UnionBanc Investment Services LLC (UBIS) has prepared this report pursuant to U.S Securities and Exchange Commission Rule 606 which requires broker-dealer firms to make publicly available quarterly reports on their routing practices. This report provides information on the routing of "non-directed orders," which are any orders that the customer has not specifically instructed to be routed to a particular venue for execution. For these non-directed orders, UBIS transmits all customer orders to our clearing firm National Financial Services (NFS), and NFS has selected the execution venue on behalf of UBIS' customers. UBIS does not receive payment for order flow. Furthermore, UBIS does not have any material relationships with any of the venues identified below.

The report is divided into the following four sections: (1) Securities listed on the New York Stock Exchange; (2) Securities listed on the NASDAQ Stock Market; (3) Securities listed on NYSE, Amex or Regional Exchanges; and (4) Exchange listed options. For each section, this report identifies the venues most often selected by NFS, sets forth the percentage of various types of orders routed to the venues, and discusses the material aspects of NFS' relationship with the venues.

UNIONBANC INVESTMENT SERVICES - Held NMS Stocks and Options Order Routing Public Report

Generated on Tue Oct 13 2020 10:58:08 GMT-4 EDT

3rd Quarter, 2020

July 2020

S&P 500 Stocks
Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
1,694	100.00	1363	80.46	34	2.01	232	13.70	65	3.84

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders (%)	Market Orders	Market Orders (%)	Marketable Limit Orders	Marketable Limit Orders (%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders (%)	Other Orders	Other Orders (%)	Net Payment Paid / Received for Market Orders (USD)	Net Payment Paid / Received for Market Orders (cents per hundred shares)	Net Payment Paid / Received for Marketable Limit Orders (USD)	Net Payment Paid / Received for Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Non-Marketable Limit Orders(USD)	Net Payment Paid / Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Other Orders (USD)	Net Payment Paid / Received for Other Orders (cents per hundred shares)
Citadel Securities LLC(CDRG)	765	36.97	688	50.48	15	45.45	33	5.65	29	32.58	0	0	0	0	0	0	0	0
VIRTU Americas LLC(NITE)	550	26.58	492	36.10	11	33.33	30	5.14	17	19.10	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	241	11.65	0	0.00	2	6.06	239	40.92	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	218	10.54	0	0.00	0	0.00	218	37.33	0	0.00	0	0	0	0	0	0	0	0
JANE STREET CAPITAL, LLC(JNST)	77	3.72	74	5.43	3	9.09	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	69	3.33	45	3.30	1	3.03	4	0.68	19	21.35	0	0	0	0	0	0	0	0
Cboe EDGX US Equities Exchange(EDGX)	54	2.61	0	0.00	0	0.00	54	9.25	0	0.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	52	2.51	50	3.67	1	3.03	1	0.17	0	0.00	0	0	0	0	0	0	0	0
Instinet BlockCross(BLKX)	24	1.16	0	0.00	0	0.00	0	0.00	24	26.97	0	0	0	0	0	0	0	0
UBS Securities, LLC(UBSS)	15	0.72	14	1.03	0	0.00	1	0.17	0	0.00	0	0	0	0	0	0	0	0

July 2020

Non-S&P 500 Stocks Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
2,804	100.00	2131	76.00	216	7.70	389	13.87	68	2.43

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders (%)	Market Orders	Market Orders (%)	Marketable Limit Orders	Marketable Limit Orders (%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders (%)	Other Orders	Other Orders (%)	Net Payment Paid / Received for Market Orders (USD)	Net Payment Paid / Received for Market Orders (cents per hundred shares)	Net Payment Paid / Received for Marketable Limit Orders (USD)	Net Payment Paid / Received for Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Non-Marketable Limit Orders (USD)	Net Payment Paid / Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Other Orders (USD)	Net Payment Paid / Received for Other Orders (cents per hundred shares)
Citadel Securities LLC(CDRG)	1314	40.16	1126	52.91	92	43.60	38	4.97	58	34.52	0	0	0	0	0	0	0	0
VIRTU Americas LLC(NITE)	882	26.96	740	34.77	92	43.60	44	5.75	6	3.57	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	249	7.61	0	0.00	6	2.84	243	31.76	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	195	5.96	0	0.00	0	0.00	195	25.49	0	0.00	0	0	0	0	0	0	0	0
Cboe EDGX US Equities Exchange(EDGX)	158	4.83	0	0.00	0	0.00	158	20.65	0	0.00	0	0	0	0	0	0	0	0
Instinet BlockCross(BLKX)	100	3.06	0	0.00	0	0.00	0	0.00	100	59.52	0	0	0	0	0	0	0	0
JANE STREET CAPITAL, LLC(JNST)	97	2.96	89	4.18	5	2.37	3	0.39	0	0.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	88	2.69	80	3.76	4	1.90	4	0.52	0	0.00	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	84	2.57	71	3.34	7	3.32	2	0.26	4	2.38	0	0	0	0	0	0	0	0
Cboe BZX U.S. Equities Exchange(BATS)	45	1.38	0	0.00	0	0.00	45	5.88	0	0.00	0	0	0	0	0	0	0	0

