# Cobra-Trading - Held NMS Stocks and Options Order Routing Public Report

4th Quarter, 2020

### October 2020

#### S&P 500 Stocks

Summary

| Non-Directed Orders<br>as % of All Orders | Market Orders as % of<br>Non-Directed Orders | Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Non-Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Other Orders as % of<br>Non-Directed Orders |
|---|--|--|--|---|
| 100.00                                    | 7.42   | 20.60  | 69.37  | 2.61  |

#### Venues

| Venue -<br>Non-directed Order<br>Flow                    | Non-<br>Directed<br>Orders (%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received for<br>Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|--|--------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| MERRILL LYNCH<br>PIERCE FENNER &<br>SMITH INC.<br>(MLCO) | 63.02                          | 5.67                    | 10.98                             | 44.54                                     | 2.53                   | 313.03  | 6.9000  | 276.77   | 6.9000   | 296.35  | 6.9000  | 6.3259   | 6.9000   |
| CLEARPOOL<br>EXECUTION<br>SERVICES LLC<br>(CPEM)         | 24.62                          | 0.14                    | 5.83                              | 18.66                                     | 0.00                   | 2.61  | 5.5000  | 189.15   | 5.5000   | 195.82  | 5.5000  | 0.0000   | 5.5000   |
| CODA MARKETS<br>INC. (CODA)                              | 7.32                           | 1.61                    | 1.84                              | 3.79                                      | 0.08                   | -66.32  | -5.9790   | -58.55   | -5.9790  | -51.79  | -5.9790   | -2.5710  | -5.9790  |
| VIRTU AMERICAS<br>LLC. (VALR)                            | 3.63                           | 0.00                    | 1.61                              | 2.02                                      | 0.00                   | 0.00  | 0.3780  | 11.94  | 0.3780   | 1.03  | 0.3780  | 0.0000   | 0.3780   |
| SPEEDROUTE LLC<br>(SPDR)                                 | 0.70                           | 0.01                    | 0.32                              | 0.36                                      | 0.00                   | 0.15  | 3.0100  | 13.63  | 3.0100   | 9.05  | 3.0100  | 0.0000   | 3.0100   |

#### Material Aspects:

MERRILL LYNCH PIERCE FENNER & SMITH INC. (MLCO):

Cobra Trading may receive volume discounts that are not passed on to clients. Likewise rebates passed on to clients by Cobra Trading may be less than the rebates Cobra Trading receives from the relevant market

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### October 2020

#### Non-S&P 500 Stocks

Summary

| Non-Directed Orders<br>as % of All Orders | Market Orders as % of<br>Non-Directed Orders | Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Non-Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Other Orders as % of<br>Non-Directed Orders |
|---|--|--|--|---|
| 100.00                                    | 6.60   | 30.80  | 61.96  | 0.64  |

#### Venues

| Venue -<br>Non-directed Order<br>Flow                 | Non-<br>Directed<br>Orders<br>(%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|---|-----------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| CLEARPOOL<br>EXECUTION<br>SERVICES LLC<br>(CPEM)      | 43.32                             | 0.15                    | 11.13                             | 32.04                                     | 0.00                   | 1,191.09  | 5.5000  | 37,511.57  | 5.5000   | 66,557.56   | 5.5000  | 3.7367   | 5.5000   |
| MERRILL LYNCH<br>PIERCE FENNER &<br>SMITH INC. (MLCO) | 37.97                             | 4.81                    | 12.31                             | 20.44                                     | 0.44                   | 10,270.01   | 6.9000  | 30,634.57  | 6.9000   | 23,689.23   | 6.9000  | 377.4355   | 6.9000   |
| VIRTU AMERICAS<br>LLC. (VALR)                         | 9.16                              | 0.00                    | 3.01                              | 6.14                                      | 0.00                   | 0.64  | 0.3780  | 898.17   | 0.3780   | 1,563.37  | 0.3780  | 4.7288   | 0.3780   |
| CODA MARKETS<br>INC. (CODA)                           | 7.66                              | 1.58                    | 3.68                              | 2.17                                      | 0.22                   | -2,333.86   | -5.9790   | -11,610.22   | -5.9790  | -3,288.60   | -5.9790   | -13.6261   | -5.9790  |
| SPEEDROUTE LLC<br>(SPDR)                              | 1.86                              | 0.05                    | 0.65                              | 1.15                                      | 0.00                   | 26.09   | 3.0100  | 2,821.51   | 3.0100   | 5,424.93  | 3.0100  | 0.1505   | 3.0100   |
| DASH FINANCIAL<br>TECHNOLOGIES LLC<br>(DFIN)          | 0.04                              | 0.00                    | 0.02                              | 0.02                                      | 0.00                   | 0.24  | 9.5400  | 503.17   | 9.5400   | 124.21  | 9.5400  | 0.0000   | 9.5400   |

