#### D. SPECIAL RULES FOR TRADING FUTURES CONTRACTS

#### Section 6801 - 6820 Terms of Trade Futures

#### 6801 Standard Trading Unit

(24.01.86, 22.04.88, 08.09.89, 16.04.92, 19.01.95, 07.09.99, 31.01.01, 29.04.02, 14.06.02, 03.05.04, 24.07.06, 16.11.07, 30.05.08, 15.05.09)

No futures contract shall be traded on the Bourse unless it has standardized terms and is issued by the appropriate clearing corporation in cooperation with the Bourse.

Unless otherwise determined by the Bourse, each trading unit shall consist of the following:

a) in the case of the 30-day overnight repo rate futures:

a nominal value of CAN\$5,000,000.

b) in the case of the 1-month Canadian bankers' acceptance futures:

a nominal value of CAN\$3,000,000 of 1-month Canadian bankers' acceptances.

c) in the case of the 3-month Canadian bankers' acceptance futures:

a nominal value of CAN\$1,000,000 of 3-month Canadian bankers' acceptances.

d) i) in the case of the 2-year Government of Canada Bond futures:

CAN\$100,000 nominal value of a notional Government of Canada Bond bearing a coupon of 6%.

ii) in the case of the December 2006 2-year Government of Canada Bond futures and for subsequent contract months:

CAN\$200,000 nominal value of a notional Government of Canada Bond bearing a coupon of 4%.

e) in the case of the 5-year Government of Canada Bond futures:

CAN\$100,000 nominal value of a notional Government of Canada Bond bearing a coupon of 6%.

f) in the case of the 10-year Government of Canada Bond futures:

CAN\$100,000 nominal value of a notional Government of Canada Bond bearing a coupon of 6%.

- g) in the case of the 30-year Government of Canada Bond futures:
   CAN\$100,000 nominal value of a notional Government of Canada Bond bearing a coupon of 4%.
- h) in the case of the futures contract on the S&P/TSX 60 Index:

CAN \$200 times the S&P/TSX 60 Index futures contract level.

i) in the case of the mini futures contract on the S&P/TSX Composite Index:

CAN \$5 times the level of the S&P/TSX Composite Index mini futures.

j) in the case of the futures contract on designated S&P/TSX sectorial indices:

The Bourse, in consultation with the Canadian Derivatives Clearing Corporation, shall establish the unit of trading for each futures contract that has been approved for trading.

k) in the case of the futures contract on Canadian and international stocks:

The Bourse, in consultation with the Canadian Derivatives Clearing Corporation, shall establish the unit of trading for each futures contract that has been approved for trading.

l) in the case of the futures contract on carbon dioxide equivalent  $(CO_2e)$  units with physical settlement:

100 carbon dioxide equivalent ( $CO_2e$ ) units. Each unit is an entitlement to emit one metric ton of carbon dioxide equivalent ( $CO_2e$ ).

m) in the case of the futures contract on carbon dioxide equivalent (CO<sub>2</sub>e) units with cash settlement:

100 carbon dioxide equivalent ( $CO_2e$ ) units. Each unit is an entitlement to emit one metric ton of carbon dioxide equivalent ( $CO_2e$ ).

- **6802** Price (24.01.86, 22.04.88, 08.09.89, 17.10.91, 16.04.92, 19.01.95, 07.09.99, 31.01.01, 14.06.02, 03.05.04, 30.05.08, 15.05.09)
- a) During the life of a contract, only the price per unit of physical commodity is negotiable.
- b) The price for any particular delivery month of a contract is determined by the bids and offers made on the Bourse, subject to the regulations.
- c) Unless otherwise determined by the Bourse, the price shall be quoted as follows:

| Government of Canada Bond futures            | Per CAN\$100 nominal value   |
|--|--|
| 30-day overnight repo rate futures           | In terms of an index of 100 minus the monthly<br>average overnight repo rate in percentage<br>point on an annual basis for a 365-day year                |
| 1-month Canadian bankers' acceptance futures | In terms of an index of 100 minus the yield in<br>percentage point on an annual basis for a 365-<br>day year on 1-month Canadian bankers'<br>acceptances |
| 3-month Canadian bankers' acceptance futures | In terms of an index of 100 minus the yield in<br>percentage point on an annual basis for a 365-<br>day year on 3-month Canadian bankers'<br>acceptances |

| Futures contracts on the S&P/TSX Indices  | In index points.   |
|---|--|
| Canadian share Futures Contract   | In CAN cents and dollars per share   |
| International Share Futures Contract  | In unit(s) of International currency per share                                   |
| Futures contract on carbon dioxide equivalent $(CO_2e)$ units with physical and cash settlement | In CAN dollars and cents per metric ton of carbon dioxide equivalent ( $CO_2e$ ) |
| <b>6803 Currency</b> (24.01.86, 22.04.88, 08.09.89, 16.04.92, 19.01 30.05.08, 15.05.09)         | .95, 07.09.99, 31.01.01, 14.06.02, 03.05.04,                                     |

Trading, clearing, settlement and delivery shall be in the currency designated by the Bourse and unless otherwise determined shall be as follows:

| 30-day overni  | ght repo rate futures  | CAN Dollars            |
|--|--|------------------------|
| 1-month and 3  | 3-month Canadian bankers' acceptance futures                           | CAN Dollars            |
| Government of  | of Canada Bond futures   | CAN Dollars            |
| Futures contra   | acts on S&P/TSX Indices  | CAN Dollars            |
| Canadian shar  | re futures Contract  | CAN Dollars            |
| Futures contra<br>and cash settle  | act on carbon dioxide equivalent ( $CO_2e$ ) units with physical ement | CAN Dollars            |
| International s  | share futures contracts  | International currency |
| <b>6804 Futures Contracts Expiries</b><br>(24.01.86, 22.04.88, 08.09.89, 16.04.92, 27.07.94, 19.01.95, 11.03.98, 07.09.99, 31.01.01, 14.06.02, 03.05.04, 30.05.08, 15.05.09) |  |                        |

Unless otherwise determined by the Bourse, contract expiries shall be as follows:

| 30-day overnight repo rate futures           | Monthly and quarterly contract months  |
|--|--|
| 1-month Canadian bankers' acceptance futures | The first 6 consecutive months   |
| 3-month Canadian bankers' acceptance futures | Quarterly months in the March, June, September<br>and December cycle as well as monthly<br>expirations in the January, February, April, May,<br>July, August, October and November cycle |
| Government of Canada Bond futures            | Quarterly months in the March, June, September and December cycle  |
| Futures contracts on S&P/TSX Indices         | Quarterly months in the March, June, September and December cycle  |

|    | Share futures contracts  | Quarterly months in the March, June, September<br>and December cycle as well as selected monthly<br>expirations in January, February, April, May, July,<br>August, October and November cycle |
|----|--|---|
|    | Futures contract on carbon dioxide equivalent $(CO_2e)$ units with physical settlement   | Daily, monthly, quarterly and annual expiries   |
|    | Futures contract on carbon dioxide equivalent $(CO_2e)$ units with cash settlement   | Daily, monthly, quarterly and annual expiries   |
| 68 | <b>07 Minimum Price Fluctuations</b><br>(24.01.86, 22.04.88, 08.09.89, 16.04.92, 19.01.<br>15.10.02, 03.05.04, 17.11.04, 01.12.06, 30.05.0 | 95, 07.09.99, 31.01.01, 29.04.02, 14.06.02,<br>8, 15.05.09)   |
|    | Unless otherwise determined by the Bourse, minimu  | m price fluctuations shall be as follows:   |
| a) | 30-day overnight repo rate futures   | 0.005 per \$100 nominal value   |
| b) | 1-month and 3-month Canadian Bankers' acceptance futures   | i) For the nearest contract month(s), as determined by the Bourse, 0.005 per \$100 nominal value.   |
|    |  | <ul> <li>ii) For all contract months excluding the<br/>nearest contract month(s) as determined by<br/>sub-paragraph i), 0.01 per \$100 nominal<br/>value.</li> </ul>                          |
| c) | Government of Canada Bond futures Contracts  | a minimum of 0.005 per \$100 nominal value  |
| d) | Futures contract on the S&P/TSX 60 Index   | 0.01 index point  |
| e) | Mini Futures contract on the S&P/TSX<br>Composite Index  | 1 index point   |
| f) | Canadian share futures contract  | A minimum of \$0.01 CDN per Canadian share  |
| g) | International share futures contracts  | At a minimum of the corresponding unit of<br>fluctuation used by the market on which the<br>underlying stock is traded  |
| h) | Futures contracts on S&P/TSX sectorial indices   | 0.01 index point  |
| i) | Futures contract on carbon dioxide equivalent (CO <sub>2</sub> e) units with physical settlement   | A minimum of $0.01$ CDN per metric ton of carbon dioxide equivalent (CO <sub>2</sub> e)   |
| j) | Futures contract on carbon dioxide equivalent $(CO_2e)$ units with cash settlement   | A minimum of $0.01$ CDN per metric ton of carbon dioxide equivalent (CO <sub>2</sub> e)   |

