resident for Tokke Chrisnop(SS)   | No Payment Prior Research Live Planted Confessions per Annalest Annales Anna  | No Paymen Rull Researed by No Paymen Rull Researed to No Payment Rull Researed to G. Servición Co.  | No Pyrem Del Resident for Principles (Los Constitutions of Cons   | No. Pyrame Paul Radinal for No. Paul Radinal for No. (1)   | No. Paperso Field Record for No. Platetable Line O'Dericense per Andrew States of Line O'Dericense per Andre | No Pyrone Publishment for Other Object (China)   | No Papers Not Record for<br>Other Chicagons or Incelled<br>showed in the Chicagons of Incelled<br>showed in the Chicagons of Incelled<br>0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |  |   |   |               |
| Sometry Nacional Orders 1 Ad Globs  Ad Globs  On Verset  Was Not dead Order Fine Control Section (CESO)  National Control Section (CESO)  Pharmal Aspects  Feb-23  Options  Options  Sectional Control Section (CESO)  Section (CESO)  Options  Sectional Control Section (CESO)  National Control Section (CESO)  National Control Section (CESO)  National Control Section (CESO)  National Control Section (CESO)  Options  Op | 8.33 Non-Dressel Order, (N) 41.48 25 16444 8.33 4.33   | 14.07 Flate Cries (b) 49 20 21 21 21 22 23 24 25 26 26 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20   | Hericaldo Linco Cristro (15)  55  6  51  52  6  6  6  75  75  76  76  76  76  76  7                         | Non-Histophia Loni Crofers (N)   | 0 0                             | No Pyress Pathocost for Pricer Colon(SE)   | No. Paymen Field Secured by Please Online Secured Secu                | The Property Book Reposed by<br>Parameter Line Codero(USC)  | Not Proposed that Records for Proceedings of the Records of the Proceedings of the Procee       | New Rymans Paul Revised to Pain<br>Per-leaded Line Colon (CES)   | Not Proceed Paid Research for Plant. Production from Change ones per hand not through a  | Net Pyrama Publisheroid for Other Color Color (Color (CEC))  | No Pryster had Record or Date County for the County of the |  |   |   |               |
| Sommery Nac Sommer State And Colon A | Non- Oversid Orders (N)  41-65 | Period Grine (I)  6  3  5  10  10  Period Grine (I)  10  10  10  10  10  10  10  10  10  1   | Perheads two Order, (N)  15  15  15  15  16  17  18  18  18  18  18  18  18  18  18                         | Non-Privatels Limit Colors (N)   |                                 |  |   | 6   |  |  | 9  |  | 0 0 0  |  |   |   |               |
| Sommery Nacional Orders 15 Ad Globs Ad  | Non-Directed Colors (N)  6-144  2-3  1-444  3-3  3-3  3-3  3-3  3-3  3-3   | Notes Crime (L)  Parket Crime (L)  4  5  5  6  7  7  Parket Crime at % of Non- Crime at % of Non- Crime Crime At % of | Produced to Loren Charge (%)  10  10  10  10  10  10  10  10  10  1   | Non-Portunda Lina Orders (5)   | 1                               | in in the second | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | has Payment Andi   | I I I I I I I I I I I I I I I I I I I  | 6 G G G G G G G G G G G G G G G G G G G  | G G G G G G G G G G G G G G G G G G G  | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |  |   |   |               |
| Sommery Nacional Oranna II ARCADA Nacional ARCADA Nacional Naciona | Non- Oversid Orders (N)  41-65 | Period Grine (I)  6  3  5  10  10  Period Grine (I)  7  7  7  7  7  7  7  7  7  7  7  7  7   | Perfectable time Orders (N)  15  15  15  15  15  16  16  17  18  18  18  18  18  18  18  18  18             | Non Pickenski Limi, Order (N)  Grant Pickenski Limi, Order (N)  Grant Pickenski Limi, Order (N)  Other Order in N affektion  Decided Order  New Pickenski  |                                 | No Paymes Participants Participants  | o o o o o o o o o o o o o o o o o o o   | G G G G G G G G G G G G G G G G G G G   | No Papara Paul<br>Bounder  | No Pyron Rel<br>Began to No.   | Section 1 Sectio | Star Payment   | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |  |   |   |               |
| Sommery Nacional Orders 15 Ad Globs Ad  | Non-Directed Colors (N)  6-144  2-3  1-444  3-3  3-3  3-3  3-3  3-3  3-3   | Notes Crime (L)  Parket Crime (L)  4  5  5  6  7  7  Parket Crime at % of Non- Crime at % of Non- Crime Crime At % of | Produced to Loren Charge (%)  10  10  10  10  10  10  10  10  10  1   | Non-Portunda Lina Orders (5)   | 1                               | in in the second | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | has Payment Andi   | I I I I I I I I I I I I I I I I I I I  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |  |   |   |               |
