

| \boxtimes | Trading – Interest Rate Derivatives | \boxtimes | Back-office - Options |
|-------------|--|-------------|-----------------------|
| \boxtimes | Trading – Equity and Index Derivatives | \boxtimes | Technology |
| \boxtimes | Back-office – Futures | \boxtimes | Regulation |

CIRCULAR 184-17 December 20, 2017

AMENDMENTS TO THE LIST OF FEES OF BOURSE DE MONTRÉAL INC. (EFFECTIVE JANUARY 4, 2018)

Bourse de Montreal Inc. (the "Bourse") hereby announces the following amendments to its List of Fees effective January 4, 2018. The new List of Fees, both blackline and clean versions, can be found attached for your information.

SECTION A. APPROVED PARTICIPANTS (DOMESTIC & FOREIGN) – APPLICATION AND REGULATION

The Special Committee of the Regulatory Division of the Bourse (the "Division") has approved the following modifications:

Modification to fees resulting from the late filing of documents

- Modification to article 2.1.2. and removal of article 2.1.3 so that any second or following occurrence of late filing of a termination notice within the same calendar year be subject to a fee of \$250 (per late business day, par individual, for a maximum of \$2,500) instead of \$500 (for a maximum of \$5,000);
- Modification to article 2.5 in order to clarify its reach for the late filing of any information or document required by the Division.

Non-significant changes to subsection 3

Removal of "SAM" within the subsection.

Modifications to the billing of inspection expenses (subsection 6)

Clarification to the language used for the billing of inspection expenses by the Division.

For further information, please contact Julie Rochette, Vice-President and Chief Regulatory Officer at (514) 871-3516, or at <u>julie.rochette@tmx.com</u>.

SECTION C. TRANSACTION FEES

Removal of the market maker program participant transaction fee on Options on Exchange Traded Funds (subsection 1.3.4)

The transaction fee (per contract, per side) applied to market maker program participants for ETF options, which is currently set at \$0.00, is removed from the List of Fees as part of the Bourse's Market Maker Programs Reform (see <u>circular 170-17</u> for further details on this reform).

For further information, please contact Gladys Karam, Director, Equity Derivatives at (514) 871-7880, or at <u>glady.karam@tmx.com</u>.

Gladys Karam Director, Equity Derivatives Financial Markets Julie Rochette Vice-President and Chief Regulatory Officer Regulatory Division



Montréal Exchange

List of Fees

Effective as of January 4, 2018

A. APPROVED PARTICIPANTS (DOMESTIC & FOREIGN) - APPLICATION AND REGULATION

1. Market Regulation Assessments

| 1.1 | Fixed annual assessment |] [| |
|-----|---|-----|-------------|
| | 1.1.1 Approved participant (domestic & foreign) | | \$ 5,000 |
| 1.2 | Variable assessment - Surveillance (per contract, per side) | 1 | |
| | 1.2.1 Approved participant (domestic & foreign) - All contracts - Except SXM and Share Futures | 1 | \$ 0.03 |
| | 1.2.2 Approved participant (domestic & foreign) - SXM | 1 | \$ 0.01 |
| | 1.2.3 Approved participant (domestic & foreign) - Share Futures * | | |
| | * To support the growth of this new contract, the \$0.01 variable assessment will be assumed by the | | |
| | Bourse until further notice. | ļ | \$ 0.01 |

1.3 Fee Cap Program for approved participant (domestic & foreign)

This fee cap only applies to cross transactions and pre-arranged transactions done in zero-seconds exceeding the thresholds specified below.

| Contra | ct | Size per trade | Transaction fee |
|--------------------------------------|---------------|------------------------------|----------------------------|
| Equity / Options * | All contracts | 5,000 + contracts | \$0.03 cap at \$ 150 / leg |
| ETF / Options * | All contracts | $5,000 \pm \text{contracts}$ | \$0.05 cap at \$ 1507 leg |
| S&P/TSX 60 Index Options (SXO) ** | All contracts | 1,000 + contracts | \$0.03 cap at \$ 30 / leg |
| Index / Options (Except SXO) ** | All contracts | 10,000 + contracts | \$0.03 cap at \$ 300 / leg |
| Currency / Options ** | All contracts | | |

* The Bourse will bundle multi-leg strategies and cap the fees at 5,000 contracts under the following conditions: At least one leg of the strategy is \geq 5,000 contracts; the whole strategy is executed within 15 minutes; the approved participant informs the Bourse of the strategy on which fees should be capped before the end of calendar month during which the strategy is executed by sending a request at <u>optionsbundling@m-x.ca</u>. The request must contain all information prescribed in this form (http://www.m-x.ca/f_publications_en/ap_options_bundling_request_form_en.pdf), whether by directly filling the form or by using any other readable format.

** The fee cap applies on an individual transaction basis and not on an aggregate basis

2. Fees resulting from the late filing of documents

| 2.1 | Termination notice submitted more than 10 business days after the termination date | 1 | |
|-----|--|---------------|-------------|
| | 2.1.1 First occurrence (per late business day, per individual, for a maximum of \$1,000) | \$ | 100 |
| | 2.1.2 Second and any following occurrence in a same calendar year | | |
| | (per late business day, per individual, for a maximum of \$2,500) | \$ | 250 |
| | 2.1.3 For any following occurrence in a same calendar year (per late business day, per individual, for a | | |
| | maximum of \$5,000) | \$ | |
| 2.2 | Late reporting of corporate amendments | | |
| | 2.2.1 Change of name (per late business day, for a maximum of \$1,000) | \$ | 100 |
| | 2.2.2 Other corporate amendments under Rule Three (e.g. merger, taking of a major position, | | |
| | change of control, reorganization, etc.) (per late business day, for a maximum of \$2,500) | \$ | 250 |
| 2.3 | Report pertaining to the accumulation of positions for derivative instruments, not submitted by the | | |
| | prescribed deadline (article 14102 of the Rules of the Bourse) | | |
| | 2.3.1 First occurrence | \$ | 250 |
| | 2.3.2 Second occurrence in a same calendar year | \$ | 500 |
| | 2.3.3 For any following occurrence in a same calendar year | \$ | 1 500 |
| 2.4 | Semi-monthly report for over-the-counter options, submitted more than 3 business days | 1 | |
| | after the due date (Rule Six) | | |
| | 2.4.1 First occurrence (per late business day, for a maximum of \$1,000) | \$ | 100 |
| | 2.4.2 Second occurrence in a same calendar year (per late business day, for a maximum | | |
| | of \$2,500) | \$ | 250 |
| | 2.4.3 For any following occurrence in a same calendar year (per late business day, for a maximum of \$5,000) | \$ | 500 |
| 2.5 | Information or document required in the course of an investigation, examination or analysis, | | |
| | submitted more than 1 business day after the due date (per late business day, for a maximum | | |
| | of \$2,500) | \$ | 250 |