#### 6808 Price Limits / Trading halts

(24.01.86, 22.04.88, 08.09.89, 16.04.92, 19.01.95, 07.09.99, 31.01.01, 14.06.02, 03.05.04, 24.07.06, 30.05.08, 17.04.09, 15.05.09)

The Bourse shall establish for each contract a maximum price limit with respect to the previous day's settlement price and there shall be no trading above or below that limit except as provided below. Unless otherwise determined by the Bourse, the daily price limits shall be as follows:

- a) 30-day overnight repo rate futures: NIL
- b) 1-month and 3-month Canadian bankers' acceptance futures: NIL
- c) Government of Canada Bond futures: NIL
- d) Futures contracts on the S&P/TSX Indices:
  - i) Trading halts

Trading halts on the futures contracts on the S&P/TSX Indices shall be coordinated with the trading halt mechanism of the underlying stocks. In accordance with Policy T-3 of the Bourse entitled "Circuit Breaker", a trading halt of the futures contracts shall be triggered only in conjunction with the triggering of circuit breakers set in coordination with the New York Stock Exchange and The Toronto Stock Exchange.

ii) Resumption of Trading

In the event that trading in the securities market resumes after a trading halt, trading in the S&P/TSX Index futures contracts shall resume only after a percentage (as determined by the Bourse from time to time) of the stocks underlying the S&P/TSX Indices have re-opened.

- e) Canadian share futures contract
  - i) Trading halts

Trading halts on Canadian share futures contract shall be coordinated with the trading halt mechanism of the underlying stocks. In accordance with Policy T-3 of the Bourse entitled "Circuit Breaker", a trading halt of the futures contract shall be triggered in conjunction with the triggering of circuit breakers set in coordination with the New York Stock Exchange and The Toronto Stock Exchange.

f) International share futures contract

In the event that a recognized exchange suspends trading in the underlying share of a share futures contract, then the Bourse may determine a course of action in relation to the share futures contract, including, but not limited to, the suspension or halting in the trading of the contract.

g) Futures contract on carbon dioxide equivalent (CO<sub>2</sub>e) units with physical and cash settlement

NIL

#### 6812 Last Day of Trading

(24.01.86, 22.04.88, 08.09.89, 16.04.92, 19.01.95, 13.07.98, 07.09.99, 31.01.01, 14.06.02, 03.05.04, 30.05.08, 15.05.09)

Unless otherwise determined by the Bourse, the business day on which trading for each contract will terminate shall be as follows:

a) 30-day overnight repo rate futures:

last business day of the contract month.

- b) 1-month and 3-month Canadian Bankers' Acceptance futures:
  - i) at 10:00 a.m. (Montréal time) on the second London (Great Britain) bank business day immediately preceding the third Wednesday of the contract month;
  - ii) if the day as determined by sub-paragraph i) is an exchange or bank holiday in Toronto or Montréal, futures trading shall terminate on the previous bank business day.
- c) 5-year and 10-year Government of Canada Bond futures:

on the 7th business day preceding the last business day of the delivery month.

d) Futures contract of the S&P/TSX 60 Index:

the exchange traded day preceding the final settlement day as defined in article 15721 of the Rules.

e) Mini futures contract on the S&P/TSX Composite Index:

the exchange traded day preceding the final settlement day as defined in article 15986 of the Rules.

f) Canadian Share Futures Contracts:

at 4:00 p.m. (Montréal time) on the third Friday of the contract month or if not a business day, the first preceding business day.

g) International Share Futures Contract:

the last day of trading on International share futures contracts shall coincide with the last day of trading of the corresponding stock index futures contract traded on a recognized exchange for which the underlying stock is a constituant, or such other day as prescribed by the Bourse.

h) Futures Contracts on S&P/TSX sectorial indices:

the exchange traded day preceding the final settlement date as defined in article 15771 of the Rules.

i) Futures contract on carbon dioxide equivalent (CO<sub>2</sub>e) units with cash settlement:

the third business day preceding the last business day of the contract expiry. For contracts with daily expiries, the last day of trading is the first trading day of the contract.

j) Futures contract on carbon dioxide equivalent (CO<sub>2</sub>e) units with physical settlement:

the third business day preceding the last business day of the contract expiry. For contracts with daily expiries, the last day of trading is the first trading day of the contract.

#### RULE FIFTEEN FUTURES CONTRACTS SPECIFICATIONS

#### Section 15001 - 15050 General Provisions

**15001** Scope of Rule (24.01.86, 22.04.88, 08.09.89, 16.04.92, 19.01.95, 07.09.99, 31.01.01, 14.06.02, 03.05.04, 16.11.07, 30.05.08, 15.05.09)

This Rule is limited in application to futures trading of the following instruments:

a) the overnight repo rate;

b) 1-month Canadian bankers' acceptance;

c) 3-month Canadian bankers' acceptance;

d) 2-year Government of Canada Bond;

e) 5-year Government of Canada Bond;

f) 10-year Government of Canada Bond;

g) 30-year Government of Canada Bond;

h) the S&P/TSX 60 Index;

i) the S&P/TSX Composite Index;

j) designated S&P/TSX sectorial indices;

k) Canadian and International stocks;

1) Carbon dioxide equivalent ( $CO_2e$ ) units.

The procedures for dealing with clients, trading, clearing, settlement, delivery and any other matters not specifically covered herein shall be governed by the regulations of the Bourse and the General Regulations of the clearing corporation.

#### 15508 Position Limits

(22.04.88, 08.09.89, 30.12.93, 07.04.94, 20.06.03, 15.05.09)

The maximum number of net long or net short positions in all contract months combined in Canadian bankers' acceptance futures contracts which a person may own or control in accordance with article 14157 shall be as follows:

the greater of 4,000 contracts or of such a limit to be established and published on a monthly basis by the Bourse based on 20% of the average daily open interest for all Canadian bankers' acceptance futures contracts during the preceding three calendar months

or such other position limits as may be determined by the Bourse.

In establishing position limits, the Bourse may apply specific limits to one or more rather than all approved participants or clients, if deemed necessary.

For positions involving options on Canadian Bankers' Acceptance Futures, this rule is superseded by article 6651.

#### 15509 Position Reporting Threshold

(22.04.88, 15.05.09)

Approved participants shall report to the Bourse all positions which, when combining all contract expiries, exceed 300 Canadian bankers' acceptance futures contracts, or such other number as may be determined by the Bourse, in such form and in such manner as shall be prescribed by the Bourse.

# **15703 Trading Unit**

(07.09.99, 15.05.09)

The unit of trading for futures contracts on the S&P/TSX 60 Index shall be as follows:

CAN \$200 times the S&P/TSX 60 Index futures contract level.

#### 15708 Position Limits

(07.09.99, 15.05.09)

The maximum number of net long or net short positions in all contract months combined in index futures contracts which a person may own or control in accordance with article 14157 of the Rules shall be as follows:

#### 30,000 contracts

or such other position limits as may be determined by the Exchange.

In establishing position limits, the Exchange may apply specific limits to one or more rather than all members or clients, if deemed necessary.

Members may benefit from the exemption for a bona fide hedge in accordance with article 14157 of the Rules.

#### 15709 Position Reporting Threshold

(07.09.99, 15.05.09)

Approved participants shall report to the Bourse all positions which, when combining all contract expiries, exceed 1,000 futures contracts on the S&P/TSX 60, or such other number as may be determined by the Bourse, in such form and in such manner as shall be prescribed by the Bourse.

#### 15758 Position Limits

(31.01.01, 29.04.02, 15.05.09)

The maximum number of net long or net short positions in all contract months combined in S&P/TSE sectorial stock indices futures contracts which a person may own or control in accordance with article 14157 of the Rules are the following:

20,000 contracts

or such other position limits as may be determined by the Bourse.

In establishing position limits, the Bourse may apply specific limits to one or more rather than all approved participants or clients, if deemed necessary.

Approved participants may benefit from the exemption for a bona fide hedge in accordance with article 14156 of the Rules.

## 15759 Position Reporting Threshold

(31.01.01,15.05.09)

Members shall report to the Exchange all gross positions, as defined in article 15508 of the Rules, in any one contract month, which exceed 500 sectorial stock index futures contracts, or such other number as may be determined by the Exchange, in such form and in such manner as shall be prescribed by the Exchange.