July 2020

Option Contracts Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
203	100.00	52	25.62	30	14.78	121	59.61	0	0.00

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders (%)	Market Orders	Market Orders (%)	Marketable Limit Orders	Marketable Limit Orders (%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders (%)	Other Orders	Other Orders (%)	Net Payment Paid / Received for Market Orders (USD)	Net Payment Paid / Received for Market Orders (cents per hundred shares)	Net Payment Paid / Received for Marketable Limit Orders (USD)	Net Payment Paid / Received for Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Non-Marketable Limit Orders (USD)	Net Payment Paid / Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Other Orders (USD)	Net Payment Paid / Received for Other Orders (cents per hundred shares)
Citadel Securities LLC(CDRG)	79	38.16	22	42.31	13	43.33	44	35.20	0	0.00	0	0	0	0	0	0	0	0
Wolverine Execution Services LLC(WEXX)	45	21.74	0	0.00	1	3.33	44	35.20	0	0.00	0	0	0	0	0	0	0	0
Susquehanna Capital Group(SUSQ)	35	16.91	22	42.31	7	23.33	6	4.80	0	0.00	0	0	0	0	0	0	0	0
Dash Financial Technologies LLC(DASH)	28	13.53	3	5.77	6	20.00	19	15.20	0	0.00	0	0	0	0	0	0	0	0
Citigroup Global Markets, Inc.(KEXP)	10	4.83	3	5.77	2	6.67	5	4.00	0	0.00	0	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	10	4.83	2	3.85	1	3.33	7	5.60	0	0.00	0	0	0	0	0	0	0	0

August 2020

S&P 500 Stocks Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
1,347	100.00	1051	78.03	46	3.41	197	14.63	53	3.93

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders (%)	Market Orders	Market Orders (%)	Marketable Limit Orders	Marketable Limit Orders (%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders (%)	Other Orders	Other Orders (%)	Net Payment Paid / Received for Market Orders (USD)	Net Payment Paid / Received for Market Orders (cents per hundred shares)	Net Payment Paid / Received for Marketable Limit Orders (USD)	Net Payment Paid / Received for Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Non-Marketable Limit Orders (USD)	Net Payment Paid / Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Other Orders (USD)	Net Payment Paid / Received for Other Orders (cents per hundred shares)
Citadel Securities LLC(CDRG)	637	34.79	568	54.10	21	46.67	23	3.49	25	32.47	0	0	0	0	0	0	0	0
VIRTU Americas LLC(NITE)	416	22.72	352	33.52	19	42.22	22	3.34	23	29.87	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	322	17.59	0	0.00	1	2.22	321	48.71	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	249	13.60	0	0.00	2	4.44	247	37.48	0	0.00	0	0	0	0	0	0	0	0
JANE STREET CAPITAL, LLC(JNST)	51	2.79	50	4.76	0	0.00	1	0.15	0	0.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	47	2.57	44	4.19	2	4.44	1	0.15	0	0.00	0	0	0	0	0	0	0	0
Cboe EDGX US Equities Exchange(EDGX)	34	1.86	0	0.00	0	0.00	34	5.16	0	0.00	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	30	1.64	26	2.48	0	0.00	1	0.15	3	3.90	0	0	0	0	0	0	0	0
Instinet BlockCross(BLKX)	24	1.31	0	0.00	0	0.00	0	0.00	24	31.17	0	0	0	0	0	0	0	0
UBS Securities, LLC(UBSS)	12	0.66	10	0.95	0	0.00	0	0.00	2	2.60	0	0	0	0	0	0	0	0

August 2020

Non-S&P 500 Stocks

Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
2,835	100.00	2281	80.46	185	6.53	264	9.31	105	3.70

