

SEC Rule 606 Quarterly Report for the Quarter Ending September 30, 2018

Securities Listed on New York Stock Exchange

Summary Statistics:

Non-directed orders as percentage of total customer orders	100.00%
Market orders as percentage of total market orders	84.41%
Limit orders as percentage of total limit orders	15.59%
Other orders as percentage of total other orders	0.00%

Venues Receiving Significant Percentage of Total Non-Directed Orders:

1. Citadel Securities LLC	39.15%
2. VIRTU Americas LLC	33.05%
3. National Financial Services LLC	10.85%
4. G1 Execution Services, LLC	8.98%
5. Two Sigma Securities, LLC	3.73%
6. Cboe BYX U.S. Equities Exchange	2.03%
7. Cboe EDGX U.S. Equities Exchange	1.19%
8. UBS Securities, LLC	0.51%
9. NASDAQ Execution Services, LLC	0.34%
10. New York Stock Exchange	0.17%

Information Concerning Significant Venues :

1. Citadel Securities LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	39.16%
Limit orders as percentage of total limit orders	39.13%
Other orders as percentage of total other orders	0.00%

2. VIRTU Americas LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	32.93%
Limit orders as percentage of total limit orders	33.70%
Other orders as percentage of total other orders	0.00%

3. National Financial Services LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	11.65%
Limit orders as percentage of total limit orders	6.52%
Other orders as percentage of total other orders	0.00%

4. G1 Execution Services, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	9.64%
Limit orders as percentage of total limit orders	5.43%
Other orders as percentage of total other orders	0.00%

5. Two Sigma Securities, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	4.02%
Limit orders as percentage of total limit orders	2.17%
Other orders as percentage of total other orders	0.00%

6. Cboe BYX U.S. Equities Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	2.01%
Limit orders as percentage of total limit orders	2.17%
Other orders as percentage of total other orders	0.00%

7. Cboe EDGX U.S. Equities Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	7.61%
Other orders as percentage of total other orders	0.00%

8. UBS Securities, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.60%
Limit orders as percentage of total limit orders	0.00%
Other orders as percentage of total other orders	0.00%

9. NASDAQ Execution Services, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	2.17%
Other orders as percentage of total other orders	0.00%

10. New York Stock Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	1.09%
Other orders as percentage of total other orders	0.00%

Securities Listed on The Nasdaq Stock Market

Summary Statistics:

Non-directed orders as percentage of total customer orders	100.00%
Market orders as percentage of total market orders	55.76%
Limit orders as percentage of total limit orders	44.14%
Other orders as percentage of total other orders	0.11%

Venues Receiving Significant Percentage of Total Non-Directed Orders:

1. Citadel Securities LLC	40.65%
2. VIRTU Americas LLC	30.83%
3. G1 Execution Services, LLC	9.71%
4. National Financial Services LLC	6.02%
5. Cboe EDGX U.S. Equities Exchange	5.17%
6. Two Sigma Securities, LLC	3.91%
7. NASDAQ Execution Services, LLC	1.69%
8. Cboe BYX U.S. Equities Exchange	1.37%
9. UBS Securities, LLC	0.63%

Information Concerning Significant Venues :

1. Citadel Securities LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	45.45%
Limit orders as percentage of total limit orders	34.69%
Other orders as percentage of total other orders	0.00%

2. VIRTU Americas LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	31.63%
Limit orders as percentage of total limit orders	29.67%
Other orders as percentage of total other orders	100.00%

3. G1 Execution Services, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	10.23%
Limit orders as percentage of total limit orders	9.09%
Other orders as percentage of total other orders	0.00%

4. National Financial Services LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	7.39%
Limit orders as percentage of total limit orders	4.31%
Other orders as percentage of total other orders	0.00%

5. Cboe EDGX U.S. Equities Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	11.72%
Other orders as percentage of total other orders	0.00%

6. Two Sigma Securities, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	3.79%
Limit orders as percentage of total limit orders	4.07%
Other orders as percentage of total other orders	0.00%

7. NASDAQ Execution Services, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	3.83%
Other orders as percentage of total other orders	0.00%