#### **15809 Position Limits** (31.01.01, 29.04.02, 15.05.09)

- A) The maximum net long or net short positions in futures contracts on Canadian or international shares which a person may own or control in accordance with article 14157 of the Rules of the Bourse shall be as follows and this for all contract months combined of each future contract having the same underlying security:
  - i) The number of contracts equivalent to 1,350,000 shares where the underlying security does not meet the requirements set out in sub-paragraphs ii), iii), iv) or v) hereafter;
  - ii) The number of contracts equivalent to 2,250,000 shares, where either the most recent interlisted six-month trading volume of the underlying interest totals at least 20 million shares, or the most recent interlisted six-month trading volume on the underlying interest totals at least 15 million shares and at least 40 million shares are currently outstanding;
  - iii) The number of contracts equivalent to 3,150,000 shares, where either the most recent interlisted six-month trading volume in the underlying interest totals at least 40 million shares, or the most recent interlisted six-month trading volume on the underlying interest totals at least 30 million shares and at least 120 million shares are currently outstanding.
  - iv) The number of contracts equivalent to 6,000,000 shares, where either the most recent interlisted six-month trading volume in the underlying interest totals at least 80 million shares, or the most recent interlisted six-month trading volume on the underlying interest totals at least 60 million shares and at least 240 million shares are currently outstanding.
  - v) The number of contracts equivalent to 7,500,000 shares, where either the most recent interlisted six-month trading volume in the underlying interest totals at least 100 million shares, or the most recent interlisted six-month trading volume on the underlying interest totals at least 75 million shares and at least 300 million shares are currently outstanding.

#### B) Exemption

As described in Policy C-1, a member may file with the Bourse an application to obtain on behalf of a bona fide hedger an exemption from the position limits prescribed in this article. The application

must be filed on the appropriate form, no later than the next business day after the limit has been exceeded. If the application is rejected, the member shall reduce the position below the prescribed limit within the period set by the Bourse. The Bourse may modify any exemption which has been previously granted. A bona fide hedger may also under certain circumstances file directly with the Bourse, in the form prescribed, an application to obtain an exemption from the position limits prescribed by the Bourse.

In establishing position limits, the Bourse may apply specific limits to one or more rather than all members or clients, if deemed necessary.

#### **15908 Position Limits**

(14.06.02, 15.05.09)

The maximum number of net long or net short positions in all contract months combined in 30-day repo rate futures contracts which a person may own or control in accordance with article 14157 shall be as follows:

- a) for speculators 5,000 contracts
- b) for hedgers the greater of 7,000 contracts or of such a limit to be established and published on a monthly basis by the Bourse based on 20% of the average daily open interest for all 30-day overnight repo rate futures contracts during the preceding three calendar months

or such other position limits as may be determined by the Bourse.

In establishing position limits, the Bourse may apply specific limits to one or more rather than all approved participants or clients, if deemed necessary.

#### 15909 Position Reporting Threshold

(14.06.02, 15.05.09)

Approved participants shall report to the Bourse all positions which, when combining all contract expiries, exceed 300 30-day overnight repo rate futures contracts, or such other number as may be determined by the Bourse, in such form and in such manner as shall be prescribed by the Bourse.

#### SECTION 15971 - 15995 Mini Futures Contract on S&P/TSX Composite Index (15.05.09)

#### Sub-section 15971 - 15985 Specific Trading Provisions

**15971** Contract Months (15.05.09)

The contract months for trading in the mini futures contracts on the S&P/TSX Composite Index shall be as indicated in article 6804 of Rule Six.

**15972 Trading Unit** (15.05.09)

The unit of trading for the mini futures contracts on the S&P/TSX Composite Index shall be as follows:

CAN \$5 times the Mini Futures Contract on S&P/TSX Composite Index level.

# **15973 Currency** (15.05.09)

Trading, clearing and settlement shall be in Canadian dollars.

# **15974 Price Quotation** (15.05.09)

Bids and offers for the mini futures contracts on the S&P/TSX Composite Index shall be quoted in terms of index points. One point equals CAN \$5.

# **15975 Price Fluctuation Unit** (15.05.09)

Price fluctuation unit shall be as defined in article 6807 of the Rules.

# **15976** Price Limits/Trading Halts (15.05.09)

Price limits are indicated in article 6808 of the Rules.

# **15977 Position Limits** (15.05.09)

The maximum number of net long or net short positions in all contract months combined in mini futures contracts on the S&P/TSX Composite Index which a person may own or control in accordance with article 14157 of the Rules shall be as follows:

72,000 contracts

or such other position limits as may be determined by the Bourse.

In establishing position limits, the Bourse may apply specific limits to one or more rather than all approved participants or clients, if deemed necessary.

Approved participants may benefit from the exemption for a bona fide hedger in accordance with article 14157 of the Rules.

# **15978 Reporting Limit** (15.05.09)

Approved participants shall report to the Bourse all positions which, when combining all contract expiries, exceed 1,000 mini futures contracts on the S&P/TSX Composite Index, or such other number as may be determined by the Bourse, in such form and in such manner as shall be prescribed by the Bourse.

**15979** Settlement (15.05.09)

The settlement of the mini futures contracts on the S&P/TSX Composite Index shall be by cash settlement through the CDCC. The settlement procedures are stipulated in articles 15986 to 15990 of the Rules.

#### Sub-section 15986 - 15990 Settlement Procedures

# **15986** Final Settlement Day (15.05.09)

The final settlement day shall be the third Friday of the expiration contract month or, if the S&P/TSX Composite Index is not published on that day, the first preceding trading day for which the Index is scheduled to be published.

# **15987** Final Settlement Price (15.05.09)

The final settlement price determined on the Final Settlement Day shall be CAN \$5 times the official opening level of the S&P/TSX Composite Index based on the opening prices of the component stocks in the Index, or on the last sale price of a stock that does not open for trading on the regularly scheduled day of final settlement. All open positions at the close of the last trading day will be marked to market using the official opening level of the S&P/TSX Composite Index on final settlement day and terminated by cash settlement.

#### **15988 Failure of Settlement** (15.05.09)

(15.05.09)

Any failure on the part of an approved participant to conform to the aforementioned Rules of settlement could result in the imposition of disciplinary sanctions as may be determined by the Bourse based on the circumstances.

#### Sub-section 15991 - 15995 Disclaimer

#### **15991** Limitation of Standard & Poor's Liability Disclaimer-(15.05.09)

Standard and Poor's, a division of The McGraw-Hill Companies, Inc. (S&P), licenses Bourse de Montréal Inc. to use various S&P TSX indices (« indices ») in connection with the trading of futures exchange-traded contracts and options on futures exchange-traded contracts and options exchange-traded contracts based upon such indices. S&P, its affiliates and their third party licensors shall have no liability for any damages, claims, losses or expenses caused by any errors, omissions or delays in calculating or disseminating the indices.

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#### PROCEDURES APPLICABLE TO THE EXECUTION OF CROSS TRANSACTIONS AND THE EXECUTION OF PREARRANGED TRANSACTIONS

In accordance with the provisions of article 6380 of the Rules of Bourse de Montréal Inc. (the Bourse) regarding the execution of cross transactions and prearranged transactions, the following are the eligible products, the prescribed exposure time delays between the input of two orders and the minimum quantity thresholds.

| ELIGIBLE PRODUCTS   | TIME DELAY          | THRESHOLD        |  |  |  |
|---|---------------------|------------------|--|--|--|
| Three-Month Canadian Bankers' Acceptance Futures Contracts (BAX):   |                     |                  |  |  |  |
| 1 <sup>st</sup> four quarterly months – not including serial months | 5 seconds           | No threshold     |  |  |  |
| Remaining expiry months and strategies                              | 15 seconds          | No threshold     |  |  |  |
| Thirty-Day Overnight "Repo" Rate Futures Contract                   | s (ONX):            |                  |  |  |  |
| Front month   | 5 seconds           | No threshold     |  |  |  |
| Remaining expiry months and strategies                              | 15 seconds          | No threshold     |  |  |  |
| Government of Canada Bond Futures Contracts:                        |                     |                  |  |  |  |
| All expiry months and strategies                                    | 5 seconds           | No threshold     |  |  |  |
| Futures Contracts on S&P/TSX Indices:                               |                     |                  |  |  |  |
| All expiry months   | 0 second            | ≥100 contracts   |  |  |  |
| All expiry months and strategies                                    | 5 seconds           | <100 contracts   |  |  |  |
| Carbon Dioxide Equivalent (CO <sub>2</sub> e) Units Futures Co      | ntracts:            |                  |  |  |  |
| All expiry months and strategies                                    | 5 seconds           | No threshold     |  |  |  |
| Options on Three-Month Canadian Bankers' Accept                     | ance Futures Contra | acts (OBX):      |  |  |  |
| All expiry months and strategies                                    | 0 second            | ≥250 contracts   |  |  |  |
| All expiry months and strategies                                    | 5 seconds           | < 250 contracts  |  |  |  |
|   | PRESCRIBED          | MINIMUM QUANTITY |  |  |  |
| ELIGIBLE PRODUCTS   | TIME DELAY          | THRESHOLD        |  |  |  |
|   |                     |                  |  |  |  |
| Equity and Currency Options:  |                     |                  |  |  |  |
| All expiry months   | 0 second            | ≥100 contracts   |  |  |  |
| All expiry months   | 5 seconds           | < 100 contracts  |  |  |  |
| Index Options:  |                     |                  |  |  |  |
| All expiry months   | 0 second            | ≥50 contracts    |  |  |  |
| All expiry months   | 5 seconds           | < 50 contracts   |  |  |  |

Chronological priority of orders must be respected with regards to the posting of the originating order first, when executing a cross or prearranged transaction.