3. <u>SAM approved person</u>

| 3.1 | New application | \$ | 125 |
|-----|------------------------------------|----|-----|
| 3.2 | Annual fee per SAM approved person | \$ | 125 |
| 3.3 | Course fee per SAM approved person | \$ | 250 |

4. Approval as designated representative or responsible person

| 4.1 Designated representative (domestic & foreign) | 4.1 | Designated representative (domestic & foreign) | | \$ | 150 |
|---|-----|--|--|----|-----|
|---|-----|--|--|----|-----|

5. <u>Corporate amendments</u>

(Taking of a major position resulting in a change of control which is likely to materially affect the operations; resignation as an approved participant)

6. Billing of inspection expenses

Bourse de Montréal Inc. (the "Bourse") may decide to charge an approved participant (domestic & foreign), in addition to the fixed and variable fees charged by the Regulatory Division, for expenses incurred during an inspection if, in its opinion, in reason of operational deficiencies or others, this approved participant requires a specific surveillance and follow-up by the Regulatory Division.

Any approved participant (domestic & foreign) whose head office or branch to be inspected is located outside Montréal will be charged for the related travel expenses incurred by the staff of the Bourse.

Bourse de Montréal Inc. (the "Bourse") will charge any approved participant (domestic or foreign) for travel expenses incurred related to an inspection.

In addition, the Bourse may decide to charge an approved participant any other expenses if, in its opinion, this approved participant requires specific surveillance and follow-up by the Regulatory Division.

B. MARKETS – GENERAL FEES

1. Back-Office Tools (monthly fees)

| 1.1 | MTM (per station) | \$ | 522 |
|-----|--|----|-----|
| 1.2 | LOPR (Large Open Position Reporting)- Graphical User Interface (GUI) license fee | | |
| | 1.2.1 First license | \$ | 200 |
| | 1.2.2 Each additional license | \$ | 100 |

2. SAM access

| 2.1 | Disconnection | 1 | \$ 500 |
|-----|------------------------------|---|-----------|
| 2.2 | Maintenance fees (per month) | | \$ 500 |

3. <u>Telecommunications</u>

| 3.1 | Installation set up (per network connection) | \$ | 1,500 |
|-----|--|----|-------|
| 3.2 | Disconnection | \$ | 250 |
| 3.3 | Monthly hosting fees via point of presence (POP) | \$ | 750 |
| 3.4 | Monthly VPN access (per connection) | \$ | 29.95 |

4. Services Drop copy fees

4.1 Per month

5. Participant Activity Reports - PAR (monthly fees)

| 5.1 | Instrument list * | \$ | 200 |
|-----|----------------------------|----|-----|
| 5.2 | Anonymous Trades | \$ | 200 |
| 5.3 | Firm's open orders | \$ | 200 |
| 5.4 | Firm's order activity | \$ | 200 |
| 5.5 | Firm's post trade activity | \$ | 200 |
| 5.6 | All five reports | \$ | 700 |

*The instrument report will be offered free of charge with a subscription to any other PAR report

6. <u>Other</u>*

| 6.1 | Professional support (per hour) | 1 | \$ | 150 |
|-----|---------------------------------|---|----|-----|
| | (minimum of one (1) hour) | | | |

* The Bourse can, at its discretion, charge for miscellaneous services at cost plus administrative fees.

500

500

\$

1. Options

| 1.1 | Options |] | | |
|-----|--|---|---------------|----------|
| | 1.1.1 Client and approved participant (domestic & foreign) | | \$ | 0.50 |
| | 1.1.2 Volume rebate program participant | | \$ | 0.16 |
| | 1.1.3 Market maker | | \$ | 0.16 |
| 1.2 | Index Options | | | |
| | 1.2.1 Client and approved participant (domestic & foreign) | | \$ | 0.25 |
| | 1.2.2 Volume rebate program participant | | \$ | 0.16 |
| | 1.2.3 Market maker | | \$ | 0.16 |
| 1.3 | Options on Exchange Traded Funds (ETF) | | | |
| | 1.3.1 Client and approved participant (domestic & foreign) | | \$ | 0.25 |
| | 1.3.2 Volume rebate program participant | | \$ | 0.16 |
| | 1.3.3 Market maker | | \$ | 0.16 |
| | 1.3.4 Market maker program participant | | \$ | <u> </u> |

