

**National Bank of Canada: Schedule B of Form SBSE-A**

**Section II: Record Maintenance Arrangements / Business Arrangements / Control Persons / Financings**

**Category: 13A**

**Firm/Organization Name:** ICE Data Services Inc.

**Business Address:** 32 Crosby Drive, Bedford, MA 01730, United States

**Effective Date:** 07/05/2016

**Nature of arrangement:** Chat/Communication tool. Surveillance of FO Communication.

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**Category: 13A**

**Firm/Organization Name:** Global Relay Communications Inc.

**Business Address:** 220 Cambie Street, 2nd Floor Vancouver BC V6B 2M9

**Effective Date:** 07/11/2016

**Nature of arrangement:** Chat/Communication tool. Surveillance of FO Communication.

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**Category:13A**

**Firm/Organization Name:** Amazon

**Business Address:** 40 King St W 47th floor, Toronto, ON M5H 4A9, Canada (Canada Office)

**Effective Date:** 03/10/2016

**Nature of arrangement:** NBC uses AWS's data centre (cloud service patterns: IaaS, PaaS, SaaS – infrastructure, platform, software).

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**Category:13A**

**Firm/Organization Name:** Bloomberg L.P.

**Business Address:** 731 Lexington Avenue, New York, NY 10022, United States

**Effective Date:** 03/03/2013

**Nature of arrangement:** Vault & Chat/Communication tool. Surveillance of FO Communication.

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**Category:13A**

**Firm/Organization Name:** Iron Mountain

**Effective Date:** 03/01/2020

**Business Address:** 1 Federal St., Boston, MA 02110, United States

**Nature of arrangement:** Physical & soft record keeping/archiving. Legal (ISDA)

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**Category:13A**

**Firm/Organization Name:** Microsoft Corporation

**Effective Date:** 04/01/2021

**Business Address:** One Microsoft Way, Redmond, WA 98052, United States

**Nature of arrangement:** Chat/Communication tool.

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**Category:13A**

**Firm/Organization Name:** FIS Global

**Effective Date:** 1/1/2020

**Business Address:** 601 Riverside Avenue, Jacksonville, FL 32204, United States

**Nature of arrangement:** FIS – Adaptiv application that allows to manage counterparty risk by calculating PFE (Potential Future Exposure) & the XVA (Valuation Adjustments).

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**Category:13A**

**Firm/Organization Name:** Broadridge Financial Solutions Inc.

**Effective Date:** 07/17/2017

**Business Address:** 193 Marsh Wall London U.K. E14 9SG

**Nature of arrangement:** Broadridge Investor Communication Solutions - The Company offers proxy mailing, vote processing, shareowner communication, meeting, disclosure, prospectus, analytics, and financial communication solutions.

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**Category:13A**

**Firm/Organization Name:** TriResolve

**Effective Date:** 01/27/2020

**Business Address:** Mäster Samuelsgatan 17, 111 44 Stockholm, Sweden, owned by the CME

**Nature of arrangement:** The application performs the swap/derivative portfolio reconciliation with our counterparties' portfolio and performs the reconciliation between the transaction that we have in Murex, and the ones that are reported to DTCC.

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**Category:13A**

**Firm/Organization Name:** IHS Markit

**Effective Date:** 12/10/2010

**Business Address:** 25 Ropemaker St., London, EC2Y 9LY, UK

**Nature of arrangement:** MarketServ - Supports the complete deal life-cycle from booking to automated confirmation and reconciliation. The system allows deals to be legally confirmed as part of the deal capture process. Dealers receive deals directly from brokers connected to the system (when dealing through a broker).

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**Category:13B**

**Firm/Organization Name:** JP Morgan Clearing Corp.

**Effective Date:** 08/01/2011

**Business Address:** One Metrotech Center North Brooklyn, NY 11201 United States

**Nature of arrangement:** JP Morgan provides clearings services for the Bank.

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**Category:13B**

**Firm/Organization Name:** BNY Mellon

**Effective Date:** 11/01/2010

**Business Address:** One Wall Street, New York, NY 10286

**Nature of arrangement:** BNY Mellon provides custody services for the Bank.

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**Category:13B**

**Firm/Organization Name:** ICE LINK

**Effective Date:** 10/17/2018

**Business Address:** 32 Crosby Drive Bedford, MA 01730, United States

**Nature of arrangement:** Trade Affirmation Tool : Traders discuss with their counterparties directly (or the broker) via a SEF platform. Transactions are sent to ICE Link, then the two parties have to confirm the trade details. When the two parties have agreed on the detail, the trade goes to the clearing house.

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