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders (%)	Market Orders	Market Orders (%)	Marketable Limit Orders	Marketable Limit Orders (%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders (%)	Other Orders	Other Orders (%)	Net Payment Paid / Received for Market Orders (USD)	Net Payment Paid / Received for Market Orders (cents per hundred shares)	Net Payment Paid / Received for Marketable Limit Orders (USD)	Net Payment Paid / Received for Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Non-Marketable Limit Orders (USD)	Net Payment Paid / Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Other Orders (USD)	Net Payment Paid / Received for Other Orders (cents per hundred shares)
Citadel Securities LLC(CDRG)	1398	42.78	1205	52.85	101	54.89	24	3.80	68	39.53	0	0	0	0	0	0	0	0
VIRTU Americas LLC(NITE)	937	28.67	822	36.05	51	27.72	35	5.54	29	16.86	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	234	7.16	0	0.00	2	1.09	232	36.71	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	178	5.45	0	0.00	4	2.17	174	27.53	0	0.00	0	0	0	0	0	0	0	0
JANE STREET CAPITAL, LLC(JNST)	111	3.40	100	4.39	8	4.35	3	0.47	0	0.00	0	0	0	0	0	0	0	0
Cboe EDGX US Equities Exchange(EDGX)	110	3.37	0	0.00	0	0.00	110	17.41	0	0.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	97	2.97	90	3.95	7	3.80	0	0.00	0	0.00	0	0	0	0	0	0	0	0
Instinet BlockCross(BLKX)	67	2.05	0	0.00	0	0.00	0	0.00	67	38.95	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	65	1.99	50	2.19	10	5.43	3	0.47	2	1.16	0	0	0	0	0	0	0	0
NYSE Arca(ARCA)	35	1.07	0	0.00	1	0.54	34	5.38	0	0.00	0	0	0	0	0	0	0	0

August 2020

Option Contracts Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
121	100.00	37	30.58	11	9.09	73	60.33	0	0.00

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders (%)	Market Orders	Market Orders (%)	Marketable Limit Orders	Marketable Limit Orders (%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders (%)	Other Orders	Other Orders (%)	Net Payment Paid / Received for Market Orders (USD)	Net Payment Paid / Received for Market Orders (cents per hundred shares)	Net Payment Paid / Received for Marketable Limit Orders (USD)	Net Payment Paid / Received for Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Non-Marketable Limit Orders (USD)	Net Payment Paid / Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Other Orders (USD)	Net Payment Paid / Received for Other Orders (cents per hundred shares)
Citadel Securities LLC(CDRG)	65	52.42	17	45.95	6	50.00	42	56.00	0	0.00	0	0	0	0	0	0	0	0
Wolverine Execution Services LLC(WEXX)	21	16.94	1	2.70	0	0.00	20	26.67	0	0.00	0	0	0	0	0	0	0	0
Susquehanna Capital Group(SUSQ)	19	15.32	11	29.73	5	41.67	3	4.00	0	0.00	0	0	0	0	0	0	0	0
Dash Financial Technologies LLC(DASH)	13	10.48	5	13.51	1	8.33	7	9.33	0	0.00	0	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	5	4.03	2	5.41	0	0.00	3	4.00	0	0.00	0	0	0	0	0	0	0	0
Citigroup Global Markets, Inc.(KEXP)	1	0.81	1	2.70	0	0.00	0	0.00	0	0.00	0	0	0	0	0	0	0	0

September 2020

S&P 500 Stocks
Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
1,655	100.00	1313	79.34	72	4.35	209	12.63	61	3.69

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders (%)	Market Orders	Market Orders (%)	Marketable Limit Orders	Marketable Limit Orders (%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders (%)	Other Orders	Other Orders (%)	Net Payment Paid / Received for Market Orders (USD)	Net Payment Paid / Received for Market Orders (cents per hundred shares)	Net Payment Paid / Received for Marketable Limit Orders (USD)	Net Payment Paid / Received for Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Non-Marketable Limit Orders (USD)	Net Payment Paid / Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Other Orders (USD)	Net Payment Paid / Received for Other Orders (cents per hundred shares)
Citadel Securities LLC(CDRG)	806	39.16	686	54.66	31	40.79	40	6.34	49	51.04	0	0	0	0	0	0	0	0
VIRTU Americas LLC(NITE)	463	22.50	402	32.03	25	32.89	27	4.28	9	9.38	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	269	13.07	0	0.00	7	9.21	262	41.52	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	267	12.97	0	0.00	0	0.00	267	42.31	0	0.00	0	0	0	0	0	0	0	0
JANE STREET CAPITAL, LLC(JNST)	89	4.32	79	6.29	7	9.21	3	0.48	0	0.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	63	3.06	56	4.46	4	5.26	3	0.48	0	0.00	0	0	0	0	0	0	0	0
Instinet BlockCross(BLKX)	35	1.70	0	0.00	0	0.00	0	0.00	35	36.46	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	28	1.36	22	1.75	1	1.32	2	0.32	3	3.13	0	0	0	0	0	0	0	0
Cboe EDGX US Equities Exchange(EDGX)	27	1.31	0	0.00	0	0.00	27	4.28	0	0.00	0	0	0	0	0	0	0	0
UBS Securities, LLC(UBSS)	11	0.53	10	0.80	1	1.32	0	0.00	0	0.00	0	0	0	0	0	0	0	0