| Sometry New Control of Service Service And Global And Global On Versit Uses Not desired Orac Res Control Service Servi | Non- Oversid Orders (N)  41-65 | Period Grine (I)  6  3  5  10  10  Period Grine (I)  7  7  7  7  7  7  7  7  7  7  7  7  7   | Perfectable time Orders (N)  15  15  15  15  15  16  16  17  18  18  18  18  18  18  18  18  18             | Non-Portundik Linia Orders (1)   | 1                               | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Parent Pall Based to Parents had  | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Summary Nacionae Orders a 1 de Colon. Nacionae Nacionae Order Nacionae Nacionae Order Nacionae Nacionae Order Nacionae Nacionae Order Nacionae Orders a 1 de Colonea Orders a  | Non- Oversid Orders (N)  41-65 | Period Grine (I)  6  3  5  10  10  Period Grine (I)  7  7  7  7  7  7  7  7  7  7  7  7  7   | Perfectable time Orders (N)  15  15  15  15  15  16  16  17  18  18  18  18  18  18  18  18  18             | Non-Portundik Linia Orders (1)   | 1                               | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Payment Parli Benowle for Physical Conference of Confer       | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Summary Nacionae Orders a 1- di ACION.  100  Versuss  Versuss  Versuss  Control Control Control  Versuss  America Nord Grant Control  Versus  America Nord Control  Versuss  America Lic (2010)  Palarital Appaces  Feb-23  Palarital Appaces  Feb-23  Control  Versuss  Versuss | Non- Oversid Orders (N)  41-65 | Period Grine (I)  6  3  5  10  10  Period Grine (I)  7  7  7  7  7  7  7  7  7  7  7  7  7   | Perfectable time Orders (N)  15  15  15  15  15  16  16  17  18  18  18  18  18  18  18  18  18             | Non-Portundik Linia Orders (1)   | 1                               | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Payment Parli Benowle for Physical Conference of Confer       | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Summary Nacionae Orders a 1 de Colon. Nacionae Nacionae Order Nacionae Nacionae Order Nacionae Nacionae Order Nacionae Nacionae Order Nacionae Orders a 1 de Colonea Orders a  | Non- Oversid Orders (N)  41-65 | Period Grine (I)  6  3  5  10  10  Period Grine (I)  7  7  7  7  7  7  7  7  7  7  7  7  7   | Perfectable time Orders (N)  15  15  15  15  15  16  16  17  18  18  18  18  18  18  18  18  18             | Non-Portundik Linia Orders (1)   | 1                               | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Payment Parli Benowle for Phylosophysical Conference of Conference for Confere       | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Sometry New Control Office 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (   | Non- Oversid Orders (N)  41-65 | Period Grine (I)  6  3  5  10  10  Period Grine (I)  7  7  7  7  7  7  7  7  7  7  7  7  7   | Perfectable time Critica (N)  15  15  15  15  15  16  16  17  18  18  18  18  18  18  18  18  18            | Non-Portundik Linia Orders (1)   | 1                               | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Payment Parli Benowle for Phylosophysical Conference of Conference for Confere       | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Sometry National Chairs II to Add Add Add Add Add Add Add Add Add Ad   | Non- Oversid Orders (N)  41-65 | Period Grine (I)  6  3  5  10  10  Period Grine (I)  7  7  7  7  7  7  7  7  7  7  7  7  7   | Perfectable time Critica (N)  15  15  15  15  15  16  16  17  18  18  18  18  18  18  18  18  18            | Non-Portunda Linia Ordera (N)  | 1                               | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Payment Parli Benowle for Phylosophysical Conference of Conference for Confere       | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Sometry New Control Office 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (   | Non- Oversid Orders (N)  41-65 | Period Grine (I)  6  3  5  10  10  Period Grine (I)  7  7  7  7  7  7  7  7  7  7  7  7  7   | Perfectable time Critica (N)  15  15  15  15  15  16  16  17  18  18  18  18  18  18  18  18  18            | Non-Portunda Linia Ordera (N)  | 1                               | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Payment Parli Benowle for Phylosophysical Conference of Conference for Confere       | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Sometry National Chairs II to Add Add Add Add Add Add Add Add Add Ad   | Non- Oversid Orders (N)  41-65 | Period Grine (I)  6  3  5  10  10  Period Grine (I)  7  7  7  7  7  7  7  7  7  7  7  7  7   | Perfectable time Critica (N)  15  15  15  15  15  16  16  17  18  18  18  18  18  18  18  18  18            | Non-Portunda Linia Ordera (N)  | 1                               | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Payment Parli Benowle for Phylosophysical Conference of Conference for Confere       | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Sommery New Control of the 18th Action  And Control Action  On Vision  Veneral  Control for Control Action  Control for Control Action  Action  Action  Control Action  Action | Non- Oversid Orders (N)  41-65 | Period Grine (I)  6  3  5  10  10  Period Grine (I)  10  10  10  Period Grine (I)  Period Grine (I)  10  Period Grine (I)  P | Perfectable time Critica (N)  15  15  15  15  15  16  16  17  18  18  18  18  18  18  18  18  18            | Non-Portunda Linia Ordera (N)  | 1                               | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Payment Parli Benowle for Phylosophysical Conference of Conference for Confere       | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Summary Nacionae Ordere is to de Colonia Nacionae Coloniae is to de Coloniae Nacionae Coloniae Nacionae Naciona | New Content Colors (Ng 1448)  4:48  4:48  4:48  4:48  4:29  4:30  4:30  4:30  6:30  Finance Colors on N of New Colors (Ng 1448)  Outland Colors (Ng 1448)  Outland Colors (Ng 1448)  Outland Colors (Ng 1448)  | Period Crises (N)  6  3  2  5  10  10  Period Crises at Village  Perio | Perfection Control (N)  15  15  15  15  15  15  15  15  15  1   | Non-Pickenski Limi, Colore (N)  Color Chine in Kuffker  Color Chine in Kuffker  Color Chine in Kuffker  Manual Limi, Colore  Non-  N | Cases                           | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Payment Parli Benowle for Phylosophysical Conference of Conference for Confere       | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Summary Nacionae Ordere is to de Colonia Nacionae Coloniae is to de Coloniae Nacionae Coloniae Nacionae Naciona | New Content Colors (Ng 1448)  4:48  4:48  4:48  4:48  4:29  4:30  4:30  4:30  6:30  Finance Colors on N of New Colors (Ng 1448)  Outland Colors (Ng 1448)  Outland Colors (Ng 1448)  Outland Colors (Ng 1448)  | Period Crises (N)  6  3  2  5  10  10  Period Crises at Village  Perio | Perfection Control (N)  15  15  15  15  15  15  15  15  15  1   | Non-Pickenski Limi, Colore (N)  Color Chine in Kuffker  Color Chine in Kuffker  Color Chine in Kuffker  Manual Limi, Colore  Non-  N | Cases                           | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Payment Parli Benowle for Phylosophysical Conference of Conference for Confere       | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Sportings   MacCount Orders   X   Add Colors   X   Add Co | New Content Colors (Ng 1448)  4:48  4:48  4:48  4:48  4:29  4:30  4:30  4:30  6:30  Finance Colors on N of New Colors (Ng 1448)  Outland Colors (Ng 1448)  Outland Colors (Ng 1448)  Outland Colors (Ng 1448)  | Period Crises (N)  6  3  2  5  10  10  Period Crises at Village  Perio | Perfection Control (N)  15  15  15  15  15  15  15  15  15  1   | Non-Pickenski Limi, Colore (N)  Color Chine in Kuffker  Color Chine in Kuffker  Color Chine in Kuffker  Manual Limi, Colore  Non-  N | Cases                           | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 G G G G G G G G G G G G G G G G G G G   | he Payment Parli Benowle for Phylosophysical Conference of Conference for Confere       | Not Papent Paid  Bound for No.  Bound for No.  | 6 G G G G G G G G G G G G G G G G G G G  | Section 1 Sectio | D D D D D D D D D D D D D D D D D D D  |  |   |   |               |
