## SEC Rule 606 Report - Northern Trust Securities - 4th Qtr, 2015

## (Percentages of Total Non-Directed Orders Routed to Individual Route Venues)

### Securities Listed on New York Stock Exchange Euronext

Route Venues	Total (%)	Market (%)	Limit (%)	Other (%)
Total	100.00	0.00	0.00	100.00
Auto Trading Desk Fin Svc	44.97	0.00	0.00	44.97
Citadel Securities	17.43	0.00	0.00	17.43
Fox River Technologies	9.28	0.00	0.00	9.28
Two Sigma Securities, LLC	8.32	0.00	0.00	8.32
Merrill Lynch, Pierce	7.22	0.00	0.00	7.22
KCG Americas LLC	2.87	0.00	0.00	2.87
PDQ ATS, Inc	2.05	0.00	0.00	2.05

100.00% of total customer orders were non-directed orders.

### Securities Listed on The Nasdaq Stock Market

Route Venues	Total (%)	Market (%)	Limit (%)	Other (%)
Total	100.00	0.00	0.00	100.00
Auto Trading Desk Fin Svc	37.13	0.00	0.00	37.13
PDQ ATS, Inc	17.70	0.00	0.00	17.70
Citadel Securities	13.99	0.00	0.00	13.99
G1 Execution Services	8.71	0.00	0.00	8.71
Merrill Lynch, Pierce	7.75	0.00	0.00	7.75
KCG Americas LLC	4.45	0.00	0.00	4.45
Goldman, Sachs & Co	2.16	0.00	0.00	2.16

100.00% of total customer orders were non-directed orders.

#### Securities Listed on NYSE Amex or Regional Exchanges

Securities Listed on 1/1521 mich of Regional Exemanges				
Route Venues	Total (%)	Market (%)	Limit (%)	Other (%)
Total	100.00	0.00	0.00	100.00
Citadel Securities	39.77	0.00	0.00	39.77
Auto Trading Desk Fin Svc	28.49	0.00	0.00	28.49
Two Sigma Securities, LLC	18.14	0.00	0.00	18.14
Fox River Technologies	6.12	0.00	0.00	6.12

100.00% of total customer orders were non-directed orders.

# **Exchange-Listed Options**

Route Venues	Total (%)	Market (%)	Limit (%)	Other (%)
Total	100.00	53.14	46.00	0.86
Chicago Board OptionsExch	20.36	29.67	9.79	11.11
MIAX Options Exchange	11.31	20.65	0.52	11.11
Bloomberg Tradebook LLC	10.97	9.38	13.02	0.00
Philadelphia Exch	10.35	17.31	1.98	27.78
Auto Trading Desk Fin Svc	10.30	1.89	20.21	0.00
Citigroup Global Markets	5.70	3.61	8.13	5.56
GSOP	4.89	2.61	7.60	0.00
Nasdaq Option Market	4.50	0.00	9.79	0.00
Boston Options Exchange	2.97	5.32	0.21	5.56
Citadel Execution Service	2.73	1.35	4.38	0.00
MLOP	2.59	0.63	4.90	0.00
Archipelago LLC	2.40	0.09	5.10	0.00
NYSE Amex	1.96	3.43	0.31	0.00
BATS Stock Exchange	1.82	0.18	3.33	22.22
Susquehanna Investment Gp	1.82	1.80	1.88	0.00
Wolverine Execution Svc.,	1.68	0.72	2.81	0.00
IZZY	1.01	0.00	2.19	0.00

100.00% of total customer orders were non-directed orders.

Material Aspects of Relationship with Route Venues How to read this report

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