### **Material Aspects:**

CLEARPOOL EXECUTION SERVICES LLC (CPEM):

Cobra Trading may receive volume discounts that are not passed on to clients. Likewise rebates passed on to clients by Cobra Trading may be less than the rebates Cobra Trading receives from the relevant market

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### October 2020

### **Options**

Summary

| Non-Directed Orders<br>as % of All Orders | Market Orders as % of<br>Non-Directed Orders | Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Non-Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Other Orders as % of<br>Non-Directed Orders |
|---|--|--|--|---|
| 100.00                                    | 12.29  | 23.60  | 63.96  | 0.15  |

#### Venues

| Venue -<br>Non-directed Order<br>Flow                 | Non-<br>Directed<br>Orders<br>(%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|---|-----------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| DASH FINANCIAL<br>TECHNOLOGIES LLC<br>(DFIN)          | 54.17                             | 8.04                    | 11.76                             | 34.37                                     | 0.00                   | 0.89  | 0.0954  | 1.52   | 0.0954   | 1.18  | 0.0954  | 0.0000   | 0.0954   |
| MERRILL LYNCH<br>PIERCE FENNER &<br>SMITH INC. (MLCO) | 45.83                             | 4.25                    | 11.84                             | 29.59                                     | 0.15                   | 2.85  | 0.0690  | 7.38   | 0.0690   | 5.18  | 0.0690  | 0.0014   | 0.0690   |

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## November 2020

### S&P 500 Stocks

Summary

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|---|--|--|--|---|
| 100.00                                    | 11.52  | 25.23  | 61.15  | 2.10  |

#### Venues

| Venue -<br>Non-directed Order<br>Flow                 | Non-<br>Directed<br>Orders<br>(%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|---|-----------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| MERRILL LYNCH<br>PIERCE FENNER &<br>SMITH INC. (MLCO) | 57.98                             | 9.14                    | 11.41                             | 35.53                                     | 1.90                   | 419.57  | 10.2980   | 410.45   | 10.2980  | 261.64  | 10.2980   | 7.1108   | 10.2980  |
| CLEARPOOL<br>EXECUTION<br>SERVICES LLC<br>(CPEM)      | 21.44                             | 0.05                    | 5.59                              | 15.80                                     | 0.00                   | 1.22  | 4.2500  | 167.01   | 4.2500   | 106.35  | 4.2500  | 0.0000   | 4.2500   |
| CODA MARKETS<br>INC. (CODA)                           | 13.72                             | 2.29                    | 5.17                              | 6.05                                      | 0.20                   | -92.08  | -6.6900   | -185.91  | -6.6900  | -91.30  | -6.6900   | -0.9701  | -6.6900  |
| VIRTU AMERICAS  | 6.17                              | 0.02                    | 2.79                              | 3.36                                      | 0.00                   | 0.67  | 5.1510  | 94.94  | 5.1510   | 19.07   | 5.1510  | 0.0000   | 5.1510   |

| Venue -<br>Non-directed Order<br>Flow        | Non-<br>Directed<br>Orders<br>(%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|--|-----------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| LLC. (VALR)                                  |                                   |                         |                                   |   |                        |   |   |  |  |   |   |  |  |
| SPEEDROUTE LLC<br>(SPDR)                     | 0.68                              | 0.03                    | 0.26                              | 0.40                                      | 0.00                   | 0.54  | 8.1180  | 15.37  | 8.1180   | 5.21  | 8.1180  | 0.0000   | 8.1180   |
| DASH FINANCIAL<br>TECHNOLOGIES LLC<br>(DFIN) | 0.02                              | 0.00                    | 0.01                              | 0.01                                      | 0.00                   | 0.00  | 6.0600  | 0.06   | 6.0600   | 0.18  | 6.0600  | 0.0000   | 6.0600   |