The market participant must ensure that all existing orders in the central order book, regardless of the type of orders, which are at limit prices better than or equal to the cross or prearranged transaction price are executed before completing such transaction.

## EQUITY OPTIONS, INDEX OPTIONS AND CURRENCY OPTIONS CONTRACTS

Cross transactions and prearranged transactions can only be executed in accordance with one of the following procedures:

# Procedure with a prescribed time delay for a quantity smaller than the eligible quantity threshold

A market participant wishing to execute a cross or a prearranged transaction must enter the order into the trading system for the total intended transaction quantity. The participant must then respect a delay equal to the prescribed time delay before executing an offsetting transaction on the residual quantity.

The **residual quantity** is the portion of the original quantity remaining after orders entered in the book with limit prices better than or equal to the intended transaction price have been filled. If no orders have been executed, the residual quantity is equal to the original intended transaction quantity.

# Procedure without a prescribed time delay for a quantity equal to or greater than the eligible quantity threshold

If a market participant has a cross or prearranged order between the bid and ask:

- the participant can use a specific system function to enter a zero-second cross; or
- the participant can enter one side of the order and immediately trade against it if he wishes that the trade be executed directly on the market (with the possibility of execution risk).

Note: The bundling of orders to meet the admissible minimum quantity threshold is not permitted.

#### Transactions with a 50% guaranteed minimum

If a market participant wishes to execute a cross or a prearranged transaction on an option strategy, he must contact a market official and provide details of the intended transaction: total quantity, price, side(s) of the transaction on which the approved participant is required to give priority.

Market makers will be permitted to participate on the transaction up to a total maximum of 50% of the quantity of the intended transaction.

The market participant will be permitted to execute the transaction for the remaining quantity (a minimum of 50% plus any quantity not taken of the 50% that had been offered to the market makers.)

#### MISCELLANEOUS

Eligible products, their respective minimum quantity thresholds and time delays will be modified from time to time in order to take into account the evolution of the trading environment and operational practices of the Bourse. A circular will be issued by the Bourse every time a modification or revision is made to either one of these criteria.



#### PROCEDURES FOR THE EXECUTION AND REPORTING OF EXCHANGE FOR PHYSICAL (EFP), EXCHANGE FOR RISK (EFR) AND SUBSTITUTION OF OTC DERIVATIVE INSTRUMENTS FOR FUTURES CONTRACTS TRANSACTIONS

The purpose of the following procedures is to explain as fully as possible: a) the requirements of article 6815 of the Rules of Bourse de Montréal Inc. (the Bourse) relating to the execution of transactions involving the exchange of futures contracts for a corresponding cash position (Exchange for Physical (EFP)) and of transactions involving the exchange of futures contracts for a corresponding over-the-counter derivative instrument (Exchange for Risk (EFR)); and b) of article 6815A of the Rules of the Bourse relating to the execution of transactions involving the substitution of an over-the-counter derivative instrument for futures contracts. Approved participants must ensure that all of their employees who are involved in the execution of this type of transactions are fully aware of these procedures. Any violation of the requirements set forth in articles 6815 and 6815A of the Rules of the Bourse.

### Exchanges for Physicals (EFP)

An EFP is a transaction whereby two parties enter into an agreement in which one party purchases a cash market position and simultaneously sells a corresponding futures contract position and the other party sells the cash market position and simultaneously purchases the corresponding futures contract position.

The Bourse permits EFP transactions on the following instruments:

#### Interest rate futures contracts Futures contracts on S&P/TSX Indices Futures contracts on carbon dioxide equivalent (CO<sub>2</sub>e) units (MCX)

### Exchange for Risk (EFR)

An EFR is a transaction whereby two parties enter into an agreement in which one party purchases an over-the-counter derivative instrument and simultaneously sells a corresponding futures contract and the other party sells the over-the-counter derivative instrument and simultaneously purchases the corresponding futures contract.

The Bourse permits EFR transactions on the following instruments:

Interest rate futures contracts Futures contracts on S&P/TSX Indices Futures contracts on carbon dioxide equivalent (CO<sub>2</sub>e) units (MCX)

### Substitution of an OTC derivative instrument for futures contracts (Substitution)

A Substitution is a transaction whereby two parties enter into an agreement to substitute an over-the-counter derivatives position for a corresponding futures contract position. The party

who is the buyer of the over-the-counter derivative instrument substitutes this position and buys the corresponding futures contract and the other party who is the seller of the over-the-counter derivative instrument substitutes this position and sells the corresponding futures contract.

The Bourse currently permits Substitution transactions on futures contracts on carbon dioxide equivalent (CO<sub>2</sub>e) units.

# Pricing the Cash component of an EFP or the Risk component of an EFR or of a Substitution

The cash component of an EFP or the risk component of an EFR or of a Substitution is priced at such level that is mutually agreed upon by the two parties to the transaction.

The futures contract leg of an EFP, an EFR or a Substitution must be priced at a fair and reasonable level in light of factors such as, but not limited to, the size of such an EFP, EFR or Substitution transaction, the currently traded prices and bid and ask prices in the same contract at the relevant time, the volatility and liquidity of the relevant market and the general market conditions prevailing at the time the EFP, EFR or Substitution transaction is executed.

The cash component of an EFP or the risk component of an EFR or of a Substitution transaction must be the futures contract underlying interest, a by-product of this underlying interest or a similar product that is reasonably correlated to the futures contract being exchanged.

Also, the number of futures contracts exchanged must be approximately equivalent to the quantity or value of the cash market position being exchanged in an EFP transaction or of the risk component being exchanged in the case of an EFR or substituted in the case of a Substitution. Approved participants that are parties to an EFP, EFR or Substitution transaction may be required to demonstrate such equivalency.

### Acceptable EFP, EFR and Substitution Transactions

In order to have an EFP, EFR or Substitution transaction accepted by the Bourse, the transaction must satisfy the following conditions:

- There must be separate but integrally related futures contracts and cash (in the case of an EFP) or risk component (in the case of an EFR or Substitution) transactions.
- The exchange or substitution transaction must be done between two separate accounts that must satisfy at least one of the following criteria:
  - accounts have different beneficial ownership;
  - accounts have the same beneficial ownership but are under separate control; or
  - accounts are under a common control but involve separate legal entities which may or may not have the same beneficial ownership.

If the parties to an EFP, EFR or Substitution transaction involve the same legal entity, same beneficial owner or separate legal entities under common control, the approved participant (or the parties themselves) must be able to demonstrate that the EFP, EFR or Substitution transaction is a legitimate arm's length transaction.

- The cash market instrument leg of the EFP or the risk component leg of an EFR transaction must provide for a transfer of ownership of the cash market instrument of an EFP or of the over-the-counter derivative instrument of the EFR to the buyer of this instrument and the delivery of this instrument must take place within a reasonable period of time (in accordance with cash market or over-the-counter practice).
- The relation between the prices of the futures contract and of the cash instrument leg of the EFP or the risk component leg of the EFR or Substitution transaction and the relevant prices in either market must be established.
- If he does not have actual possession of the cash instrument, in the case of an EFP transaction, or of the over-the-counter derivative instrument, in the case of an EFR transaction, before the execution of the transaction, the seller of this cash instrument or over-the-counter derivative instrument must be able to demonstrate his ability to satisfy his delivery obligation.
- The Bourse may request that approved participants involved in an EFP, EFR or a Substitution transaction demonstrate that the related cash position and futures position is reasonably correlated.

