

NOTICE TO MEMBERS

No. 2023 - 145

December 4, 2023

AMENDMENT TO THE LIST OF FEES OF CANADIAN DERIVATIVES CLEARING CORPORATION (EFFECTIVE JANUARY 1st, 2024)

Canadian Derivatives Clearing Corporation ("CDCC") hereby announces the following amendment to its List of Fees effective 1 January 2024:

Section 1: Clearing fees per contract, per side – Options and Futures

Sub-section 1.1: Addition of SXF and SXM contracts fees increased from \$0.22 to \$0.26.
Sub-section 1.2: Addition of SXF and SXM contracts.
Sub-section 1.3: Addition of SXF and SXM contracts and fees increased from \$0.11 to \$0.18.
Sub-section 1.4: Addition of SXF and SXM contracts.
Sub-section 1.7: fees increased from \$0.10 to \$0.11.
Sub-section 1.8 is removed.
Sub-section 1.10: fees increased from \$0.11 to \$0.18.

Section 4: Clearing fees, per day – Fixed Income Transactions (Tenor of Original Trade Submitted)

The Tenor of Original Trade Submitted increased from:

Sub-section 4.1: 0.7 bps to 0.81 bps for direct clearing members and from 0.175 bps to 0.2 bps for limited clearing members.

Sub-section 4.2: 0.4 bps to 0.46 bps for direct clearing members and from 0.1 bps to 0.12 bps for limited clearing members.

Sub-section 4.3: 0.3 bps to 0.35 bps for direct clearing members and from 0.075 bps to 0.09 bps for limited clearing members.

Section 5: Fixed Income Transactions Processing Fees

The processing fee has increased from \$2.50 to \$3.00 for Repurchase Transactions and from \$1.25 to \$1.50 for Cash Transactions Fees has increased.

Section 10: Fee cap on exercise fees – "Converge" & Options

A note has been added to indicate that the Fee cap is applicable on an individual exercise basis, not on aggregate basis.

Section 16: BAX conversion fees per contract

Addition of a "BAX conversion fees per contract" section applicable to each BAX contract being converted into a CRA contract on the conversion date.

The new List of Fees in blackline and clean version is attached for your information.

If you have any questions or concerns, please contact CDCC's Corporate Operations department or direct your email inquiries to <u>CDCC-OPS@tmx.com</u>.

Jean-François Bertrand Chief Operating Officer

1. Clearing fees per contract, per side - Options and Futures

| Clearing fees per contract, per side - Options and Futures | | | Fees | | |
|--|--------------------------|---|------|-------------------|--|
| 1.1 | Client - Interest Rate D | erivatives, SXF and SXM | \$ | 0.26 | |
| 1.2 | Client - All other excep | t Interest Rate Derivatives, SXF, SXM, sector index futures | \$ | 0.20 | |
| | and Share Futures when | n transaction size ≥ 100 contracts | | | |
| 1.3 | Clearing Member - Inte | rest Rate Derivatives, SXF and SXM | \$ | 0.18 | |
| 1.4 | Clearing Member - All | other except Interest Rate Derivatives, SXF, SXM, sector | \$ | 0.10 | |
| | index futures and Share | Futures when transaction size ≥ 100 contracts | | | |
| 1.5 | Market maker - options | only | \$ | 0.10 | |
| .6 | Volume rebate program | n participant - Interest Rate Derivatives* | \$ | 0.11 | |
| .7 | Volume rebate program | n participant - All other products* | \$ | 0.11 | |
| .8 | Minimum clearing fee- | -per month | | 500 \$ | |
| .8 | Share Futures (Client a | nd Clearing Members - when transaction size ≥ 100 contracts) | | see below | |
| | The clearing fee per con | | | | |
| | formula (rounded to tw | | | | |
| | Trade price X Contract | | | | |
| | 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 | | | |
| .9 | Sector Index Futures | | | see below | |
| | The clearing fee per con | | | | |
| | formula (rounded to tw | | | | |
| | Trade price X Contract | | | | |
| | 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 | | | |
| .10 | Primary dealer program | participant (On eligible products) | \$ | 0.18 | |

* To qualify for the Program, a minimum number of contracts of any MX products must be traded. Please refer to the Terms and Conditions for further details.

