SEC Rule 606 Quarterly Report for the Quarter Ending June 30, 2019
Summary Statistics:

- Non-directed orders as percentage of total customer orders: 100.00%
- Market orders as percentage of total non-directed orders: 90.30%
- Limit orders as percentage of total non-directed orders: 8.23%
- Other orders as percentage of total non-directed orders: 1.47%

Venues Receiving Significant Percentage of Total Non-Directed Orders:

1. Citadel Securities LLC: 54.91%
2. VIRTU Americas LLC: 17.28%
3. G1 Execution Services, LLC: 12.05%
4. National Financial Services LLC: 7.11%
5. Two Sigma Securities, LLC: 3.88%
6. UBS Securities, LLC: 2.00%
7. New York Stock Exchange: 1.53%
8. Cboe EDGX U.S. Equities Exchange: 0.71%
9. NASDAQ Execution Services, LLC: 0.47%
10. Ceros Financial Services, Inc: 0.06%

Information Concerning Significant Venues:

1. Citadel Securities LLC
   Types of Orders Routed to Venue:
   - Market orders as percentage of total non-directed orders: 56.51%
   - Limit orders as percentage of total non-directed orders: 35.71%
   - Other orders as percentage of total non-directed orders: 64.00%

2. VIRTU Americas LLC
   Types of Orders Routed to Venue:
   - Market orders as percentage of total non-directed orders: 17.64%
   - Limit orders as percentage of total non-directed orders: 12.14%
   - Other orders as percentage of total non-directed orders: 24.00%
3. G1 Execution Services, LLC

Types of Orders Routed to Venue:

- Market orders as percentage of total non-directed orders: 12.70%
- Limit orders as percentage of total non-directed orders: 7.14%
- Other orders as percentage of total non-directed orders: 0.00%

4. National Financial Services LLC

Types of Orders Routed to Venue:

- Market orders as percentage of total non-directed orders: 7.29%
- Limit orders as percentage of total non-directed orders: 6.43%
- Other orders as percentage of total non-directed orders: 0.00%

5. Two Sigma Securities, LLC

Types of Orders Routed to Venue:

- Market orders as percentage of total non-directed orders: 3.78%
- Limit orders as percentage of total non-directed orders: 4.29%
- Other orders as percentage of total non-directed orders: 8.00%

6. UBS Securities, LLC

Types of Orders Routed to Venue:

- Market orders as percentage of total non-directed orders: 1.95%
- Limit orders as percentage of total non-directed orders: 2.14%
- Other orders as percentage of total non-directed orders: 4.00%

7. New York Stock Exchange

Types of Orders Routed to Venue:

- Market orders as percentage of total non-directed orders: 0.07%
- Limit orders as percentage of total non-directed orders: 17.86%
- Other orders as percentage of total non-directed orders: 0.00%

8. Cboe EDGX U.S. Equities Exchange

Types of Orders Routed to Venue:

- Market orders as percentage of total non-directed orders: 0.00%
- Limit orders as percentage of total non-directed orders: 8.57%
- Other orders as percentage of total non-directed orders: 0.00%

9. NASDAQ Execution Services, LLC

Types of Orders Routed to Venue:

- Market orders as percentage of total non-directed orders: 0.00%
- Limit orders as percentage of total non-directed orders: 5.71%
- Other orders as percentage of total non-directed orders: 0.00%

10. Ceros Financial Services, Inc

Types of Orders Routed to Venue:

- Market orders as percentage of total non-directed orders: 0.07%
- Limit orders as percentage of total non-directed orders: 0.00%
- Other orders as percentage of total non-directed orders: 0.00%
**Securities Listed on The Nasdaq Stock Market**

**Summary Statistics:**

<table>
<thead>
<tr>
<th>Types of Orders</th>
<th>Percentage of Total Non-Directed Orders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-directed orders</td>
<td>100.00%</td>
</tr>
<tr>
<td>Market orders</td>
<td>79.29%</td>
</tr>
<tr>
<td>Limit orders</td>
<td>17.28%</td>
</tr>
<tr>
<td>Other orders</td>
<td>3.43%</td>
</tr>
</tbody>
</table>

**Venues Receiving Significant Percentage of Total Non-Directed Orders:**

1. Citadel Securities LLC | 49.54%
2. VIRTU Americas LLC | 15.79%
3. G1 Execution Services, LLC | 13.04%
4. National Financial Services LLC | 7.89%
5. NASDAQ Execution Services, LLC | 4.12%
6. Two Sigma Securities, LLC | 3.32%
7. Cboe EDGX U.S. Equities Exchange | 3.20%
8. UBS Securities, LLC | 1.60%
9. Cboe BZX U.S. Equities Exchange | 1.14%
10. Credit Suisse Securities (USA) LLC | 0.23%