### Acceptable Cash Components for the purpose of an EFP Transaction

In order to have an EFP transaction accepted by the Bourse, the cash component of the transaction must satisfy the following conditions:

- For interest rate futures contracts: fixed income instruments that have a reasonable price correlation, maturities as well as risk characteristics that parallel the instrument underlying the futures contract being exchanged. Such instruments include, but are not necessarily limited to, money market instruments including asset backed commercial paper, Government of Canada and Federal Crown Corporation fixed income instruments, provincials fixed income instruments, investment grade corporates including Maple Bonds and mortgage instruments including collateralized mortgage obligations (CMOs). Fixed income instruments denominated in the currency of a G7 member country that satisfy these conditions are also acceptable.
- For futures contracts on S&P/TSX Indices: stock baskets must be reasonably correlated to the underlying index with a correlation coefficient (R<sup>2</sup>) of 0.90 or more. Furthermore, these stock baskets must represent a weight of at least 50% of the underlying index or must include at least 50% of the securities of the underlying index. The notional value of the basket must be fairly equal to the value of the futures contract component of the exchange transaction. Exchange-traded funds (iShares<sup>™</sup>) are also acceptable, provided they mirror the index futures contract against which the EFP transaction is made.
- For futures contracts on carbon dioxide equivalent (CO<sub>2</sub>e) units: The eligible Canadian CO<sub>2</sub>e units are regulated emitters' credits, and / or offset credits

# Permissible Over-the-Counter Derivative Instruments for the purpose of an EFR Transaction

A list of permissible over-the-counter derivative instruments for the purpose of effecting an EFR transaction is included in Appendix I.

# Permissible Over-the-Counter Derivative Instruments for the purpose of a Substitution Transaction

• For futures contracts on carbon dioxide equivalent (CO<sub>2</sub>e) units: Over-thecounter derivative instruments on carbon dioxide equivalent units that are reasonably correlated (with a correlation coefficient (R<sup>2</sup>) of 0.80 or more) to the futures contract being substituted.

As a guideline, the time period used to calculate the correlation coefficient must be based on daily price data for a period of at least six (6) months or, if weekly price data are used, for a period of at least one (1) year.

#### Reporting an EFP, EFR or Substitution transaction to the Bourse

EFP, EFR and Substitution transactions must be reported to the Bourse's Market Monitoring Department for approval and subsequent input into the Montréal Automated System (SAM). Approved participants for both the seller and buyer must complete and submit to the Market Monitoring Department the EFP / EFR / Substitution reporting form prescribed by the Bourse. form is available on the Web sites of the Bourse at http://www.m-This x.ca/efp formulaire en.php and at http://www.mcex.ca/trading transactionReportForm in the case of futures contracts on carbon dioxide equivalent (CO2e) units. If the EFP, EFR or Substitution transaction is executed before the closing of the trading session of the futures contract involved in the transaction, the EFP/EFR/Substitution reporting form must be submitted immediately upon the execution of the transaction. If the EFP, EFR or Substitution transaction is made after the closing of the trading session, the EFP/EFR/Substitution reporting form must be submitted no later than 10:00 a.m. (Montréal time) on the next trading day.

If the EFP / EFR / Substitution reporting form is not accurately filled out with all the relevant information required by the Market Monitoring Department of the Bourse, the transaction will not be approved neither recorded in SAM and the approved participant will have to resubmit a new EFP / EFR / Substitution reporting form correctly completed.

Once correctly completed EFP / EFR / Substitution reporting forms have been received, the Market Monitoring Department will validate the transaction. The Bourse has the discretion to refuse an EFP, EFR or Substitution transaction if it deems that it is not in compliance with the requirements, as the case may be, of articles 6815 or 6815A of the Rules of the Bourse or of these procedures. In case of refusal, the Market Monitoring Department will ensure that the approved participant(s) involved in the EFP, EFR or Substitution transaction are promptly informed of such refusal and of the reasons for it.

Once an EFP, an EFR or Substitution transaction has been validated and has been entered into SAM by the Market Monitoring Department, the following information with respect to this transaction will be disseminated by the Bourse on its Web sites at <u>http://www.m-</u>

<u>x.ca/dailycrosses\_en.php</u> or at <u>http://www.mcex.ca/trading\_transactionReport</u> in the case of case of futures contracts on carbon dioxide equivalent ( $CO_2e$ ) units:

- Date and time of transaction
- product description (code);
- Contract month(s);
- Volume of the transaction; and
- Transaction price

Trade validation and market dissemination by the Bourse of an EFP, EFR or Substitution transaction will not preclude the Bourse from initiating any investigation and, as the case may be, disciplinary procedures in the event that the transaction is subsequently found to have been made other than in accordance with the requirements of articles 6815 and 6815A of the Rules of the Bourse or of these procedures.

# Audit Trail Requirements for EFP, EFR and Substitution Transactions

Approved participants who enter into an EFP, EFR or Substitution transaction must maintain all documents relevant to the futures contracts and corresponding cash market or over-the-counter derivative instruments transactions and must be able to promptly provide copies of such documents to the Regulatory Division of the Bourse upon request. Documents that may be requested include, but are not limited to, the following:

- Futures contracts order tickets;
- Futures contracts account statements;
- Documentation customarily generated in accordance with the cash market, over-thecounter or other relevant market practices such as cash account statements, trade confirmation statements, ISDA<sup>®</sup> Master Agreements or other documents of title;
- Third party documentation to support proof of payment or allowing to verify that the ownership title of the related cash market position or, as the case may be, of the related over-the-counter derivative instrument position was transferred from the seller to the buyer. This may include, but is not limited to cancelled checks, bank statements; cash account statements and cash instruments clearing corporation documents (e.g.: CDS Depository and Clearing Services Inc.).

All futures contracts order tickets must clearly indicate the time of execution of the EFP, EFR or Substitution transactions.

#### APPENDIX 1 Exchange for Risk: List of permissible OTC derivative instruments

|                                    | Bond<br>Futures<br>Contracts | Short-Term<br>Interest<br>Rate<br>Futures<br>Contracts | Stock Index<br>Futures/<br>Single Stock<br>Futures | Commodities<br>Futures |
|------------------------------------|------------------------------|--|--|------------------------|
| Vanilla Interest Rate Swaps        | $\checkmark$                 | $\checkmark$   |  |                        |
| Equity and Index Swaps             |                              |  |  |                        |
| Commodities Swaps or Forwards      |                              |  |  |                        |
| Forward Rate Agreements - FRAs     |                              | $\checkmark$   |  |                        |
| OTC Options and Options Strategies | $\checkmark$                 |  |  |                        |

The following outlines the characteristics of OTC derivative instruments that would be acceptable for EFR transaction purposes.

#### Swaps:

#### Interest rate

- standard plain vanilla OTC swap;
- > written under the terms of an ISDA<sup>®</sup> Master Agreement;
- > providing for regular fixed rate payments against regular floating rate payments;
- > All swap payments must be denominated in the currency of a G7 member country;
- The OTC interest rate swap must be reasonably correlated with an R<sup>2</sup> = 0.90 or greater so that the futures contract is a suitable instrument for hedging the OTC derivative instrument transactions. As a guideline, the time period used to calculate the correlation must be based on daily price data for a period of at least six (6) months or, if weekly price data are used, for a period of at least one (1) year.

#### Equities and indices

- standard plain vanilla OTC swap;
- > written under the terms of an ISDA® Master Agreement;
- providing for regular fixed rate payments or regular floating rate payments against the positive or negative performance of a basket of securities or a stock index;
- > All swap payments must be denominated in the currency of a G7 member country;
- The OTC equity or index swap must be reasonably correlated with an R<sup>2</sup> = 0.90 or greater so that the futures contract is a suitable instrument for hedging the OTC derivative instrument transaction. As a guideline, the time period used to calculate the correlation must be based on daily price data for a period of at least six (6) months or, if weekly price data are used, for a period of at least one (1) year.

#### Swaps or Forwards on Commodities:

- > written under the terms of an ISDA<sup>®</sup> Master Agreement;
- > The OTC commodities swap or forward must be reasonably correlated with an  $R^2 = 0.80$  or greater so that the futures contract is a suitable instrument for hedging the OTC derivative instrument transaction. As a guideline, the time period used to calculate the

correlation must be based on daily price data for a period of at least six (6) months or, if weekly price data are used, for a period of at least one (1) year.

### Forward Rate Agreements (FRAs):

- conventional FRA;
- > written under the terms of an ISDA<sup>®</sup> Master Agreement;
- > predetermined interest rate;
- agreed start/end date;
- > have a defined interest (repo) rate.