2. Futures and options on futures

| 2.1 | Futures | | |
|-----|----------------------------|---|------------|
| | 2.1.1 Client (except S) | (F) | \$ 0.82 |
| | 2.1.2 Client (SXF) | | \$ 0.92 |
| | 2.1.3 Approved partici | pant (domestic & foreign) | \$ 0.33 |
| | 2.1.4 Volume rebate pr | ogram participant (see section 4) | \$ 0.21 |
| 2.2 | Options on futures | | |
| | 2.2.1 Client | | \$ 0.50 |
| | 2.2.2 Approved partici | pant (domestic & foreign) | \$ 0.30 |
| | 2.2.3 Volume rebate p | ogram participant (see section 4) | \$ 0.20 |
| 2.3 | Share Futures | | |
| | 2.3.1 All clients and pa | rticipants (transactions under 100 contracts) | \$ 0.16 |
| | 2.3.2 All clients and pa | see below | |
| | The transaction fee per co | ontract, per side will be calculated according to the following formula (rounded to two | |
| | decimals): 0.00032 x (M | aturity date – Trade date) / 365 x Trade price X Contract multiplier | |
| | Where: | | |
| | Maturity date | = Maturity date of the Share Futures contract | |
| | Trade date | = Date on which the trade is executed | |
| | Trade price | = Price at which the Share Futures contract is traded | |
| | Contract multiplier | = Number of shares underlying each Share Futures contract | |
| 2.4 | Futures - SXM | | |
| | 2.4.1 Client | | \$ 0.21 |
| | 2.4.2 Approved partici | pant (domestic & foreign) | \$ 0.09 |
| | 2.4.3 Volume rebate pr | ogram participant (see section 4) | \$ 0.06 |

3. Exchanges for physicals (EFP) and Exchange for risk (EFR)

| 3.1 | All Futures except Share Futures | \$ | 0.25 |
|-----|----------------------------------|----|------|
| 3.2 | Share Futures | \$ | 0.00 |

4. Volume Rebate Program

| Contra | act | Monthly Volume Threshold * | Rebate | Transaction Fee post rebate |
|-----------------------|--|-------------------------------|-----------------|-----------------------------|
| | | First 10,000 contracts | \$0.00 | \$0.21 |
| | 1 st & 2 nd year | 10,001 to 20,000 | \$0.05 per side | \$0.16 |
| BAX | | 20,001 to 40,000 | \$0.10 per side | \$0.11 |
| DAA | cycle | 40,001 to 80,000 | \$0.13 per side | \$0.08 |
| | | 80,001 + contracts | \$0.16 per side | \$0.05 |
| | 3 rd year cycle | No threshold | \$0.16 per side | \$0.05 |
| | | First 10,000 contracts | \$0.00 | \$0.21 |
| | | 10,001 to 30,000 | \$0.05 per side | \$0.16 |
| CGB | All contracts | 30,001 to 60,000 | \$0.08 per side | \$0.13 |
| CGD | An contracts | 60,001 to 100,000 | \$0.10 per side | \$0.11 |
| | | 100,001 to 200,000 | \$0.13 per side | \$0.08 |
| | | 200,001 + contracts | \$0.16 per side | \$0.05 |
| CGF | All contracts | No threshold | \$0.13 per side | \$0.08 |
| CGZ | All contracts | No threshold | \$0.13 per side | \$0.08 |
| LGB | All contracts | No threshold | \$0.13 per side | \$0.08 |
| OBX | All contracts | No threshold | \$0.12 per side | \$0.08 |
| ONX | All contracts | No threshold | \$0.16 per side | \$0.05 |
| OIS | All contracts | No threshold | \$0.16 per side | \$0.05 |
| | | First 1,000 contracts | \$0.00 | \$0.21 |
| | | 1,001 to 2,000 | \$0.05 per side | \$0.16 |
| FTSE | All contracts | 2,001 to 3,000 | \$0.10 per side | \$0.11 |
| | | 3,001 to 4,000 | \$0.13 per side | \$0.08 |
| | | 4,001 + contracts | \$0.16 per side | \$0.05 |
| | | First 20,000 contracts | \$0.00 | \$0.21 |
| SXF | All contracts | 20,001 to 50,000 | \$0.06 per side | \$0.15 |
| SAF | All contracts | 50,001 to 100,000 | \$0.08 per side | \$0.13 |
| | | 100,001 + contracts | \$0.11 per side | \$0.10 |
| | | First 6,000 contracts | \$0.00 | \$0.06 |
| | | 6,001 to 12,000 | \$0.01 per side | \$0.05 |
| SXM | All contracts | 12,001 to 24,000 | \$0.02 per side | \$0.04 |
| | | 24,001 to 48,000 | \$0.03 per side | \$0.03 |
| | | 48,001 + contracts | \$0.04 per side | \$0.02 |
| Share Futures | All contracts | No threshold | \$0.00 | \$0.16 |
| Equity / Options | All contracts | No threshold | \$0.00 | \$0.16 |
| ETF / Options | All contracts | No threshold | \$0.00 | \$0.16 |
| Index / Options | All contracts | No threshold | \$0.00 | \$0.16 |
| Currency / Options | All contracts | No threshold | \$0.00 | \$0.16 |

* An aggregate of at least 5,000 contracts on any MX listed product must be traded during the calendar month in order to be eligible for reduced fees.

Rebate program applies to frequent traders, proprietary trading and arcade firms registered with the Bourse.

The Bourse is also offering a rebate program for new traders under its Volume Rebate Program. Please contact the Bourse for further details.

5. Rebate and Fee Cap Programs for approved participants (domestic & foreign)

5.1

This rebate program only applies to cross transactions and pre-arranged transactions done in zero-seconds exceeding the thresholds specified below, and only on the leg where the approved participant acts as the counterparty of the trade.

| Contra | act | Size per trade | Rebate | Transaction fee post rebate |
|---|---------------|----------------------|--------|------------------------------|
| Eit/ Oti * | All contracts | From 100 to 5000 | \$0.34 | \$0.16 |
| Equity/ Options * | All contracts | 5,000 + contracts | \$0.34 | \$0.16 cap at \$ 800 / leg |
| ETE / Ontines * | All contracts | From 100 to 5,000 | \$0.09 | \$0.16 |
| ETF / Options * | All contracts | 5,000 + contracts | \$0.09 | \$0.16 cap at \$ 800 / leg |
| S&P/TSX 60 Index Options (SXO) ** | All contracts | 1,000 + contracts | \$0.00 | \$0.25 cap at \$ 250 / leg |
| Index / Options | All contracts | From 1,000 to 10,000 | \$0.00 | \$0.25 |
| (Except SXO) ** | All contracts | 10,000 + contracts | \$0.00 | \$0.25 cap at \$ 2,500 / leg |
| Currency / | All contracts | From 1,000 to 10,000 | \$0.25 | \$0.25 |
| Options ** | An contracts | 10,000 + contracts | \$0.25 | \$0.25 cap at \$ 2,500 / leg |

* The Bourse will bundle multi-leg strategies and cap the fees at 5,000 contracts under the following conditions: At least one leg of the strategy is \geq 5,000 contracts; the whole strategy is executed within 15 minutes; the approved participant informs the Bourse of the strategy on which fees should be capped before the end of calendar month during which the strategy is executed by sending a request at <u>optionsbundling@m-x.ca</u>. The request must contain all information prescribed in this form <u>(http://www.m-x.ca/f publications en/ap options bundling request form en.pdf)</u>, whether by directly filling the form or by using any other

<u>x.ca/f_publications_en/ap_options_bundling_request_form_en.pdf)</u>, whether by directly filling the form or by using any other readable format.