| Spannings Chairs is to disclose the second Chair is to disclose the | New Content Colors (Ng 1448)  4:48  4:48  4:48  4:48  4:29  4:30  4:30  4:30  6:30  Finance Colors on N of New Colors (Ng 1448)  Outland Colors (Ng 1448)  Outland Colors (Ng 1448)  Outland Colors (Ng 1448)  | Period Crises (N)  6  3  2  5  10  10  Period Crises at Village  Perio | Perfection Control (N)  15  15  15  15  15  15  15  15  15  1   | Non-Pickenski Limi, Colore (N)  Color Chine in Kuffker  Color Chine in Kuffker  Color Chine in Kuffker  Manual Limi, Colore  Non-  N | Cases                           | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 C C C C C C C C C C C C C C C C C C C   | The Payment Parid  Research for  Physical Science  Physical Science  Research of the Physical Science  Research of the Payment Parid  Research of the Payment        | The Papers Paid  Records for Non- Parkstack Loss  General Sci  | The Paperson Fall State of the Paperson Fall Sta | Met Payment Iv  Performant Iv  Color  | See Represe Paid  Second for Other Control Control  Cont |  |   |   |               |
| Spannings Chairs is to disclose the second Chair is to disclose the | New Content Colors (Ng 1448)  4:48  4:48  4:48  4:48  4:29  4:30  4:30  4:30  6:30  Finance Colors on N of New Colors (Ng 1448)  Outland Colors (Ng 1448)  Outland Colors (Ng 1448)  Outland Colors (Ng 1448)  | Period Crises (N)  6  3  2  5  10  10  Period Crises at Village  Perio | Perfection Codes (N)  15  15  15  15  15  15  15  15  15  1   | Non-Personals Lines Crises (N)  ( )  ( )  ( )  ( )  ( )  ( )  ( )  | Oster<br>Charles                | No Pyroni No Pyroni Pathosist Ir   | o o o o o o o o o o o o o o o o o o o   | 6 C C C C C C C C C C C C C C C C C C C   | The Payment Parid  Research for  Physical Science  Physical Science  Research of the Physical Science  Research of the Payment Parid  Research of the Payment        | The Papers Paid  Records for Non- Parkstack Loss  General Sci  | The Paperson Fall State of the Paperson Fall Sta | Met Payment Iv  Performant Iv  Color  | See Represe Paid  Second for Other Control Control  Cont |  |   |   |               |
| Sometry National Chairs II to Add Colors National Colors Na | New Content Colors (N)  Finance Colors on N of New Colors (N)  Please Colors on N of New Colors (N)  New Colors (N)  Please Colors (N)   | Personal Same Colors & Sal Place  Proceedings of Colors & Sal Place  Personal Same Colors & Sal Place  October 100  Per | Perfection Codes (N)  15  15  15  15  15  15  15  15  15  1   | Non-Pickenski Limi, Colore (N)  Color Chine in Kuffker  Color Chine in Kuffker  Color Chine in Kuffker  Manual Limi, Colore  Non-  N | Oster<br>Charles                | No Papase Pathwast to Pass Obviol001   | o o o o o o o o o o o o o o o o o o o   | 6 C C C C C C C C C C C C C C C C C C C   | The Payment Parid  Research for  Physical Science  Physical Science  Research of the Physical Science  Research of the Payment Parid  Research of the Payment        | The Papers Paid  Records for Non- Parkstack Loss  General Sci  | 6 G G G G G G G G G G G G G G G G G G G  | Met Payment Iv  Performant Iv  Color  | See Represe Paid  Second for Other Control Control  Cont |  |   |   |               |
| Springers Characa II Additional Characa II II Additional Characa II II Additional Characa II II II Additional Characa II   | Non- Directed Colors (%)  Floate Colors (%)  Floate Colors (%)  Non- Directed Colors (%)  Non- Directed Colors (%)  Non- Directed Colors (%)   | Harter Cotes (R)  Planter Cotes (R)  20  21  20  21  21  21  Planter Cotes (R)  Planter C | Hadenski kana Orden (R)  10  11  12  13  14  15  15  16  16  16  16  17  18  18  18  18  18  18  18  18  18 | Non-Personals Lines Crises (N)  ( )  ( )  ( )  ( )  ( )  ( )  ( )  | Oster<br>Charles                | No Papase Pathwast to Pass Obviol001   | o o o o o o o o o o o o o o o o o o o   | 6 C C C C C C C C C C C C C C C C C C C   | The Payment Parid  Research for  Physical Science  Physical Science  Research of the Physical Science  Research of the Payment Parid  Research of the Payment        | The Papers Paid  Records for Non- Parkstack Loss  General Sci  | The Paperson Find State of the Paperson Find Sta | Met Payment Iv  Performant Iv  Color  | See Represe Paid  Second for Other Control Control  Cont |  |   |   |               |

| UBS SECURITIES LLC                        |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|---|---|---|---|--|------------------|---|--|--------------------------------|--|-------------------------------------|---|-------------------------------------|--|------|------|--|
| 4.855                                     | 1538  | 15.38   |   |  |                  |   |  |                                |  |                                     | •   |                                     |  |      |      |  |
