

# RBCM - Held NMS Stocks and Options Order Routing Public Report

Generated on Mon Mar 08 2021 06:20:22 GMT-0500 (Eastern Standard Time)

4th Quarter, 2020

October 2020

---

## S&P 500 Stocks

### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
61.29	0.00	0.00	2.63	97.37

### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)
RBC CAPITAL MARKETS, LLC (RBCM)	81.58	0.00	0.00	100.00	81.08	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
IEX SERVICES LLC (IEXG)	7.89	0.00	0.00	0.00	8.11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	31.9500	14.1372
GTS Securities, LLC (GTSM)	5.26	0.00	0.00	0.00	5.41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CS CrossFinder (CAES)	2.63	0.00	0.00	0.00	2.70	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
UBS Securities LLC - UBS ATS (UBSA)	2.63	0.00	0.00	0.00	2.70	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

---

October 2020

---

## Non-S&P 500 Stocks

### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
79.05	2.01	0.80	4.02	93.17

Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)
National Stock Exchange (XCIS)	17.27	0.00	0.00	10.00	18.10	0.0000	0.0000	0.0000	0.0000	2.2800	11.4000	189.3372	14.3425
RBC CAPITAL MARKETS, LLC (RBCM)	13.25	80.00	100.00	40.00	9.91	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nasdaq BX (XBOS)	11.24	0.00	0.00	0.00	12.07	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	28.5300	29.1122
NYSE Mkt Llc (XASE)	9.24	0.00	0.00	0.00	9.91	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0400	6.3750
Cboe EDGA Exchange, Inc. (EDGA)	7.63	0.00	0.00	0.00	8.19	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	10.4600	26.1500
Cboe BZX Exchange, Inc. (BATS)	6.83	0.00	0.00	0.00	7.33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	232.7907	21.9116
NYSE Arca (ARCX)	6.02	0.00	0.00	0.00	6.47	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	34.5255	31.0733
Virtu Americas LLC. (VALR)	6.02	0.00	0.00	30.00	5.17	0.0000	0.0000	0.0000	0.0000	1.8000	3.0354	117.8520	7.3556
GTS Securities, LLC (GTSM)	4.82	0.00	0.00	0.00	5.17	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1,411.2360	6.7885
Cboe BYX Exchange, Inc. (BATY)	3.61	0.00	0.00	0.00	3.88	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	4.1900	17.4583
IEX SERVICES LLC (IEXG)	3.61	0.00	0.00	0.00	3.88	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.9600	6.0000
UBS Securities LLC - UBS ATS (UBSA)	2.41	0.00	0.00	0.00	2.59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	87.0710	4.2314
Level ATS (LEVL)	1.61	0.00	0.00	0.00	1.72	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	33.1000	11.8214
New York Stock Exchange (XNYS)	1.61	0.00	0.00	20.00	0.86	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	3.4480	4.9363
BofA Securities Inc (BAML)	0.80	0.00	0.00	0.00	0.86	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	9.2500	11.2805
CBOE EDGX Exchange, Inc. (EDGX)	0.80	0.00	0.00	0.00	0.86	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	82.8338	4.1388
Nasdaq (XNAS)	0.80	0.00	0.00	0.00	0.86	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-25.6497	-7.8519
BIDS TRADING L.P. (BIDS)	0.40	0.00	0.00	0.00	0.43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	29.8500	13.8194
CS CrossFinder (CAES)	0.40	0.00	0.00	0.00	0.43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.0000	10.0000
INTL FCSTONE SECURITIES INC. (INTL)	0.40	20.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
JP Morgan Securities LLC (JPMX)	0.40	0.00	0.00	0.00	0.43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	3.5000	10.0000

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)
Goldman Sachs & Co. LLC (SGMT)	0.40	0.00	0.00	0.00	0.43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	10.1200	9.5472
NATIONAL FINANCIAL SERVICES LL (XSTM)	0.40	0.00	0.00	0.00	0.43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

-----

## October 2020

---

### Options

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	26.65	0.00	72.89	0.46

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)
RBC CAPITAL MARKETS, LLC (RBCM)	99.54	100.00	0.00	99.38	100.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ISE Options (ISE)	0.46	0.00	0.00	0.62	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