** The fee cap applies on an individual transaction basis and not on an aggregate basis.

5.2

This rebate program only applies to client transactions of less than 100 contracts.

| Contract | Tiers (in million of contracts annually) | Rebate | Transaction fee post rebate: Equity / Options, Currency / Options | Transaction fee post rebate: ETF / Options, Index / Options |
|--|--|--------|---|--|
| All contracts: Equity / Options, | From 0 to 1.5 | 0% | \$0.50 | \$0.25 |
| ETF / Options, | From 1.5+ to 3.0 | 30% | \$0.35 | \$0.175 |
| Index / Options, Currency / Options | Above 3.0 | 40% | \$0.30 | \$0.15 |

6. Fee Cap Program for clients

6.1

This fee cap only applies to cross transactions and pre-arranged transactions done in zero-seconds exceeding the thresholds specified below.

| Contract | | Size per trade | Transaction fee |
|--------------------------------------|-----------------|-------------------|------------------------------|
| Equity / Options * All contracts | | 5.000 + contracts | \$0.50 cap at \$ 2,500 / leg |
| ETF / Options * | All contracts | 5,000 + contracts | \$0.25 cap at \$ 1,250 / leg |
| S&P/TSX 60 Index Options (SXO) ** | All contracts | 1,000 + contracts | \$0.25 cap at \$ 250 / leg |
| Index / Options (Except SXO) ** | * All contracts | | \$0.25 cap at \$ 2,500 / leg |
| Currency / Options ** | | | \$0.50 cap at \$ 5,000 / leg |

* The Bourse will bundle multi-leg strategies and cap the fees at 5,000 contracts under the following conditions: At least one leg of the strategy is \geq 5,000 contracts; the whole strategy is executed within 15 minutes; the approved participant informs the Bourse of the strategy on which fees should be capped before the end of calendar month during which the strategy is executed by sending a request at <u>optionsbundling@m-x.ca</u>. The request must contain all information prescribed in this form <u>(http://www.m-x.ca/f_publications_en/ap_options_bundling_request_form_en.pdf)</u>, whether by directly filling the form or by using any other readable format.

** The fee cap applies on an individual transaction basis and not on an aggregate basis

D. MARKET DATA

1. <u>Real-time market data</u> (see note 1 and 2)

| 1.1 | Level 1 – Professionals (per unit per month) – (basic service) | \$ | 40 |
|-----|---|--------|-------|
| | Level 2 – Professionals (per unit per month) – (level 1 + market depth) | \$ | 51 |
| 1.2 | Level 1 – Non-professionals (per unit per month) – (basic service) | \$ | 6 |
| | Level 2 – Non-professionals (per unit per month) – (level 1 + market depth) | \$ | 9 |
| 1.3 | Vendor – Monthly fee (external transmission) | \$ | 2 100 |
| 1.4 | Vendor - Monthly fee (internal transmission) | \$ | 900 |
| 1.5 | Order book feed (OBF) premium (per month) * | \$ | 500 |
| 1.6 | Internet – Usage based subscriber (per quote) | \$ | 0.01 |
| 1.7 | Internet – Usage based subscriber (per option chain) | \$ | 0.03 |
| 1.8 | Order Router Distribution - Monthly fee | \$ | 900 |

* The OBF 500\$ premium fee is in addition to the internal or external transmission monthly vendor fee for real-time market data

2. Delayed market data

| 2.1 | Vendor – Monthly fee (external transmission) | 1 | \$ | 525 |
|-----|--|---|----|-----|
| 2.2 | Vendor – Monthly fee (internal transmission) | | \$ | 525 |

3. Data License Fees (see note 3)

| 3.1 | Monthly fee - For the creation of analytics and automated trading applications |] | \$ 730 |
|-----|--|---|-----------|
| | | | |

4. SFTI Connectivity Fees

| | | _ | | |
|-----|-------------|---|-----------|--|
| 4.1 | Monthly fee | | \$ 420 | |
| | | | | |

5. Historical trading data products

5.1 MX Options or Futures - Trades & Quotes, daily

| 5.1.1 | Monthly subscription | \$ | 550 |
|-------|--|----|-------|
| 5.1.2 | Ad hoc daily file purchase | \$ | 65 |
| 5.1.3 | One-time purchase per month of history | \$ | 275 |
| 5.1.4 | One-time purchase per year of history | \$ | 3 300 |
| 5.1.5 | One-time purchase per two years of history | \$ | 5 775 |
| 5.1.6 | One-time purchase per three years of history | \$ | 8 250 |
| 5.1.7 | One-time purchase per additional year after three years of history | \$ | 1 650 |

5.2 MX Options or Futures - Trading summary, daily

| 5.2.1 | Monthly subscription | \$ | 275 |
|-------|--|--------|-------|
| 5.2.2 | Ad hoc daily file purchase | \$ | 35 |
| 5.2.3 | One-time purchase per month of history | \$ | 140 |
| 5.2.4 | One-time purchase per year of history | \$ | 1 650 |
| 5.2.5 | One-time purchase per two years of history | \$ | 2 900 |
| 5.2.6 | One-time purchase per three years of history | \$ | 4 125 |
| 5.2.7 | One-time purchase per additional year after three years of history | \$ | 825 |

Notes :

- 1. Customers within Canada are billed in Canadian dollars. All others are billed in US dollars.
- 2. Each Distributor must execute the applicable documentation for Receipt of Market Data and written approval must be in place prior to Receipt of Market Data. Receipt of Market Data includes, but is not limited, the creation of original works which are based in whole or in part from the Market Data that (a) can be reverse-engineered to recreate the Market Data, and/or (b) is a reasonable facsimile of the Market Data.
- 3. The analytics and automated trading application license fee is for the use of the real-time MX Market Data feed in analysis programs whereby MX Market Data is used in proprietary programs leading to purchase, sale or other trading decisions such as options analysis, arbitrage and program trading which generate quotations or execute transactions in an automatic manner.