| WRTU                                      | 1538  | 15.30   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Americas LLC (NITE)                       |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Vesue - Non-directed Order                | Non-Directed Orders (%)                       | Market Orders (%)                                       | Marketable Limit Orders (%)                                 | Non-Marketable Limit Orders (%)              | Other Orders (%) | Net Payment Paid Received for Market Orders (USD) | Nec Payment Paid/ Received for<br>Market Orders (cents per hundred | Nec Payment Paid/ Received for | Net Payment Paid' Received for<br>Marketable Limit Orders (cents per | Nec Payment Paid/ Received for Non- | Nec Payment Paid/ Received for Non<br>Marketable Limit Orders(cents per | Net Payment Paid/Received for Other | Net Payment Paid/ Received for<br>Other Orderojoents per hundred |      |      |  |
| Row                                       |   |   |   |  |                  | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,           | shares)  | Marketable Limit Orders(USD)   | hundred shares)  | Marketable Limit Orders(USD)        | hundred shares)   | Orders(USD)                         | shares)  |      |      |  |
| JANE STREET CAPITAL, LLC (INST)           | 7.49  | 7.49  |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| TWO SIGNA SECURITIES, ILC                 | 7.69  | 7.69  |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| JSOMO.                                    |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Material Aspects:                         |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| M . 22                                    |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Mar-23                                    |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Non-S&P 500 Stocks                        |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Summary                                   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Non-Directed Orders as %<br>of 48 Cholese | Market Orders as % of Non-<br>Directed Orders | Marketable Limit Orders as % of Non-<br>Diseased Codess | Non-Marketable Limit Orders as % of<br>Non-Directed Orders  | Other Orders at % of Non-<br>Dicement Orders |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| 100                                       | \$3.33  | 46.67   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Venues                                    |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Venue - Non-directed Order                |   |   |   |  |                  |   | Nec Payment Paid/ Received for                                     | Nec Payment Paid/ Received for | Net Payment Paid/ Received for                                       | Nec Payment Paid/ Received for Non- | Nec Payment Paid/ Received for Non                                      | Net Payment PaidReceived for Other  | Net Payment Paid/ Received for                                   |      |      |  |
| Row                                       | Non- Directed Orders (%)                      | Market Orders (%)                                       | Marketable Limit Orders (%)                                 | Non-Marketable Limit Orders (%)              | Other Orders (%) | Net Payment Paid Received for Market Orders (USD) | Market Orders (cents per hundred<br>shares)                        | Marketable Limit Orders(USD)   | Marketable Limit Orders(cents per<br>hundred shares)                 | Marketable Limit Orders(USD)        | Marketable Limit Orders(cents per<br>hundred shares)                    | Orders (USD)                        | Other Orders(cents per hundred<br>shares)                        |      |      |  |
| TWO SIGMA SECURITIES, ILC                 |   | 17.5  | 42.86   |  |                  |   | stares)  |                                | Bunarea (Fares)  |                                     | hundred (hares)   |                                     | traret)  |      |      |  |
| JSONO.                                    | 40.02   |   |   |  |                  |   |  |                                |  |                                     | •   |                                     |  |      |      |  |