**Information Concerning Significant Venues:**

1. **Citadel Securities LLC**
   - Types of Orders Routed to Venue:
     - Market orders as percentage of total non-directed orders: 52.38%
     - Limit orders as percentage of total non-directed orders: 29.14%
     - Other orders as percentage of total non-directed orders: 86.67%

2. **VIRTU Americas LLC**
   - Types of Orders Routed to Venue:
     - Market orders as percentage of total non-directed orders: 16.88%
     - Limit orders as percentage of total non-directed orders: 11.92%
     - Other orders as percentage of total non-directed orders: 10.00%

3. **G1 Execution Services, LLC**
   - Types of Orders Routed to Venue:
     - Market orders as percentage of total non-directed orders: 15.01%
     - Limit orders as percentage of total non-directed orders: 6.62%
     - Other orders as percentage of total non-directed orders: 0.00%

4. **National Financial Services LLC**
   - Types of Orders Routed to Venue:
     - Market orders as percentage of total non-directed orders: 9.52%
     - Limit orders as percentage of total non-directed orders: 1.99%
     - Other orders as percentage of total non-directed orders: 0.00%
5. NASDAQ Execution Services, LLC

Types of Orders Routed to Venue:

<table>
<thead>
<tr>
<th>Types of Orders</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>23.84%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

6. Two Sigma Securities, LLC

Types of Orders Routed to Venue:

<table>
<thead>
<tr>
<th>Types of Orders</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>4.04%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>0.66%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

7. Cboe EDGX U.S. Equities Exchange

Types of Orders Routed to Venue:

<table>
<thead>
<tr>
<th>Types of Orders</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>18.54%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

8. UBS Securities, LLC

Types of Orders Routed to Venue:

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<thead>
<tr>
<th>Types of Orders</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>1.88%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>0.66%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

9. Cboe BZX U.S. Equities Exchange

Types of Orders Routed to Venue:

<table>
<thead>
<tr>
<th>Types of Orders</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>6.62%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

10. Credit Suisse Securities (USA) LLC

Types of Orders Routed to Venue:

<table>
<thead>
<tr>
<th>Types of Orders</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>0.14%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>3.33%</td>
</tr>
</tbody>
</table>
Securities Listed on NYSE American or Regional Exchanges

Summary Statistics:

<table>
<thead>
<tr>
<th>Type of Order</th>
<th>Percentage of Total Non-Directed Orders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-directed orders</td>
<td>100.00%</td>
</tr>
<tr>
<td>Market orders</td>
<td>88.58%</td>
</tr>
<tr>
<td>Limit orders</td>
<td>9.30%</td>
</tr>
<tr>
<td>Other orders</td>
<td>2.11%</td>
</tr>
</tbody>
</table>

Venues Receiving Significant Percentage of Total Non-Directed Orders:

1. Citadel Securities LLC                  57.19%
2. VIRTU Americas LLC                      17.23%
3. G1 Execution Services, LLC             15.12%
4. Two Sigma Securities, LLC              3.91%
5. NASDAQ Execution Services, LLC         1.48%
6. UBS Securities, LLC                    1.48%
7. NYSE Arca                               1.27%
8. National Financial Services LLC        0.95%
9. Ceros Financial Services, Inc          0.32%
10. Cboe EDGX U.S. Equities Exchange      0.32%

Information Concerning Significant Venues:

1. Citadel Securities LLC

   Types of Orders Routed to Venue:

   - Market orders as percentage of total non-directed orders 58.23%
   - Limit orders as percentage of total non-directed orders 39.77%
   - Other orders as percentage of total non-directed orders 90.00%

2. VIRTU Americas LLC

   Types of Orders Routed to Venue:

   - Market orders as percentage of total non-directed orders 18.62%
   - Limit orders as percentage of total non-directed orders 7.95%
   - Other orders as percentage of total non-directed orders 0.00%

3. G1 Execution Services, LLC

   Types of Orders Routed to Venue:

   - Market orders as percentage of total non-directed orders 15.99%
   - Limit orders as percentage of total non-directed orders 10.23%
   - Other orders as percentage of total non-directed orders 0.00%

4. Two Sigma Securities, LLC

   Types of Orders Routed to Venue:

   - Market orders as percentage of total non-directed orders 4.06%
   - Limit orders as percentage of total non-directed orders 3.41%
   - Other orders as percentage of total non-directed orders 0.00%
5. NASDAQ Execution Services, LLC

Types of Orders Routed to Venue:

<table>
<thead>
<tr>
<th>Type of Order</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>15.91%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

6. UBS Securities, LLC

Types of Orders Routed to Venue:

<table>
<thead>
<tr>
<th>Type of Order</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>1.55%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>1.14%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

7. NYSE Arca

Types of Orders Routed to Venue:

<table>
<thead>
<tr>
<th>Type of Order</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>12.50%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>5.00%</td>
</tr>
</tbody>
</table>

8. National Financial Services LLC

Types of Orders Routed to Venue:

<table>
<thead>
<tr>
<th>Type of Order</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>1.07%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

9. Ceros Financial Services, Inc

Types of Orders Routed to Venue:

<table>
<thead>
<tr>
<th>Type of Order</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>0.36%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

10. Cboe EDGX U.S. Equities Exchange

Types of Orders Routed to Venue:

<table>
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<tr>
<th>Type of Order</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Market orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
<tr>
<td>Limit orders as percentage of total non-directed orders</td>
<td>3.41%</td>
</tr>
<tr>
<td>Other orders as percentage of total non-directed orders</td>
<td>0.00%</td>
</tr>
</tbody>
</table>
Exchange - Listed Options

Summary Statistics:

Non-directed orders as percentage of total customer orders 100.00%
Market orders as percentage of total non-directed orders 53.22%
Limit orders as percentage of total non-directed orders 46.78%
Other orders as percentage of total non-directed orders 0.00%

Venues Receiving Significant Percentage of Total Non-Directed Orders:

1. Cboe Options Exchange 37.13%
2. NASDAQ PHLX Options 15.79%
3. NASDAQ Options Market 8.77%
4. ISE Gemini Options Exchange 5.85%
5. BOX Option Exchange 5.56%
6. NYSE American Options 5.26%
7. Cboe BZX Options Exchange, Inc. 4.97%
8. NYSE Arca Options 4.68%
9. Cboe EDGX Option Exchange 3.51%
10. The MIAX Options Exchange 3.22%

Information Concerning Significant Venues:

1. Cboe Options Exchange
   Types of Orders Routed to Venue:
   - Market orders as percentage of total non-directed orders 47.80%
   - Limit orders as percentage of total non-directed orders 25.00%
   - Other orders as percentage of total non-directed orders 0.00%

2. NASDAQ PHLX Options
   Types of Orders Routed to Venue:
   - Market orders as percentage of total non-directed orders 22.53%
   - Limit orders as percentage of total non-directed orders 8.13%
   - Other orders as percentage of total non-directed orders 0.00%

3. NASDAQ Options Market
   Types of Orders Routed to Venue:
   - Market orders as percentage of total non-directed orders 0.00%
   - Limit orders as percentage of total non-directed orders 18.75%
   - Other orders as percentage of total non-directed orders 0.00%

4. ISE Gemini Options Exchange
   Types of Orders Routed to Venue:
   - Market orders as percentage of total non-directed orders 2.20%
   - Limit orders as percentage of total non-directed orders 10.00%
   - Other orders as percentage of total non-directed orders 0.00%
5. BOX Option Exchange

Types of Orders Routed to Venue :

- Market orders as percentage of total non-directed orders: 9.89%
- Limit orders as percentage of total non-directed orders: 0.63%
- Other orders as percentage of total non-directed orders: 0.00%

6. NYSE American Options

Types of Orders Routed to Venue :

- Market orders as percentage of total non-directed orders: 4.40%
- Limit orders as percentage of total non-directed orders: 6.25%
- Other orders as percentage of total non-directed orders: 0.00%

7. Cboe BZX Options Exchange, Inc.

Types of Orders Routed to Venue :

- Market orders as percentage of total non-directed orders: 3.30%
- Limit orders as percentage of total non-directed orders: 6.88%
- Other orders as percentage of total non-directed orders: 0.00%

8. NYSE Arca Options

Types of Orders Routed to Venue :

- Market orders as percentage of total non-directed orders: 1.10%
- Limit orders as percentage of total non-directed orders: 8.75%
- Other orders as percentage of total non-directed orders: 0.00%

9. Cboe EDGX Option Exchange

Types of Orders Routed to Venue :

- Market orders as percentage of total non-directed orders: 1.65%
- Limit orders as percentage of total non-directed orders: 5.63%
- Other orders as percentage of total non-directed orders: 0.00%

10. The MIAAX Options Exchange

Types of Orders Routed to Venue :

- Market orders as percentage of total non-directed orders: 3.30%
- Limit orders as percentage of total non-directed orders: 3.13%
- Other orders as percentage of total non-directed orders: 0.00%