## **OTC Options and OTC Option Strategies:**

- Any individual or combination of OTC equity or stock index option positions can form the risk transaction component of an EFR transaction against any of the Bourse's stock index or single stock futures contracts.
- Any individual or combination of OTC bond, interest rate swap or FRA options (e.g. caps, floors, collars) can form the risk component of an EFR transaction against any of the Bourse's interest rate futures contracts

### Stock baskets used in an EFR transaction must have the following characteristics:

- be reasonably correlated to the index underlying the futures contract with an R<sup>2</sup> = 0.90 or greater and the time period used to calculate the correlation must be based on daily price data for a period of at least six (6) months or, if weekly price data is used, for a period of at least one (1) year;
- represent at least 50% of the weight of the index underlying the futures contract or include at least 50% of the stocks comprised in the index underlying the futures contract;
- have a notional value equivalent to the value of the futures contract component of the EFR transaction;
- > exchange-traded funds (ETFs) are acceptable provided that they mirror stock index products traded on the Bourse.



#### DAILY SETTLEMENT PRICE PROCEDURES FOR FUTURES CONTRACTS AND OPTIONS ON FUTURES CONTRACTS

#### 1. RULE

Article 6390 of the Rules of Bourse de Montréal Inc. (the Bourse) stipulates that:

"The daily settlement price or the closing quotation are determined according to the procedures established by the Bourse for each derivative instrument."

#### 2. SUMMARY

# FUTURES CONTRACT AND OPTIONS ON FUTURES CONTRACT DAILY SETTLEMENT PRICES

- These markets use an average price during the last minutes of trading to establish a single settlement price. These calculations are executed manually by market officials or, as the case may be, by an automated algorithm using pre-established guidelines for each product.
- The prices at which block trades, Exchange for Physical (EFP), Exchange for Risk (EFR) or Substitution transactions are arranged shall not be used to establish the open, high, low or daily settlement price.

#### 3. OBJECTIVES

The objectives of establishing daily settlement prices are:

- Ensure a fair and orderly market close and pricing for approved participants so that they can properly mark-to-market their positions for margin calculations and back office processing, including the clearing and settlement of their transactions ;
- Ensure that the Canadian Derivatives Clearing Corporation (CDCC) and all market participants are informed of the settlement prices.

#### 4. DESCRIPTION

#### 4.1 THREE-MONTH CANADIAN BANKERS' ACCEPTANCE FUTURES CONTRACTS (BAX)

The daily settlement price procedure for the Three-Month Canadian Bankers' Acceptance Futures contract (BAX) is executed by a fully automated pricing algorithm which utilizes the parameters described in sections 4.1.1, 4.1.2 and 4.1.3 to ensure accuracy in the process.

#### **DEFINITIONS:**

"**Regular orders**": Orders routed by approved participants to the Montréal Exchange trading system.

"**Implied orders**": Orders generated by the implied pricing algorithm (using regular orders) and registered in the order book by the trading engine.

### 4.1.1 IDENTIFICATION OF THE FRONT QUARTERLY CONTRACT MONTH

The automated daily settlement pricing algorithm identifies the front quarterly contract month from the first two quarterly contract months. The front quarterly contract month is the one, among the first two quarterly contract months, that has the largest open interest and the required market information. In the absence of both these criteria together, then the front quarterly contract month shall be determined by market officials based on available market information.

#### 4.1.2 ALGORITHM UTILIZED FOR THE DETERMINATION OF THE DAILY SETTLEMENT PRICE OF THE FRONT QUARTERLY CONTRACT MONTH

Once the front quarterly contract month has been identified, the automated daily settlement price algorithm will determine the settlement price of the front quarterly contract month according to the following priorities: first, it will use the last three minute weighted average price of cumulated trades amounting to at least 50 contracts on that contract month; if no such average price is available, it will then use the last 30 minute weighted average price of cumulated trades amounting to at least 50 contracts on that contracts on that contract month. Trades resulting from both regular and implied orders will be accounted for in the process. If no such average price is yet available, then the least variation between the bid or offer price that is not as a result of implied orders and the previous day settlement price will be used.

Once the daily settlement price for the front quarterly contract month has been established, it will be verified against the booked orders and if there is a better outright bid or offer that is not as a result of implied orders, the latter will take precedence over the daily settlement price calculated as described in the paragraph above.

#### 4.1.3 PROCEDURE FOR THE DETERMINATION OF THE DAILY SETTLEMENT PRICE OF THE REMAINING BAX CONTRACT MONTHS

Upon completion of the aforementioned steps, the automated daily pricing algorithm will then establish the settlement prices for all other BAX contract months sequentially. The daily settlement prices of all other BAX contract months will be based first on the last three minute outright market (resulting from regular and implied orders) and strategy combination traded weighted average or, if no weighted average price can be determined in this manner, the least variation between the bid and offer for booked orders.

#### 4.1.4 ANCILLARY PROCEDURE

In the absence of any required items to apply the aforementioned procedure, market officials will establish the settlement price based on available market information. They may also disregard any event (trade, bid or offer) which occurs near the end of the regular trading session and which is not compatible with a given settlement price.

In this situation, market officials will keep a record of the criteria used to establish the settlement price.

#### 4.2 FUTURES CONTRACTS ON S&P/TSX INDICES

The settlement price shall be the weighted average of all trades during the closing range. The closing range is defined as the last minute of the trading session for all contract months.

#### 4.2.1 MAIN PROCEDURE

#### Booked orders

If there is an unfilled order with a higher bid or lower offer in an outright month, this bid or offer will override the settlement price obtained from the weighted average. The order must have been posted for 20 seconds or longer prior to the close and its size must be for a total of 10 contracts or more.

#### • Last trades

If there are no trades in the last minute of trading, then the last trade will be taken into account while still respecting posted bids and offers in the market.

#### 4.2.2 FIRST ANCILLARY PROCEDURE

When two contract months and the spread are trading (quarterly calendar roll), the ancillary procedure of this section will apply.

- The front month must be settled first (the establishment of the front month is based on the month with the greatest open interest).
- The spread between the two contract months must be settled next by taking into account the last minute average trading price and by examining the trades executed during the previous 10 minutes.
- The settlement price for the back month or far month is obtained by the difference between the front month settlement price and the value of the spread.

### 4.2.3 SECOND ANCILLARY PROCEDURE

In the absence of the items required to apply the main procedure in 4.2.1 and the ancillary procedure in 4.2.2, the following ancillary procedure will apply.

Market officials will post a settlement price that will reflect the same differential that was applied on the previous day settlement. The settlement price will be adjusted accordingly to respect that contract's previous settlement price.

#### 4.2.4 THIRD ANCILLARY PROCEDURE

In the absence of the items required to apply the main procedure in 4.2.1 and the ancillary procedures in 4.2.2 and in 4.2.3, the following ancillary procedure will apply.

In this situation, market officials will establish the settlement price based on available market information. They may also disregard any event (trade, bid or offer) which occurs near the end of the regular trading session and which is not compatible with a given settlement price.

In this situation, market officials will keep a record of the criteria used to establish the settlement price.

## 4.3 GOVERNMENT OF CANADA BOND FUTURES CONTRACTS

#### 4.3.1 MAIN PROCEDURE

The settlement price shall be the weighted average of all trades during the closing range. The closing range is defined as the last minute of the trading session for all contract months.

#### Booked orders

If there is an unfilled order with a higher bid or lower offer in an outright month, this bid or offer will override the settlement price obtained from the weighted average. This order must have been posted for 20 seconds or longer prior to the close and its size must be for 10 contracts or more.

#### Last trades

If there are no trades in the last minute of trading, then the last trade will be taken into account while still respecting posted bids and offers in the market.

## 4.3.2 FIRST ANCILLARY PROCEDURE

When two contract months and the spread are trading (quarterly calendar roll), the following ancillary procedure will apply.

- The front month must be settled first (the establishment of the front month is based on the month with the greatest open interest).
- The spread between the two contract months must be settled next by taking into account the last minute average trading price and by examining the trades executed during the previous 10 minutes.
- The settlement price for the back month or far month is obtained by the difference between the front month settlement price and the value of the spread.

## 4.3.3 SECOND ANCILLARY PROCEDURE

In the absence of the items required to apply the main procedure in 4.3.1 and the ancillary procedure in 4.3.2, the following ancillary procedure will apply.

Market officials will post a settlement price that will reflect the same differential that was applied on the previous business day. The settlement price will be adjusted accordingly to respect that contract's previous settlement price.

## 4.3.4 THIRD ANCILLARY PROCEDURE

In the absence of the items required to apply the main procedure in 4.3.1 and the ancillary procedures in 4.3.2 and 4.3.3, the following ancillary procedure will apply.

In this situation, market officials will establish the settlement price based on available market information. They may also disregard any event (trade, bid or offer) which occurs near the end of the regular trading session and which is not compatible with a given settlement price.

In this situation, market officials will keep a record of the criteria used to establish the settlement price.