2. Fee cap on Clearing Member fees

Fee cap program is applicable on cross transactions and pre-arranged transactions in zero-second exceeding the thresholds specified below, per leg, per Clearing Member.

| Contract | Size per trade | Clearing fees |
|---|--------------------|-------------------------------|
| Equity / Options * | 5 000 J J J J | \$ 0.10 and at \$ 500 /1a |
| ETF / Options * | 5,000 + contracts | \$ 0.10 cap at \$ 500 / leg |
| Index / Options (except SXO Standard and SXO Mini) ** | 10,000 + contracts | \$ 0.10 cap at \$ 1,000 / leg |
| Currency / Options ** | | |

** Fee cap is applicable on an individual transaction basis, not on aggregate basis.

3. Fee cap on Client fees

Fee cap program is applicable on cross transactions and pre-arranged transactions in zero-second exceeding the thresholds specified below, per leg, per Client.

| Contract | Size per trade | Clearing fees |
|---|--------------------|------------------------------|
| Equity / Options * | 5.000 + contracts | \$ 0.20 cap at \$ 1,000 / le |
| ETF / Options * | 5,000 + contacts | \$ 0.20 cap at \$ 1,000 / it |
| Index / Options (except SXO Standard and SXO Mini) ** | 10,000 + contracts | \$ 0.20 cap at \$ 2,000 / le |
| Currency / Options ** | | |

** Fee cap is applicable on an individual transaction basis, not on aggregate basis.

4. Clearing fees, per day - Fixed Income Transactions (Tenor of Original Trade Submitted)

| (10101 | or original reade submitted) |
|--------|---|
| 4.1 | 1-3 days - Repurchase Transactions |
| 4.2 | 4-7 days - Repurchase Transactions |
| 4.3 | 8 days or greater - Repurchase Transactions |

| Clearing fees | | | |
|-------------------------------|--|--|--|
| \$ 0.20 cap at \$ 1,000 / leg | | | |
| \$ 0.20 cap at \$ 2,000 / leg | | | |

Direct clearing member

Limited clearing member

0.0081% (or 0.81 bps) 0.002% (or 0.2 bps) 0.0046% (or 0.46 bps) 0.0012% (or (0.12 bps) 0.0035% (or 0.35 bps) 0.0009% (or 0.09 bps)

5. Fixed Income Transactions Processing Fees

CDCC will be charging the following processing fees for every record received from CDS and for every fixed income position created from a future's tender process into a physical bond delivery/receive. Physical deliveries/receives stemming from a tendered future will be considered as cash transaction(s) for the purpose of the processing fees.

6. Revenue sharing arrangement

| 6.1 | Band 1: Less than \$5M in Fixed Income revenues* | |
|-----|---|--|
| 6.2 | Band 2: Between \$5M and \$6,999,999 in Fixed Income revenues* | |
| 6.3 | Band 3: Between \$7M and \$12,499,999 in Fixed Income revenues* | |
| 6.4 | Band 4: Greater than \$12,5M in Fixed Income revenues* | |

* For the purposes of the revenue sharing arrangement, Fixed Income revenues includes: Fixed income clearing fees, fixed income transaction processing fees, less CDS settlement costs, less costs associated with its Daylight Credit Arrangements (DCA)

7. Clearing fees per contract, per side - Off Exchange ("Converge")

| 7.1 | Client | 1 | \$ |
|-----|-----------------|---|----|
| 7.2 | Clearing Member | | \$ |

8. Fee cap on Off Exchange ("Converge")

| | | Size per trade | Clearing fees |
|------------|-----------|--------------------|-------------------------------|
| 8.1 Client | | 10,000 + contracts | \$ 0.70 cap at \$ 7,000 / leg |
| 8.2 Cleari | ng Member | 10,000 + contracts | \$ 0.30 cap at \$ 3,000 / leg |

Fee cap is applicable on an individual transaction basis, not on aggregate basis

9. Exercise fees per contract, - "Converge" & Options

| 9.1 | Client | \$ | 0.37 |
|-----|-----------------------------------|----|------|
| 9.2 | Clearing Member | \$ | 0.37 |
| 9.3 | Market maker | \$ | 0.37 |
| 9.4 | Volume rebate program participant | \$ | 0.37 |

10. Fee cap on exercise fees - "Converge" & Options

| | | Size per trade | Exercise fees |
|------|--------------------------------------|-------------------|-----------------------|
| 10.1 | Client | 1,000 + contracts | \$ 0.37 cap at \$ 370 |
| 10.2 | Clearing Member | 1,000 + contracts | \$ 0.37 cap at \$ 370 |
| 10.3 | Market maker | 1,000 + contracts | \$ 0.37 cap at \$ 370 |
| 10.4 | Volume rebate program participant | 1,000 + contracts | \$ 0.37 cap at \$ 370 |

Fee cap is applicable on an individual exercise basis, not on aggregate basis

Cash Transactions Repurchase Transactions \$3.00 \$1.50

Share of revenue returned to **Clearing Members**

| 0% |
|-----|
| 20% |
| 30% |
| 50% |

0.70 0.30

11. Tender fees per contract - Futures

| 11.1 | Client | \$ | 0.37 |
|------|-----------------------------------|----|------|
| 11.2 | Clearing Member | \$ | 0.37 |
| 11.3 | Volume rebate program participant | \$ | 0.37 |

12. Fee cap on tender fees - Share Futures

| | | Size per tender operation | Tender fees |
|------|-----------------|---------------------------|-------------------------|
| 12.1 | Client | 250 + contracts | \$ 0.37 cap at \$ 92.50 |
| 12.2 | Clearing Member | 250 + contracts | \$ 0.37 cap at \$ 92.50 |

0.05 0.05 0.05 0.05

60

0.60 0.60 0.60

\$0.10 cap at \$10,000 / month

13. Position transfer fees per contract, per side

| 13.1 | Client |] | \$ |
|------|-----------------------------------|---|----|
| 13.2 | Clearing Member | | \$ |
| 13.3 | Market maker | | \$ |
| 13.4 | Volume rebate program participant | | \$ |

14. Position change submission (PCS) fees per contract

14.1 Position Change Submission (PCS) fee*

*Applicable on final adjusted quantity submitted using PCS functionality

15. Data service ***

| | | |
|------|---|------|
| 15.1 | Trade Reconciliation file - per month | \$ |
| 15.2 | Series Information file - Clearing Member - per month | \$ |
| 15.3 | Series Information file - Non-Clearing Member - per month | \$ |
| 15.4 | VPN access - per encryption connection | \$ |
| 15.5 | VPN access - direct access | \$ |
| 15.6 | Online Sub Account Inquiry terminal of a member | |
| | 15.6.1 Per month - 9 users and less | \$ |
| | 15.6.2 Per month - 10 users and more | \$ |
| | | |

*** Volume discounts are available to Clearing Members only depending on the number of files delivered each month. Monthly fees are as follows: first file - \$500/month, second file - \$450/month and third file - \$400/month, no fee for other files.

16. Authorization Stamps

16. BAX conversion fees per contract*

| 16.1 | Client | \$ |
|------|---|----|
| 16.2 | Clearing Member | \$ |
| 16.3 | Volume rebate program participant | \$ |
| | *Applicable to each BAX contract being converted into a CRA contract on the | |

conversion date.

17. Miscellaneous Fees related to Physical Settlement of Securities and Standby facilities

CDCC will be recovering from Clearing Members, active in the physical settlement of Fixed Income Transactions and Fixed Income Futures contracts, the costs associated with its Commercial Bank Overnight Liquidity Arrangements (CBOLA). These costs will be payable quarterly, in arrears and will be due on the first business day of the calendar month. The amount payable by each Clearing Member will be based on the pro rate share of CDCC's quarterly CBOLA costs and will be pro rated across all Clearing Members that had net purchasing positions in Fixed Income securities through the CDCC CCP facilities.

The costs of this facility is subject to change as CDCC's credit providers may adjust the cost of this facility from time to time.

CDCC will also recover its Syndicated Revolving Standby Facility costs from Clearing Members based on their pro rata respective liquidity profile compared to all other Clearing Members.

The fee is charged quarterly based on previous quarter's activity.

More specifically, the following formula is used:

Individual CDCC Clearing Member liquidity exposure during the previous quarter / Total of all Clearing Members' liquidity exposure during the previous quarter X the Annual Fees charged to CDCC for the Syndicated Revolving Stand-by Facility

TERMS AND CONDITIONS

- 1. Any billing document (invoice, transaction report, etc.) must be verified without delay. The CDCC must be advised in writing of any error or omission within thirty (30) days following the document date.
- 2. 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.

Approved by :

Date :

1. Clearing fees per contract, per side - Options and Futures

| Clear | ing fees per contract, pe | r side - Options and Futures | | Fees |
|-------|-----------------------------------|--|----|-----------|
| 1.1 | Client - Interest Rate D | Perivatives, SXF and SXM | \$ | 0.26 |
| 1.2 | Client - All other excer | ot Interest Rate Derivatives, SXF, SXM, sector index futures | \$ | 0.20 |
| | and Share Futures whe | n transaction size ≥ 100 contracts | | |
| 1.3 | Clearing Member - Inte | erest Rate Derivatives, SXF and SXM | \$ | 0.18 |
| 1.4 | Clearing Member - All | other except Interest Rate Derivatives, SXF, SXM, sector | \$ | 0.10 |
| | index futures and Share | e Futures when transaction size ≥ 100 contracts | | |
| .5 | Market maker - options | s only | \$ | 0.10 |
| .6 | Volume rebate program | n participant - Interest Rate Derivatives* | \$ | 0.11 |
| .7 | Volume rebate program | n participant - All other products* | \$ | 0.11 |
| .8 | Share Futures (Client a | nd Clearing Members - when transaction size ≥ 100 contracts) | | see below |
| | The clearing fee per co | ntract, per side will be calculated according to the following | | |
| | formula (rounded to tw | vo decimals): 0.00008 x (Maturity 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 | | |
| .9 | Sector Index Futures | | | see below |
| | | ntract, per side will be calculated according to the following | | |
| | ` | rounded to two decimals): 0.00004 x (Maturity 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 | | |
| .10 | Primary dealer program | n participant (On eligible products) | \$ | 0.18 |

* To qualify for the Program, a minimum number of contracts of any MX products must be traded. Please refer to the Terms and Conditions for further details.

2. Fee cap on Clearing Member fees

Fee cap program is applicable on cross transactions and pre-arranged transactions in zero-second exceeding the thresholds specified below, per leg, per Clearing Member.

| Contract | Size per trade | Clearing fees |
|---|--------------------|-------------------------------|
| Equity / Options * | 5 000 L contracto | \$ 0.10 corr at \$ 500 / lag |
| ETF / Options * | 5,000 + contracts | \$ 0.10 cap at \$ 500 / leg |
| Index / Options (except SXO Standard and SXO Mini) ** | 10,000 + contracts | \$ 0.10 cap at \$ 1,000 / leg |
| Currency / Options ** | | |

** Fee cap is applicable on an individual transaction basis, not on aggregate basis.

3. Fee cap on Client fees

Fee cap program is applicable on cross transactions and pre-arranged transactions in zero-second exceeding the thresholds specified below, per leg, per Client.

| Contract | Size per trade | Clearing fees | |
|---|--------------------|-------------------------------|--|
| Equity / Options * | 5 000 Locateste | \$ 0.20 com at \$ 1.000 / log | |
| ETF / Options * | 5,000 + contracts | \$ 0.20 cap at \$ 1,000 / leg | |
| Index / Options (except SXO Standard and SXO Mini) ** | 10,000 + contracts | \$ 0.20 cap at \$ 2,000 / leg | |
| Currency / Options ** | | | |

** Fee cap is applicable on an individual transaction basis, not on aggregate basis.

4. Clearing fees, per day - Fixed Income Transactions

(Tenor of Original Trade Submitted)

| 4.1 | 1-3 days - Repurchase Transactions |
|-----|---|
| 4.2 | 4-7 days - Repurchase Transactions |
| 4.3 | 8 days or greater - Repurchase Transactions |

5. Fixed Income Transactions Processing Fees

CDCC will be charging the following processing fees for every record received from CDS and for every fixed income position created from a future's tender process into a physical bond delivery/receive. Physical deliveries/receives stemming from a tendered future will be considered as cash transaction(s) for the purpose of the processing fees.

6. Revenue sharing arrangement

| 6.1 | Band 1: Less than \$5M in Fixed Income revenues* |] | |
|-----|---|---|--|
| 6.2 | Band 2: Between \$5M and \$6,999,999 in Fixed Income revenues* | | |
| 6.3 | Band 3: Between \$7M and \$12,499,999 in Fixed Income revenues* | | |
| 6.4 | Band 4: Greater than \$12,5M in Fixed Income revenues* |] | |

* For the purposes of the revenue sharing arrangement, Fixed Income revenues includes: Fixed income clearing fees, fixed income transaction processing fees, less CDS settlement costs, less costs associated with its Daylight Credit Arrangements (DCA)

7. Clearing fees per contract, per side - Off Exchange ("Converge")

| 7.1 | Client | [| \$ |
|-----|-----------------|---|----|
| 7.2 | Clearing Member | | \$ |

8. Fee cap on Off Exchange ("Converge")

| | | Size per trade | Clearing fees |
|-----|-----------------|--------------------|-------------------------------|
| 8.1 | Client | 10,000 + contracts | \$ 0.70 cap at \$ 7,000 / leg |
| 8.2 | Clearing Member | 10,000 + contracts | \$ 0.30 cap at \$ 3,000 / leg |

Fee cap is applicable on an individual transaction basis, not on aggregate basis

9. Exercise fees per contract, - "Converge" & Options

| 9.1 | Client |] [| \$ 0.37 |
|-----|-----------------------------------|-----|------------|
| 9.2 | Clearing Member |] [| \$ 0.37 |
| 9.3 | Market maker | 1 [| \$ 0.37 |
| 9.4 | Volume rebate program participant |] [| \$ 0.37 |

10. Fee cap on exercise fees - "Converge" & Options

| | | Size per trade | Exercise fees |
|------|--------------------------------------|-------------------|-----------------------|
| 10.1 | Client | 1,000 + contracts | \$ 0.37 cap at \$ 370 |
| 10.2 | Clearing Member | 1,000 + contracts | \$ 0.37 cap at \$ 370 |
| 10.3 | Market maker | 1,000 + contracts | \$ 0.37 cap at \$ 370 |
| 10.4 | Volume rebate program participant | 1,000 + contracts | \$ 0.37 cap at \$ 370 |

Fee cap is applicable on an individual exercise basis, not on aggregate basis

Direct clearing member Limited clearing member

 0.0081% (or 0.81 bps)
 0.002% (or 0.2 bps)

 0.0046% (or 0.46 bps)
 0.0012% (or (0.12 bps)

0.0009% (or 0.09 bps)

Repurchase Transactions Cash Transactions

| reputenase transactions | |
|-------------------------|--------|
| \$3.00 | \$1.50 |

0.70 0.30

Share of revenue returned to Clearing Members

0.0035% (or 0.35 bps)

| 0% |
|-----|
| 20% |
| 30% |
| 50% |

11. Tender fees per contract - Futures

| 1 | 1.1 | Client | \$ | 0.37 |
|---|-----|-----------------------------------|----|------|
| | 1.2 | Clearing Member | \$ | 0.37 |
| | 1.3 | Volume rebate program participant | \$ | 0.37 |

12. Fee cap on tender fees - Share Futures

| | | Size per tender operation | Tender | lees |
|------|------------------------------|---------------------------|----------------|-------------|
| 12.1 | Client | 250 + contracts | \$ 0.37 cap at | \$ 92.50 |
| 12.2 | Clearing Member | 250 + contracts | \$ 0.37 cap at | \$ 92.50 |
| | on transfer fees per contrac | t per side | | + / = . • • |

13.

| 13.1 | Client | \$ | 0.05 |
|------|-----------------------------------|----|------|
| 13.2 | Clearing Member | \$ | 0.05 |
| 13.3 | Market maker | \$ | 0.05 |
| 13.4 | Volume rebate program participant | \$ | 0.05 |

\$0.10 cap at \$10,000 / month

14. Position change submission (PCS) fees per contract

14.1 Position Change Submission (PCS) fee* *Applicable on final adjusted quantity submitted using PCS functionality

15. Data service ***

| 15.1 | Trade Reconciliation file - per month | \$ |
|------|---|----|
| 15.2 | Series Information file - Clearing Member - per month | \$ |
| 15.3 | Series Information file - Non-Clearing Member - per month | \$ |
| 15.4 | VPN access - per encryption connection | \$ |
| 15.5 | VPN access - direct access | \$ |
| 15.6 | Online Sub Account Inquiry terminal of a member | |
| | 15.6.1 Per month - 9 users and less | \$ |
| | 15.6.2 Per month - 10 users and more | S |

*** Volume discounts are available to Clearing Members only depending on the number of files delivered each month. Monthly fees are as follows: first file - \$500/month, second file - \$450/month and third file - \$400/month, no fee for other files.

16. BAX conversion fees per contract*

conversion date.

| 16.1 | Client |] | \$ 0.60 |
|------|---|---|------------|
| 16.2 | Clearing Member | | \$ 0.60 |
| 16.3 | Volume rebate program participant | | \$ 0.60 |
| | *Applicable to each BAX contract being converted into a CRA contract on the | - | |

17. Miscellaneous Fees related to Physical Settlement of Securities and Standby facilities

CDCC will be recovering from Clearing Members, active in the physical settlement of Fixed Income Transactions and Fixed Income Futures contracts, the costs associated with its Commercial Bank Overnight Liquidity Arrangements (CBOLA). These costs will be payable quarterly, in arrears and will be due on the first business day of the calendar month. The amount payable by each Clearing Member will be based on the pro rata share of CDCC's quarterly CBOLA costs and will be pro rated across all Clearing Members that had net purchasing positions in Fixed Income securities through the CDCC CCP facilities.

The costs of this facility is subject to change as CDCC's credit providers may adjust the cost of this facility from time to time.

CDCC will also recover its Syndicated Revolving Standby Facility costs from Clearing Members based on their pro rata respective liquidity profile compared to all other Clearing Members.

The fee is charged quarterly based on previous quarter's activity.

More specifically, the following formula is used:

Individual CDCC Clearing Member liquidity exposure during the previous quarter / Total of all Clearing Members' liquidity exposure during the previous quarter X the Annual Fees charged to CDCC for the Syndicated Revolving Stand-by Facility

TERMS AND CONDITIONS

- 1. Any billing document (invoice, transaction report, etc.) must be verified without delay. The CDCC must be advised in writing of any error or omission within thirty (30) days following the document date.
- 2. 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.