TERMS AND CONDITIONS

- 1. Any billing document (invoice, transaction report, etc.) must be verified without delay. The Bourse must be advised in writing of any error or omission within thirty (30) days following the document date.
- 2. The amount of any invoice becomes due and payable thirty days following date of invoice. Any payment not so forwarded shall be subject to a late payment charge. The late payment charge shall be charged against the amount not so received multiplied by an interest rate of one and a half percent (1.5%) per month, or as otherwise mandated by regulatory or governmental authorities; but in no event shall the applicable interest rate exceed the maximum rate permitted under applicable usury laws.
- 3. All taxes, whether local, provincial, state or federal, business, property excise tax, or other governmental taxes will be added, if the case arises, to the above-mentioned fees according to the service offered.



Montréal Exchange

List of Fees

Effective as of January 4, 2018

A. APPROVED PARTICIPANTS (DOMESTIC & FOREIGN) - APPLICATION AND REGULATION

1. Market Regulation Assessments

| 1.1 | Fixed annual assessment |] [| |
|-----|---|-----|-------------|
| | 1.1.1 Approved participant (domestic & foreign) | 1 1 | \$ 5,000 |
| 1.2 | Variable assessment - Surveillance (per contract, per side) | | |
| | 1.2.1 Approved participant (domestic & foreign) - All contracts - Except SXM and Share Futures | 1 1 | \$ 0.03 |
| | 1.2.2 Approved participant (domestic & foreign) - SXM | | \$ 0.01 |
| | 1.2.3 Approved participant (domestic & foreign) - Share Futures * | | |
| | * To support the growth of this new contract, the \$0.01 variable assessment will be assumed by the | | |
| | Bourse until further notice. | | \$ 0.01 |

1.3 Fee Cap Program for approved participant (domestic & foreign)

This fee cap only applies to cross transactions and pre-arranged transactions done in zero-seconds exceeding the thresholds specified below.

| Contra | ct | Size per trade | Transaction fee |
|--------------------------------------|---------------|------------------------------|----------------------------|
| Equity / Options * | All contracts | 5,000 + contracts | \$0.03 cap at \$ 150 / leg |
| ETF / Options * | All contracts | $5,000 \pm \text{contracts}$ | \$0.05 cap at \$ 1507 leg |
| S&P/TSX 60 Index Options (SXO) ** | All contracts | 1,000 + contracts | \$0.03 cap at \$ 30 / leg |
| Index / Options (Except SXO) ** | All contracts | 10,000 + contracts | \$0.03 cap at \$ 300 / leg |
| Currency / Options ** | All contracts | | |

* The Bourse will bundle multi-leg strategies and cap the fees at 5,000 contracts under the following conditions: At least one leg of the strategy is \geq 5,000 contracts; the whole strategy is executed within 15 minutes; the approved participant informs the Bourse of the strategy on which fees should be capped before the end of calendar month during which the strategy is executed by sending a request at <u>optionsbundling@m-x.ca</u>. The request must contain all information prescribed in this form (<u>http://www.m-x.ca/f_publications_en/ap_options_bundling_request_form_en.pdf</u>), whether by directly filling the form or by using any other readable format.

** The fee cap applies on an individual transaction basis and not on an aggregate basis

2. Fees resulting from the late filing of documents

| 2.1 | Termination notice submitted more than 10 business days after the termination date | |
|-----|--|-------------|
| | 2.1.1 First occurrence (per late business day, per individual, for a maximum of \$1,000) | \$ 100 |
| | 2.1.2 Second and any following occurrence in a same calendar year | |
| | (per late business day, per individual, for a maximum of \$2,500) | \$ 250 |
| 2.2 | Late reporting of corporate amendments | |
| | 2.2.1 Change of name (per late business day, for a maximum of \$1,000) | \$ 100 |
| | 2.2.2 Other corporate amendments under Rule Three (e.g. merger, taking of a major position, | |
| | change of control, reorganization, etc.) (per late business day, for a maximum of \$2,500) | \$ 250 |
| 2.3 | Report pertaining to the accumulation of positions for derivative instruments, not submitted by the | |
| | prescribed deadline (article 14102 of the Rules of the Bourse) | |
| | 2.3.1 First occurrence | \$ 250 |
| | 2.3.2 Second occurrence in a same calendar year | \$ 500 |
| | 2.3.3 For any following occurrence in a same calendar year | \$ 1 500 |
| 2.4 | Semi-monthly report for over-the-counter options, submitted more than 3 business days | |
| | after the due date (Rule Six) | |
| | 2.4.1 First occurrence (per late business day, for a maximum of \$1,000) | \$ 100 |
| | 2.4.2 Second occurrence in a same calendar year (per late business day, for a maximum | |
| | of \$2,500) | \$ 250 |
| | 2.4.3 For any following occurrence in a same calendar year (per late business day, for a maximum of \$5,000) | \$ 500 |
| 2.5 | Information or document required submitted more than 1 business day after the due date | |
| | (per late business day, for a maximum of \$2,500) | \$ 250 |

3. Approved person

| 3.1 | New application | \$ | 125 |
|-----|--------------------------------|----|-----|
| 3.2 | Annual fee per approved person | \$ | 125 |
| 3.3 | Course fee per approved person | \$ | 250 |

4. Approval as designated representative or responsible person

| | 4.1 | Designated representative (domestic & foreign) | | \$ 150 |] |
|----|------------------|--|---|-----------|---|
| 5. | Corporate amendr | <u>nents</u> | ĺ | \$ 500 | |

(Taking of a major position resulting in a change of control which is likely to materially affect the operations; resignation as an approved participant)

6. Billing of inspection expenses

Bourse de Montréal Inc. (the "Bourse") will charge any approved participant (domestic or foreign) for travel expenses incurred related to an inspection.