#### Material Aspects:

MERRILL LYNCH PIERCE FENNER & SMITH INC. (MLCO):

Cobra Trading may receive volume discounts that are not passed on to clients. Likewise rebates passed on to clients by Cobra Trading may be less than the rebates Cobra Trading receives from the relevant market

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### November 2020

### Non-S&P 500 Stocks

### Summary

|   | Non-Directed Orders as % of All Orders | Market Orders as % of<br>Non-Directed Orders | Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Non-Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Other Orders as % of<br>Non-Directed Orders |
|---|--|--|--|--|---|
| I | 100.00                                 | 7.82   | 32.46  | 59.24  | 0.48  |

#### Venues

| Venue -<br>Non-directed Order<br>Flow                 | Non-<br>Directed<br>Orders<br>(%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|---|-----------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| CLEARPOOL<br>EXECUTION<br>SERVICES LLC<br>(CPEM)      | 43.50                             | 0.11                    | 11.72                             | 31.66                                     | 0.00                   | 448.70  | 4.2500  | 27,734.38  | 4.2500   | 38,074.86   | 4.2500  | 2.1250   | 4.2500   |
| MERRILL LYNCH<br>PIERCE FENNER &<br>SMITH INC. (MLCO) | 39.67                             | 5.88                    | 13.60                             | 19.73                                     | 0.38                   | 17,337.21   | 10.2980   | 44,444.44  | 10.2980  | 24,640.20   | 10.2980   | 677.7958   | 10.2980  |
| VIRTU AMERICAS<br>LLC. (VALR)                         | 8.40                              | 0.00                    | 3.46                              | 4.93                                      | 0.00                   | 5.04  | 5.1510  | 14,866.00  | 5.1510   | 13,201.04   | 5.1510  | 7.4690   | 5.1510   |

| Venue -<br>Non-directed Order<br>Flow        | Non-<br>Directed<br>Orders<br>(%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|--|-----------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| CODA MARKETS<br>INC. (CODA)                  | 7.50                              | 1.81                    | 3.33                              | 2.27                                      | 0.09                   | -4,457.34   | -6.6900   | -8,750.21  | -6.6900  | -1,290.20   | -6.6900   | -16.8782   | -6.6900  |
| SPEEDROUTE LLC<br>(SPDR)                     | 1.01                              | 0.02                    | 0.34                              | 0.65                                      | 0.01                   | 27.48   | 8.1180  | 1,281.30   | 8.1180   | 645.70  | 8.1180  | 34.7044  | 8.1180   |
| DASH FINANCIAL<br>TECHNOLOGIES LLC<br>(DFIN) | 0.03                              | 0.00                    | 0.01                              | 0.01                                      | 0.00                   | 0.00  | 6.0600  | 166.23   | 6.0600   | 25.86   | 6.0600  | 0.0000   | 6.0600   |

#### Material Aspects:

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### **Options**

#### Summary

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|---|--|--|--|---|
| 100.00                                    | 10.56  | 33.68  | 55.76  | 0.00  |

#### Venues

| Venue -<br>Non-directed Order<br>Flow                 | Non-<br>Directed<br>Orders<br>(%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|---|-----------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| DASH FINANCIAL<br>TECHNOLOGIES LLC<br>(DFIN)          | 61.84                             | 5.46                    | 22.17                             | 34.21                                     | 0.00                   | 0.31  | 0.0606  | 7.87   | 0.0606   | 5.43  | 0.0606  | 0.0000   | 0.0606   |
| MERRILL LYNCH<br>PIERCE FENNER &<br>SMITH INC. (MLCO) | 38.16                             | 5.10                    | 11.51                             | 21.55                                     | 0.00                   | 10.17   | 0.1030  | 21.69  | 0.1030   | 11.21   | 0.1030  | 0.0000   | 0.1030   |

