

RBC Correspondent Services a division of RBC Capital Markets LLC.

Material Aspects of Relationships with Market Centers

RBC Correspondent Services (RBC CS) has prepared this report pursuant to a U.S. Securities and Exchange Commission rule (§240.11Ac1-6 / §242.606) requiring all brokerage firms to make available to the public quarterly reports about their order routing practices.

This report provides information on the routing of “non-directed orders” – any order that the customer has not specifically instructed to be routed to a particular venue for execution. RBC CS routes orders to Citigroup Global Markets, Inc. (CMGI), Citadel Execution Services (CDRG), G1 Execution Services, LLC (ETMM), Knight Capital Group Americas, LLC (NITE), and UBS Capital Markets (UBSS). RBC CS is assessed fees and receives credits from these consolidators. The amount of credits that RBC CS receives from one or more such market centers may exceed the amount RBC CS is charged. RBC CS may receive the benefit of these credits and such payments constitute payment for order flow.

Equity Order Credits

G1 Execution Services LLC (G1X) – \$.00035 per share for orders executed after the opening

Option Order Credits minus exchange fees received during 4th quarter 2016

Citigroup (CMGI) – Averaged \$0.28 per contract

Citadel Execution Services (CES) – Averaged \$0.19 per contract