In addition, the Bourse may decide to charge an approved participant any other expenses if, in its opinion, this approved participant requires specific surveillance and follow-up by the Regulatory Division.

variable

B. MARKETS – GENERAL FEES

1. Back-Office Tools (monthly fees)

| 1.1 | MTM (per station) | \$ 522 |
|-----|--|-----------|
| 1.2 | LOPR (Large Open Position Reporting)- Graphical User Interface (GUI) license fee | |
| | 1.2.1 First license | \$ 200 |
| | 1.2.2 Each additional license | \$ 100 |

2. <u>SAM access</u>

| 2.1 | Disconnection | 1 | \$ 500 |
|-----|------------------------------|---|-----------|
| 2.2 | Maintenance fees (per month) | | \$ 500 |

3. <u>Telecommunications</u>

| 3.1 | Installation set up (per network connection) | \$ | 1,500 |
|-----|--|----|-------|
| 3.2 | Disconnection | \$ | 250 |
| 3.3 | Monthly hosting fees via point of presence (POP) | \$ | 750 |
| 3.4 | Monthly VPN access (per connection) | \$ | 29.95 |

4. Services Drop copy fees

| | 4.1 | | Per month | 1 | \$ | | 500 | |
|--|-----|--|-----------|---|----|--|-----|--|
|--|-----|--|-----------|---|----|--|-----|--|

5. Participant Activity Reports - PAR (monthly fees)

| 5.1 | Instrument list * | \$ | 200 |
|-----|----------------------------|----|-----|
| 5.2 | Anonymous Trades | \$ | 200 |
| 5.3 | Firm's open orders | \$ | 200 |
| 5.4 | Firm's order activity | \$ | 200 |
| 5.5 | Firm's post trade activity | \$ | 200 |
| 5.6 | All five reports | \$ | 700 |

*The instrument report will be offered free of charge with a subscription to any other PAR report

6. <u>Other</u>*

| 6.1 | Professional support (per hour) | \$ | 150 |
|-----|---------------------------------|----|-----|
| | (minimum of one (1) hour) | | |

* The Bourse can, at its discretion, charge for miscellaneous services at cost plus administrative fees.

C. TRANSACTION FEES (per contract, per side)

1. Options

| 1.1 | Options |] | |
|-----|--|---|------------|
| | 1.1.1 Client and approved participant (domestic & foreign) | | \$ 0.50 |
| | 1.1.2 Volume rebate program participant | | \$ 0.16 |
| | 1.1.3 Market maker | | \$ 0.16 |
| 1.2 | Index Options | | |
| | 1.2.1 Client and approved participant (domestic & foreign) | | \$ 0.25 |
| | 1.2.2 Volume rebate program participant | | \$ 0.16 |
| | 1.2.3 Market maker | | \$ 0.16 |
| 1.3 | Options on Exchange Traded Funds (ETF) | | |
| | 1.3.1 Client and approved participant (domestic & foreign) | | \$ 0.25 |
| | 1.3.2 Volume rebate program participant | | \$ 0.16 |
| | 1.3.3 Market maker | | \$ 0.16 |

2. Futures and options on futures

| 2.1 | Futures | | |
|-----|----------------------------|---|------------|
| | 2.1.1 Client (except S2 | (F) | \$ 0.82 |
| | 2.1.2 Client (SXF) | | \$ 0.92 |
| | 2.1.3 Approved partici | pant (domestic & foreign) | \$ 0.33 |
| | 2.1.4 Volume rebate p | rogram participant (see section 4) | \$ 0.21 |
| 2.2 | Options on futures | | |
| | 2.2.1 Client | | \$ 0.50 |
| | 2.2.2 Approved partici | pant (domestic & foreign) | \$ 0.30 |
| | 2.2.3 Volume rebate p | rogram participant (see section 4) | \$ 0.20 |
| 2.3 | Share Futures | | |
| | 2.3.1 All clients and pa | urticipants (transactions under 100 contracts) | \$ 0.16 |
| | 2.3.2 All clients and pa | see below | |
| | The transaction fee per co | ontract, per side will be calculated according to the following formula (rounded to two | |
| | decimals): 0.00032 x (M | aturity date – Trade date) / 365 x Trade price X Contract multiplier | ļ |
| | Where: | | |
| | Maturity date | = Maturity date of the Share Futures contract | |
| | Trade date | = Date on which the trade is executed | |
| | Trade price | = Price at which the Share Futures contract is traded | |
| | Contract multiplier | = Number of shares underlying each Share Futures contract | |
| 2.4 | Futures - SXM | · · | |
| | 2.4.1 Client | | \$ 0.21 |
| | 2.4.2 Approved partici | pant (domestic & foreign) | \$ 0.09 |
| | 2.4.3 Volume rebate p | ogram participant (see section 4) | \$ 0.06 |

3. Exchanges for physicals (EFP) and Exchange for risk (EFR)

| 3.1 | All Futures except Share Futures | 1 | \$ 0.25 |
|-----|----------------------------------|---|------------|
| 3.2 | Share Futures | | \$ 0.00 |