8. Cboe BYX U.S. Equities Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.76%
Limit orders as percentage of total limit orders	2.15%
Other orders as percentage of total other orders	0.00%

9. UBS Securities, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.76%
Limit orders as percentage of total limit orders	0.48%
Other orders as percentage of total other orders	0.00%

Securities Listed on NYSE American or Regional Exchanges

Summary Statistics:

Non-directed orders as percentage of total customer orders	100.00%
Market orders as percentage of total market orders	75.37%
Limit orders as percentage of total limit orders	24.63%
Other orders as percentage of total other orders	0.00%

Venues Receiving Significant Percentage of Total Non-Directed Orders:

1. Citadel Securities LLC	43.40%
2. VIRTU Americas LLC	32.55%
3. G1 Execution Services, LLC	9.68%
4. Two Sigma Securities, LLC	4.99%
5. Cboe EDGX U.S. Equities Exchange	3.81%
6. NASDAQ Execution Services, LLC	2.64%
7. Cboe BYX U.S. Equities Exchange	1.76%
8. National Financial Services LLC	0.88%
9. UBS Securities, LLC	0.29%

Information Concerning Significant Venues :

1. Citadel Securities LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	45.91%
Limit orders as percentage of total limit orders	35.71%
Other orders as percentage of total other orders	0.00%

2. VIRTU Americas LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	35.41%
Limit orders as percentage of total limit orders	23.81%
Other orders as percentage of total other orders	0.00%

3. G1 Execution Services, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	10.89%
Limit orders as percentage of total limit orders	5.95%
Other orders as percentage of total other orders	0.00%

4. Two Sigma Securities, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	5.06%
Limit orders as percentage of total limit orders	4.76%
Other orders as percentage of total other orders	0.00%

5. Cboe EDGX U.S. Equities Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	15.48%
Other orders as percentage of total other orders	0.00%

6. NASDAQ Execution Services, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	10.71%
Other orders as percentage of total other orders	0.00%

7. Cboe BYX U.S. Equities Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	1.95%
Limit orders as percentage of total limit orders	1.19%
Other orders as percentage of total other orders	0.00%

8. National Financial Services LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.78%
Limit orders as percentage of total limit orders	1.19%
Other orders as percentage of total other orders	0.00%

9. UBS Securities, LLC

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	1.19%
Other orders as percentage of total other orders	0.00%

Exchange - Listed Options

Summary Statistics:

Non-directed orders as percentage of total customer orders	100.00%
Market orders as percentage of total market orders	35.71%
Limit orders as percentage of total limit orders	64.29%
Other orders as percentage of total other orders	0.00%

Venues Receiving Significant Percentage of Total Non-Directed Orders:

1. ISE Gemini Options Exchange	21.43%
2. NASDAQ PHLX Options	21.43%
3. Cboe Options Exchange	14.29%
4. The MIAX Options Exchange	14.29%
5. Cboe BZX Options Exchange, Inc.	7.14%
6. Cboe C2 Options Exchange	7.14%
7. Cboe EDGX Option Exchange	7.14%
8. NASDAQ Options Market	7.14%

Information Concerning Significant Venues :

1. ISE Gemini Options Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	33.33%
Other orders as percentage of total other orders	0.00%

2. NASDAQ PHLX Options

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	20.00%
Limit orders as percentage of total limit orders	22.22%
Other orders as percentage of total other orders	0.00%

3. Cboe Options Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	40.00%
Limit orders as percentage of total limit orders	0.00%
Other orders as percentage of total other orders	0.00%

4. The MIAX Options Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	20.00%
Limit orders as percentage of total limit orders	11.11%
Other orders as percentage of total other orders	0.00%

5. Cboe BZX Options Exchange, Inc.

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	11.11%
Other orders as percentage of total other orders	0.00%

6. Cboe C2 Options Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	11.11%
Other orders as percentage of total other orders	0.00%

7. Cboe EDGX Option Exchange

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	20.00%
Limit orders as percentage of total limit orders	0.00%
Other orders as percentage of total other orders	0.00%

8. NASDAQ Options Market

Types of Orders Routed to Venue :

Market orders as percentage of total market orders	0.00%
Limit orders as percentage of total limit orders	11.11%
Other orders as percentage of total other orders	0.00%