

EXHIBIT 5 TO SR-CBOE-2016-092(additions are underlined; deletions are [bracketed])

* * * * *

**MARKET DATA EXPRESS, LLC (MDX)
CBOE STREAMING MARKETS
FEE SCHEDULE
[DECEMBER 22, 2015] DECEMBER 19, 2016**

I. The fees for the BBO Data Feed are as follows:**BBO DATA FEED:**

	Data Fee (per month)	User Fees (per month)
CBOE	[\$6,000] \$7,000 [(effective January 1, 2016)]	\$50 per Device or user ID for Display Only Service Users (External users)

The fees for the BBO Data Feed are payable by all “Customers”.

A “Customer” is any person, company or other entity that, pursuant to a market data agreement with MDX, is entitled to receive data, either directly from MDX or through an authorized redistributor (i.e., a Customer or an extranet service provider), whether that data is distributed externally or used internally.

An entity or person that receives BBO data from a Customer through a Display Only Service is not a “Customer” unless it has a market data agreement in place with MDX. A “Display Only Service” allows a natural person end-user to view and manipulate data using the Customer’s computerized service, but not to save, copy, export or transfer the data or any results of the manipulation to any other computer hardware, software or media, except for printing it to paper or other non-magnetic media.

User Fees. User fees are payable only for “external” Display Only Service users (Devices or user IDs of Display Only Service users who receive data from a Customer and are not employees or natural person independent contractors of the Customer, the Customer’s affiliates or an authorized service facilitator). A “Device” means any computer, workstation or other item of equipment, fixed or portable, that receives, accesses and/or displays data in visual, audible or other form.

II. The fees for the Book Depth Data Feed are as follows:

BOOK DEPTH DATA FEED:

	Data Fee (per month)	User Fees (per month)
CBOE	[\$6,000] \$7,000 [(effective January 1, 2016)] Book Depth Data Feed Data Fee is waived for BBO Data Feed Customers	\$50 per Device or user ID for Display Only Service users (External users)

The fees for the Book Depth Data Feed are payable by all Customers, as defined in Section 1 above.

An entity or person that receives Book Depth data from a Customer through a Display Only Service (as defined in Section 1 above) is not a “Customer” unless it has a market data agreement in place with MDX.

User Fees. User fees are payable only for “external” Display Only Service users, as defined in Section 1 above.

III. The fees for the Complex Order Book Data Feed are as follows:

COMPLEX ORDER BOOK (“COB”) DATA FEED:

	Data Fee (per month)	User Fees (per month)
CBOE	\$100 COB Data Feed Data Fee is waived for BBO and Book Depth Data Feed Customers	\$25 per Device or user ID for Professional Users (Internal and External Users) [\$1 – Non-Professional User] \$0 – Non-Professional User [User Fees are subject to a cap of \$2000 per month]

The fees for the COB Data Feed are payable by all “Customers”, as defined in Section 1 above.

An entity or person that receives the COB Data Feed from a Customer and only uses it internally is not a “Customer” unless it has a market data agreement in place with MDX.

Non-Professional User. A “Non-Professional User” is a natural person or qualifying trust that uses Data only for personal purposes and not for any commercial purpose and, for a natural person who works in the United States, is not: (i) registered or qualified in any capacity with the Securities and Exchange Commission, the Commodities Futures Trading Commission, any state securities agency, any securities

exchange or association, or any commodities or futures contract market or association; (ii) engaged as an “investment adviser” as that term is defined in Section 201(11) of the Investment Advisors Act of 1940 (whether or not registered or qualified under that Act); or (iii) employed by a bank or other organization exempt from registration under federal or state securities laws to perform functions that would require registration or qualification if such functions were performed for an organization not so exempt; or, for a natural person who works outside of the United States, does not perform the same functions as would disqualify such person as a Non-Professional User if he or she worked in the United States.

Professional User. A “Professional User” is any natural person recipient of Data who is not a Non-Professional User.

User Fees. User fees for Professional Users are payable for both “internal” Professional Users (Devices or user IDs of employees of a Customer) and “external” Professional Users (Devices or user IDs of Professional Users who receive the Data from a Customer and are not employed by the Customer). (Non-Professional Users must be external since a person who uses the Data for a commercial purpose cannot be a Non-Professional User.)

IV. The fees for the FLEX Options Data Feed are as follows:

FLEX OPTIONS DATA FEED:

	Data Fee (per month)	User Fees (per month)
CBOE FLEX	\$0	\$0

The fees for the FLEX Data Feed are payable by all “Customers”, as defined in Section 1 above.

V. Systems Fees:

Port Fee: \$500/per data port/month

Port Fee. The port fee is payable by any Customer that receives data through a direct connection to MDX or through a connection to MDX provided by an extranet service provider. The port fee applies to receipt of any CBOE data feed but is only assessed once per data port.