4. Volume Rebate Program

| Contra | act | Monthly Volume Threshold * | Rebate | Transaction Fee post rebate |
|-----------------------|--|-------------------------------|-----------------|-----------------------------|
| | | First 10,000 contracts | \$0.00 | \$0.21 |
| | 1 st & 2 nd year | 10,001 to 20,000 | \$0.05 per side | \$0.16 |
| BAX | | 20,001 to 40,000 | \$0.10 per side | \$0.11 |
| ВАА | cycle | 40,001 to 80,000 | \$0.13 per side | \$0.08 |
| | | 80,001 + contracts | \$0.16 per side | \$0.05 |
| | 3 rd year cycle | No threshold | \$0.16 per side | \$0.05 |
| | | First 10,000 contracts | \$0.00 | \$0.21 |
| | | 10,001 to 30,000 | \$0.05 per side | \$0.16 |
| CCD | All controcts | 30,001 to 60,000 | \$0.08 per side | \$0.13 |
| CGB | All contracts | 60,001 to 100,000 | \$0.10 per side | \$0.11 |
| | | 100,001 to 200,000 | \$0.13 per side | \$0.08 |
| | | 200,001 + contracts | \$0.16 per side | \$0.05 |
| CGF | All contracts | No threshold | \$0.13 per side | \$0.08 |
| CGZ | All contracts | No threshold | \$0.13 per side | \$0.08 |
| LGB | All contracts | No threshold | \$0.13 per side | \$0.08 |
| OBX | All contracts | No threshold | \$0.12 per side | \$0.08 |
| ONX | All contracts | No threshold | \$0.16 per side | \$0.05 |
| OIS | All contracts | No threshold | \$0.16 per side | \$0.05 |
| | | First 1,000 contracts | \$0.00 | \$0.21 |
| | | 1,001 to 2,000 | \$0.05 per side | \$0.16 |
| FTSE | All contracts | 2,001 to 3,000 | \$0.10 per side | \$0.11 |
| | | 3,001 to 4,000 | \$0.13 per side | \$0.08 |
| | | 4,001 + contracts | \$0.16 per side | \$0.05 |
| | | First 20,000 contracts | \$0.00 | \$0.21 |
| SXF | A 11 | 20,001 to 50,000 | \$0.06 per side | \$0.15 |
| SAF | All contracts | 50,001 to 100,000 | \$0.08 per side | \$0.13 |
| | | 100,001 + contracts | \$0.11 per side | \$0.10 |
| | | First 6,000 contracts | \$0.00 | \$0.06 |
| | | 6,001 to 12,000 | \$0.01 per side | \$0.05 |
| SXM | All contracts | 12,001 to 24,000 | \$0.02 per side | \$0.04 |
| | - | 24,001 to 48,000 | \$0.03 per side | \$0.03 |
| | - | 48,001 + contracts | \$0.04 per side | \$0.02 |
| Share Futures | All contracts | No threshold | \$0.00 | \$0.16 |
| Equity / Options | All contracts | No threshold | \$0.00 | \$0.16 |
| ETF / Options | All contracts | No threshold | \$0.00 | \$0.16 |
| Index / Options | All contracts | No threshold | \$0.00 | \$0.16 |
| Currency / Options | All contracts | No threshold | \$0.00 | \$0.16 |

* An aggregate of at least 5,000 contracts on any MX listed product must be traded during the calendar month in order to be eligible for reduced fees.

Rebate program applies to frequent traders, proprietary trading and arcade firms registered with the Bourse.

The Bourse is also offering a rebate program for new traders under its Volume Rebate Program. Please contact the Bourse for further details.

5. Rebate and Fee Cap Programs for approved participants (domestic & foreign)

5.1

This rebate program only applies to cross transactions and pre-arranged transactions done in zero-seconds exceeding the thresholds specified below, and only on the leg where the approved participant acts as the counterparty of the trade.

| Contra | act | Size per trade | Rebate | Transaction fee post rebate |
|---|---------------|----------------------|--------|------------------------------|
| Eit/ Oti * | All contracts | From 100 to 5000 | \$0.34 | \$0.16 |
| Equity/ Options * | All contracts | 5,000 + contracts | \$0.34 | \$0.16 cap at \$ 800 / leg |
| ETE / Ontines * | All contracts | From 100 to 5,000 | \$0.09 | \$0.16 |
| ETF / Options * | All contracts | 5,000 + contracts | \$0.09 | \$0.16 cap at \$ 800 / leg |
| S&P/TSX 60 Index Options (SXO) ** | All contracts | 1,000 + contracts | \$0.00 | \$0.25 cap at \$ 250 / leg |
| Index / Options | All contracts | From 1,000 to 10,000 | \$0.00 | \$0.25 |
| (Except SXO) ** | All contracts | 10,000 + contracts | \$0.00 | \$0.25 cap at \$ 2,500 / leg |
| Currency / | All contracts | From 1,000 to 10,000 | \$0.25 | \$0.25 |
| Options ** | An contracts | 10,000 + contracts | \$0.25 | \$0.25 cap at \$ 2,500 / leg |

* The Bourse will bundle multi-leg strategies and cap the fees at 5,000 contracts under the following conditions: At least one leg of the strategy is \geq 5,000 contracts; the whole strategy is executed within 15 minutes; the approved participant informs the Bourse of the strategy on which fees should be capped before the end of calendar month during which the strategy is executed by sending a request at <u>optionsbundling@m-x.ca</u>. The request must contain all information prescribed in this form <u>(http://www.m-x.ca/f publications en/ap options bundling request form en.pdf)</u>, whether by directly filling the form or by using any other

<u>x.ca/f_publications_en/ap_options_bundling_request_form_en.pdf)</u>, whether by directly filling the form or by using any other readable format.