| JANE STREET CAPITAL, LLC (INST)           | 26.66   |   | 28.57   |  | ۰                |   |  |                                |  |                                     |   | 0                                   |  |      |      |  |
| Citadel Securities LLC (CDRG)             | 12.22   | 25  |   |  |                  | 6   |  |                                |  | 4                                   | 0   | 0 0                                 |  |      |      |  |
| GI Execution Services, LLC (ETHM)         | 13.33   |   | 28.57   |  |                  |   |  |                                |  |                                     | 0   | 0                                   |  |      |      |  |
| WRTU                                      |   | 125   |   |  |                  | ,   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Americas LLC (NITE)                       |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Material Aspects:                         |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     | <del> </del>  | <del> </del>                        |  |      |      |  |
| Mar-23                                    |   |   |   |  |                  |   |  |                                |  |                                     | <del> </del>  |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     | l   |                                     |  |      |      |  |
|   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Options                                   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Summary                                   |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Non-Directed Orders as %<br>of All Codes  | Market Orders as % of Non-<br>Directed Orders | Marketable Limit Orders as % of Non-<br>Diseased Codess | Non-Marketable Limit Orders as % of<br>Non-Disserted Orders | Other Orders at S of Non-<br>Dicarred Orders |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| 0   | 0   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Venues                                    |   |   |   |  |                  |   |  |                                |  |                                     |   |                                     |  |      |      |  |
| Venue -                                   | Non-  | Market  | Marketable  | Non-   | Other            | Net Payment                                       | Net Payment Paid!  | Net Payment Paid/              | Net Payment Paid!  | Net Payment Paid!                   | Net Payment Pai   | s/ Net Payment                      | Nec Payment Paid/  |      |      |  |
| Non-                                      | Directed                                      | Orders  | Limit Orders  | Marketable                                   | Orders           | Paid/Received for                                 | Received for Market  | Received for                   | Received for   | Received for Non-                   | Received for No   | - PaidReceived for                  | Received for Other   |      |      |  |
| directed                                  | Orders (%)                                    | (%)   | (%)   | Limit Orders                                 | (3)              | Market  | Orders/cents per   | Marketable Limit               | Marketable Limit   | Marketable Limit                    | Marketable Lim  | it Other                            | Orders/ceets per   |      |      |  |
| Order                                     |   | 179   | (-9   | (X)  | (4)              | Orders(USD)                                       | hundred shares)  | Orders(USD)                    | Ordersjoens per  | Orders(USD)                         | Ordersjones pe  | or Orders(USD)                      | hundred shares)  |      |      |  |
| Row                                       |   |   |   | (A)  |                  | (030)   | Table ( Control )  | 2.2.4(020)                     | hundred shares)  | (UID)                               | hundred share   | 0                                   |  |      |      |  |
| 77,00                                     |   |   |   |  |                  |   |  |                                | Tana ta aranj  |                                     | manufed 013/6   | -                                   |  | <br> | <br> |  |