## 4.4 OPTIONS ON THREE-MONTH CANADIAN BANKERS' ACCEPTANCE FUTURES CONTRACTS (OBX)

### 4.4.1 MAIN PROCEDURE

#### 4.4.1.1 Weighted average

The settlement price shall be the weighted average of the prices traded in the closing range (last minute of trading). If there is at the close, a higher bid or lower offer than the settlement price so obtained, that bid or offer shall be the settlement price.

#### 4.4.1.2Last trades

If no trade occurs during the closing range, the market officials will consider transactions executed during the last 30 minutes of trading. Also, to be considered, the bids and offers shall be for a minimum of 25 contracts and shall have been posted at least one minute before the close to be considered.

If no trade occurs in the closing range (or in the last 30 minutes of trading), the settlement price shall be the theoretical price calculated by the Bourse (as described in section 4.4.2). If there is at the close a higher bid or lower offer than the settlement price so obtained, that bid or offer shall be the settlement price.

## 4.4.2 ANCILLARY PROCEDURE

In the absence of the items required to apply the main procedure in 4.4.1, the following ancillary procedure will apply.

The settlement price shall be determined by inserting the following parameters into a standard option pricing model (Black & Scholes):

#### Price of the underlying:

• The Bourse will capture the settlement price of the underlying BAX futures contract. This will be the price of the underlying.

#### Interest rate:

• The interest rate used will be the rate implied by the settlement price of the BAX futures contract nearest to expiration.

#### Volatility:

• The Bourse will use the implied volatility (per contract month, for puts and calls) obtained from the acting Market Maker. The same volatility will be applied for both calls and puts.

The strike price of the options' series and the time to expiration are the other parameters that will be inserted into the model.

In determining the closing price, the Bourse shall take into account the information provided by the posted strategy, for example; if the SEP 9200 straddle is 98 bid, the total of the closing prices of these two series should not be inferior to 98.

### 4.5 30-DAY OVERNIGHT REPO RATE FUTURES CONTRACTS (ONX)

#### 4.5.1 MAIN PROCEDURE

The settlement price shall be the weighted average of all trades during the closing range. The closing range is defined as the last three minutes of the trading session for all contract months.

#### 4.5.1.1 Weighted average of closing range trades

The weighted average will be derived from trades that occurred in the outright months during the closing range. The total volume traded in each outright month must be for 25 or more contracts.

### 4.5.1.2 Booked orders

If there is an unfilled order with a higher bid price or lower offer price in a month, this bid or offer will override the settlement price obtained from the weighted average. This order must have been posted for 15 seconds or longer prior to the close and its size must be for a total of 25 or more contracts in each of the months.

### 4.5.1.3 Remaining balances of booked orders partially executed at the close

In the case of a booked order as stipulated in paragraph 4.5.1.2 above, which would be only partially executed, the trades during the closing

period as well as the remaining balance of booked orders will be considered to establish the settlement price.

Example 1: If there is a booked order for 25 ONX contracts at 97.92 and 15 of those contracts are executed, the 10 remaining contracts, if they are still present on the market at the same price, will be considered to establish the required minimum of 25 contracts.

Example 2: If there is a trade of 15 ONX contracts during the closing period at 97.92 and there is a booked order bid for 10 ONX contracts at 97.91 (respecting the required time limit), the bid will be considered in addition to the trades in the closing period to establish a settlement price.

#### 4.5.1.4 Strips and spreads

All trades and unfilled booked orders for strips and spreads related to any expiry months will be ignored.

### 4.5.2 FIRST ANCILLARY PROCEDURE

In the absence of the items required to apply the main procedure in 4.5.1, the following ancillary procedure will apply.

#### 4.5.2.1 Weighted average of trades on strategies

The settlement price shall be the weighted average of the trades on the strategies traded during the last five minutes provided the volume for the strategy taken into account was of 25 or more contracts.

### 4.5.2.2 Booked orders

If there is an unfilled order with a higher bid or lower offer, this bid or offer will override the settlement obtained from the weighted average described in 4.5.2.1. It has to have been posted for three minutes or longer prior to the close and the size must be for 25 or more contracts.

### 4.5.3 SECOND ANCILLARY PROCEDURE

In the absence of the items required to apply the main procedure in 4.5.1 and the ancillary procedure in 4.5.2, the following ancillary procedure will apply.

### 4.5.3.1 Differential with the previous contract month's settlement price

The settlement price will be defined by a price that reflects an appropriate differential with the settlement price of the previous contract month always starting with the contract month closest to expiry.

#### 4.5.3.2 Conflicts between spreads

If two spreads are in conflict, the calendar spread closest to expiry will have priority.

## 4.5.4 THIRD ANCILLARY PROCEDURE

In the absence of the items required to apply the main procedure in 4.5.1 and the ancillary procedures in 4.5.2 and 4.5.3, the following ancillary procedure will apply.

In this situation, market officials will establish the settlement price based on the available market information. They may also disregard any event (trade, bid or offer) which occurs near the end of the regular trading session and which is not compatible with a given settlement price.

In this situation, market officials will keep a record of the criteria used to establish the settlement price.

### 4.6 FUTURES CONTRACT ON CARBON DIOXIDE EQUIVALENT (CO<sub>2</sub>e) UNITS

### 4.6.1 MAIN PROCEDURE

The settlement price shall be the weighted average of all traded prices during the closing range. The closing range is defined as the last fifteen minutes of the trading session for all contract expiries.

### Booked orders

If there is an unfilled order with a higher bid or lower offer in a particular contract expiry, this bid or offer will override the settlement price obtained from the weighted average. This order must have been posted for 20 seconds or longer prior to the close and its size must be for 10 contracts or more.

### Last trades

If there are no trades in the last fifteen minutes of trading, then the last trade will be taken into account while still respecting posted bids and offers in the market.

## 4.6.2 FIRST ANCILLARY PROCEDURE

When two contracts expiries and the spread are trading (calendar roll), the following ancillary procedure will apply.

- The contract having the earliest expiry must be settled first.
- The spread between the two contracts must be settled next by taking into account the last fifteen minutes average trading price and by examining the trades executed during the previous 30 minutes.
- The settlement price for the far-dated contracts corresponds to the difference between the settlement price of the contract having the earliest expiry and the value of the spread.

### 4.6.3 SECOND ANCILLARY PROCEDURE

In the absence of the items required to apply the main procedure in 4.6.1 and the ancillary procedure in 4.6.2, the following ancillary procedure will apply.

Market officials will post a settlement price that will reflect the same differential that was applied on the previous trading day. The settlement price will be adjusted accordingly to respect that contract's previous settlement price.

## 4.6.4 THIRD ANCILLARY PROCEDURE

In the absence of the items required to apply the main procedure in 4.6.1 and the ancillary procedures in 4.6.2 and 4.6.3, the following ancillary procedure will apply.

In this situation, market officials will establish the settlement price based on available market information. They may also disregard any event (a trade, a bid or an offer) which occurs near the end of the regular trading session and which is not compatible with a given settlement price.

Market officials will register in the "daily settlement price record" the criteria considered for determining the settlement price.



## PROCEDURES FOR THE CANCELLATION OF TRADES

#### 1. APPLICABLE RULES

The procedures herein are consistent with and refer to the following Rule Six articles of the Bourse:

- 6303 Validation, alteration or cancellation of a trade
- 6381 Cancellation of Trades
- 6383 Acceptable Market Price
- 6384 Decision by the Market Supervisor of the Bourse
- 6385 Delays of Decision and Notifications

#### 2. SUMMARY OF THE RELATED RULES

In order to maintain a fair and equitable market, trades may be cancelled by a vice-president or a senior vice-president of the Bourse if such transactions are detrimental to the normal operation or quality of the market or in any other circumstance deemed appropriate considering market conditions at the time of the trade or if the parties involved in the trade agree to the cancellation.

#### 3. OBJECTIVE

The objective of the procedures described herein is:

• To ensure that all transactions are executed at a price coherent with prevailing market conditions (integrity) and to ensure that input errors can be corrected.

#### 4. DESCRIPTION

#### 4.1. DETECTION AND DELAYS

Market participants have the responsibility to identify without delay erroneous trades. As soon as an erroneous transaction resulting from an entry error is identified, the approved participant must advise a Market Supervisor of the Bourse by calling the Market Operations Department of the Bourse at 514 871-7871 or 1-888-693-6366. A Market Supervisor will then contact the counterparties to the trade in order to reach an agreement within the 15 minutes that follow the execution of the transaction as prescribed by article 6381 of the Rules of the Bourse.

### 4.2. IMPLIED SPREAD ORDERS

"Regular orders": Orders routed by approved participants to the Montréal Exchange trading system.

"**Implied orders**": Orders generated by the implied pricing algorithm (using regular orders) and registered in the order book by the trading engine.

A spread trade resulting from an implied spread order is in reality constituted from each of the individual legs regular outright orders. For the purpose of this procedure, an erroneous trade occurring on an implied spread order will be treated as if the spread trade was executed using regular posted orders of each individual leg separately.

As a result, the prescribed increment utilized to establish the No Cancel Range to adjust an erroneous spread trade resulting from an implied spread order will be at least the increment on one of the individual legs (5 basis points) and at the most, the sum of each individual legs' increments (10 basis points).

## 4.3. VALIDATION – NO CANCEL RANGE

In order to maintain market integrity, when a transaction outside the No Cancel Range is identified by Market Supervisors, the parties involved will be contacted within a reasonable delay by the Market Operations Department of the Bourse in order to adjust the trade price within the No Cancel Range.

When any potential erroneous trade is brought to the attention of a Market Supervisor by a market participant, the Market Supervisor will determine whether the trade price is in the No Cancel Range for the particular derivative instrument.

The No Cancel Range is defined as the price interval within which a trade cannot be cancelled. To establish the No Cancel Range, Market Supervisors:

• Determine, in accordance with article 6383 of the Rules, what was the acceptable market price for the derivative instrument was before the trade occurred. In making that determination, the Market Supervisor will consider all relevant information, including the last trade price, a better bid or offer, a more recent price for a related derivative instrument (for example a different expiry month) and the prices of similar derivative instruments trading on other markets;

| DERIVATIVE INSTRUMENT                    | INCREMENT                                  |
|--|--|
| Three-Month Canadian Banker's Acceptance | 5 basis points                             |
| Futures – BAX (all quarterly and serial  |  |
| months)                                  |  |
| Three-Month Canadian Banker's Acceptance |  |
| Futures – BAX SPREADS:                   |  |
| - Regular spread orders                  | 5 basis points                             |
| - Implied spread orders                  | 5 to 10 basis points; sum of the spread's  |
|  | individual legs' increments.               |
| Options on Three-Month Canadian Banker's | 5 basis points                             |
| Acceptance Futures – OBX                 |  |
| Government of Canada Bonds Futures       | 20 basis points                            |
| Options on Governement of Canada Bonds   | 20 basis points                            |
| Futures                                  |  |
| Futures Contracts on S&P/TSX Indices     | 1% of the acceptable market price of these |
|  | futures contracts                          |

• Apply (add and deduct) the following increments to the acceptable market price:

| DERIVATIVE INST            | RUMENT             | INCREMENT       |
|----------------------------|--------------------|-----------------|
| Options on S&P/TSX Indices |                    | 0.5 index point |
| First three serial months  |                    |                 |
| Options on S&P/TSX Indices |                    | 1 index point   |
| Next two quarterly months  |                    |                 |
| EQUITY OPTIONS             |                    |                 |
| PRICE RANGES:              | \$0.00 to \$5.00   | \$0.10          |
|                            | \$5.01 to \$10.00  | \$0.25          |
|                            | \$10.01 to \$20.00 | \$0.50          |
|                            | \$20.00 up         | \$0.75          |
| SPONSORED OPTIONS          |                    |                 |
| PRICE RANGES:              | \$0.001 to \$0.99  | \$0.25          |
|                            | \$1.00 up          | \$0.50          |
| SINGLE STOCK FUTURES       | •                  | \$2.00          |

# 4.4. TRADE PRICE INSIDE THE NO CANCEL RANGE

If the Market Supervisor determines that the price of the reported erroneous trade was inside the No Cancel Range, then the trade will be maintained and no further action will be taken unless the counterparty to the erroneous trade has agreed to cancel it.

Erroneous transactions, for which there has been consent between the parties to cancel, may be cancelled within the trading session (early, regular or extended) during which they have occurred.

# 4.5. TRADE PRICE OUTSIDE THE NO CANCEL RANGE

If the Market Supervisor determines that the price of the erroneous trade is outside the No Cancel Range, then all parties involved in the transaction will be contacted and advised of the situation.

The transaction will be cancelled if all parties involved are in agreement.

The transaction will not be cancelled if one of the parties involved refuses. The residual trades (the ones not cancelled) will be readjusted to the limit of the No Cancel Range. In such a case, if the transaction involved a linked implied order, the initiator of the original error trade will take responsibility for the outcome. The error initiator may therefore have to take ownership of market positions for the directly resulting trades in the other linked contracts.

The Market Operations Department of the Bourse will adjust erroneous transactions in the best possible way. The main objective when adjusting erroneous trades is to minimize the impact for all market participants involved in the erroneous transaction and more particularly those who had a regular order in the order book.

# 4.6. OTHER SITUATIONS JUSTIFYING THE CANCELLATION OF TRANSACTIONS

The Market Operations Department of the Bourse will review all circumstances surrounding a transaction to determine whether the trade occurred in accordance with the rules of the Bourse. The factors that will be considered include, among other things, the market conditions immediately before and after the trade was executed; the volatility of the market; the prices of

related instruments in other markets and the fact that one or many parties to the transaction consider that it was executed at a valid price.

In the case of a system failure, it is possible that the Bourse's automated trading system will freeze with orders queuing and waiting to be processed. Once the problem is resolved, the market will be placed into a pre-opening phase during which trading in each derivative instrument will be halted in order to modify the opening time parameters. This pre-opening phase will allow market participants to modify orders and will ensure that the system failure does not impact the integrity of the market. Nevertheless, when the system is not frozen, pending orders could be executed before the Bourse can halt the derivative instruments. In such circumstances, Market Supervisors could have to cancel trades resulting from such executions.

# 4.7. MULTIPLE MARKET MAKER TRANSACTIONS ON EQUITY, INDEX AND BOND OPTIONS

A Market Supervisor may also cancel transactions under the following conditions:

- 1. Multiple consecutive transactions can be cancelled if they consist of four (4) or more transactions against one market maker provided that:
  - all transactions were executed within a one (1) second interval;
  - the opposite side of the transactions consists of one or several market makers.
- 2. The market maker involved in the four (or more) transactions contacted a Market Supervisor at 514 871-7877 or 1-866-576-8836 within one (1) minute of the execution time of the multiple consecutive transactions, to request their cancellation.

## 4.8. DECISION

A decision to cancel or to refuse to cancel will be rendered by a Market Supervisor within 30 minutes following the cancellation request.

If the decision is to cancel the trade, the Market Supervisor will remove the trade from the records. Furthermore, if "stop" orders were triggered and therefore executed as a result of the cancelled trade, then these "stop" trades will also be cancelled and the "stop" orders will have to be re-instated in the order book by the initiators of such orders. Trade cancellation messages will be disseminated.

When a transaction is cancelled, if it originated from a regular order posted in the order book, the original price/time priority (FIFO) will not be maintained if the initiator of the original order wishes to re-instate his order after the cancellation. This cancelled order shall therefore be reentered in the trading system by the initiator of the original order. This new order entry time will be the official entry time of the re-instated order.

If the Market Supervisor's decision is to not cancel the trade, the parties to the transaction can not themselves decide to cancel it by making a position transfer through the Canadian Derivatives Clearing Corporation.

# SCF - S&P/TSX Composite Index Mini Futures Contract

| Underlying                     | The S&P/TSX Composite index is a capitalization-<br>weighted index designed to measure the market activity of<br>stocks listed on the Toronto Stock Exchange. |
|--------------------------------|---|
| Trading Unit                   | C\$5 times the level of the S&P/TSX Composite Index Mini futures contract.  |
| Contract Months                | March, June, September and December.  |
| Price Quotation                | Quoted in index points.   |
| Price Fluctuation              | 5 index points for outright positions and   |
|                                | 1 index point for calendar spreads  |
| Last Trading Day               | The trading day preceding the Final Settlement Day.   |
| Final Settlement Day           | The 3rd Friday of the contract month, providing it be a business day; if not, the 1st preceding business day.   |
| Settlement                     | Cash settlement. The final settlement price is the Official Opening Level of the underlying index on the Final Settlement Day.                                |
| Reporting Level                | 1 000 contracts gross long or gross short in all contract months combined as specified in Rule Fifteen of the Bourse.   |
| Position Limits                | 72 000 contracts as specified in Rule Fifteen of the Bourse.  |
| Minimum Margin<br>Requirements | Information on Minimum Margin Requirements can be obtained from the Bourse as they are subject to periodic changes.   |
| Price Limits / Trading Halt    | A trading halt in the index futures contract will be invoked<br>in conjunction with the triggering of "circuit breakers" in<br>the underlying stocks.         |
| Trading Hours                  | 9:30 a.m. to 4:15 p.m. (Montreal Time)  |
| Clearing Corporation           | Canadian Derivatives Clearing Corporation (CDCC).   |
| Ticker Symbol                  | SCF   |