Report for RBC Correspondent Services, a division of RBC Capital Markets, LLC SEC Rule 606 Report Disclosure 4th Quarter, 2019

NYSE Listed Securities				
Orders routed to:	Non-Directed Orders	Market Orders	Limit Orders	Other Orders*
Virtu Americas, LLC	34.56%	30.98%	47.13%	31.00%
G1 Execution Services, LLC	27.74%	29.59%	20.42%	32.62%
Citadel Execution Services	26.28%	27.38%	22.92%	25.52%
UBS Capital Markets	11.41%	12.04%	9.53%	10.86%
Total Orders	100.00%	71.70%	22.18%	6.12%

* Orders for which customer requests special handling

NASDAQ Listed Securities				
Orders routed to:	Non-Directed Orders	Market Orders	Limit Orders	Other Orders*
Virtu Americas, LLC	43.12%	39.33%	51.21%	42.91%
G1 Execution Services, LLC	27.68%	28.72%	24.80%	30.61%
Citadel Execution Services	18.93%	20.95%	14.56%	19.28%
UBS Capital Markets	10.28%	10.99%	9.43%	7.20%
Total Orders	100.00%	63.54%	29.86%	6.61%

* Orders for which customer requests special handling

Securities Listed on NYSE MKT/Regional Exchanges				
Orders routed to:	Non-Directed Orders	Market Orders	Limit Orders	Other Orders*
Virtu Americas, LLC	38.68%	36.38%	52.20%	42.12%
G1 Execution Services, LLC	24.63%	24.69%	24.99%	19.06%
UBS Capital Markets	18.54%	20.51%	6.60%	18.59%
Citadel Execution Services	18.14%	18.42%	16.21%	20.24%
Total Orders	100.00%	84.34%	13.94%	1.72%

* Orders for which customer requests special handling

Exchange-Listed Options				
Orders routed to:	Non-Directed Orders	Market Orders	Limit Orders	Other Orders*
Citi Global Markets	75.83%	77.23%	75.17%	83.88%
Citadel Execution Services	19.77%	17.08%	20.78%	12.34%
Total Orders	100.00%	22.06%	75.62%	2.32%

* Orders for which customer requests special handling

Material Aspects of Relationships with Route Venues