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### December 2020

#### S&P 500 Stocks

#### Summary

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|---|---|--|--|--|---|
| Γ | 100.00                                    | 18.65  | 29.96  | 49.21  | 2.18  |

#### Venues

| Venue -<br>Non-directed Order<br>Flow                 | Non-<br>Directed<br>Orders<br>(%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|---|-----------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| MERRILL LYNCH<br>PIERCE FENNER &<br>SMITH INC. (MLCO) | 64.62                             | 15.31                   | 17.63                             | 29.73                                     | 1.96                   | 1,024.45  | 11.8190   | 883.78   | 11.8190  | 310.69  | 11.8190   | 13.9500  | 11.8190  |
| CLEARPOOL<br>EXECUTION<br>SERVICES LLC<br>(CPEM)      | 19.44                             | 0.13                    | 7.55                              | 11.75                                     | 0.00                   | 2.75  | 5.1800  | 245.62   | 5.1800   | 91.56   | 5.1800  | 0.0000   | 5.1800   |
| CODA MARKETS<br>INC. (CODA)                           | 7.97                              | 2.81                    | 1.58                              | 3.36                                      | 0.22                   | -107.10   | -6.2510   | -46.24   | -6.2510  | -40.51  | -6.2510   | -1.9597  | -6.2510  |
| VIRTU AMERICAS<br>LLC. (VALR)                         | 6.16                              | 0.00                    | 2.53                              | 3.62                                      | 0.00                   | 0.00  | 4.5100  | 174.49   | 4.5100   | 31.58   | 4.5100  | 0.0000   | 4.5100   |
| LAMPOST CAPITAL<br>LC (LAMP)                          | 1.64                              | 0.38                    | 0.58                              | 0.67                                      | 0.00                   | -3.90   | -7.9800   | -15.57   | -7.9800  | -2.84   | -7.9800   | 0.0000   | -7.9800  |
| SPEEDROUTE LLC<br>(SPDR)                              | 0.17                              | 0.01                    | 0.08                              | 0.08                                      | 0.00                   | 1.15  | 18.1000   | 7.91   | 18.1000  | 1.61  | 18.1000   | 0.0000   | 18.1000  |
| DASH FINANCIAL<br>TECHNOLOGIES LLC<br>(DFIN)          | 0.01                              | 0.00                    | 0.01                              | 0.00                                      | 0.00                   | 0.00  | 33.9000   | 10.04  | 33.9000  | 0.00  | 33.9000   | 0.0000   | 33.9000  |

#### Material Aspects:

MERRILL LYNCH PIERCE FENNER & SMITH INC. (MLCO):

Cobra Trading may receive volume discounts that are not passed on to clients. Likewise rebates passed on to clients by Cobra Trading may be less than the rebates Cobra Trading receives from the relevant market

#### CLEARPOOL EXECUTION SERVICES LLC (CPEM)

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### December 2020

#### Non-S&P 500 Stocks

#### Summary

| Non-Directed Orders as % of All Orders | Market Orders as % of<br>Non-Directed Orders | Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Non-Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Other Orders as % of<br>Non-Directed Orders |
|--|--|--|--|---|
| 100.00                                 | 7.24   | 31.86  | 60.49  | 0.41  |