September 2020

Non-S&P 500 Stocks Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
2,653	100.00	2062	77.72	132	4.98	412	15.53	47	1.77

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders (%)	Market Orders	Market Orders (%)	Marketable Limit Orders	Marketable Limit Orders (%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders (%)	Other Orders	Other Orders (%)	Net Payment Paid / Received for Market Orders (USD)	Net Payment Paid / Received for Market Orders (cents per hundred shares)	Net Payment Paid / Received for Marketable Limit Orders (USD)	Net Payment Paid / Received for Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Non-Marketable Limit Orders (USD)	Net Payment Paid / Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Other Orders (USD)	Net Payment Paid / Received for Other Orders (cents per hundred shares)
Citadel Securities LLC(CDRG)	1236	41.32	1072	55.40	66	51.16	65	7.98	33	29.46	0	0	0	0	0	0	0	0
VIRTU Americas LLC(NITE)	719	24.04	624	32.25	47	36.43	39	4.79	9	8.04	0	0	0	0	0	0	0	0
NASDAQ Execution Services, LLC(NSDQ)	270	9.03	0	0.00	2	1.55	268	32.88	0	0.00	0	0	0	0	0	0	0	0
New York Stock Exchange(NYSE)	191	6.39	0	0.00	2	1.55	189	23.19	0	0.00	0	0	0	0	0	0	0	0
Cboe EDGX US Equities Exchange(EDGX)	177	5.92	0	0.00	0	0.00	177	21.72	0	0.00	0	0	0	0	0	0	0	0
G1 Execution Services, LLC(ETMM)	120	4.01	111	5.74	3	2.33	6	0.74	0	0.00	0	0	0	0	0	0	0	0
JANE STREET CAPITAL, LLC(JNST)	93	3.11	85	4.39	4	3.10	4	0.49	0	0.00	0	0	0	0	0	0	0	0
Instinet BlockCross(BLKX)	65	2.17	0	0.00	0	0.00	0	0.00	65	58.04	0	0	0	0	0	0	0	0
NYSE Arca(ARCA)	61	2.04	0	0.00	0	0.00	61	7.48	0	0.00	0	0	0	0	0	0	0	0
Two Sigma Securities, LLC(SOHO)	47	1.57	35	1.81	5	3.88	4	0.49	3	2.68	0	0	0	0	0	0	0	0

September 2020

Option Contracts Summary

Total Non-Directed Orders	Non-Directed Orders as % of All Orders	Total Market Orders	Market Orders as % of Non-Directed Orders	Total Marketable Limit Orders	Marketable Limit Orders as % of Non-Directed Orders	Total Non-Marketable Limit Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Total Other Orders	Other Orders as % of Non-Directed Orders
122	100.00	43	35.25	1	0.82	77	63.11	1	0.82

Venues

Venue - Non-directed Order Flow	Non-Directed Orders	Non-Directed Orders (%)	Market Orders	Market Orders (%)	Marketable Limit Orders	Marketable Limit Orders (%)	Non-Marketable Limit Orders	Non-Marketable Limit Orders (%)	Other Orders	Other Orders (%)	Net Payment Paid / Received for Market Orders (USD)	Net Payment Paid / Received for Market Orders (cents per hundred shares)	Net Payment Paid / Received for Marketable Limit Orders (USD)	Net Payment Paid / Received for Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Non-Marketable Limit Orders (USD)	Net Payment Paid / Received for Non-Marketable Limit Orders (cents per hundred shares)	Net Payment Paid / Received for Other Orders (USD)	Net Payment Paid / Received for Other Orders (cents per hundred shares)
Citadel Securities LLC(CDRG)	77	50.33	17	44.74	0	0.00	59	52.21	1	100.00	0	0	0	0	0	0	0	0
Susquehanna Capital Group(SUSQ)	33	21.57	17	44.74	1	100.00	15	13.27	0	0.00	0	0	0	0	0	0	0	0
Dash Financial Technologies LLC(DASH)	20	13.07	3	7.89	0	0.00	17	15.04	0	0.00	0	0	0	0	0	0	0	0
Wolverine Execution Services LLC(WEXX)	18	11.76	0	0.00	0	0.00	18	15.93	0	0.00	0	0	0	0	0	0	0	0
Morgan Stanley & Company LLC(MSCO)	5	3.27	1	2.63	0	0.00	4	3.54	0	0.00	0	0	0	0	0	0	0	0