** The fee cap applies on an individual transaction basis and not on an aggregate basis.

5.2

This rebate program only applies to client transactions of less than 100 contracts.

| Contract | Tiers (in million of contracts annually) | Rebate | Transaction fee post rebate: Equity / Options, Currency / Options | Transaction fee post rebate: ETF / Options, Index / Options |
|--|--|--------|---|--|
| All contracts: Equity / Options, | From 0 to 1.5 | 0% | \$0.50 | \$0.25 |
| ETF / Options, | From 1.5+ to 3.0 | 30% | \$0.35 | \$0.175 |
| Index / Options, Currency / Options | Above 3.0 | 40% | \$0.30 | \$0.15 |

6. Fee Cap Program for clients

6.1

This fee cap only applies to cross transactions and pre-arranged transactions done in zero-seconds exceeding the thresholds specified below.

| Contract | | Size per trade | Transaction fee |
|--------------------------------------|---------------|-------------------|------------------------------|
| Equity / Options * All contracts | | 5.000 + contracts | \$0.50 cap at \$ 2,500 / leg |
| ETF / Options * | All contracts | 5,000 + contracts | \$0.25 cap at \$ 1,250 / leg |
| S&P/TSX 60 Index Options (SXO) ** | All contracts | | \$0.25 cap at \$ 250 / leg |
| - | | | \$0.25 cap at \$ 2,500 / leg |
| Currency / Options ** | | | \$0.50 cap at \$ 5,000 / leg |

* The Bourse will bundle multi-leg strategies and cap the fees at 5,000 contracts under the following conditions: At least one leg of the strategy is \geq 5,000 contracts; the whole strategy is executed within 15 minutes; the approved participant informs the Bourse of the strategy on which fees should be capped before the end of calendar month during which the strategy is executed by sending a request at <u>optionsbundling@m-x.ca</u>. The request must contain all information prescribed in this form <u>(http://www.m-x.ca/f_publications_en/ap_options_bundling_request_form_en.pdf)</u>, whether by directly filling the form or by using any other readable format.

** The fee cap applies on an individual transaction basis and not on an aggregate basis

D. MARKET DATA

1. <u>Real-time market data</u> (see note 1 and 2)

| 1.1 | Level 1 – Professionals (per unit per month) – (basic service) | \$ | 40 |
|-----|---|----|-------|
| | Level 2 – Professionals (per unit per month) – (level 1 + market depth) | \$ | 51 |
| 1.2 | Level 1 – Non-professionals (per unit per month) – (basic service) | \$ | 6 |
| | Level 2 – Non-professionals (per unit per month) – (level 1 + market depth) | \$ | 9 |
| 1.3 | Vendor – Monthly fee (external transmission) | \$ | 2 100 |
| 1.4 | Vendor - Monthly fee (internal transmission) | \$ | 900 |
| 1.5 | Order book feed (OBF) premium (per month) * | \$ | 500 |
| 1.6 | Internet – Usage based subscriber (per quote) | \$ | 0.01 |
| 1.7 | Internet – Usage based subscriber (per option chain) | \$ | 0.03 |
| 1.8 | Order Router Distribution - Monthly fee | \$ | 900 |

* The OBF 500\$ premium fee is in addition to the internal or external transmission monthly vendor fee for real-time market data

2. Delayed market data

| 2.1 | Vendor – Monthly fee (external transmission) | 1 | \$ | 525 |
|-----|--|---|----|-----|
| 2.2 | Vendor – Monthly fee (internal transmission) | | \$ | 525 |

3. Data License Fees (see note 3)

| 3.1 | Monthly fee - For the creation of analytics and automated trading applications |] | \$ 730 |
|-----|--|---|-----------|
| | | | |

4. SFTI Connectivity Fees

| | | _ | | |
|-----|-------------|---|-----------|--|
| 4.1 | Monthly fee | | \$ 420 | |
| | | | | |

5. Historical trading data products

5.1 MX Options or Futures - Trades & Quotes, daily

| 5.1.1 | Monthly subscription | \$ | 550 |
|-------|--|----|-------|
| 5.1.2 | Ad hoc daily file purchase | \$ | 65 |
| 5.1.3 | One-time purchase per month of history | \$ | 275 |
| 5.1.4 | One-time purchase per year of history | \$ | 3 300 |
| 5.1.5 | One-time purchase per two years of history | \$ | 5 775 |
| 5.1.6 | One-time purchase per three years of history | \$ | 8 250 |
| 5.1.7 | One-time purchase per additional year after three years of history | \$ | 1 650 |

5.2 MX Options or Futures - Trading summary, daily

| 5.2.1 | Monthly subscription | \$ | 275 |
|-------|--|----|-------|
| 5.2.2 | Ad hoc daily file purchase | \$ | 35 |
| 5.2.3 | One-time purchase per month of history | \$ | 140 |
| 5.2.4 | One-time purchase per year of history | \$ | 1 650 |
| 5.2.5 | One-time purchase per two years of history | \$ | 2 900 |
| 5.2.6 | One-time purchase per three years of history | \$ | 4 125 |
| 5.2.7 | One-time purchase per additional year after three years of history | \$ | 825 |

Notes :

- 1. Customers within Canada are billed in Canadian dollars. All others are billed in US dollars.
- 2. Each Distributor must execute the applicable documentation for Receipt of Market Data and written approval must be in place prior to Receipt of Market Data. Receipt of Market Data includes, but is not limited, the creation of original works which are based in whole or in part from the Market Data that (a) can be reverse-engineered to recreate the Market Data, and/or (b) is a reasonable facsimile of the Market Data.
- 3. The analytics and automated trading application license fee is for the use of the real-time MX Market Data feed in analysis programs whereby MX Market Data is used in proprietary programs leading to purchase, sale or other trading decisions such as options analysis, arbitrage and program trading which generate quotations or execute transactions in an automatic manner.

TERMS AND CONDITIONS

- 1. Any billing document (invoice, transaction report, etc.) must be verified without delay. The Bourse must be advised in writing of any error or omission within thirty (30) days following the document date.
- 2. The amount of any invoice becomes due and payable thirty days following date of invoice. Any payment not so forwarded shall be subject to a late payment charge. The late payment charge shall be charged against the amount not so received multiplied by an interest rate of one and a half percent (1.5%) per month, or as otherwise mandated by regulatory or governmental authorities; but in no event shall the applicable interest rate exceed the maximum rate permitted under applicable usury laws.
- 3. All taxes, whether local, provincial, state or federal, business, property excise tax, or other governmental taxes will be added, if the case arises, to the above-mentioned fees according to the service offered.