#### Venues

| Venue -<br>Non-directed Order<br>Flow                 | Non-<br>Directed<br>Orders<br>(%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|---|-----------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| CLEARPOOL<br>EXECUTION<br>SERVICES LLC<br>(CPEM)      | 44.20                             | 0.27                    | 11.25                             | 32.68                                     | 0.00                   | 4,174.99  | 5.1800  | 45,088.44  | 5.1800   | 102,777.35  | 5.1800  | 9.2204   | 5.1800   |
| MERRILL LYNCH<br>PIERCE FENNER &<br>SMITH INC. (MLCO) | 38.74                             | 5.65                    | 13.43                             | 19.34                                     | 0.31                   | 24,574.74   | 11.8190   | 66,358.53  | 11.8190  | 31,116.90   | 11.8190   | 463.7906   | 11.8190  |
| VIRTU AMERICAS<br>LLC. (VALR)                         | 8.98                              | 0.01                    | 3.46                              | 5.51                                      | 0.00                   | 15.45   | 4.5100  | 20,810.67  | 4.5100   | 28,701.08   | 4.5100  | 2.7060   | 4.5100   |
| CODA MARKETS<br>INC. (CODA)                           | 6.04                              | 1.18                    | 3.14                              | 1.63                                      | 0.09                   | -3,791.15   | -6.2510   | -12,109.19   | -6.2510  | -2,150.21   | -6.2510   | -36.0008   | -6.2510  |
| LAMPOST CAPITAL<br>LC (LAMP)                          | 1.14                              | 0.12                    | 0.27                              | 0.76                                      | 0.00                   | -421.61   | -7.9800   | -1,168.91  | -7.9800  | -554.83   | -7.9800   | 0.0000   | -7.9800  |
| SPEEDROUTE LLC<br>(SPDR)                              | 0.88                              | 0.01                    | 0.30                              | 0.57                                      | 0.00                   | 95.26   | 18.1000   | 1,980.35   | 18.1000  | 1,345.76  | 18.1000   | 22.6250  | 18.1000  |
| DASH FINANCIAL<br>TECHNOLOGIES LLC<br>(DFIN)          | 0.01                              | 0.00                    | 0.00                              | 0.00                                      | 0.00                   | 0.00  | 33.9000   | 54,699.29  | 33.9000  | 8,411.42  | 33.9000   | 0.0000   | 33.9000  |

#### Material Aspects:

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### December 2020

### **Options**

Summary

| Non-Directed Orders<br>as % of All Orders | Market Orders as % of<br>Non-Directed Orders | Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Non-Marketable Limit<br>Orders as % of Non-<br>Directed Orders | Other Orders as % of<br>Non-Directed Orders |
|---|--|--|--|---|
| 100.00                                    | 9.60   | 37.82  | 52.57  | 0.00  |

#### Venues

| Venue -<br>Non-directed Order<br>Flow                 | Non-<br>Directed<br>Orders<br>(%) | Market<br>Orders<br>(%) | Marketable<br>Limit Orders<br>(%) | Non-<br>Marketable<br>Limit Orders<br>(%) | Other<br>Orders<br>(%) | Net Payment<br>Paid/Received<br>for Market<br>Orders(USD) | Net Payment Paid/<br>Received for Market<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(USD) | Net Payment Paid/<br>Received for Non-<br>Marketable Limit<br>Orders(cents per<br>hundred shares) | Net Payment<br>Paid/Received<br>for Other<br>Orders(USD) | Net Payment Paid/<br>Received for Other<br>Orders(cents per<br>hundred shares) |
|---|-----------------------------------|-------------------------|-----------------------------------|---|------------------------|---|---|--|--|---|---|--|--|
| DASH FINANCIAL<br>TECHNOLOGIES LLC<br>(DFIN)          | 55.99                             | 2.72                    | 22.51                             | 30.76                                     | 0.00                   | -0.24   | -0.0798   | -4.46  | -0.0798  | -1.72   | -0.0798   | 0.0000   | -0.0798  |
| MERRILL LYNCH<br>PIERCE FENNER &<br>SMITH INC. (MLCO) | 43.13                             | 6.59                    | 15.18                             | 21.36                                     | 0.00                   | 2.99  | 0.1182  | 19.96  | 0.1182   | 7.18  | 0.1182  | 0.0000   | 0.1182   |
| LAMPOST CAPITAL<br>LC (LAMP)                          | 0.88                              | 0.29                    | 0.13                              | 0.45                                      | 0.00                   | -0.01   | -0.0800   | -0.01  | -0.0800  | 0.00  | -0.0800   | 0.0000   | -0.0800  |

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