## November 2020

---

### S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
50.46	5.45	0.00	3.64	90.91

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)
RBC CAPITAL MARKETS, LLC (RBCM)	40.00	33.33	0.00	100.00	38.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Virtu Americas LLC. (VALR)	18.18	33.33	0.00	0.00	18.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	148.0853	10.4692
UBS Securities LLC - UBS ATS (UBSA)	14.55	33.33	0.00	0.00	14.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	41.1700	4.3936
NYSE Arca (ARCX)	3.64	0.00	0.00	0.00	4.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	331.3620	13.0056
Citadel Connect (CDED)	3.64	0.00	0.00	0.00	4.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ITG Inc. (ITGI)	3.64	0.00	0.00	0.00	4.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	106.8970	7.0332
Cboe BZX Exchange, Inc. (BATS)	1.82	0.00	0.00	0.00	2.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	92.7800	23.1372
BIDS TRADING L.P. (BIDS)	1.82	0.00	0.00	0.00	2.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE EDGX Exchange, Inc. (EDGX)	1.82	0.00	0.00	0.00	2.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	271.1835	27.1184
GTS Securities, LLC (GTSM)	1.82	0.00	0.00	0.00	2.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
IEX SERVICES LLC (IEXG)	1.82	0.00	0.00	0.00	2.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	34.5600	12.4317
JP Morgan Securities LLC (JPMX)	1.82	0.00	0.00	0.00	2.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	9.4275	8.5417
Level ATS (LEVL)	1.82	0.00	0.00	0.00	2.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Goldman Sachs & Co. LLC (SGMT)	1.82	0.00	0.00	0.00	2.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	6.9880	8.7317
NATIONAL FINANCIAL SERVICES LL (XSTM)	1.82	0.00	0.00	0.00	2.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.2900	11.7273

Material Aspects:

-----

## November 2020

---

### Non-S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
--	---	---	---	--

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
50.31	6.10	2.44	2.44	89.02

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)
RBC CAPITAL MARKETS, LLC (RBCM)	46.34	60.00	100.00	100.00	42.47	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
UBS Securities LLC - UBS ATS (UBSA)	17.07	20.00	0.00	0.00	17.81	0.0511	7.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Virtu Americas LLC. (VALR)	14.63	0.00	0.00	0.00	16.44	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	121.8503	7.9937
GTS Securities, LLC (GTSM)	8.54	0.00	0.00	0.00	9.59	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	890.2500	9.3965
IEX SERVICES LLC (IEXG)	3.66	0.00	0.00	0.00	4.11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0567	9.0000
Nasdaq (XNAS)	3.66	0.00	0.00	0.00	4.11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	188.6247	4.5284
NYSE Arca (ARCX)	1.22	0.00	0.00	0.00	1.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
BofA Securities Inc (BAML)	1.22	0.00	0.00	0.00	1.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CS CrossFinder (CAES)	1.22	0.00	0.00	0.00	1.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
New York Stock Exchange (XNYS)	1.22	20.00	0.00	0.00	0.00	2.1000	30.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NATIONAL FINANCIAL SERVICES LL (XSTM)	1.22	0.00	0.00	0.00	1.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0000	20.0000

#### Material Aspects:

## November 2020

#### Options

##### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	30.87	0.00	67.24	1.89

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)
RBC CAPITAL MARKETS, LLC (RBCM)	99.83	100.00	0.00	99.74	100.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NYSE American (AMEX) (AMEX)	0.17	0.00	0.00	0.26	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

## December 2020

---

### S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
66.67	0.00	0.00	10.00	90.00

#### Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)
RBC CAPITAL MARKETS, LLC (RBCM)	90.00	0.00	0.00	100.00	88.89	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GTS Securities, LLC (GTSM)	10.00	0.00	0.00	0.00	11.11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects:

---

## December 2020

---

### Non-S&P 500 Stocks

#### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
50.56	14.29	2.20	3.30	80.22

## Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)
RBC CAPITAL MARKETS, LLC (RBCM)	61.54	92.31	50.00	66.67	56.16	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Citadel Connect (CDED)	9.89	0.00	0.00	33.33	10.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GTS Securities, LLC (GTSM)	8.79	0.00	0.00	0.00	10.96	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-64.9650	-0.6976
UBS Securities LLC - UBS ATS (UBSA)	5.49	0.00	50.00	0.00	5.48	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Nasdaq (XNAS)	4.40	7.69	0.00	0.00	4.11	8.9300	29.7667	0.0000	0.0000	0.0000	0.0000	380.6421	8.4213
Cboe EDGA Exchange, Inc. (EDGA)	3.30	0.00	0.00	0.00	4.11	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.9270	59.6878
Citadel Derivatives Group Llc (CTDL)	2.20	0.00	0.00	0.00	2.74	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Cboe BZX Exchange, Inc. (BATS)	1.10	0.00	0.00	0.00	1.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
CBOE EDGX Exchange, Inc. (EDGX)	1.10	0.00	0.00	0.00	1.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	139.5427	13.2393
Virtu Americas LLC. (VALR)	1.10	0.00	0.00	0.00	1.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
National Stock Exchange (XCIS)	1.10	0.00	0.00	0.00	1.37	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	17.8164	356.3280

## Material Aspects:

## December 2020

## Options

### Summary

Non-Directed Orders as % of All Orders	Market Orders as % of Non-Directed Orders	Marketable Limit Orders as % of Non-Directed Orders	Non-Marketable Limit Orders as % of Non-Directed Orders	Other Orders as % of Non-Directed Orders
100.00	30.12	0.00	68.47	1.41

## Venues

Venue - Non-directed Order Flow	Non-Directed Orders (%)	Market Orders (%)	Marketable Limit Orders (%)	Non-Marketable Limit 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)
RBC CAPITAL MARKETS, LLC (RBCM)	99.60	100.00	0.00	99.41	100.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NYSE American (AMEX) (AMEX)	0.40	0.00	0.00	0.59	0.00	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Material Aspects: