



US\$42,000,000,000
Senior Medium-Term Notes, Series H
Senior Medium-Term Notes, Series I

Terms of Sale

We may from time to time offer and sell our senior medium-term notes, Series H, which will comprise our benchmark treasury issuances, and our senior medium-term notes, Series I, which will comprise our structured notes issuances (collectively referred to herein as the “notes”), in each case with various terms, including the following:

- fixed or floating interest rate, zero-coupon or issued with original issue discount; unless otherwise set forth in the applicable pricing supplement, a floating interest rate may be based on:
 - commercial paper rate;
 - U.S. prime rate;
 - EURIBOR;
 - Compounded SOFR;
 - treasury rate;
 - CMT rate;
 - CMS rate;
 - CPI rate; or
 - federal funds rate
- ranked as senior indebtedness of Bank of Montreal
- maturity payment or interest may be determined by reference to the performance, price, level or value of one or more of the following:
 - securities of one or more issuers, including debt or equity securities of a third party;
 - one or more currencies;
 - one or more formulas;
 - one or more commodities;
 - any other financial, economic or other measure or instrument, including the occurrence or non-occurrence of any event or circumstance; or
 - one or more indices or baskets of the items described above
- book-entry form through The Depository Trust Company, Euroclear, Clearstream or any other clearing system or financial institution named in the relevant pricing supplement
- redemption at the option of the Bank or repayment at the option of the holder
- interest paid monthly, quarterly, semi-annually or annually
- denominations of at least \$1,000 and integral multiples of \$1,000
- denominated in U.S. dollars, a currency other than U.S. dollars or in a composite currency
- settlement in immediately available funds or by physical delivery

The final terms of each note will be included in a pricing supplement and, if applicable, a product supplement. The notes will be issued at 100% of their principal amount unless otherwise specified in the relevant pricing supplement. We will receive between 92% and 100% of the aggregate proceeds from the sale of the notes, after paying the agents’ commissions of between 0% and 8% of the aggregate proceeds. See “*Supplemental Plan of Distribution (Conflicts of Interest)*” beginning on page S-46 for additional information about the agents’ commissions. The aggregate principal amount of the notes is subject to reduction as a result of the Bank’s sale of other securities pursuant to a separate prospectus supplement to the accompanying prospectus.

See “Risk Factors” beginning on page S-2 to read about factors you should consider before investing in any notes.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of the notes or passed upon the adequacy or accuracy of this prospectus supplement and the accompanying prospectus. Any representation to the contrary is a criminal offense.

These notes will be our unsecured obligations and will not be savings accounts or deposits that are insured by the United States Federal Deposit Insurance Corporation, the Deposit Insurance Fund, the Canada Deposit Insurance Corporation or any other governmental agency or instrumentality or other entity.

Notes that are bail-inable notes (as defined herein) are subject to conversion in whole or in part – by means of a transaction or series of transactions and in one or more steps – into common shares of the Bank or any of its affiliates under subsection 39.2(2.3) of the Canada Deposit Insurance Corporation Act (Canada) (the “*CDIC Act*”) and to variation or extinguishment in consequence, and subject to the application of the laws of the Province of Ontario and the federal laws of Canada applicable therein in respect of the operation of the CDIC Act with respect to the bail-inable notes.

We may sell the notes directly or through one or more agents or dealers, including the agent listed below. The agents are not required to sell any particular amount of the notes.

We may use this prospectus supplement in the initial sale of any notes. In addition, we or any of our affiliates, including BMO Capital Markets Corp., may use this prospectus supplement in a market-making or other transaction in any note after its initial sale. ***Unless we or our agent informs the purchaser otherwise in the confirmation of sale or pricing supplement, this prospectus supplement and the accompanying prospectus are being used in a market-making transaction.***

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ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement, the accompanying prospectus and, if applicable, a product supplement, provide you with a general description of the notes we may offer. Each time we sell notes we will provide a pricing supplement containing specific information about the terms of the notes being offered. Each pricing supplement or product supplement may include a discussion of any risk factors or other special considerations that apply to those notes. The pricing supplement or any product supplement may also add, update or change the information in this prospectus supplement. If there is any inconsistency between the information in this prospectus supplement and any pricing supplement or any product supplement, you should rely on the information in that pricing supplement or product supplement, whichever is most recent.

RISK FACTORS

An investment in the notes is subject to the risks described below, as well as the risks described under “Risk Factors” in the accompanying prospectus and the categories of risks identified and discussed in the management’s discussion and analysis of financial condition and results of operations included in our Annual Report on Form 40-F for the fiscal year ended October 31, 2021 and subsequent interim reports. You should carefully consider whether the notes are suited to your particular circumstances. This section describes the most significant risks relating to the terms of the notes. We urge you to read the following information about these risks, together with the other information in this prospectus supplement, the accompanying prospectus, any applicable product supplement and the relevant pricing supplement, before investing in the notes.

General Risks Relating to the Notes

Our Credit Ratings May Not Reflect All Risks of an Investment in the Notes

The credit ratings of our medium-term note program may not reflect the potential impact of all risks related to structure and other factors on any trading market for, or trading value of, your notes. In addition, real or anticipated changes in our credit ratings will generally affect any trading market for, or trading value of, your notes. A downgrade, suspension or withdrawal of, or change in the methodology used to determine, any rating assigned by a rating agency to us or our securities, including the notes, could cause the liquidity or trading price of the notes to decline significantly.

An Investment in the Notes Is Subject to Our Credit Risk

An investment in the notes is subject to the credit risk of Bank of Montreal, and the actual or perceived creditworthiness of Bank of Montreal may affect the market value of the notes.

Notes Offered Under This Prospectus May Not Be Conventional Debt Securities

Notes offered under this prospectus may not be conventional debt securities. If specified in the relevant pricing supplement or product supplement, the notes may provide no assurance that any of the principal amount of the notes will be paid at or before maturity. In addition, the notes may not provide holders with a return or income stream prior to maturity calculated by reference to a fixed or floating rate of interest determinable prior to maturity. The notes, unlike traditional debt obligations of a Canadian chartered bank, may be speculative or uncertain in that they could produce no return on a holder’s original investment or not repay any principal amount at or before maturity. Prospective purchasers are directed to the relevant pricing supplement and, if applicable, product supplement for the specific terms of the relevant securities, including any risk factors set out therein.

There May Be No Market through which the Notes May Be Sold

Unless otherwise specified in the relevant pricing supplement or product supplement, there may be no market through which the notes may be sold and holders may not be able to sell notes. This may affect the pricing of the notes in the secondary market, the transparency and availability of trading prices, the liquidity of the notes, and the extent of issuer regulation.

The Notes Are Not Covered By Deposit Insurance

The notes will not constitute savings accounts, deposits or other obligations that are insured by the Federal Deposit Insurance Corporation, the Deposit Insurance Fund or any other governmental agency or under the CDIC Act, the Bank Act (Canada) (the “*Bank Act*”) or any other deposit insurance regime designed to ensure the payment of all or a portion of a deposit upon the insolvency of the deposit taking financial institution. Therefore, you will not be entitled to insurance from the Federal Deposit Insurance Corporation or the Canada Deposit Insurance Corporation or other such protection, and as a result, you could lose all or a portion of your investment.

The Notes Will Be Subject to Risks, Including Non-payment In Full or, in the Case of Bail-inable Notes, Conversion in Whole or in Part – By Means of a Transaction or Series of Transactions and in One or More Steps – Into Common Shares of the Bank or Any of its Affiliates, Under Canadian Bank Resolution Powers

Under Canadian bank resolution powers, the Canada Deposit Insurance Corporation (“CDIC”) may, in circumstances where the Bank has ceased, or is about to cease, to be viable, assume temporary control or ownership of the Bank and may be granted broad powers by one or more orders of the Governor in Council (Canada), each of which we refer to as an “Order,” including the power to sell or dispose of all or a part of the assets of the Bank, and the power to carry out or cause the Bank to carry out a transaction or a series of transactions the purpose of which is to restructure the business of the Bank. As part of the Canadian bank resolution powers, certain provisions of, and regulations under, the Bank Act, the CDIC Act and certain other Canadian federal statutes pertaining to banks, which we refer to collectively as the “*bail-in regime*,” provide for a bank recapitalization regime for banks designated by the Superintendent of Financial Institutions (Canada) (the “*Superintendent*”) as domestic systemically important banks, which include the Bank. We refer to those domestic systemically important banks as “*D-SIBs*.” See “*Description of Debt Securities We May Offer — Canadian Bank Resolution Powers*” in the accompanying prospectus for a description of the Canadian bank resolution powers, including the bail-in regime.

If the CDIC were to take action under the Canadian bank resolution powers with respect to the Bank, this could result in holders or beneficial owners of the notes being exposed to losses and, in the case of bail-inable notes, conversion of the notes in whole or in part – by means of a transaction or series of transactions and in one or more steps – into common shares of the Bank or any of its affiliates, which we refer to as a “*bail-in conversion*.” Subject to certain exceptions discussed under “*Description of Debt Securities We May Offer – Canadian Bank Resolution Powers*” in the accompanying prospectus, including for certain structured notes, senior debt issued on or after September 23, 2018, with an initial or amended term to maturity (including explicit or embedded options) greater than 400 days, that is unsecured or partially secured and that has been assigned a CUSIP or ISIN or similar identification number, is subject to bail-in conversion. We refer to notes that are subject to bail-in conversion as “*bail-inable notes*.”

Upon a bail-in conversion, if your bail-inable notes or any portion thereof are converted into common shares of the Bank or any of its affiliates, you will be obligated to accept those common shares, even if you do not at the time consider the common shares to be an appropriate investment for you, and despite any change in the Bank or any of its affiliates, or the fact that the common shares may be issued by an affiliate of the Bank, or any disruption to or lack of a market for the common shares or disruption to capital markets generally.

As a result, you should consider the risk that you may lose all of your investment, including the principal amount plus any accrued interest, if the CDIC were to take action under the Canadian bank resolution powers, including the bail-in regime, and that any remaining outstanding notes, or common shares of the Bank or any of its affiliates into which bail-inable notes are converted, may be of little value at the time of a bail-in conversion and thereafter.

The Indenture Will Provide Only Limited Acceleration and Enforcement Rights for the Notes and Includes Other Provisions Intended to Qualify Bail-inable Notes as TLAC

In connection with the bail-in regime, the Office of the Superintendent of Financial Institutions’ (“OSFI”) guideline (the “*TLAC Guideline*”) on Total Loss Absorbing Capacity (“TLAC”) applies to and establishes standards for D-SIBs, including the Bank. Under the TLAC Guideline, the Bank is required to maintain a minimum capacity to absorb losses composed of unsecured external long-term debt that meets the prescribed criteria or regulatory capital instruments to support recapitalization in the event of a failure. Bail-inable notes and regulatory capital instruments that meet certain prescribed criteria, which are discussed under “*Description of Debt Securities We May Offer — Canadian Bank Resolution Powers*” in the accompanying prospectus, will constitute TLAC of the Bank.

In order to comply with the TLAC Guideline, our indenture under which the notes may be issued provides that, for any notes of a series issued on or after September 23, 2018 (including notes that are not subject to bail-in conversion), acceleration will only be permitted (i) if we default in the payment of the principal of, or interest on, any note of that series and, in each case, the default continues for a period of 30 business days, or (ii) certain bankruptcy, insolvency or reorganization events occur.

Holders and beneficial owners of bail-inable notes may only exercise, or direct the exercise of, the rights described in the accompanying prospectus under “*Description of Debt Securities We May Offer — Events of Default — Remedies If an Event of Default Occurs*” where an Order has not been made under Canadian bank resolution powers pursuant to subsection 39.13(1) of the CDIC Act in respect of the Bank. Notwithstanding the exercise of those rights, bail-inable notes will continue to be subject to bail-in conversion until repaid in full.

The indenture also provides that holders or beneficial owners of bail-inable notes will not be entitled to exercise, or direct the exercise of, any set-off or netting rights with respect to bail-inable notes. In addition, where an amendment, modification or other variance that can be made to the indenture or the bail-inable notes as described in the accompanying prospectus under “*Description of Debt Securities We May Offer — Modification and Waiver of the Debt Securities*” would affect the recognition of those bail-inable notes by the Superintendent as TLAC, that amendment, modification or variance will require the prior approval of the Superintendent.

The Circumstances Surrounding a Bail-in Conversion Are Unpredictable and Can Be Expected To Have an Adverse Effect on the Market Price of Bail-inable Notes

The decision as to whether the Bank has ceased, or is about to cease, to be viable is a subjective determination by the Superintendent that is outside the control of the Bank. Upon a bail-in conversion, the interests of depositors and holders of liabilities and securities of the Bank that are not converted will effectively all rank in priority to the portion of bail-inable notes that are converted. In addition, except as provided for under the compensation process, the rights of holders in respect of the bail-inable notes that have been converted will rank on parity with other holders of common shares of the Bank (or, as applicable, common shares of the affiliate whose common shares are issued on the bail-in conversion).

There is no limitation on the type of Order that may be made where it has been determined that the Bank has ceased, or is about to cease, to be viable. As a result, you may be exposed to losses through the use of Canadian bank resolution powers other than bail-in conversion or in liquidation. See “*The Notes Will Be Subject to Risks, Including Non-payment In Full or, in the Case of Bail-inable Notes, Conversion in Whole or in Part – By Means of a Transaction or Series of Transactions and in One or More Steps – Into Common Shares of the Bank or Any of its Affiliates, Under Canadian Bank Resolution Powers*” above.

Because of the uncertainty regarding when and whether an Order will be made and the type of Order that may be made, it will be difficult to predict when, if at all, bail-inable notes could be converted into common shares of the Bank or any of its affiliates, and there is not likely to be any advance notice of an Order. As a result of this uncertainty, trading behavior in respect of the bail-inable notes may not follow trading behavior associated with convertible or exchangeable securities or, in circumstances where the Bank is trending towards ceasing to be viable, other senior debt. Any indication, whether real or perceived, that the Bank is trending towards ceasing to be viable can be expected to have an adverse effect on the market price of the bail-inable notes, whether or not the Bank has ceased, or is about to cease, to be viable. Therefore, in those circumstances, you may not be able to sell your bail-inable notes easily or at prices comparable to those of senior debt securities not subject to bail-in conversion.

The Number of Common Shares to be Issued In Connection With, and the Number of Common Shares That Will Be Outstanding Following, a Bail-in Conversion are Unknown. It Is Also Unknown Whether the Shares To Be Issued Will Be Those of the Bank or One of Its Affiliates

Under the bail-in regime there is no fixed and pre-determined contractual conversion ratio for the conversion of the bail-inable notes, or other shares or liabilities of the Bank that are subject to a bail-in

conversion, into common shares of the Bank or any of its affiliates, nor are there specific requirements regarding whether liabilities subject to a bail-in conversion are converted into common shares of the Bank or any of its affiliates. CDIC determines the timing of the bail-in conversion, the portion of bail-inable shares and liabilities to be converted and the terms and conditions of the conversion, subject to parameters set out in the bail-in regime, which are discussed under “*Description of Debt Securities We May Offer — Canadian Bank Resolution Powers*” in the accompanying prospectus.

As a result, it is not possible to anticipate the potential number of common shares of the Bank or its affiliates that would be issued in respect of any bail-inable note converted in a bail-in conversion, the aggregate number of such common shares that will be outstanding following the bail-in conversion, the effect of dilution on the common shares received from other issuances under or in connection with an Order or related actions in respect of the Bank or its affiliates or the value of any common shares you may receive for your converted bail-inable notes, which could be significantly less than the principal amount of those bail-inable notes. It is also not possible to anticipate whether shares of the Bank or shares of its affiliates would be issued in a bail-in conversion. There may be an illiquid market, or no market at all, in the common shares issued upon a bail-in conversion and you may not be able to sell those common shares at a price equal to the value of your converted bail-inable notes and as a result may suffer significant losses that may not be offset by compensation, if any, received as part of the compensation process. Fluctuations in exchange rates may exacerbate those losses.

By Acquiring Bail-inable Notes, You Are Deemed to Agree to be Bound by a Bail-in Conversion and So Will Have No Further Rights in Respect of Bail-inable Notes That Are Converted in a Bail-in Conversion Other Than Those Provided Under the Bail-in Regime. Any Potential Compensation to be Provided Through the Compensation Process Under the CDIC Act is Unknown

The CDIC Act provides for a compensation process for holders of bail-inable notes who immediately prior to the making of an Order, directly or through an intermediary, own bail-inable notes that are converted in a bail-in conversion. Given the considerations involved in determining the amount of compensation, if any, that a holder that held bail-inable notes may be entitled to following an Order, it is not possible to anticipate what, if any, compensation would be payable in such circumstances. By acquiring an interest in any bail-inable note, you are deemed to agree to be bound by a bail-in conversion and so will have no further rights in respect of your bail-inable notes to the extent those bail-inable notes are converted in a bail-in conversion other than those provided under the bail-in regime. See “*Description of Debt Securities We May Offer — Canadian Bank Resolution Powers*” in the accompanying prospectus for a description of the compensation process under the CDIC Act.

Following a Bail-in Conversion, Holders or Beneficial Owners That Held Bail-inable Notes That Have Been Converted Will No Longer Have Rights Against the Bank as Creditors

Upon a bail-in conversion, the rights, terms and conditions of the portion of bail-inable notes that are converted, including with respect to priority and rights on liquidation, will no longer apply as the portion of converted bail-inable notes will have been converted on a full and permanent basis into common shares of the Bank or any of its affiliates ranking on parity with all other outstanding common shares of that entity. If a bail-in conversion occurs, then the interest of the depositors, other creditors and holders of liabilities of the Bank not bailed in as a result of the bail-in conversion will all rank in priority to those common shares.

Given the nature of the bail-in conversion, holders or beneficial owners of bail-inable notes that are converted will become holders or beneficial owners of common shares at a time when the Bank’s and potentially its affiliates’ financial condition has deteriorated. They may also become holders or beneficial owners of common shares at a time when the relevant entity may have received or may receive a capital injection or equivalent support with terms that may rank in priority to the common shares issued in a bail-in conversion with respect to payment of dividends, rights on liquidation or other terms although there is no certainty that any such capital injection or support will be forthcoming.

We May Redeem Bail-inable Notes After the Occurrence of a TLAC Disqualification Event

If a TLAC Disqualification Event (as defined herein) is specified in the applicable pricing supplement, we may, at our option, with the prior approval of the Superintendent, redeem all but not less than all of the particular bail-inable notes prior to their stated maturity date after the occurrence of the TLAC Disqualification Event, at the time or times and at the redemption price or prices specified in that pricing supplement, together with unpaid interest accrued thereon to, but excluding, the date fixed for redemption. If we redeem bail-inable notes, you may not be able to reinvest the redemption proceeds in securities offering a comparable anticipated rate of return. Additionally, although the terms of the bail-inable notes are anticipated to be established to satisfy the TLAC criteria within the meaning of the TLAC Guideline to which the Bank is subject, it is possible that any bail-inable notes may not satisfy the criteria in future rulemakings or interpretations.

The Notes are Structurally Subordinated to the Liabilities of Our Subsidiaries

If we become insolvent, the Bank Act provides that priorities among payments of our deposit liabilities and payments of all of our other liabilities (including payments in respect of the notes) are to be determined in accordance with the laws governing priorities and, where applicable, by the terms of the indebtedness and liabilities. Because we have subsidiaries, our right to participate in any distribution of the assets of our banking or non-banking subsidiaries, upon a subsidiary's dissolution, winding-up, liquidation or reorganization or otherwise, and thus your ability to benefit indirectly from such distribution, is subject to the prior claims of creditors of that subsidiary, except to the extent that we may be a creditor of that subsidiary and our claims are recognized. In addition, there are regulatory and other legal limitations on the extent to which some of our subsidiaries may extend credit, pay dividends or otherwise supply funds to, or engage in transactions with, us or some of our other subsidiaries. Accordingly, the notes will be structurally subordinated to all existing and future liabilities of our subsidiaries, and holders of the notes should look only to our assets and not those of our subsidiaries for payments on the notes.

Changes in Laws and Regulations, Including How They are Interpreted and Enforced in Applicable Jurisdictions, Could Have an Impact on Holders of the Notes

The financial services industry is highly regulated, and we have experienced changes and increased complexity in regulatory requirements as governments and regulators around the world continue major reforms intended to strengthen the stability of the financial system and protect key markets and participants. As a result, there is the potential for higher capital requirements and increased regulatory and compliance costs which could lower our returns and affect our growth. Failure to comply with applicable legal and regulatory requirements may result in litigation, financial losses, regulatory sanctions, enforcement actions, an inability to execute our business strategies, a decline in investor and customer confidence and harm to our reputation.

Risks Relating to Indexed Notes

We use the term “*indexed notes*” to mean notes whose value is linked to an underlying property or index. Indexed notes may present a high level of risk, and those who invest in indexed notes may lose all or a portion of their investment and may receive no interest on their investment. In addition, the treatment of indexed notes for U.S. federal income tax purposes is often unclear due to the absence of any authority specifically addressing the issues presented by any particular indexed note. Thus, if you propose to invest in indexed notes, you should independently evaluate the federal income tax consequences of purchasing an indexed note that apply in your particular circumstances. You should also read “*Certain Income Tax Consequences — United States Federal Income Taxation*” in this prospectus supplement, as well as “*United States Federal Income Taxation*” in the accompanying prospectus, for a discussion of U.S. tax matters. In addition, interest in respect of an indexed note, or any portion of the principal amount of an indexed note in excess of its issue price, may be subject to Canadian non-resident withholding tax. See “*Canadian Taxation — Debt Securities*” in the accompanying prospectus. Bank of Montreal or the applicable paying agent will deduct or withhold from a payment on a note any Canadian

non-resident withholding tax exigible and will not pay any additional amounts to offset such deduction or withholding unless specified in the relevant pricing supplement. See “*Description of the Notes We May Offer — Withholding*” in this prospectus supplement.

Investors in Indexed Notes Could Lose Their Investment

The amount of principal and/or interest payable on an indexed note and the cash and/or physical settlement value will be determined by reference to the price, value or level of one or more securities, currencies, commodities or other properties, any other financial, economic or other measure or instrument, including the occurrence or non-occurrence of any event or circumstance, and/or one or more indices or baskets of any of these items. We refer to each of these as an “*index*.” The direction and magnitude of the change in the price, value or level of the relevant index will determine the amount of principal and/or interest payable on the indexed note, and the cash and/or physical settlement value of an indexed note. The terms of a particular indexed note may or may not include a guaranteed return of a percentage of the face amount at maturity or a minimum interest rate. Thus, if you purchase a particular indexed note that does not include a guaranteed return of the face amount or other amount, you may lose all or a portion of the principal or other amount you invest and may receive no interest on your investment.

The Return on Indexed Notes May Be Below the Return on Similar Notes

Depending on the terms of an indexed note, as specified in the applicable pricing supplement, you may not receive any periodic interest payments or receive only very low payments on such indexed note. As a result, the overall return on such indexed note may be less than the amount you would have earned by investing the principal or other amount you invest in such indexed note in a non-indexed debt security that bears interest at a prevailing market fixed or floating rate.

The Issuer of a Security or Currency That Comprises an Index Could Take Actions That May Adversely Affect an Indexed Note

The issuer of a security that comprises an index or part of an index for an indexed note will have no involvement in the offer and sale of the indexed note and no obligations to the holder of the indexed note. Such an issuer may take actions, such as a merger or sale of assets, without regard to the interests of the holder of the indexed note. Any of these actions could adversely affect the value of a note indexed to that security or to an index of which that security is a component.

If the index for an indexed note includes a non-U.S. dollar currency or other asset denominated in a non-U.S. dollar currency, the government that issues that currency will also have no involvement in the offer and sale of the indexed note and no obligations to the holder of the indexed note. That government may take actions that could adversely affect the value of the note. See “*Risks Relating to Notes Denominated or Payable in a Non-U.S. Dollar Currency*” below for more information about these kinds of government actions.

Investors in Indexed Notes Will Have No Ownership of the Underlying Securities

Investing in an indexed note will not entitle a holder to any direct or indirect ownership or entitlement to the underlying securities, except as specified in the relevant pricing supplement or, if applicable, product supplement. A holder will not be entitled to the rights and benefits of a holder of the underlying securities, including any right to receive any distributions or dividends or to vote at or attend any meetings of holders of the underlying securities.

An Indexed Note May Be Linked to a Volatile Index, Which Could Hurt Your Investment

Some indices are highly volatile, which means that their value may change significantly, up or down, over a short period of time. The amount of principal and/or interest that can be expected to become payable on an

indexed note may vary substantially from time to time. Because the amounts payable with respect to an indexed note are generally calculated based on the value or level of the relevant index on a specified date or over a limited period of time, volatility in the index increases the risk that the return on the indexed note may be adversely affected by a fluctuation in the level of the relevant index. The volatility of an index may be affected by political or economic events, including governmental actions, or by the activities of participants in the relevant markets. Any of these events or activities could adversely affect the value of an indexed note.

An Index to Which a Note Is Linked Could Be Changed or Become Unavailable

Some indices sponsored by us or our affiliates or third parties may consist of or refer to several or many different securities, commodities or currencies or other instruments or measures. The sponsor of such an index typically reserves the right to alter the composition of the index and the manner in which the value or level of the index is calculated. An alteration may result in a decrease in the value of or return on an indexed note that is linked to the index. The indices for our indexed notes may include published indices of this kind or customized indices developed by us or our affiliates in connection with particular issues of indexed notes.

A published index may become unavailable, or a customized index may become impossible to calculate in the normal manner, due to events such as war, natural disasters, cessation of publication of the index, a suspension or disruption of trading in one or more securities, commodities or currencies or other instruments or measures on which the index is based or any other market disruption event described in the relevant pricing supplement or product supplement. If an index becomes unavailable or impossible to calculate in the normal manner, the terms of a particular indexed note may allow us to delay determining the amount payable as principal or premium or interest on an indexed note, or we may use an alternative method to determine the value of the unavailable index. Alternative methods of valuation are generally intended to produce a value similar to the value resulting from reference to the relevant index. However, it is unlikely that any alternative method of valuation we use will produce a value identical to the value that the actual index would have produced. If we use an alternative method of valuation for a note linked to an index of this kind, the value of the note, or the rate of return on it, may be lower than it otherwise would be.

Some indexed notes are linked to indices that are not commonly used or that have been developed only recently. The lack of a trading history may make it difficult to anticipate the volatility or other risks associated with an indexed note of this kind. In addition, trading in these indices or their underlying stocks, commodities or currencies or other instruments or measures, or options or futures contracts on these stocks, commodities or currencies or other instruments or measures, may be limited, which could increase their volatility and decrease the value of the related indexed notes or the rates of return on them.

Pricing Information About the Property Underlying a Relevant Index May Not Be Available

Special risks may also be presented because of differences in time zones between the United States and the market for the property underlying the relevant index, such that the underlying property is traded on a foreign exchange that is not open when the trading market for the notes in the United States, if any, is open or where trading occurs in the underlying property during times when the trading market for the notes in the United States, if any, is closed. In such cases, holders of the notes may have to make investment decisions at a time when current pricing information regarding the property underlying the relevant index is not available.

We May Engage in Hedging Activities that Could Adversely Affect an Indexed Note

In order to hedge an exposure on a particular indexed note, we may, directly or through our affiliates or other agents, enter into transactions involving the securities, commodities or currencies or other instruments or measures that underlie the index for the note, or involving derivative instruments, such as swaps, options or futures, on the index or any of its component items. To the extent that we enter into hedging arrangements with a non-affiliate, including a non-affiliate agent, such non-affiliate may enter into similar transactions. Engaging in

transactions of this kind could adversely affect the value of an indexed note. It is possible that we or the hedging counterparty could achieve substantial returns and/or fees from our hedging transactions while the value of the indexed note may decline. However, neither we nor any of our affiliates or other agents will be obliged to hedge our exposure under an indexed note nor is there any assurance that any hedging transaction will be maintained or successful.

Information About Indices May Not Be Indicative of Future Performance

If we issue an indexed note, we may include historical information about the relevant index in the relevant pricing supplement. Any information about indices that we may provide will be furnished as a matter of information only, and you should not regard the information as indicative of the range of, or trends in, fluctuations in the relevant index that may occur in the future or indicative of any payment of principal or interest to be paid on the indexed notes.

We May Have Conflicts of Interest Regarding an Indexed Note

BMO Capital Markets Corp. and our other affiliates may have conflicts of interest with respect to some indexed notes. BMO Capital Markets Corp. and our other affiliates may engage in trading, including trading for hedging purposes, for their proprietary accounts or for other accounts under their management, in indexed notes and in the securities, commodities or currencies or other instruments or measures on which the index is based or in other derivative instruments related to the index or its component items. These trading activities could adversely affect the value of indexed notes. We and our affiliates may also issue or underwrite securities or derivative instruments that are linked to the same index as one or more indexed notes. By introducing competing products into the marketplace in this manner, we could adversely affect the value of a particular indexed note.

BMO Capital Markets Corp. or another of our affiliates may serve as calculation agent for the indexed notes and may have considerable discretion in calculating the amounts payable in respect of the notes. To the extent that BMO Capital Markets Corp. or another of our affiliates calculates or compiles a particular index, it may also have considerable discretion in performing the calculation or compilation of the index. Exercising discretion in this manner could adversely affect the value of an indexed note based on the index or the rate of return on the note.

Risks Relating to Floating Rate Notes

Floating Rates of Interest are Uncertain and Could be 0.0%

If your notes are floating rate notes or otherwise directly linked to a floating rate for some portion of the notes' term, no interest will accrue on the notes with respect to any interest period for which the applicable floating rate specified in the applicable pricing supplement is zero on the related interest rate reset date. Floating interest rates, by their very nature, fluctuate, and may be as low as 0.0%. Also, in certain economic environments, floating rates of interest may be less than fixed rates of interest for instruments with a similar credit quality and term. As a result, the return you receive on your notes may be less than a fixed rate security issued for a similar term by a comparable issuer.

Market Participants May Not Consider SOFR a Suitable Replacement or Successor to USD LIBOR

According to the Alternative Reference Rates Committee (“ARRC”) convened by the Board of Governors of the Federal Reserve System and the Federal Reserve Bank of New York, the SOFR (as defined under “Description of the Notes We May Offer — Interest Rates — Floating Rate Notes — Special Rate Calculation Terms”) was developed for use in certain U.S. dollar derivatives and other financial contracts as an alternative to U.S. dollar-denominated London Interbank Offered Rate (“USD LIBOR”) in part because it is considered a good representation of general funding conditions in the overnight U.S. Treasury repurchase agreement market.

However, as a rate based on transactions secured by U.S. Treasury securities, it does not measure bank-specific credit risk and, as a result, is less likely to correlate with the unsecured short-term funding costs of banks. This may mean that market participants would not consider SOFR a suitable replacement or successor for all of the purposes for which USD LIBOR historically has been used (including, without limitation, as a representation of the unsecured short-term funding costs of banks), which may, in turn, lessen market acceptance of SOFR, which could adversely affect the return on and value of the securities to which SOFR relates and the price at which investors can sell such securities in the secondary market.

In addition, if SOFR fails to be widely used as a benchmark in securities that are similar or comparable to the securities based on SOFR, the trading price of such securities may be lower than those of securities that are linked to rates that are more widely used. Similarly, market terms for floating-rate debt securities linked to SOFR, such as the spread over the base rate reflected in interest rate provisions or the manner of compounding the base rate, may evolve over time, and trading prices of securities based on SOFR may be lower than those of later-issued SOFR-based debt securities as a result. Investors in securities based on SOFR may not be able to sell such securities at all or may not be able to sell such securities at prices that will provide them with a yield comparable to similar investments that have a developed secondary market, and may consequently suffer from increased pricing volatility and market risk.

We May Issue Floating Rate Notes for which the Interest Rate is based on a Compounded SOFR Rate and the SOFR Index

We may issue floating rate notes for which the interest rate is based on Compounded SOFR, which is calculated using the SOFR Index published by the Federal Reserve Bank of New York according to the specific formula described under “*Description of the Notes We May Offer — Interest Rates — Floating Rate Notes — SOFR Notes*,” not the SOFR rate published on or in respect of a particular date during the applicable interest period or an arithmetic average of SOFR rates during such period. For this and other reasons, the interest rate on any such floating rate notes during any applicable interest period will not necessarily be the same as the interest rate on other SOFR-linked investments that use an alternative basis to determine the applicable interest rate. Further, if the SOFR rate in respect of a particular date during an interest period is negative, its contribution to the SOFR Index will be less than one, resulting in a reduction to Compounded SOFR used to calculate the interest payable on such floating rate notes on the applicable interest payment date for such interest period.

The use of the SOFR Index or the specific formula for the Compounded SOFR rate described under “*Description of the Notes We May Offer — Interest Rates — Floating Rate Notes — SOFR Notes*” may not be widely adopted by other market participants. If the market adopts a different calculation method, that would likely adversely affect the market value of any floating rate notes we issue for which the interest rate is based on Compounded SOFR and the SOFR Index.

Compounded SOFR with Respect to a Particular Interest Period Will Only be Capable of Being Determined Near the End of the Relevant Interest Period

As described below under “*Description of the Notes We May Offer — Interest Rates — Floating Rate Notes*,” if we issue floating rate notes for which the interest rate is based on Compounded SOFR, the level of Compounded SOFR applicable to a particular interest period and, therefore, the amount of interest payable with respect to such interest period will be determined on the applicable interest payment determination date for such interest period. Because each such date is near the end of such interest period, you will not know the amount of interest payable with respect to a particular interest period until shortly prior to the related interest payment date and it may be difficult for you to reliably estimate the amount of interest that will be payable on each such interest payment date. In addition, some investors may be unwilling or unable to trade any such floating rate notes we issue without changes to their information technology systems, both of which could adversely impact the liquidity and trading price of any floating rate notes we issue for which the interest rate is based on Compounded SOFR.

The SOFR Index May be Modified or Discontinued and Securities Related to the SOFR Index May Bear Interest by Reference to a Rate Other than Compounded SOFR, which Could Adversely Affect the Value of such Securities

The SOFR Index is published by the Federal Reserve Bank of New York based on data received by it from sources other than us, and we have no control over its methods of calculation, publication schedule, rate revision practices or availability of the SOFR Index at any time. There can be no guarantee, particularly given its relatively recent introduction, that the SOFR Index will not be discontinued or fundamentally altered in a manner that is materially adverse to the interests of investors in any SOFR-based floating rate notes that we issue. If the manner in which the SOFR Index is calculated, including the manner in which SOFR is calculated, is changed, that change may result in a reduction in the amount of interest payable on any SOFR-based floating rate notes we have issued and the trading prices of such floating rate notes. In addition, the Federal Reserve Bank of New York may withdraw, modify or amend the published SOFR Index or SOFR data in its sole discretion and without notice. Unless the terms of a particular issue of floating rate notes specify otherwise, the interest rate for any interest period with respect to SOFR-based floating rate notes that we issue will not be adjusted for any modifications or amendments to the SOFR Index or SOFR data that the Federal Reserve Bank of New York may publish after the interest rate for that interest period has been determined.

If the calculation agent determines that a Benchmark Transition Event and its related Benchmark Replacement Date have occurred in respect of the SOFR Index, then the interest rate on any floating rate notes we issue for which the interest rate is based on a Compounded SOFR rate will no longer be determined by reference to the SOFR Index, but instead will be determined by reference to a different rate, plus a spread adjustment, which we refer to as a “Benchmark Replacement,” as further described under the caption “*Description of the Notes We May Offer — Interest Rates — Floating Rate Notes — SOFR Notes.*”

If a particular Benchmark Replacement or Benchmark Replacement Adjustment cannot be determined, then the next-available Benchmark Replacement or Benchmark Replacement Adjustment will apply. These replacement rates and adjustments may be selected, recommended or formulated by (i) the Relevant Governmental Body (such as the ARRC), (ii) the International Swaps and Derivatives Association (“ISDA”) or (iii) in certain circumstances, the calculation agent. In addition, the terms of floating rate notes we issue for which the interest rate is based on Compounded SOFR expressly authorize the calculation agent to make Benchmark Replacement Conforming Changes with respect to, among other things, changes to the definition of “interest period,” the timing and frequency of determining rates and making payments of interest and other administrative matters. The determination of a Benchmark Replacement, the calculation of the interest rate on such floating rate notes by reference to a Benchmark Replacement (including the application of a Benchmark Replacement Adjustment), any implementation of Benchmark Replacement Conforming Changes and any other determinations, decisions or elections that may be made under the terms of such floating rate notes in connection with a Benchmark Transition Event, could adversely affect the value of such floating rate notes, the return on such floating rate notes and the price at which you can sell such floating rate notes.

In addition, (i) the composition and characteristics of the Benchmark Replacement will not be the same as those of Compounded SOFR, the Benchmark Replacement may not be the economic equivalent of Compounded SOFR, there can be no assurance that the Benchmark Replacement will perform in the same way as Compounded SOFR would have at any time and there is no guarantee that the Benchmark Replacement will be a comparable substitute for Compounded SOFR (each of which means that a Benchmark Transition Event could adversely affect the value of floating rate notes we issue for which the interest rate is based on Compounded SOFR, the return on such floating rate notes and the price at which you can sell such floating rate notes), (ii) any failure of the Benchmark Replacement to gain market acceptance could adversely affect such floating rate notes, (iii) the Benchmark Replacement may have a very limited history and the future performance of the Benchmark Replacement may not be predicted based on historical performance, (iv) the secondary trading market for such floating rate notes linked to the Benchmark Replacement may be limited and (v) the administrator of the Benchmark Replacement may make changes that could change the value of the Benchmark Replacement or discontinue the Benchmark Replacement and has no obligation to consider your interests in doing so.

Notes That Bear Interest at Rates Based on EURIBOR May Be Adversely Affected By Changes in Our EURIBOR Reporting Practices or the Method in Which EURIBOR is Determined or Circumstances Where EURIBOR is No Longer Determined or Published

The European Money Markets Institute (formerly Euribor-EBF) has continued in its role as administrator of the Euro Interbank Offered Rate (“EURIBOR”) but has also undertaken a number of reforms in relation to its governance and technical framework since January 2013 pursuant to recommendations by the European Securities and Markets Authority and the European Banking Authority.

It is not possible to predict any changes in the methods pursuant to which the EURIBOR rates are determined, or any other reforms to EURIBOR or any other relevant benchmarks that will be enacted in the European Union (the “EU”) and elsewhere, each of which may adversely affect the trading market for securities based on EURIBOR or any other relevant benchmark, including any notes that bear interest at rates based on EURIBOR and may cause such benchmarks to perform differently than in the past, or cease to exist. In addition, any legal or regulatory changes made by the European Money Markets Institute, the European Commission or any other successor governance or oversight body, or future changes adopted by such body, in the method pursuant to which the EURIBOR or any other relevant benchmarks are determined may result in, among other things, a sudden or prolonged increase or decrease in the reported benchmark, a delay in the publication of any such benchmark rates, trigger changes in the rules or methodologies in certain benchmarks discouraging market participants from continuing to administer or to participate in certain benchmarks, and, in certain situations, could result in a benchmark rate no longer being determined and published. Accordingly, in respect of a note referencing EURIBOR or any other relevant benchmark, such proposals for reform and changes in applicable regulation could have a material adverse effect on the trading market for, the value of and return on such a note (including potential rates of interest thereon).

The Calculation Agent Will Make Determinations with respect to Floating Rate Notes.

BMO Capital Markets Corp. is currently serving as our calculation agent; however, we may change the calculation agent at any time without notice to holders, and BMO Capital Markets Corp. may resign as calculation agent at any time upon sixty (60) days’ written notice to us. The calculation agent will make certain determinations with respect to the floating rate notes as further described under the caption “*Description of the Notes We May Offer.*” In addition, if a Benchmark Transition Event and its related Benchmark Replacement Date have occurred, the calculation agent will make certain determinations with respect to our floating rate notes in the calculation agent’s sole discretion as further described under the caption “*Description of the Notes We May Offer — Interest Rates — Floating Rate Notes — Special Rate Calculation Terms.*” Any determination, decision or election pursuant to the benchmark replacement provisions not made by the calculation agent will be made by us. Any of these determinations may adversely affect the value of the floating rate notes, the return on the floating rate notes and the price at which you can sell such floating rate notes. Moreover, certain determinations may require the exercise of discretion and the making of subjective judgments, such as with respect to Compounded SOFR or the occurrence or non-occurrence of a Benchmark Transition Event and any Benchmark Replacement Conforming Changes. The exercise of this discretion by BMO Capital Markets Corp. (or another affiliate of ours) may also present us with a conflict of interest. For further information regarding these types of determinations, see “*Description of the Notes We May Offer — Interest Rates — Floating Rate Notes — Special Rate Calculation Terms.*”

Risks Relating to Notes Denominated or Payable in a Non-U.S. Dollar Currency

If you intend to invest in a non-U.S. dollar note — *i.e.*, a note denominated in a non-U.S. dollar currency or a note whose principal and/or interest is payable in a currency other than U.S. dollars or that may be settled by delivery of a non-U.S. dollar currency or property denominated in a non-U.S. dollar currency — you should consult your own financial and legal advisors as to the currency risks entailed by your investment. Notes of this kind may not be an appropriate investment for investors who are unsophisticated with respect to non-U.S. dollar

currency transactions. The information in this prospectus supplement is directed primarily at investors who are U.S. residents. Investors who are not U.S. residents should consult their own financial and legal advisors about currency-related risks particular to their investments.

An Investment in a Non-U.S. Dollar Note Involves Currency-Related Risks

An investment in a non-U.S. dollar note entails significant risks that are not associated with a similar investment in a note that is payable solely in U.S. dollars and where settlement value is not otherwise based on a non-U.S. dollar currency. These risks include the possibility of significant changes in rates of exchange between the U.S. dollar and the various non-U.S. dollar currencies or composite currencies and the possibility of the imposition or modification of foreign exchange controls or other conditions by either the United States or non-U.S. governments. These risks generally depend on factors over which we have no control, such as economic and political events and the supply of, and demand for, the relevant currencies in the global markets.

Changes in Currency Exchange Rates Can Be Volatile and Unpredictable

Rates of exchange between the U.S. dollar and many other currencies have been highly volatile, and this volatility may continue and perhaps spread to other currencies in the future. Fluctuations in currency exchange rates could adversely affect an investment in a note denominated in a specified currency other than U.S. dollars. Depreciation of the specified currency against the U.S. dollar could result in a decrease in the U.S. dollar-equivalent value of payments on the note, including the principal payable at maturity. That in turn could cause the market value of the note to fall. Depreciation of the specified currency against the U.S. dollar could result in a loss to the investor on a U.S. dollar basis.

We Will Not Adjust Non-U.S. Dollar Notes to Compensate for Changes in Currency Exchange Rates

Except as described above or in the relevant pricing supplement or any applicable product supplement, we will not make any adjustment or change in the terms of a non-U.S. dollar note in the event of any change in exchange rates for the relevant currency, whether in the event of any devaluation, revaluation or imposition of exchange or other regulatory controls or taxes or in the event of other developments affecting that currency, the U.S. dollar or any other currency. Consequently, investors in non-U.S. dollar notes will bear the risk that their investment may be adversely affected by these types of events.

Government Policy Can Adversely Affect Currency Exchange Rates and, as a Result, the Return on an Investment in Non-U.S. Dollar Notes

Currency exchange rates can either float or be fixed by sovereign governments. From time to time, governments use a variety of techniques, such as intervention by a country's central bank or imposition of regulatory controls or taxes, to affect the exchange rate of their currencies. Governments may also issue a new currency to replace an existing currency or alter the exchange rate or exchange characteristics by devaluation or revaluation of a currency. Thus, a special risk in purchasing non-U.S. dollar notes is that their yields or payouts could be significantly and unpredictably affected by governmental actions. Even in the absence of governmental action directly affecting currency exchange rates, political or economic developments in the country issuing the specified currency for a non-U.S. dollar note or elsewhere could lead to significant and sudden changes in the exchange rate between the U.S. dollar and the specified currency. These changes could affect the value of the non-U.S. dollar note as participants in the global currency markets move to buy or sell the specified currency or U.S. dollars in reaction to these developments.

Governments have imposed from time to time and may in the future impose exchange controls or other conditions, including taxes, with respect to the exchange or transfer of a specified currency that could affect exchange rates, as well as the availability of a specified currency for a security at its maturity or on any other payment date. In addition, the ability of a holder to move currency freely out of the country in which payment in the currency is received or to convert the currency at a freely determined market rate could be limited by governmental actions.

Non-U.S. Dollar Notes May Permit Us to Make Payments in U.S. Dollars or Delay Payment If We Are Unable to Obtain the Specified Currency

Non-U.S. dollar notes may provide that, if the specified currency is subject to convertibility, transferability, market disruption or other conditions affecting its availability at or about the time when a payment on the notes comes due because of circumstances beyond our control, we will be entitled to make the payment in U.S. dollars or delay making the payment. These circumstances could include the imposition of exchange controls or our inability to obtain the specified currency because of a disruption in the currency markets. If we made payment in U.S. dollars, the exchange rate we would use would be determined in the manner described below under “*Description of the Notes We May Offer*” under the subheading “*Payment Mechanics — How We Will Make Payments Due in Other Currencies — When the Specified Currency Is Not Available.*” A determination of this kind may be based on limited information and would involve discretion on the part of our exchange rate agent, which may be an affiliate of ours. As a result, the value of the payment in U.S. dollars an investor would receive on the payment date may be less than the value of the payment the investor would have received in the specified currency if it had been available, or may be zero. In addition, a government may impose extraordinary taxes on transfers of a currency. If that happens we will be entitled to deduct these taxes from any payment on securities payable in that currency.

In a Lawsuit for Payment on a Non-U.S. Dollar Note, an Investor May Bear Currency Exchange Risk

The notes will be governed by New York law. Under Section 27 of the New York Judiciary Law, a state court in the State of New York rendering a judgment on a non-U.S. dollar note would be required to render the judgment in the specified currency. However, the judgment would be converted into U.S. dollars at the exchange rate prevailing on the date of entry of the judgment. Consequently, in a lawsuit for payment on a non-U.S. dollar note, investors would bear currency exchange risk until judgment is entered, which may take a significant period of time.

In courts outside of New York, investors may not be able to obtain judgment in a specified currency other than U.S. dollars. For example, a judgment for money in an action based on a non-U.S. dollar note in many other U.S. federal or state courts ordinarily would be enforced in the United States only in U.S. dollars. The date used to determine the rate of conversion of the currency in which any particular security is denominated into U.S. dollars will depend upon various factors, including which court renders the judgment.

Information About Exchange Rates May Not Be Indicative of Future Performance

If we issue a non-U.S. dollar note, we may include with the relevant pricing supplement a currency supplement that provides information about historical exchange rates for the specified currency or currencies. Any information about exchange rates that we may provide will be furnished as a matter of information only, and you should not regard the information as indicative of the range of, or trends in, fluctuations in currency exchange rates that may occur in the future. That rate will likely differ from the exchange rate used under the terms that apply to a particular note.

Determinations Made by the Exchange Rate Agent

All determinations made by the exchange rate agent will be made in its sole discretion (except to the extent expressly provided in this prospectus or in the applicable prospectus supplement that any determination is subject to approval by Bank of Montreal). In the absence of manifest error, its determinations will be conclusive for all purposes and will bind all holders and us. The exchange rate agent will not have any liability for its determinations.

Non-U.S. Investors May Be Subject to Certain Additional Risks

If we issue a U.S. dollar note and you are a non-U.S. investor who purchased such notes with a currency other than U.S. dollars, changes in rates of exchange may have an adverse effect on the value, price or income of your investment.

This prospectus supplement contains a general description of certain tax consequences relating to the notes. If you are a non-U.S. investor, you should consult your tax advisors as to the consequences, under the tax laws of the country where you are resident for tax purposes, of acquiring, holding and disposing of notes and receiving payments of principal or other amounts under the notes.

USE OF PROCEEDS

Except as otherwise set forth in the relevant pricing supplement, the Bank will use the net proceeds of the offering for general banking purposes. The Bank and/or its affiliates may use all or any portion of the proceeds in transactions intended to hedge the Bank's obligations under the notes, including forward and option contracts.

DESCRIPTION OF THE NOTES WE MAY OFFER

You should carefully read the description of the terms and provisions of our debt securities and our senior indenture under “*Description of Debt Securities We May Offer*” in the accompanying prospectus. That section, together with this prospectus supplement and the relevant pricing supplement and any applicable product supplement, summarizes all the material terms of our senior indenture and your note. They do not, however, describe every aspect of our senior indenture and your note. For example, in this section entitled “*Description of the Notes We May Offer*,” the accompanying prospectus, the relevant pricing supplement and any applicable product supplement, we use terms that have been given special meanings in our senior indenture, but we describe the meanings of only the more important of those terms. The specific terms of any series of notes will be described in the relevant pricing supplement and any applicable product supplement. As you read this section, please remember that the specific terms of your note as described in the relevant pricing supplement and any applicable product supplement will supplement, and may modify or replace, the general terms described in this section. If a relevant pricing supplement or product supplement is inconsistent with this prospectus supplement or the accompanying prospectus, the later supplement will control with regard to your note. Thus, the statements we make in this section may not apply to your note.

General

The notes will be issued under our senior indenture, dated as of January 25, 2010, between Bank of Montreal and Computershare Trust Company, N.A. as successor to Wells Fargo Bank, National Association, as trustee, as supplemented by the first supplemental indenture thereto, dated as of September 23, 2018, between Bank of Montreal and Computershare Trust Company, N.A. as successor to Wells Fargo Bank, National Association, as trustee, and solely with respect to the Senior Medium-Term Notes, Series I, the third supplemental indenture thereto, dated as of May 26, 2022, among Bank of Montreal, The Bank of New York Mellon, as trustee with respect to the Senior Medium-Term Notes, Series I, and Computershare Trust Company, N.A., as successor to Wells Fargo Bank, National Association, and as further amended from time to time, which we refer to as the “*indenture*.” The notes constitute part of a single series of debt securities of Bank of Montreal issued under the indenture. The term “*debt securities*,” as used in this prospectus supplement, refers to all senior debt securities, including the notes, issued and issuable from time to time under the indenture. The indenture is subject to, and governed by, the Trust Indenture Act of 1939, as amended. The indenture is more fully described below in this section. Whenever we refer to specific provisions or defined terms in the indenture, those provisions or defined terms are incorporated in this prospectus supplement by reference. Capitalized terms which are not otherwise defined shall have the meanings given to them in the indenture.

The notes will be limited to an aggregate initial offering price of up to US\$42,000,000,000 or, at our option, if so specified in the relevant pricing supplement or any applicable product supplement, the equivalent of this amount in any other currency or currency unit, and will be our direct, unsecured and unsubordinated obligations. This aggregate initial offering price is subject to reduction as a result of the sale by us of other securities pursuant to a separate prospectus supplement to the accompanying prospectus. The notes will not constitute savings accounts or deposits that are insured by the United States Federal Deposit Insurance Corporation, the Deposit Insurance Fund, the Canada Deposit Insurance Corporation or any other governmental agency or instrumentality or other entity.

We will offer the notes on a continuous basis through one or more agents listed in the section entitled “*Supplemental Plan of Distribution (Conflicts of Interest)*” in this prospectus supplement. The indenture does not limit the aggregate principal amount of senior notes that we may issue. We may, from time to time, without the consent of the holders of the notes, provide for the issuance of notes or other debt securities under the indenture in addition to the US\$42,000,000,000 aggregate initial offering price of notes noted on the cover of this prospectus supplement. Each note issued under this prospectus supplement will mature as specified in the relevant pricing supplement and may be subject to redemption or repayment before its stated maturity. Notes may be issued at significant discounts from their principal amount due on the stated maturity (or on any prior

date on which the principal or an installment of principal of a note becomes due and payable, whether by the declaration of acceleration, call for redemption at our option, repayment at the option of the holder or otherwise), and some notes may not bear interest. We may from time to time, without the consent of the existing holders of the relevant notes, create and issue further notes having the same terms and conditions as such notes in some or all respects. We do not intend to re-open a previous issue of a series of debt securities where such re-opening would have the effect of making the relevant debt securities of such series subject to bail-in conversion.

Unless we specify otherwise in any note and the relevant pricing supplement or product supplement, currency amounts in this prospectus supplement are expressed in U.S. dollars. Unless we specify otherwise in any note and the relevant pricing supplement or product supplement, the notes will be denominated in U.S. dollars and payments of principal and any premium and interest on the notes will be made in U.S. dollars. If any note is to be denominated other than exclusively in U.S. dollars, or if the principal of, and any premium or any interest on, the note is to be paid in one or more currencies (or currency units or in amounts determined by reference to an index or indices) other than that in which that note is denominated, additional information (including authorized denominations and related exchange rate information) will be provided in any note and the relevant pricing supplement or product supplement. Unless we specify otherwise in any note and the relevant pricing supplement or product supplement, notes denominated in U.S. dollars will be issued in minimum denominations of \$1,000 and integral multiples of \$1,000.

Interest or other amounts payable on the notes may differ depending upon, among other factors, the aggregate principal amount of notes purchased in any single transaction. Notes with different variable terms other than interest rates may also be offered concurrently to different investors. We may change the formulas used to calculate interest rates and other terms of notes from time to time, but no change of terms will affect any note we have previously issued or as to which we have accepted an offer to purchase.

Unless we specify otherwise in any note and the relevant pricing supplement or product supplement, each note will be issued as a book-entry note in fully registered form without coupons. Each note issued in book-entry form may be represented by a global note that we deposit with and register in the name of a financial institution that we select, or its nominee. The financial institution that we select for this purpose is called the “*depository*.” Unless we specify otherwise in the relevant pricing supplement or product supplement, The Depository Trust Company, New York, New York (“*DTC*”), will be the depository for all notes in global form. Except as discussed in the accompanying prospectus under “*Description of Debt Securities We May Offer — Legal Ownership and Book-Entry Issuance*,” owners of beneficial interests in book-entry notes will not be entitled to physical delivery of notes in certificated form. We will make payments of principal of, and any premium and interest on, the notes through the trustee to the depository for the notes.

Legal Ownership

Street Name and Other Indirect Holders

Investors who hold their notes in accounts at banks or brokers will generally not be recognized by us as registered holders of notes (except as required by law). This is called holding in street name. Instead, we would recognize only the bank or broker, or the financial institution the bank or broker uses to hold its notes (except as required by law). These intermediary banks, brokers and other financial institutions pass along principal, interest and other payments on the notes, either because they agree to do so in their customer agreements or because they are legally required to do so. If you hold your notes in street name, you should check with your own institution to find out:

- how it handles note payments and notices;
- whether it imposes fees or charges;
- how it would handle voting if it were ever required;

- whether and how you can instruct it to send you notes registered in your own name so you can be a direct holder as described below; and
- how it would pursue rights under the notes if there were a default or other event triggering the need for holders to act to protect their interests.

Direct Holders

Our obligations, as well as the obligations of the trustee and those of any third parties employed by us or the trustee, under the notes run only to persons who are registered as holders of notes. As noted above, we generally do not have obligations to you if you hold in street name or other indirect means, either because you choose to hold your notes in that manner or because the notes are issued in the form of global securities as described below. For example, once we make payment to the registered holder we have no further responsibility for that payment, even if that holder is legally required to pass the payment along to you as a street name customer but does not do so.

Global Notes

A global note is a special type of indirectly held security, as described above under “*Street Name and Other Indirect Holders.*” If we choose to issue notes in the form of global notes, the ultimate beneficial owners of global notes can only be indirect holders. As described above under “*Street Name and Other Indirect Holders,*” we require that the global note be registered in the name of the depository we select, or its nominee.

We also require that the notes included in the global note not be transferred to the name of any other direct holder except in the special circumstances described in the accompanying prospectus in the section “*Description of Debt Securities We May Offer — Legal Ownership and Book-Entry Issuance.*” Any person wishing to own a global note must do so indirectly by virtue of an account with a broker, bank or other financial institution that in turn has an account with the depository. The relevant pricing supplement or product supplement will indicate whether your notes will be issued only in the form of global notes.

Further details of legal ownership are discussed in the accompanying prospectus in the section “*Description of Debt Securities We May Offer — Legal Ownership and Book-Entry Issuance.*”

Types of Notes

We may issue the four types of notes described below. A note may have elements of each of the four types of notes described below. For example, a note may bear interest at a fixed rate for some periods and at a floating rate for other periods. Similarly, a note may provide for a payment of principal at maturity linked to an index and bear interest at a fixed or floating rate.

- *Fixed Rate Notes.* A note of this type will bear interest at a fixed rate described in the relevant pricing supplement. This type includes zero-coupon notes, which bear no interest and are instead issued at a price lower than the principal amount. See “— *Original Issue Discount Notes*” below for more information about original issue discount notes.
- *Floating Rate Notes.* A note of this type will bear interest at rates that are determined by reference to an interest rate formula. In some cases, the rates may also be adjusted by adding or subtracting a spread or multiplying by a spread multiplier and may be subject to a minimum rate or a maximum rate. The various interest rate formulas and these other features are described below in “*Interest Rates — Floating Rate Notes.*” If your note is a floating rate note, the formula and any adjustments that apply to the interest rate will be specified in the relevant pricing supplement.
- *Indexed Notes.* A note of this type provides that any principal amount payable at its maturity, and/or the amount of interest payable on an interest payment date, will be determined by reference to:
 - one or more securities;

- one or more currencies;
- one or more commodities;
- any other financial, economic or other measures or instruments, including the occurrence or non-occurrence of any event or circumstance; and/or
- indices or baskets of any of these items.

If you are a holder of an indexed note, you may receive an amount at maturity that is greater than or less than the face amount of your note depending upon the value of the applicable index at maturity, and if the note is not principal protected, you may receive nothing at all. That value may fluctuate over time. If you purchase an indexed note the relevant pricing supplement will include information about the relevant index and how amounts that are to become payable will be determined by reference to that index. In addition, the relevant pricing supplement will specify whether your note will be payable in cash or exchangeable for securities of an issuer other than Bank of Montreal or other property. In some cases, interest on indexed notes may be subject to Canadian non-resident withholding tax. See “*Canadian Taxation – Debt Securities*” in the accompanying prospectus. The relevant pricing supplement will indicate whether Canadian non-resident withholding tax is exigible and whether there are additional Canadian federal income tax considerations relevant to the acquisition of indexed notes. Before you purchase any indexed note, you should read carefully the section entitled “*Risk Factors – Risks Relating to Indexed Notes*” above.

- *Convertible or Exchangeable Notes.* A note of this type will be convertible or exchangeable, mandatorily, at our option or at the option of the holder, into securities of the Bank or of an issuer other than the Bank or into other property. The convertible or exchangeable notes may or may not bear interest or be issued with original issue discount or at a premium. The general terms of the convertible or exchangeable notes are described below. The relevant pricing supplement will indicate whether there are additional Canadian federal income tax considerations relevant to the acquisition of convertible or exchangeable notes.
 - *Optionally Convertible or Exchangeable Notes.* The holder of an optionally convertible or exchangeable note may, during a specified period or at specific times, exchange the note for the underlying property at a specified rate of exchange. If specified in the relevant pricing supplement or product supplement, we will have the option to redeem the optionally convertible or exchangeable note prior to maturity. If the holder of an optionally convertible or exchangeable note does not elect to convert or exchange the note prior to maturity or on any redemption date, the holder will receive the principal amount of the note (and any premium) plus any accrued interest at maturity or upon redemption.
 - *Mandatorily Convertible or Exchangeable Notes.* At maturity, the holder of a mandatorily convertible or exchangeable note must, under certain circumstances, convert or exchange the note for the underlying property at a specified rate of conversion or exchange. Depending upon the value of the underlying property at maturity, the holder of a mandatorily convertible or exchangeable note may therefore receive less than the principal amount of the note at maturity. If so indicated in the relevant pricing supplement or product supplement, the specified rate at which a mandatorily convertible or exchangeable note may be converted or exchanged may vary depending on the value of the underlying property so that, upon conversion or exchange, the holder participates in a percentage, which may be less than, equal to, or greater than, 100% of the change in value of the underlying property. Mandatorily convertible or exchangeable notes may include notes where we have the right, but not the obligation, to require holders of notes to convert or exchange their notes for the underlying property.
 - *Payments upon Conversion or Exchange.* A relevant pricing supplement or product supplement will specify if upon conversion or exchange, at maturity or otherwise, the holder of a convertible or exchangeable note may receive, at the specified exchange rate, either the underlying property,

the cash value of the underlying property or any combination of the foregoing. The underlying property may be the securities of either U.S. or foreign entities or both. The convertible or exchangeable notes may or may not provide for protection against fluctuations in the exchange rate between the currency in which that security is denominated and the currency or currencies in which the market prices of the underlying security or securities are quoted. Convertible or exchangeable notes may have other terms, which will be specified in the relevant pricing supplement or product supplement.

- *Special Requirements for Conversion or Exchange of Global Notes.* If an optionally convertible or exchangeable note is represented by a global note, the depositary's nominee will be the holder of that note and therefore will be the only entity that can exercise a right to convert or exchange. In order to ensure that the depositary's nominee will timely exercise a right to convert or exchange a particular optionally convertible or exchangeable note or any portion of that particular note, the beneficial owner of the note must instruct the broker or other direct or indirect participant through which it holds an interest in that note to notify the depositary of its desire to exercise a right to convert or exchange. Different firms have different deadlines for accepting instructions from their customers. Each beneficial owner should consult the broker or other participant through which it holds an interest in an optionally convertible or exchangeable note in order to ascertain the deadline for ensuring that timely notice will be delivered to the depositary.
- *Payments upon Acceleration of Maturity or upon Redemption.* If the principal amount payable at maturity of any convertible or exchangeable note is declared due and payable prior to maturity, the amount payable on (i) an optionally convertible or exchangeable note will equal the face amount of the note (and any premium) plus accrued interest, if any, to but excluding the date of payment, except that if a holder has converted or exchanged an optionally convertible or exchangeable note prior to the date of declaration or redemption (if any) without having received the amount due upon exchange, the amount payable will be an amount of cash equal to the amount due upon conversion or exchange and will not include any accrued but unpaid interest; and (ii) a mandatorily convertible or exchangeable note will equal an amount (and any premium) determined as if the date of declaration or redemption were the maturity date plus accrued interest, if any, to but excluding the date of payment.

Original Issue Discount Notes

A fixed rate note, a floating rate note or an indexed note may be an original issue discount note. A note of this type is issued at a price lower than its principal amount and provides that, upon redemption or acceleration of its maturity, an amount less than its principal amount will be payable. An original issue discount note may be a zero-coupon note. A note issued at a discount to its principal amount may, for U.S. federal income tax purposes, be considered an original issue discount note, regardless of the amount payable upon redemption or acceleration of maturity. See "*United States Federal Income Taxation – Tax consequences to holders of our debt securities – Original Issue Discount*" in the accompanying prospectus for a brief description of the U.S. federal income tax consequences of owning an original issue discount note.

Information in the Additional Supplements

The relevant pricing supplement (together with any applicable product supplement) will describe some or all of the following terms of your note:

- the stated maturity;
- the specified currency or currencies for principal and interest, if not U.S. dollars;
- the price at which we originally issue your note, expressed as a percentage of the principal amount, and the original issue date;

- whether or not your note is a bail-inable note;
- whether your note is a fixed rate note, a floating rate note, an indexed note or a convertible or exchangeable note;
- if your note is a fixed rate note, the yearly rate at which your note will bear interest, if any, and the interest payment dates;
- if your note is a floating rate note, the interest rate basis, which may be one of the ten interest rate bases described in “*Interest Rates — Floating Rate Notes*” below; any applicable index currency or maturity, spread or spread multiplier or initial, maximum or minimum rate; and the interest reset, determination, calculation and payment dates, all of which we describe under “*Interest Rates — Floating Rate Notes*” below;
- if your note is an indexed note, the principal amount, if any, we will pay you at maturity; the amount of interest, if any, we will pay you on an interest payment date or the formula we will use to calculate these amounts, if any; and whether your note will be convertible into or exchangeable for cash, securities of an issuer other than Bank of Montreal or other property;
- if your note is a convertible or exchangeable note, the securities or property into which the note may be converted or for which it may be exchanged; whether the note is convertible or exchangeable at your option or at the Bank’s option; and the other items described in “*Types of Notes — Convertible or Exchangeable Notes*” above;
- if your note is an original issue discount note, the yield to maturity;
- if applicable, the circumstances under which your note may be redeemed at our option before the stated maturity, including any redemption commencement date, redemption price(s) and redemption period(s);
- if applicable, the circumstances under which you may demand repayment of your note before the stated maturity, including any repayment commencement date, repayment price(s) and repayment period(s);
- any additional Canadian or United States federal income tax consequences of the purchase, ownership or disposition of a particular issuance of notes;
- the use of proceeds, if materially different than those discussed in this prospectus supplement; and
- any other terms of your note, which could be different from those described in this prospectus supplement.

Market-Making Transactions

If you purchase your note in a market-making transaction, you will receive information about the price you pay and your trade and settlement dates in a separate confirmation of sale. A market-making transaction is one in which BMO Capital Markets Corp. or another of our affiliates resells a note that it has previously acquired from another holder. A market-making transaction in a particular note occurs after the original sale of the note. See “*Plan of Distribution (Conflicts of Interest)*” in the accompanying prospectus and “*Supplemental Plan of Distribution (Conflicts of Interest)*” below.

Events of Default

Under the indenture, for notes of a series issued on or after September 23, 2018, “*event of default*” means any of the following:

- we default in the payment of the principal of, or interest on, any note of that series and, in each case, the default continues for a period of 30 business days; or

- certain bankruptcy, insolvency or reorganization events occur; or
- any other event of default provided with respect to notes of that series.

An event of default regarding one series of notes will not cause an event of default regarding any other series of notes. For purposes of this section and the section “*Description of Debt Securities We May Offer — Events of Default — Remedies If an Event of Default Occurs*” in the accompanying prospectus, with respect to notes issued on or after September 23, 2018, “series” refers to notes having identical terms, except as to issue date, principal amount and, if applicable, the date from which interest begins to accrue.

If your note is a bail-inable note, see “*Description of Debt Securities We May Offer — Events of Default — Remedies If an Event of Default Occurs*” in the accompanying prospectus and “*—Special Provisions Related to Bail-inable Notes — Remedies If an Event of Default Occurs*” below for details about your rights if an event of default occurs. A bail-in conversion will not constitute a default or an event of default under the indenture.

Special Provisions Related to Bail-inable Notes

The indenture provides for certain provisions applicable to bail-inable notes. These provisions are described below, in the accompanying prospectus and the applicable pricing supplement. The applicable pricing supplement will specify whether or not your notes are bail-inable notes. Your agreement to the exercise of Canadian bail-in powers and certain other general provisions with respect to your bail-inable notes are described in the section “*Description of Debt Securities We May Offer — Special Provisions Related to Bail-inable Debt Securities*” in the accompanying prospectus.

TLAC Disqualification Event Redemption

If a TLAC Disqualification Event (as defined below) is specified in the applicable pricing supplement, we may, at our option, with the prior approval of the Superintendent, redeem all but not less than all of the particular bail-inable notes prior to their stated maturity date after the occurrence of the TLAC Disqualification Event at the time and at the redemption price or prices specified in that pricing supplement, together with unpaid interest accrued thereon to, but excluding, the date fixed for redemption.

A “*TLAC Disqualification Event*” means OSFI has advised the Bank in writing that the bail-inable notes issued under the applicable pricing supplement will no longer be recognized in full as TLAC under the TLAC Guideline as interpreted by the Superintendent, provided that a TLAC Disqualification Event will not occur where the exclusion of those bail-inable notes from the Bank’s TLAC requirements is due to the remaining maturity of those bail-inable notes being less than any period prescribed by any relevant eligibility criteria applicable as of the issue date of those bail-inable notes.

No Set-Off or Netting Rights

No holder or beneficial owner of a bail-inable note may exercise, or direct the exercise of, claim or plead any right of set-off, netting, compensation or retention in respect of any amount owed to it by the Bank arising under, or in connection with, that bail-inable note, and each holder or beneficial owner of a bail-inable note, by its acquisition of an interest in the bail-inable note, is deemed to irrevocably and unconditionally waive all such rights of set-off, netting, compensation or retention. Notwithstanding the foregoing, if any amounts due and payable to any holder or beneficial owner of any bail-inable note by the Bank in respect of, or arising under, the bail-inable note are purportedly discharged by set-off, netting, compensation or retention, without limitation to any other rights and remedies of the Bank under applicable law, such holder or beneficial owner shall hold in trust for the Bank an amount equal to the amount of such discharge and, accordingly, any such discharge shall be deemed not to have taken place and such set-off, netting, compensation or retention shall be ineffective.

Approval of Redemption, Repurchases and Defeasance; Amendments and Modifications

Where the redemption, repurchase or any defeasance or covenant defeasance with respect to bail-inable notes would result in the Bank not meeting the TLAC requirements applicable to it pursuant to the TLAC Guideline, that redemption, repurchase, defeasance or covenant defeasance will be subject to the prior approval of the Superintendent.

Where an amendment, modification or other variance that can be made to the indenture or the bail-inable notes as described in the accompanying prospectus under “*Description of Debt Securities We May Offer — Modification and Waiver of the Debt Securities*” would affect the recognition of those bail-inable notes by the Superintendent as TLAC, that amendment, modification or variance will require the prior approval of the Superintendent.

Remedies If an Event of Default Occurs

Holders and beneficial owners of bail-inable notes may only exercise, or direct the exercise of, the rights described in the accompanying prospectus under “*Description of Debt Securities We May Offer — Events of Default — Remedies If an Event of Default Occurs*” if the Governor in Council (Canada) has not made an order under Canadian bank resolution powers pursuant to subsection 39.13(1) of the CDIC Act in respect of the Bank. Notwithstanding the exercise of those rights, bail-inable notes will continue to be subject to bail-in conversion until repaid in full.

Governing Law; Submission to Jurisdiction

The indenture and the notes are governed by and construed in accordance with the laws of the State of New York, except that certain provisions relating to the status of the senior debt securities under Canadian law in the indenture, and the provisions relating to the bail-in acknowledgment of holders and beneficial owners of bail-inable notes described in the third paragraph under “*Description of Debt Securities We May Offer — Special Provisions Related to Bail-inable Debt Securities*” in the accompanying prospectus, are governed by and construed in accordance with the laws of the Province of Ontario and the federal laws of Canada applicable therein. By its acquisition of an interest in any bail-inable note, each holder or beneficial owner of that bail-inable note is deemed to attorn and submit to the jurisdiction of the courts in the Province of Ontario with respect to actions, suits and proceedings arising out of or relating to the operation of the CDIC Act and the laws of the Province of Ontario and the federal laws of Canada applicable therein in respect of the indenture and the bail-inable notes.

Redemption at the Option of the Bank; No Sinking Fund

If an initial redemption date is specified in the relevant pricing supplement, we may redeem the particular notes prior to their stated maturity date at our option on any date on or after that initial redemption date in whole or from time to time in part in increments of any authorized denomination specified in the relevant pricing supplement (provided that any remaining principal amount thereof shall be at least the minimum authorized denomination applicable thereto), at the applicable redemption price (as defined below), together with any unpaid interest accrued thereon to the date of redemption. We must give written notice to registered holders of the particular notes to be redeemed at our option not more than 45 nor less than 30 calendar days prior to the date of redemption. “*Redemption price*,” with respect to a note, means an amount equal to the initial redemption percentage specified in the relevant pricing supplement (as adjusted by the annual redemption percentage reduction, if applicable) multiplied by the unpaid principal amount thereof to be redeemed. The initial redemption percentage, if any, applicable to a note normally shall decline at each anniversary of the initial redemption date by an amount equal to the applicable annual redemption percentage reduction, if any, until the redemption price is equal to 100% of the unpaid principal amount thereof to be redeemed.

Unless otherwise specified in the relevant pricing supplement or product supplement, the notes will not be subject to, or entitled to the benefit of, any sinking fund.

Repayment at the Option of the Holder

If one or more optional repayment dates are specified in the relevant pricing supplement, registered holders of the particular notes may require us to repay those notes prior to their stated maturity date on any optional repayment date in whole or from time to time in part in increments of any authorized denomination specified in the relevant pricing supplement (provided that any remaining principal amount thereof shall be at least the minimum authorized denomination applicable thereto), at the repayment price or prices specified in that pricing supplement, together with unpaid interest accrued thereon to the date of repayment. A registered holder's exercise of the repayment option will be irrevocable.

For any note to be repaid, the trustee must receive, at its corporate trust office in the Borough of Manhattan, The City of New York, not more than 60 nor less than 30 calendar days prior to the date of repayment, the particular notes to be repaid and, in the case of a book-entry note, repayment instructions from the depository. Only the depository may exercise the repayment option in respect of global notes representing book-entry notes. Accordingly, beneficial owners of global notes that desire to have all or any portion of the book-entry notes represented thereby repaid must instruct the participant through which they own their interest to direct the depository to exercise the repayment option on their behalf by forwarding the repayment instructions to the trustee as described above. In order to ensure that these instructions are received by the trustee on a particular day, the beneficial owner must so instruct the participant through which it owns its interest before that participant's deadline for accepting instructions for that day. Different firms may have different deadlines for accepting instructions from their customers. Accordingly, beneficial owners should consult their participants for the respective deadlines. In addition, at the time repayment instructions are given, each beneficial owner shall cause the participant through which it owns its interest to transfer the beneficial owner's interest in the global note representing the related book-entry notes, on the depository's records, to the trustee.

If applicable, we will comply with the requirements of Section 14(e) of the Securities Exchange Act of 1934, as amended (the "*Exchange Act*"), and the rules promulgated thereunder, and any other securities laws or regulations in connection with any repayment of notes at the option of the registered holders thereof.

We may at any time purchase notes at any price or prices in the open market or otherwise. Notes so purchased by us may, at our discretion, be held, resold or surrendered to the trustee for cancellation.

Interest

Each interest-bearing note will bear interest from its date of issue at the rate per annum, in the case of a fixed rate note, or based on the interest rate formula, in the case of a floating rate note, in each case as specified in the relevant pricing supplement, until the principal thereof is paid. Unless otherwise specified in the relevant pricing supplement or product supplement, we will make interest payments in respect of fixed rate notes and floating rate notes in an amount equal to the interest accrued from and including the immediately preceding interest payment date in respect of which interest has been paid or from and including the date of issue, if no interest has been paid, to but excluding the applicable interest payment date, the maturity date or the redemption date, as the case may be (each, an "*interest period*").

Interest on fixed rate notes and floating rate notes will be payable in arrears on each interest payment date, on the maturity date and on any redemption date (unless otherwise specified in the relevant pricing supplement or product supplement). The first payment of interest on any note originally issued between a regular record date and the related interest payment date will be made on the interest payment date immediately following the next succeeding regular record date to the registered holder on the next succeeding regular record date. Unless we specify otherwise in the relevant pricing supplement or product supplement, the "*regular record date*" shall be the fifteenth calendar day, whether or not a business day, immediately preceding the related interest payment date. "*Business day*" is defined below under "*Interest Rates — Floating Rate Notes — Special Rate Calculation Terms.*" For the purpose of determining the holder at the close of business on a regular record date when business is not being conducted, the close of business will mean 5:00 P.M., New York City time, on that day.

Interest Rates

This subsection describes the different kinds of interest rates that may apply to your note, if it bears interest.

Fixed Rate Notes

The relevant pricing supplement will specify the interest payment dates for a fixed rate note. Interest on fixed rate notes will be computed on the basis of a 360-day year consisting of twelve 30-day months or such other day count convention as may be set forth in the pricing supplement. For the purposes of disclosure under the *Interest Act* (Canada), and without affecting the interest payable on any fixed rate note, whenever the interest rate on any fixed rate note is to be calculated on the basis of a period of less than a calendar year, the yearly interest rate equivalent for such interest rate will be the interest rate multiplied by the actual number of days in the relevant calendar year and divided by the number of days used in calculating the specified interest rate.

If any interest payment date or the maturity date of a fixed rate note falls on a day that is not a business day, we will make the required payment of principal and any premium and interest on the next succeeding business day, and no additional interest will accrue in respect of the payment made on that next succeeding business day.

Floating Rate Notes

*In this subsection, we use several specialized terms relating to the manner in which floating interest rates are calculated. These terms appear in **bold, italicized** type the first time they appear, and we define these terms in “Special Rate Calculation Terms” at the end of this subsection.*

The following will apply to floating rate notes.

Interest Rate Basis. We currently expect to issue floating rate notes that bear interest at rates based on one or more of the following interest rate bases:

- commercial paper rate;
- U.S. prime rate;
- EURIBOR;
- Compounded SOFR;
- treasury rate;
- CMT rate;
- CMS rate;
- consumer price index (“*CPI*”) rate; and/or
- federal funds rate.

We describe each of the interest rate bases in further detail below in this subsection. If you purchase a floating rate note, the relevant pricing supplement or product supplement will specify the interest rate basis that applies to your note. If your floating rate note has an interest rate basis other than those listed above, your pricing supplement will describe the applicable interest rate basis.

Calculation of Interest. Calculations relating to floating rate notes will be made by the calculation agent, an institution that we appoint as our agent for this purpose. That institution may include any affiliate of ours, such as BMO Capital Markets Corp. The pricing supplement for a particular floating rate note will name the institution that we have appointed to act as the calculation agent for that note as of its original issue date. We may appoint a different institution to serve as calculation agent from time to time after the original issue date of the note without your consent and without notifying you of the change.

For each floating rate note, the calculation agent will determine, on the corresponding interest calculation date or on the interest determination date, as described below, the interest rate that takes effect on each interest reset date or in the case of a note for which the interest basis is SOFR or another backward looking rate, the interest rate for the applicable interest period. In addition, the calculation agent will calculate the amount of interest that has accrued during each interest period. If the interest rate basis is not SOFR or another backward looking rate, for each interest period, the calculation agent will calculate the amount of accrued interest by multiplying the face or other specified amount of the floating rate note by an accrued interest factor for the interest period. This factor will equal the sum of the interest factors calculated for each day during the interest period. The interest factor for each day will be expressed as a decimal and will be calculated by dividing the interest rate, also expressed as a decimal, applicable to that day by 360 or by the actual number of days in the year, as specified in the relevant pricing supplement. If the interest rate basis is SOFR or another backward looking rate, for each interest period, the calculation agent will calculate the amount of accrued interest by multiplying (i) the outstanding principal amount of the floating rate notes by (ii) the product of (a) the interest rate for the relevant interest period multiplied by (b) the quotient of the actual number of calendar days in such observation period divided by 360. For the purposes of disclosure under the *Interest Act* (Canada), and without affecting the interest payable on any floating rate note, whenever the interest rate on any floating rate note is to be calculated on the basis of a period of less than a calendar year, the yearly interest rate equivalent for that interest rate will be the interest rate multiplied by the actual number of days in the relevant calendar year and divided by the number of days used in calculating the specified interest rate. In no event will the interest on any floating rate note be less than zero.

If the interest rate basis is not SOFR or another backward looking rate, upon the request of the holder of any floating rate note, the calculation agent will provide for that note the interest rate then in effect — and, if determined, the interest rate that will become effective on the next interest reset date. If the interest basis is SOFR or another backward looking rate, upon the request of the holder of any floating rate note, the calculation agent will provide the interest rate most recently calculated for that note, which may not be the interest rate applicable to the current interest period. The calculation agent's determination of any interest rate, and its calculation of the amount of interest for any interest period, will be final and binding in the absence of manifest error.

All percentages resulting from any calculation relating to a note will be rounded upward or downward, as appropriate, to the next higher or lower one hundred-thousandth of a percentage point, *e.g.*, 9.876541% (or .09876541) being rounded down to 9.87654% (or .0987654) and 9.876545% (or .09876545) being rounded up to 9.87655% (or .0987655). All amounts used in or resulting from any calculation relating to a floating rate note will be rounded upward or downward, as appropriate, to the nearest cent, in the case of U.S. dollars, or to the nearest corresponding hundredth of a unit, in the case of a currency other than U.S. dollars, with one-half cent or one-half of a corresponding hundredth of a unit or more being rounded upward.

In determining the interest rate basis that applies to a floating rate note during a particular interest period, the calculation agent may obtain rate quotes from various banks or dealers active in the relevant market, as discussed below. Those reference banks and dealers may include the calculation agent itself and its affiliates, as well as any agent participating in the distribution of the relevant floating rate notes and its affiliates, and they may include our affiliates.

Initial Interest Rate. For any floating rate note, the interest rate in effect from the original issue date to the first interest reset date will be the initial interest rate. We will specify the initial interest rate or the manner in which it is determined in the relevant pricing supplement.

Spread or Spread Multiplier. In some cases, the interest rate basis for a floating rate note may be adjusted:

- by adding or subtracting a specified number of basis points, called the spread, with one basis point being 0.01%; or
- by multiplying the interest rate basis by a specified percentage, called the spread multiplier.

If you purchase a floating rate note, the relevant pricing supplement will indicate whether a spread or spread multiplier will apply to your note and, if so, the amount of the spread or spread multiplier.

Maximum and Minimum Rates. The actual interest rate, after being adjusted by the spread or spread multiplier, may also be subject to either or both of the following limits:

- a maximum rate — *i.e.*, a specified upper limit that the actual interest rate in effect at any time may not exceed; and/or
- a minimum rate — *i.e.*, a specified lower limit that the actual interest rate in effect at any time may not fall below.

If you purchase a floating rate note, the relevant pricing supplement will indicate whether a maximum rate and/or minimum rate will apply to your note and, if so, what those rates are.

Whether or not a maximum rate applies, the interest rate on a floating rate note will in no event be higher than the maximum rate permitted by New York law, as it may be modified by U.S. law of general application, and the *Criminal Code* (Canada). Under current New York law, the maximum rate of interest, with some exceptions, for any loan in an amount less than \$250,000 is 16% and for any loan in the amount of \$250,000 or more but less than \$2,500,000 is 25% per year on a simple interest basis. These limits do not apply to loans of \$2,500,000 or more. The *Criminal Code* (Canada) limits the effective annual interest rate to 60%, although any amounts payable in excess of this limit would be paid out over time to ensure that such payments do not exceed 60% per year.

The rest of this subsection describes how the interest rate and the interest payment dates will be determined, and how interest will be calculated, on a floating rate note.

Interest Reset Dates. The rate of interest on a floating rate note, other than a SOFR note or a floating rate note based on another backward looking rate, will be reset, by the calculation agent described below, daily, weekly, monthly, quarterly, semi-annually or annually. The date on which the interest rate resets and the reset rate becomes effective is called the interest reset date. Except as otherwise specified in the relevant pricing supplement, the interest reset date will be as follows:

- for floating rate notes that reset daily, each *business day*;
- for floating rate notes that reset weekly and are not treasury rate notes, the Wednesday of each week;
- for treasury rate notes that reset weekly, the Tuesday of each week;
- for floating rate notes that reset monthly, the third Wednesday of each month;
- for floating rate notes that reset quarterly, the third Wednesday of each of the four months of each year as specified in the relevant pricing supplement;
- for floating rate notes that reset semi-annually, the third Wednesday of each of the two months of each year as specified in the relevant pricing supplement; and
- for floating rate notes that reset annually, the third Wednesday of one month of each year as specified in the relevant pricing supplement.

For a floating rate note other than a SOFR note or a floating rate note based on another backward looking rate, the interest rate in effect on any particular day will be the interest rate determined with respect to the latest interest reset date that occurs on or before that day. There are several exceptions, however, to the reset provisions described above. For example, for a SOFR note, the interest rate in effect on any particular day will be the interest rate determined with respect to the interest period in which that day occurs.

If any interest reset date for a floating rate note would otherwise be a day that is not a business day, the interest reset date will be postponed to the next day that is a business day. For a EURIBOR note, however, if that business day is in the next succeeding calendar month, the interest reset date will be the immediately preceding business day.

Interest Determination Dates. The interest rate that takes effect on an interest reset date (or, in the case of a SOFR note or a floating rate note based on another backward looking rate, the interest rate determined for the applicable interest period) will be determined by the calculation agent by reference to a particular date called an interest determination date. Except as otherwise indicated in the relevant pricing supplement:

- for commercial paper rate, U.S. prime rate and federal funds rate notes, the interest determination date relating to a particular interest reset date will be the business day preceding the interest reset date;
- for SOFR notes and floating rate notes based on other backward looking rates, the interest determination date relating to a particular interest period will be the second U.S. government securities business day prior to the applicable interest payment date (or, in the case of the final interest period, prior to the maturity date or if we elect to redeem in part or in full any series of notes, the redemption date for such notes);
- for EURIBOR notes, the interest determination date relating to a particular interest reset date, which we refer to as a EURIBOR interest determination date, will be the second *euro business day* preceding the interest reset date;
- for treasury rate notes, the interest determination date relating to a particular interest reset date, which we refer to as a treasury interest determination date, will be the day of the week in which the interest reset date falls on which treasury bills — *i.e.*, direct obligations of the U.S. government — would normally be auctioned. Treasury bills are usually sold at auction on the Monday of each week, unless that day is a legal holiday, in which case the auction is usually held on the Tuesday of that week, except that the auction may be held on the preceding Friday. If as the result of a legal holiday an auction is held on the preceding Friday, that Friday will be the treasury interest determination date relating to the interest reset date occurring in the next succeeding week; and
- for CMT rate, CMS rate and CPI rate notes, the interest determination date relating to a particular interest reset date will be the second business day preceding the interest reset date.

The interest determination date pertaining to a floating rate note the interest rate of which is determined with reference to two or more interest rate bases (none of which is Compounded SOFR) will be the latest business day which is at least two business days before the related interest reset date for the applicable floating rate note on which each interest rate basis is determinable. The interest determination date pertaining to any floating rate note the interest rate of which is determined with reference to two or more interest rate bases (one of which is Compounded SOFR) will be specified in the relevant pricing supplement.

Interest Calculation Dates. As described above, the interest rate that takes effect on a particular interest reset date will be determined by reference to the corresponding interest determination date. Except for EURIBOR notes and SOFR notes, however, the determination of the rate will actually be made on a day no later than the corresponding interest calculation date. Except as specified in the relevant pricing supplement, the interest calculation date will be the earlier of the following:

- the tenth calendar day after the interest determination date or, if that tenth calendar day is not a business day, the next succeeding business day; and
- the business day immediately preceding the interest payment date or the maturity, whichever is the day on which the next payment of interest will be due.

The calculation agent need not wait until the relevant interest calculation date to determine the interest rate if the rate information it needs to make the determination is available from the relevant sources sooner.

Interest Payment Dates. The interest payment dates for a floating rate note will depend on when the interest rate is reset and, unless we specify otherwise in the relevant pricing supplement, will be as follows:

- for floating rate notes that reset daily, weekly or monthly, the third Wednesday of each month;
- for floating rate notes that reset quarterly, the third Wednesday of each of the four months of each year as specified in the relevant pricing supplement;
- for floating rate notes that reset semi-annually, the third Wednesday of each of the two months of each year as specified in the relevant pricing supplement; or
- for floating rate notes that reset annually, the third Wednesday of the month as specified in the relevant pricing supplement.

Regardless of these rules, if a note is originally issued after the regular record date and before the date that would otherwise be the first interest payment date, the first interest payment date will be the date that would otherwise be the second interest payment date.

In addition, the following special provision will apply to a floating rate note with regard to any interest payment date other than one that falls on the maturity date. If the interest payment date would otherwise fall on a day that is not a business day, then the interest payment date will be the next day that is a business day. If the maturity date of a floating rate note falls on a day that is not a business day, we will make the required payment of principal and any premium and interest on the next succeeding business day, and no additional interest will accrue in respect of the payment made on that next succeeding business day. However, unless otherwise specified in the relevant pricing supplement, if the floating rate note is a EURIBOR note or a SOFR note and the next business day falls in the next calendar month, then the interest payment date or the date that the payment of principal and any premium will be made will be the immediately preceding business day.

Calculation Agent. We have initially appointed BMO Capital Markets Corp. as our calculation agent for the notes. See “*Calculation of Interest*” above for details regarding the role of the calculation agent.

The following are summaries of anticipated interest rate bases:

Commercial Paper Rate Notes. If you purchase a commercial paper rate note, your note will bear interest at an interest rate equal to the commercial paper rate and adjusted by the spread or spread multiplier, if any, indicated in the relevant pricing supplement.

The commercial paper rate will be the **money market yield** of the rate, for the relevant interest determination date, for commercial paper having the **index maturity** indicated in the relevant pricing supplement, as published in H.15 under the heading “*Commercial Paper — Nonfinancial.*” If the commercial paper rate cannot be determined as described above, the following procedures will apply.

- If the rate described above does not appear in H.15 at 3:00 P.M., New York City time, on the relevant interest calculation date, unless the calculation is made earlier and the rate is available from that source at that time, then the commercial paper rate will be the rate, for the relevant interest determination date, for commercial paper having the index maturity specified in the relevant pricing supplement, as published in any other recognized electronic source used for displaying that rate, under the heading “*Commercial Paper — Nonfinancial.*”
- If the rate described above does not appear in H.15 or another recognized electronic source at 3:00 P.M., New York City time, on the relevant interest calculation date, unless the calculation is made earlier and the rate is available from one of those sources at that time, the commercial paper rate will be the money market yield of the arithmetic mean of the following offered rates for U.S. dollar commercial paper that has the relevant index maturity and is placed for an industrial issuer whose bond rating is “Aa,” or the equivalent, from a nationally recognized rating agency: the rates offered as of 11:00 A.M., New York City time, on the relevant interest determination date, by three leading U.S. dollar commercial paper dealers in New York City selected by the calculation agent.

- If fewer than three dealers selected by the calculation agent are quoting as described above, the commercial paper rate for the new interest period will be the commercial paper rate in effect for the prior interest period. If the initial interest rate has been in effect for the prior interest period, however, it will remain in effect for the new interest period.

U.S. Prime Rate Notes. If you purchase a U.S. prime rate note, your note will bear interest at an interest rate equal to the U.S. prime rate and adjusted by the spread or spread multiplier, if any, indicated in the relevant pricing supplement.

The U.S. prime rate will be the rate, for the relevant interest determination date, published in H.15 under the heading “*Bank prime loan.*” If the U.S. prime rate cannot be determined as described above, the following procedures will apply.

- If the rate described above does not appear in H.15 at 3:00 P.M., New York City time, on the relevant interest calculation date, unless the calculation is made earlier and the rate is available from that source at that time, then the U.S. prime rate will be the rate, for the relevant interest determination date, as published in H.15 or another recognized electronic source used for the purpose of displaying that rate, under the heading “*Bank prime loan.*”
- If the rate described above does not appear in H.15 or another recognized electronic source at 3:00 P.M., New York City time, on the relevant interest calculation date, unless the calculation is made earlier and the rate is available from one of those sources at that time, then the U.S. prime rate will be the arithmetic mean of the following rates as they appear on *Refinitiv screen US PRIME 1 page*: the rate of interest publicly announced by each bank appearing on that page as that bank’s prime rate or base lending rate, as of 11:00 A.M., New York City time, on the relevant interest determination date.
- If fewer than four of these rates appear on Refinitiv screen US PRIME 1 page, the U.S. prime rate will be the arithmetic mean of the prime rates or base lending rates, as of the close of business on the relevant interest determination date, of three major banks in New York City selected by the calculation agent. For this purpose, the calculation agent will use rates quoted on the basis of the actual number of days in the year divided by a 360-day year.
- If fewer than three banks selected by the calculation agent are quoting as described above, the U.S. prime rate for the new interest period will be the U.S. prime rate in effect for the prior interest period. If the initial interest rate has been in effect for the prior interest period, however, it will remain in effect for the new interest period.

EURIBOR Notes. If you purchase a EURIBOR note, your note will bear interest at an interest rate equal to the interest rate for deposits in euro, designated as “EURIBOR” and sponsored jointly by the European Banking Federation and ACI — the Financial Market Association, or any company established by the joint sponsors for purposes of compiling and publishing that rate. In addition, when EURIBOR is the interest rate basis the EURIBOR base rate will be adjusted by the spread or spread multiplier, if any, specified in the relevant pricing supplement. EURIBOR will be determined in the following manner:

- EURIBOR will be the offered rate for deposits in euros having the index maturity specified in the relevant pricing supplement, beginning on the second euro business day after the relevant EURIBOR interest determination date, as that rate appears on *Refinitiv screen EURIBOR01 page* as of 11:00 A.M., Brussels time, on the relevant EURIBOR interest determination date.
- If the rate described above does not appear on Refinitiv screen EURIBOR01 page, EURIBOR will be determined on the basis of the rates, at approximately 11:00 A.M., Brussels time, on the relevant EURIBOR interest determination date, at which deposits of the following kind are offered to prime banks in the *euro-zone* interbank market by the principal euro-zone office of each of four major banks in that market selected by the calculation agent: euro deposits having the relevant index maturity, beginning on the relevant interest reset date, and in a representative amount. The calculation agent will

request the principal euro-zone office of each of these banks to provide a quotation of its rate. If at least two quotations are provided, EURIBOR for the relevant EURIBOR interest determination date will be the arithmetic mean of the quotations.

- If fewer than two quotations are provided as described above, EURIBOR for the relevant EURIBOR interest determination date will be the arithmetic mean of the rates for loans of the following kind to leading euro-zone banks quoted, at approximately 11:00 A.M., Brussels time on that EURIBOR interest determination date, by three major banks in the euro-zone selected by the calculation agent: loans of euros having the relevant index maturity, beginning on the relevant interest reset date, and in a representative amount.
- If fewer than three banks selected by the calculation agent are quoting as described above, EURIBOR for the new interest period will be EURIBOR in effect for the prior interest period. If the initial interest rate has been in effect for the prior interest period, however, it will remain in effect for the new interest period.

Treasury Rate Notes. If you purchase a treasury rate note, your note will bear interest at an interest rate equal to the treasury rate and adjusted by the spread or spread multiplier, if any, indicated in the relevant pricing supplement.

The treasury rate will be the rate for the auction, on the relevant treasury interest determination date, of treasury bills having the index maturity specified in the relevant pricing supplement, as that rate appears on *Refinitiv screen USAUCTION10 or USAUCTION11 page* under the heading “*INVEST RATE.*” If the treasury rate cannot be determined in this manner, the following procedures will apply.

- If the rate described above does not appear on either page at 3:00 P.M., New York City time, on the relevant interest calculation date, unless the calculation is made earlier and the rate is available from that source at that time, the treasury rate will be the *bond equivalent yield* of the rate, for the relevant treasury interest determination date, for the type of treasury bill described above, as announced by the U.S. Department of the Treasury.
- If the auction rate described in the prior paragraph is not so announced by 3:00 P.M., New York City time, on the relevant interest calculation date, or if no such auction is held for the relevant week, then the treasury rate will be the bond equivalent yield of the rate, for the relevant treasury interest determination date and for treasury bills having the specified index maturity, as published in H.15 under the heading “*U.S. government securities/Treasury bills (secondary market).*”
- If the rate described in the prior paragraph does not appear in H.15 at 3:00 P.M., New York City time, on the relevant interest calculation date, unless the calculation is made earlier and the rate is available from one of those sources at that time, then the treasury rate will be the rate, for the relevant treasury interest determination date and for treasury bills having a remaining maturity closest to the specified index maturity, as published in H.15, or another recognized electronic source used for displaying that rate, under the heading “*U.S. government securities/Treasury bills (secondary market).*”
- If the rate described in the prior paragraph does not appear in H.15 or another recognized electronic source at 3:00 P.M., New York City time, on the relevant interest calculation date, unless the calculation is made earlier and the rate is available from one of those sources at that time, the treasury rate will be the bond equivalent yield of the arithmetic mean of the following secondary market bid rates for the issue of treasury bills with a remaining maturity closest to the specified index maturity: the rates bid as of approximately 3:30 P.M., New York City time, on the relevant treasury interest determination date, by three primary U.S. government securities dealers in New York City selected by the calculation agent.
- If fewer than three dealers selected by the calculation agent are quoting as described in the prior paragraph, the treasury rate in effect for the new interest period will be the treasury rate in effect for the

prior interest period. If the initial interest rate has been in effect for the prior interest period, however, it will remain in effect for the new interest period.

CMT Rate Notes. If you purchase a CMT rate note, your note will bear interest at an interest rate equal to the CMT rate and adjusted by the spread or spread multiplier, if any, indicated in the relevant pricing supplement.

The CMT rate will be the following rate as published in H.15 opposite the heading “Treasury constant maturities,” as that rate is displayed on the *designated CMT Refinitiv page* under the column for the *designated CMT index maturity*:

- if the designated CMT Refinitiv page is Refinitiv screen FRBCMT page, the rate for the relevant interest determination date; or
- if the designated CMT Refinitiv page is Refinitiv screen FEDCMT page, the weekly or monthly average, as specified in the relevant pricing supplement, for the week that ends immediately before the week in which the relevant interest determination date falls, or for the month that ends immediately before the month in which the relevant interest determination date falls, as applicable.

If the CMT rate cannot be determined in this manner, the following procedures will apply.

- If the applicable rate described above is not displayed on the relevant designated CMT Refinitiv page at 3:00 P.M., New York City time, on the relevant interest determination date, unless the calculation is made earlier and the rate is available from that source at that time, then the CMT rate will be the applicable treasury constant maturity rate described above — *i.e.*, for the designated CMT index maturity and for either the relevant interest determination date or the weekly or monthly average, as applicable— as published in H.15 under the caption “Treasury constant maturities.”
- If the designated CMT Refinitiv page is FRBCMT and the applicable rate described above does not appear in H.15 at 3:00 P.M., New York City time, on the relevant interest determination date, unless the calculation is made earlier and the rate is available from one of those sources at that time, then the CMT rate will be the treasury constant maturity rate for the designated CMT index maturity and with reference to the relevant interest determination date, that:
- is published by the Board of Governors of the Federal Reserve System, or the U.S. Department of the Treasury; and
- is determined by the calculation agent to be comparable to the rate that would otherwise have been published in H.15.
- If the designated CMT Refinitiv page is FEDCMT and the applicable rate described above does not appear in H.15 at 3:00 P.M., New York City time, on the relevant interest determination date, unless the calculation is made earlier and the rate is available from that source at that time, the CMT rate will be the treasury constant maturity rate for the one-week or one-month rate, as applicable, for the designated CMT index maturity and with reference to the relevant interest determination date, that is otherwise announced by the Federal Reserve Bank of New York for the week or month, as applicable, immediately preceding that interest determination date.
- If the designated CMT Refinitiv page is FRBCMT the rate described in the second preceding paragraph does not appear at 3:00 P.M., New York City time, on the relevant interest determination date, unless the calculation is made earlier and the rate is available from one of those sources at that time, then the CMT rate will be the yield to maturity of the arithmetic mean of the following secondary market bid rates for the most recently issued treasury notes having an original maturity equal to the designated CMT index maturity and a remaining term to maturity of not less than the designated CMT index maturity minus one year, and in a representative amount: the bid rates, as of approximately 3:30 P.M., New York City time, on the relevant interest determination date, of three primary U.S. government securities dealers in New York City selected by the calculation agent. In selecting these bid rates, the

calculation agent will request quotations from five of these primary dealers and will disregard the highest quotation—or, if there is equality, one of the highest—and the lowest quotation—or, if there is equality, one of the lowest. If fewer than five but more than two such offered rates are provided, the CMT rate will be based on the arithmetic mean of the bid prices provided, and neither the highest nor lowest of such quotations will be eliminated. Treasury notes are direct, non-callable, fixed rate obligations of the U.S. government.

- If the designated CMT Refinitiv screen page is FEDCMT and the Federal Reserve Bank of New York does not publish a one-week or one-month rate, as applicable, for U.S. Treasury securities on the
- relevant interest determination date, unless the calculation is made earlier and the rate is available from one of those sources at that time, then the CMT rate will be the yield to maturity of the arithmetic mean of the following secondary market offered rates for the most recently issued treasury notes having an original maturity of approximately the designated CMT index maturity and a remaining term to maturity of not less than the designated CMT index maturity minus one year, and in a representative amount: the offered rates, as of approximately 3:30 P.M., New York City time, on the relevant interest determination date, of three primary U.S. government securities dealers in New York City selected by the calculation agent. In selecting these offered rates, the calculation agent will request quotations from five of these primary dealers and will disregard the highest quotation — or, if there is equality, one of the highest — and the lowest quotation or, if there is equality, one of the lowest. If fewer than five but more than two such offered rates are provided, the CMT rate will be based on the arithmetic mean of the bid prices provided, and neither the highest nor lowest of such quotations will be eliminated.
- If the calculation agent is unable to obtain three quotations of the kind described in the prior two paragraphs, the CMT rate will be the yield to maturity of the arithmetic mean of the following secondary market bid rates for treasury notes with an original maturity longer than the designated CMT index maturity, with a remaining term to maturity closest to the designated CMT index maturity and in a representative amount: the bid rates, as of approximately 3:30 P.M., New York City time, on the relevant interest determination date, of three primary U.S. government securities dealers in New York City selected by the calculation agent. In selecting these bid rates, the calculation agent will request quotations from five of these primary dealers and will disregard the highest quotation (or, if there is equality, one of the highest) and the lowest quotation (or, if there is equality, one of the lowest).
- If fewer than five but more than two of these primary dealers are quoting as described in the prior paragraph, then the CMT rate for the relevant interest determination date will be based on the arithmetic mean of the bid rates so obtained, and neither the highest nor the lowest of those quotations will be disregarded. If two treasury notes with an original maturity longer than the designated CMT index maturity have remaining terms to maturity that are equally close to the designated CMT index maturity, the calculation agent will obtain quotations for the treasury note with the shorter remaining term to maturity.
- If two or fewer primary dealers selected by the calculation agent are quoting as described above, the CMT rate in effect for the new interest period will be the CMT rate in effect for the prior interest period. If the initial interest rate has been in effect for the prior interest period, however, it will remain in effect for the new interest period.

CMS Rate Notes. If you purchase a CMS rate note, your note will bear interest at an interest rate equal to the CMS rate and adjusted by the spread or spread multiplier, if any, indicated in the relevant pricing supplement.

Unless we specify otherwise in the applicable pricing supplement, the CMS rate will be the rate for U.S. dollar swaps with a maturity for a specified number of years, expressed as a percentage in the applicable pricing supplement, which appears on the screen page specified in the applicable pricing supplement as of 11:00 a.m., New York City time, on the interest determination date. The floating reference rate measures the fixed rate of interest payable on a hypothetical fixed-for-floating U.S. dollar interest rate swap transaction with a maturity for

a specified number of years. In the hypothetical swap transaction, the fixed rate of interest, payable annually on an Actual/360 day count basis, is exchangeable for a floating rate referencing SOFR compounded in arrears for twelve months (using standard market conventions).

If the CMS rate cannot be determined as described above, unless otherwise specified in the applicable pricing supplement, the following procedures will apply:

- If the applicable rate described above is not displayed on the relevant designated CMS screen by 11:00 A.M., New York City time, on the relevant interest determination date, then the CMS rate will be a percentage determined by the calculation agent after consulting such sources as the calculation agent deems comparable to the foregoing screen, or any other source that it deems reasonable.
- Notwithstanding the above, if the calculation agent determines prior to any interest reset date that the CMS rate has been discontinued prior to the maturity date of the notes, then the fallback provisions described below will apply to the CMS rate and the floating interest rate will be determined accordingly.
- Notwithstanding the foregoing, if the CMS rate has been permanently or indefinitely discontinued, then the Bank or its designee will select a substitute rate for each future interest reset date with reference to (1) any alternative reference rate selected by the central bank, reserve bank, monetary authority or any similar institution (including by the Alternative Reference Rate Committee or any other committee or working group thereof) and (2) accepted market practice and usage (the “*Alternative Rate*”). Upon selecting an Alternative Rate, the spread, business days, the day count fraction, interest reset dates, floating interest periods, interest payment dates and any other terms of the notes, in each case that the Bank or its designee determines are consistent with accepted market practice for the use of such Alternative Rate for debt obligations such as the notes or are reasonably necessary for administrative or operational reasons irrespective of whether any such change is consistent with accepted market practices. The Bank or its designee will select an Alternative Rate and make any adjustments with a view to maintaining, to the extent practicable, your economic position as a holder of the notes.
- If the CMS rate has been permanently or indefinitely discontinued and the Bank or its designee is unable or unwilling to determine an Alternative Rate prior to an interest reset date, then the CMS rate for the relevant interest period will be the CMS rate in effect for the immediately preceding interest period determined in the manner described above, as of the last day such rate was published on the relevant screen.

CPI Rate Notes. If you purchase a CPI rate note, your note will bear interest at an interest rate equal to the CPI rate and adjusted by the spread or spread multiplier, if any, indicated in the relevant pricing supplement.

Except as otherwise specified in the relevant pricing supplement, the CPI rate will be the rate, determined as of the relevant interest determination date, expressed as a percentage and calculated in accordance with the following formula:

$$\text{CPI rate} = \frac{(C-P)}{P} - 1$$

- “C” means the CPI (as defined below) applicable for the calendar month which is one month preceding the month of the relevant interest determination date;
- “P” means the CPI applicable for the calendar month which is twelve months immediately preceding the calendar month for which C is determined; and
- “CPI” means the non-seasonally adjusted U.S. City Average All Items Consumer Price Index for All Urban Consumers, published monthly by the Bureau of Labor Statistics of the U.S. Department of Labor. For reference purposes only, the CPI is available on Bloomberg page CPURNSA or any

successor service. In the event of an inconsistency between the CPI published on Bloomberg page CPURNSA and the CPI published by the Bureau of Labor Statistics, the CPI shall be the CPI published by the Bureau of Labor Statistics.

Federal Funds Rate Notes. If you purchase a federal funds rate note, your note will bear interest at an interest rate equal to the federal funds rate and adjusted by the spread or spread multiplier, if any, indicated in the relevant pricing supplement.

The federal funds rate will be the rate for U.S. dollar federal funds on the relevant interest determination date, as published in H.15 under the heading “*Federal funds (effective)*,” as that rate is displayed on **Refinitiv screen FEDFUNDS1** page under the heading “EFFECT.” If the federal funds rate cannot be determined in this manner, the following procedures will apply.

- If the rate described above is not displayed on Refinitiv screen FEDFUNDS1 page at 3:00 P.M., New York City time, on the relevant interest calculation date, unless the calculation is made earlier and the rate is available from that source at that time, then the federal funds rate, for the relevant interest determination date, will be the rate described above as published in H.15, or another recognized electronic source used for displaying that rate, under the heading “*Federal funds (effective)*.”
- If the rate described above is not displayed on Refinitiv screen FEDFUNDS1 page and does not appear in H.15 or another recognized electronic source at 3:00 P.M., New York City time, on the relevant interest determination date, unless the calculation is made earlier and the rate is available from one of those sources at that time, the federal funds rate will be the arithmetic mean of the rates for the last transaction in overnight, U.S. dollar federal funds arranged, before 9:00 A.M., New York City time, on the business day following the relevant interest determination date, by three leading brokers of U.S. dollar federal funds transactions in New York City selected by the calculation agent.
- If fewer than three brokers selected by the calculation agent are quoting as described above, the federal funds rate in effect for the new interest period will be the federal funds rate in effect for the prior interest period. If the initial interest rate has been in effect for the prior interest period, however, it will remain in effect for the new interest period.

SOFR Notes. If you purchase a SOFR note, your note will bear interest at an interest rate equal to Compounded SOFR, as noted in the relevant pricing supplement. In addition, when Compounded SOFR is the interest rate basis the applicable Compounded SOFR rate will be adjusted by the spread or spread multiplier, if any, indicated in the relevant pricing supplement. If the calculation agent determines that a Benchmark Transition Event and its related Benchmark Replacement Date have occurred prior to the Reference Time in respect of any determination of the Benchmark on any date, the Benchmark Replacement will replace the then-current Benchmark for all purposes relating to the notes in respect of such determination on such date and all determinations on all subsequent dates. In connection with the implementation of a Benchmark Replacement, the calculation agent will have the right to make Benchmark Replacement Conforming Changes from time to time. Any determination, decision or election that may be made by the calculation agent pursuant to the benchmark replacement provisions described herein, including any determination with respect to tenor, rate or adjustment or of the occurrence or non-occurrence of an event, circumstance or date and any decision to take or refrain from taking any action or any selection will be conclusive and binding absent manifest error, may be made in the calculation agent’s sole discretion, and, notwithstanding anything to the contrary in this prospectus supplement and the accompanying prospectus relating to the notes, shall become effective without consent from any other party. Unless the calculation agent uses a Benchmark Replacement as so provided, Compounded SOFR will be determined by the calculation agent in accordance with the following formula:

$$\left(\frac{SOFR\ Index_{End}}{SOFR\ Index_{Start}} - 1 \right) \times \frac{360}{d}$$

where:

“*SOFR Index_{Start}*” = The SOFR Index value on the day which is two U.S. government securities business days preceding the first date of the relevant interest period;

“*SOFR Index_{End}*” = The SOFR Index value on the Interest Payment Determination Date relating to the applicable Interest Payment Date; and

“d” is the number of calendar days in the relevant Observation Period.

For purposes of determining Compounded SOFR, “SOFR Index” means, with respect to any U.S. government securities business day:

- (1) the SOFR Index published for such U.S. government securities business day as such value appears on the Federal Reserve Bank of New York’s Website at 3:00 p.m. (New York time) on such U.S. government securities business day (the “*SOFR Index Determination Time*”); or
- (2) if the SOFR Index specified in (1) above does not so appear, unless both a Benchmark Transition Event and its related Benchmark Replacement Date have occurred with respect to SOFR, then Compounded SOFR shall be the rate determined pursuant to the “SOFR Index Unavailability” provisions below.

Notwithstanding anything to the contrary in the documentation relating to the Notes, if the calculation agent determines on or prior to the relevant Reference Time that a Benchmark Transition Event and its related Benchmark Replacement Date have occurred with respect to determining Compounded SOFR, then the benchmark replacement provisions set forth will thereafter apply to all determinations of the rate of interest payable on the Notes.

For the avoidance of doubt, in accordance with the benchmark replacement provisions, after a Benchmark Transition Event and its related Benchmark Replacement Date have occurred, the interest payable for each interest period on the Notes will be an annual rate equal to the sum of the Benchmark Replacement and the applicable margin.

For purposes of this subsection entitled “*SOFR Notes*” and the below subsection entitled “*SOFR Index Unavailability*,” we define the terms “Benchmark,” “Benchmark Replacement,” and “Observation Period” as follows:

“*Benchmark*” means, initially, Compounded SOFR, as such term is defined above; provided that if a Benchmark Transition Event and its related Benchmark Replacement Date have occurred with respect to Compounded SOFR (or the published SOFR Index used in the calculation thereof) or the then-current Benchmark, then “Benchmark” means the applicable Benchmark Replacement.

“*Benchmark Replacement*” means the first alternative set forth in the order below that can be determined by the calculation agent as of the Benchmark Replacement Date:

- (1) the sum of: (a) an alternate rate of interest that has been selected or recommended by the Relevant Governmental Body as the replacement for the then-current Benchmark for the applicable Corresponding Tenor and (b) the Benchmark Replacement Adjustment;
- (2) the sum of: (a) the ISDA Fallback Rate and (b) the Benchmark Replacement Adjustment; and

provided that if (i) the Benchmark Replacement cannot be determined in accordance with clause (1) or (2) above as of the Benchmark Replacement Date or (ii) the calculation agent shall have determined that the ISDA Fallback Rate determined in accordance with clause (2) above is not an industry-accepted rate of interest as a replacement for the then-current Benchmark for U.S. dollar-denominated floating rate notes at such time, then the Benchmark Replacement shall be the sum of: (a) the alternate rate of interest that has been selected by the

calculation agent as the replacement for the then-current Benchmark for the applicable Corresponding Tenor giving due consideration to any industry-accepted rate of interest as a replacement for the then-current Benchmark for U.S. dollar denominated floating rate notes at such time and (b) the Benchmark Replacement Adjustment.

“*Observation Period*” means, in respect of each interest period, the period from, and including, the date two U.S. government securities business days preceding the first date in such interest period to, but excluding, the date two U.S. government securities business days preceding the interest payment date for such interest period.

SOFR Index Unavailability

If a SOFR Index_{Start} or SOFR Index_{End} is not published on the associated interest determination date and a Benchmark Transition Event and its related Benchmark Replacement Date have not occurred with respect to SOFR, “Compounded SOFR” means, for the applicable interest period for which such index is not available, the rate of return on a daily compounded interest investment calculated in accordance with the formula for SOFR Averages, and definitions required for such formula, published on the Federal Reserve Bank of New York’s Website at <https://www.newyorkfed.org/markets/treasury-repo-reference-rates-information>.

For the purposes of this provision, references in the SOFR Averages compounding formula and related definitions to “calculation period” shall be replaced with “Observation Period” and the words “that is, 30-, 90-, or 180- calendar days” shall be removed. If the daily SOFR (“SOFR_i”) does not so appear for any day, “i” in the Observation Period, SOFR_i for such day “i” shall be SOFR published in respect of the first preceding U.S. government securities business day for which SOFR was published on the Federal Reserve Bank of New York’s Website.

Special Rate Calculation Terms. In this subsection entitled “*Interest Rates*,” we use several terms that have special meanings relevant to calculating floating interest rates. We define these terms as follows:

The term “*Benchmark Replacement Adjustment*” means the first alternative set forth in the order below that can be determined by the calculation agent as of the Benchmark Replacement Date:

- (1) the spread adjustment (which may be a positive or negative value or zero), or method for calculating or determining such spread adjustment, that has been selected or recommended by the Relevant Governmental Body for the applicable Unadjusted Benchmark Replacement;
- (2) if the applicable Unadjusted Benchmark Replacement is equivalent to the ISDA Fallback Rate, then the ISDA Fallback Adjustment; and
- (3) the spread adjustment (which may be a positive or negative value or zero) that has been selected by the calculation agent giving due consideration to any industry-accepted spread adjustment, or method for calculating or determining such spread adjustment, for the replacement of the then-current Benchmark with the applicable Unadjusted Benchmark Replacement for U.S. dollar denominated floating rate notes at such time.

The term “*Benchmark Replacement Conforming Changes*” means, with respect to any Benchmark Replacement, any technical, administrative or operational changes (including changes to the definitions or interpretations of “interest period,” the timing and frequency of determining rates, and making payments of interest, the rounding of amounts or tenors and other administrative matters) that the calculation agent decides may be appropriate to reflect the adoption of such Benchmark Replacement in a manner substantially consistent with market practice (or, if the calculation agent decides that adoption of any portion of such market practice is not administratively feasible or if the calculation agent determines that no market practice for use of the Benchmark Replacement exists, in such other manner as the calculation agent determines is reasonably practicable).

The term “*Benchmark Replacement Date*” means the earliest to occur of the following events with respect to the then-current Benchmark:

- (1) in the case of clause (1) or (2) of the definition of “Benchmark Transition Event,” the later of (a) the date of the public statement or publication of information referenced therein and (b) the date on which the administrator of the Benchmark permanently or indefinitely ceases to provide the Benchmark; or
- (2) in the case of clause (3) of the definition of “Benchmark Transition Event,” the date of the public statement or publication of information referenced therein.

For the avoidance of doubt, if the event giving rise to the Benchmark Replacement Date occurs on the same day as, but earlier than, the Reference Time in respect of any determination, the Benchmark Replacement Date will be deemed to have occurred prior to the Reference Time for such determination.

For the avoidance of doubt, for purposes of the definitions of Benchmark Replacement Date and Benchmark Transition Event, references to Benchmark also include any reference rate underlying such Benchmark.

The term “*Benchmark Transition Event*” means the occurrence of one or more of the following events with respect to the then-current Benchmark:

- (1) a public statement or publication of information by or on behalf of the administrator of the Benchmark announcing that such administrator has ceased or will cease to provide the Benchmark, permanently or indefinitely, *provided* that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark;
- (2) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark, the central bank for the currency of the Benchmark, an insolvency official with jurisdiction over the administrator for the Benchmark, a resolution authority with jurisdiction over the administrator for the Benchmark or a court or an entity with similar insolvency or resolution authority over the administrator for the Benchmark, which states that the administrator of the Benchmark has ceased or will cease to provide the Benchmark permanently or indefinitely, *provided* that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark; or
- (3) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark announcing that the Benchmark is no longer representative.

The term “*bond equivalent yield*” means a yield expressed as a percentage and calculated in accordance with the following formula:

$$\text{bond equivalent yield} = \frac{D \times N}{360 - (D \times M)} \times 100$$

Where

“*D*” means the annual rate for treasury bills quoted on a bank discount basis and expressed as a decimal;

“*N*” means 365 or 366, as the case may be; and

“*M*” means the actual number of days in the applicable interest reset period.

The term “*business day*” means, for any note, a day that meets all the following applicable requirements:

- for all notes (except SOFR notes), is a Monday, Tuesday, Wednesday, Thursday or Friday that is neither a legal holiday nor a day on which banking institutions are authorized or obligated by law or executive order to close in New York City or Toronto;

- if the note has a specified currency other than U.S. dollars or euros, is also a day on which banking institutions are not authorized or obligated by law or executive order to close in the applicable principal financial center;
- if the note is a EURIBOR note or has a specified currency of euros, is also a euro business day; and
- if the note is a SOFR note, is a U.S. government securities business day.

The term “*Corresponding Tenor*” with respect to a Benchmark Replacement means a tenor (including overnight) having approximately the same length (disregarding business day adjustment) as the applicable tenor for the then-current Benchmark.

The term “*designated CMT index maturity*” means the index maturity for a CMT rate note and will be the original period to maturity of a U.S. treasury security — either 1, 2, 3, 5, 7, 10, 20 or 30 years — specified in the relevant pricing supplement.

The term “*designated CMT Refinitiv page*” means the Refinitiv page mentioned in the relevant pricing supplement that displays treasury constant maturities as reported in H.15. If no Refinitiv page is so specified, then the applicable page will be Refinitiv screen FEDCMT page. If Refinitiv screen FEDCMT page applies but the relevant pricing supplement does not specify whether the weekly or monthly average applies, the weekly average will apply.

The term “*euro business day*” means any day on which the Trans-European Automated Real-Time Gross Settlement Express Transfer (TARGET2) System, or any successor system, is open for business.

The term “*euro-zone*” means, at any time, the region comprised of the member states of the European Economic and Monetary Union that, as of that time, have adopted a single currency in accordance with the Treaty on European Union of February 1992, as it may be amended from time to time.

The term “*U.S. government securities business day*” means any day except for a Saturday, a Sunday or a day on which the Securities Industry and Financial Markets Association recommends that the fixed income departments of its members be closed for the entire day for purposes of trading in U.S. government securities.

The term “*Federal Reserve Bank of New York’s Website*” means the website of the Federal Reserve Bank of New York, currently at <http://www.newyorkfed.org>, or any successor source. We are not incorporating by reference the website or any material it includes in this prospectus supplement.

The term “*H.15*” means the daily update of H.15 available through the website of the Board of Governors of the Federal Reserve System, at <http://www.federalreserve.gov/releases/h15>, or any successor site or publication.

The term “*index maturity*” means, with respect to a floating rate note, the period to maturity of the instrument or obligation on which the interest rate formula is based, as specified in the relevant pricing supplement.

The term “*ISDA Definitions*” means the 2006 ISDA Definitions published by the International Swaps and Derivatives Association, Inc. or any successor thereto, as amended or supplemented from time to time, or any successor definitional booklet for interest rate derivatives published from time to time.

The term “*ISDA Fallback Adjustment*” means the spread adjustment (which may be a positive or negative value or zero) that would apply for derivatives transactions referencing the ISDA Definitions to be determined upon the occurrence of an index cessation event with respect to the Benchmark for the applicable tenor.

The term “*ISDA Fallback Rate*” means the rate that would apply for derivatives transactions referencing the ISDA Definitions to be effective upon the occurrence of an index cessation date with respect to the Benchmark for the applicable tenor excluding the applicable ISDA Fallback Adjustment.

The term “*money market yield*” means a yield expressed as a percentage and calculated in accordance with the following formula:

$$\text{money market yield} = \frac{D \times 360}{360 - (D \times M)} \times 100$$

where

“*D*” means the annual rate for commercial paper quoted on a bank discount basis and expressed as a decimal; and

“*M*” means the actual number of days in the relevant interest reset period.

The term “*principal financial center*” means the capital city of the country to which an index currency relates (or the capital city of the country issuing the specified currency, as applicable), except that with respect to U.S. dollars, Australian dollars, Canadian dollars, South African rands and Swiss francs, the “*principal financial center*” means The City of New York, Sydney, Toronto, Johannesburg and Zurich, respectively, and with respect to euros, the principal financial center means London.

The term “*representative amount*” means an amount that, in the calculation agent’s judgment, is representative of a single transaction in the relevant market at the relevant time.

The term “*Reference Time*” with respect to any determination of the Benchmark means (1) if the Benchmark is Compounded SOFR, the SOFR Index Determination Time, as such time is defined above, and (2) if the Benchmark is not Compounded SOFR, the time determined by the calculation agent in accordance with the Benchmark Replacement Conforming Changes.

The term “*Relevant Governmental Body*” means the Federal Reserve Board and/or the Federal Reserve Bank of New York, or a committee officially endorsed or convened by the Federal Reserve Board and/or the Federal Reserve Bank of New York or any successor thereto.

The term “*Refinitiv screen*” means the display on the Thomson Refinitiv 3000 Xtra service, or any successor or replacement service, on the page or pages specified in this prospectus supplement or in the relevant pricing supplement, or any successor or replacement page or pages on that service.

The term “*Refinitiv screen EURIBOR01 page*” means the display on the Refinitiv screen page titled “EURIBOR01” on which EURIBOR rates of major banks for the euro are displayed.

The term “*Refinitiv screen FEDFUNDS1 page*” means the display on the Refinitiv screen page titled “FEDFUNDS1” on which U.S. dollar federal funds rates are displayed.

The term “*Refinitiv screen USAUCTION10 or USAUCTION11 page*” means the display on the Refinitiv screen page titled “USAUCTION10” or “USAUCTION11” on which U.S. Treasury auction rates are displayed.

The term “*Refinitiv screen US PRIME 1 page*” means the display on the Refinitiv screen page titled “US PRIME 1” for the purpose of displaying prime rates or base lending rates of major U.S. banks.

The term “*SOFR*” with respect to any day means the secured overnight financing rate published for such day by the Federal Reserve Bank of New York, as the administrator of the benchmark (or a successor administrator), on the Federal Reserve Bank of New York’s Website.

The term “*Term SOFR*” means the forward-looking term rate for the applicable Corresponding Tenor based on SOFR that has been selected or recommended by the Relevant Governmental Body.

The term “*Unadjusted Benchmark Replacement*” means the Benchmark Replacement excluding the Benchmark Replacement Adjustment.

If, when we use the terms designated CMT Refinitiv page, H.15, Refinitiv screen EURIBOR01 page, Refinitiv screen FEDFUNDS1 page, Refinitiv screen USAUCTION10 or USAUCTION11 page or Refinitiv screen US PRIME 1 page, or, we refer to a particular heading or headings on any of those pages, those references include any successor or replacement heading or headings as determined by the calculation agent.

Decisions and Determinations. Any determination, decision or election that may be made by the calculation agent or us pursuant to the benchmark replacement provisions described in this subsection entitled “*Interest Rates*,” including any determination with respect to tenor, rate or adjustment or of the occurrence or non-occurrence of an event, circumstance or date and any decision to take or refrain from taking any action or any selection:

- will be conclusive and binding absent manifest error, may be made in the calculation agent’s sole discretion, and, notwithstanding anything to the contrary in this pricing supplement and the accompanying prospectus supplement and prospectus relating to the Notes;
- if made by us, will be made in our sole discretion;
- if made by the calculation agent, will be made after consultation with us, and the calculation agent will not make any such determination, decision or election to which we object; and
- shall become effective without consent from any other party.

Any determination, decision or election pursuant to the benchmark replacement provisions not made by the calculation agent will be made by us on the basis as described above. The calculation agent shall have no liability for not making any such determination, decision or election. In addition, we may designate an entity (which may be our affiliate) to make any determination, decision or election that we have the right to make in connection with the benchmark replacement provisions set forth in this pricing supplement.

Payment Mechanics

Who Receives Payment?

If interest is due on a note on an interest payment date, we will pay the interest to the person or entity in whose name the note is registered at the close of business on the regular record date relating to the interest payment date. If interest is due at maturity but on a day that is not an interest payment date, we will pay the interest to the person or entity entitled to receive the principal of the note. If principal or another amount besides interest is due on a note at maturity, we will pay the amount to the holder of the note against surrender of the note at a proper place of payment (or, in the case of a global note, in accordance with the applicable policies of the depository).

How We Will Make Payments Due in U.S. Dollars

We will follow the practice described in this subsection when paying amounts due in U.S. dollars. Payments of amounts due in other currencies will be made as described in the next subsection.

Payments on Global Notes. We will make payments on a global note directly to the registered holder, which will be the depository or its nominee, and otherwise in accordance with the applicable policies of the depository as in effect from time to time. We will not make payments to any indirect holders who own beneficial interests in the global note. An indirect holder’s right to receive those payments will be governed by the rules and practices of the depository and its participants, as described under “*Global Notes*” and in the accompanying prospectus in the section “*Description of Debt Securities We May Offer — Legal Ownership and Book-Entry Issuance.*”

Payments on Non-Global Notes. We will make payments on a note in non-global form as follows. We will pay interest that is due on an interest payment date by check mailed on the interest payment date to the holder at his or her address shown on the trustee's records as of the close of business on the regular record date. We will make all other payments by check at the paying agent described below, against surrender of the note in the case of principal and any other amounts due at maturity. All payments by check will be made in next-day funds — *i.e.*, funds that become available on the day after the check is cashed.

Alternatively, if a non-global note has a face amount of at least \$1,000,000 and the holder asks us to do so, we will pay any amount that becomes due on the note by wire transfer of immediately available funds to an account at a bank in New York City, on the due date. To request wire payment, the holder must give the paying agent appropriate wire transfer instructions at least five business days before the requested wire payment is due. In the case of any interest payment due on an interest payment date, the instructions must be given by the person or entity who is the holder on the relevant regular record date. In the case of any other payment, payment will be made only after the note is surrendered to the paying agent. Any wire instructions, once properly given, will remain in effect unless and until new instructions are given in the manner described above.

Book-entry and other indirect holders should consult their banks or brokers for information on how they will receive payments on their notes.

How We Will Make Payments Due In Other Currencies

We will follow the practice described in this subsection when paying amounts that are due in a specified currency other than U.S. dollars.

Payments on Global Notes. We will make payments on a global note in accordance with the relevant policies as in effect from time to time of the depository, which, unless otherwise specified in the relevant pricing supplement or product supplement, will be DTC, Euroclear or Clearstream. Unless we specify otherwise in the relevant pricing supplement or product supplement, DTC will be the depository for all notes in global form. We understand that DTC's policies, as currently in effect, are as follows.

Unless otherwise indicated in the relevant pricing supplement or product supplement, if you are an indirect holder of global notes denominated in a specified currency other than U.S. dollars and if you elect to receive payments in that other currency, you must notify the participant through which your interest in the global note is held of your election:

- on or before the applicable regular record date, in the case of a payment of interest, or
- on or before the 16th day prior to stated maturity, or on or before any redemption or repayment date, in the case of payment of principal or any premium.

You may elect to receive all or only a portion of any interest, principal or premium payment in a specified currency other than U.S. dollars.

Your participant must, in turn, notify DTC of your election on or before the third DTC business day after that regular record date, in the case of a payment of interest, and on or before the 12th DTC business day prior to stated maturity, or on the redemption or repayment date if your note is redeemed or repaid earlier, in the case of a payment of principal or any premium.

DTC, in turn, will notify the paying agent of your election in accordance with DTC's procedures.

If complete instructions are received by the participant and forwarded by the participant to DTC, and by DTC to the paying agent, on or before the dates noted above, the paying agent, in accordance with DTC's

instructions will make the payments to you or your participant by wire transfer of immediately available funds to an account maintained by the payee with a bank located in the country issuing the specified currency or in another jurisdiction acceptable to us and the paying agent.

If the foregoing steps are not properly completed, we expect DTC to inform the paying agent that payment is to be made in U.S. dollars. In that case, we or our agent will convert the payment to U.S. dollars in the manner described below under “Conversion to U.S. Dollars.” We expect that we or our agent will then make the payment in U.S. dollars to DTC and that DTC in turn will pass it along to its participants.

Indirect holders of a global note denominated in a currency other than U.S. dollars should consult their banks or brokers for information on how to request payment in the specified currency.

Payments on Non-Global Notes. Except as described in the last paragraph under this heading, we will make payments on notes in non-global form in the applicable specified currency. We will make these payments by wire transfer of immediately available funds to any account that is maintained in the applicable specified currency at a bank designated by the holder that is acceptable to us and the trustee. To designate an account for wire payment, the holder must give the paying agent appropriate wire instructions at least five business days before the requested wire payment is due. In the case of any interest payment due on an interest payment date, the instructions must be given by the person or entity who is the holder on the regular record date. In the case of any other payment (including payments of principal and any other amounts due at maturity), the payment will be made only after the note is surrendered to the paying agent. Any instructions, once properly given, will remain in effect unless and until new instructions are properly given in the manner described above.

If a holder fails to give instructions as described above, we will notify the holder at the address in the trustee’s records and will make the payment within five business days after the holder provides appropriate instructions. With respect to payments of interest, if the holder fails to give appropriate instructions for payment within 30 days after the notice described above has been delivered, we may, but are not required to, at our option, make such interest payment by check mailed to the holder at his or her address shown on the trustee’s records as of the close of business on the applicable regular record date. Any late payment made in these circumstances will be treated under the indenture as if made on the due date, and no interest will accrue on the late payment from the due date to the date paid.

Although a payment on a note in non-global form may be due in a specified currency other than U.S. dollars, we will make the payment in U.S. dollars if the holder asks us to do so. To request U.S. dollar payment, the holder must provide appropriate written notice to the trustee at least five business days before the next due date for which payment in U.S. dollars is requested. In the case of any interest payment due on an interest payment date, the request must be made by the person or entity who is the holder on the regular record date. Any request, once properly made, will remain in effect unless and until revoked by notice properly given in the manner described above.

Book-entry and other indirect holders of a note with a specified currency other than U.S. dollars should contact their banks or brokers for information about how to receive payments in the specified currency or in U.S. dollars.

Conversion to U.S. Dollars. When we are asked by a holder to make payments in U.S. dollars of an amount due in another currency, either on a global note or a non-global note as described above, the exchange rate agent described below will calculate the U.S. dollar amount the holder receives in the exchange rate agent’s discretion.

A holder that requests payment in U.S. dollars will bear all associated currency exchange costs, which will be deducted from the payment.

When the Specified Currency is Not Available. If we are obligated to make any payment in a specified currency other than U.S. dollars, and the specified currency or any successor currency is not available to us due to circumstances beyond our control — such as the imposition of exchange controls or a disruption in the currency markets — we will be entitled to satisfy our obligation to make the payment in that specified currency by making the payment in U.S. dollars, on the basis of the exchange rate determined by the exchange rate agent described below, in its discretion.

The foregoing will apply to any note, whether in global or non-global form, and to any payment, including a payment at maturity. Any payment made under the circumstances and in a manner described above will not result in a default under any note or the indenture.

Exchange Rate Agent. If we issue a note in a specified currency other than U.S. dollars, we will appoint a financial institution to act as the exchange rate agent and will name the institution initially appointed when the note is originally issued in the relevant pricing supplement or product supplement. We may select BMO Capital Markets Corp. or another of our affiliates to perform this role. We may change the exchange rate agent from time to time after the original issue date of the note without your consent and without notifying you of the change.

All determinations made by the exchange rate agent will be at its sole discretion unless we state in the relevant pricing supplement or product supplement that any determination requires our approval. In the absence of manifest error, those determinations will be conclusive for all purposes and binding on you and us, without any liability on the part of the exchange rate agent.

Payment When Offices Are Closed

If any payment is due on a note on a day that is not a business day, we will make the payment on the next day that is a business day. Payments postponed to the next business day in this situation will be treated under the indenture as if they were made on the original due date. Postponement of this kind will not result in a default under any note or the indenture, and no interest will accrue on the postponed amount from the original due date to the next day that is a business day. The term business day has a special meaning, which we describe above under “*Description of the Notes We May Offer — Interest Rates — Floating Rate Notes — Special Rate Calculation Terms.*”

Paying Agent

We may appoint one or more financial institutions to act as our paying agents, at whose designated offices notes in non-global form may be surrendered for payment at their maturity. We call each of those offices a paying agent. We are required to appoint a paying agent in each place of payment for the notes. We may add, replace or terminate paying agents from time to time. We may also choose to act as our own paying agent. We have appointed Computershare Trust Company, N.A. as the initial paying agent for our senior medium-term notes, Series H. We have appointed The Bank of New York Mellon as the initial paying agent for our senior medium-term notes, Series I. We must notify you of changes in the paying agents.

Unclaimed Payments

Regardless of who acts as paying agent, all money paid by us to a paying agent that remains unclaimed at the end of two years after the amount is due to a holder will be repaid to us. After that two-year period, the holder may look only to us for payment and not to the trustee, any other paying agent or anyone else.

Notices

Notices to be given to holders of a global note will be given only to the depositary, in accordance with its applicable policies as in effect from time to time. Notices to be given to holders of notes not in global form will be sent by mail to the respective addresses of the holders as they appear in the trustee’s records, and will be deemed given when mailed.

Neither the failure to give any notice to a particular holder, nor any defect in a notice given to a particular holder, will affect the sufficiency of any notice given to another holder.

Book-entry and other indirect holders should consult their banks or brokers for information on how they will receive notices.

Withholding

The Bank or the applicable paying agent will deduct or withhold from a payment on a note any present or future tax, duty, assessment or other governmental charge that the Bank determines is required by law or the interpretation or administration thereof to be deducted or withheld. Payments on a note will not be increased by any amount to offset such deduction or withholding, unless otherwise specified in the relevant pricing supplement and/or product supplement.

Other Provisions; Addenda

Any provisions relating to the notes, including the determination of the interest rate basis, calculation of the interest rate applicable to a floating rate note, its interest payment dates, any redemption or repayment provisions, or any other term relating thereto, may be modified and/or supplemented by the terms as specified under “*Other Provisions*” on the face of the applicable notes or in an addendum relating to the applicable notes, if so specified on the face of the applicable notes, and, in each case, in the relevant pricing supplement and/or product supplement.

CERTAIN INCOME TAX CONSEQUENCES

Certain Canadian Income Tax Considerations

In the opinion of Osler, Hoskin & Harcourt LLP, the following summary describes the principal Canadian federal income tax considerations generally applicable to a holder of notes who acquires, as beneficial owner, notes pursuant to this prospectus supplement and, where notes are bail-inable notes, common shares of the Bank or any affiliate of the Bank on a bail-in conversion (“*Common Shares*”), and who, at all relevant times, for the purposes of the *Income Tax Act* (Canada) and the regulations thereunder (collectively the “*Act*”) and any applicable income tax convention, (i) is not resident and is not deemed to be resident in Canada, (ii) deals at arm’s length with the Bank, any issuer of Common Shares, and with any Canadian resident (or deemed Canadian resident) to whom the holder disposes of notes, (iii) is not a “specified non-resident shareholder” of the Bank for purposes of subsection 18(5) of the Act or a non-resident person not dealing at arm’s length with a “specified shareholder” of the Bank for purposes of subsection 18(5) of the Act, (iv) does not use or hold notes or Common Shares in or in the course of a business carried on or deemed to be carried on in Canada, (v) is entitled to receive all payments made in respect of the notes and (vi) is not an insurer that carries on an insurance business in Canada and elsewhere (a “*Non-resident Holder*”).

This summary is based upon the provisions of the Act in force on the date hereof and an understanding of the current administrative policies and assessing practices of the Canada Revenue Agency published in writing prior to the date hereof. This summary takes into account all specific proposals to amend the Act publicly announced by or on behalf of the Minister of Finance (Canada) prior to the date hereof (the “*Proposed Amendments*”) and assumes that all Proposed Amendments will be enacted in the form proposed. However, no assurances can be given that the Proposed Amendments will be enacted as proposed, or at all. This summary does not otherwise take into account or anticipate any changes in law or administrative policy or assessing practice, whether by legislative, regulatory, administrative or judicial action, nor does it take into account provincial, territorial or foreign income tax legislation, which may differ from those discussed herein. Subsequent developments could have a material effect on the following description. This summary assumes that no interest paid on the notes will be in respect of a debt or other obligation to pay an amount to a person with whom the Bank does not deal at arm’s length, within the meaning of the Act.

This summary is of a general nature only and is not exhaustive of all Canadian federal income tax considerations. It is not intended to be legal or tax advice to any particular holder, or in respect of any particular issuance of notes, the terms and conditions of which will be material to the Canadian federal income tax considerations with respect thereto. The Canadian federal income tax considerations may be supplemented, amended and/or replaced in a pricing supplement or product supplement based on the terms and conditions of the notes issued pursuant to such pricing supplement or product supplement, as the case may be. Accordingly, prospective purchasers of notes should consult their own tax advisors with respect to their particular circumstances, and in any event where notes are otherwise issued without disclosure of Canadian federal income tax considerations.

For purposes of the Act, all amounts not otherwise expressed in Canadian dollars must be converted into Canadian dollars based on the single day exchange rate quoted by the Bank of Canada or such other rate that is acceptable to the Minister of National Revenue (Canada).

Interest paid or credited or deemed for purposes of the Act to be paid or credited on a note (including amounts on account or in lieu of payment of, or in satisfaction of, interest) to a Non-resident Holder will not be subject to Canadian non-resident withholding tax, unless any portion of such interest (other than on a “prescribed obligation” described below) is contingent or dependent on the use of or production from property in Canada or is computed by reference to revenue, profit, cash flow, commodity price or any other similar criterion or by reference to dividends paid or payable to shareholders of any class or series of shares of the capital stock of a corporation (“*Participating Debt Interest*”). A “prescribed obligation” is a debt obligation the terms or conditions

of which provide for an adjustment to an amount payable in respect of the obligation for a period during which the obligation was outstanding which adjustment is determined by reference to a change in the purchasing power of money and no amount payable in respect thereof, other than an amount determined by reference to a change in the purchasing power of money, is contingent or dependent on the use of or production from property in Canada or is computed by reference to any of the criteria described in the definition of Participating Debt Interest. If any interest payable on a note, or any portion of the principal amount of a note in excess of its issue price, is to be calculated by reference to an index or formula, interest on the note, together with any such portion of such principal, may be subject to Canadian non-resident withholding tax.

In the event that a note which is not exempt from Canadian withholding tax under its terms is redeemed, cancelled, repurchased or purchased by the Bank or any other person resident or deemed to be resident in Canada from a Non-resident Holder or is otherwise assigned or transferred by a Non-resident Holder to a person resident or deemed to be resident in Canada for an amount which exceeds, generally, the issue price thereof, the excess may be deemed to be interest and may, together with any interest that has accrued or has been deemed to have accrued on the note to that time, be subject to non-resident withholding tax. Such excess will not be subject to withholding tax if, in certain circumstances, the note is considered an “excluded obligation” for purposes of the Act. A note will be an excluded obligation for this purpose if it is not an “indexed debt obligation” (defined below) and it was issued for an amount not less than 97% of the principal amount (as defined for the purposes of the Act) of the note, and the yield from which, expressed in terms of an annual rate (determined in accordance with the Act) on the amount for which the note was issued does not exceed 4/3 of the interest stipulated to be payable on the note, expressed in terms of an annual rate on the outstanding principal amount from time to time. An “*indexed debt obligation*” is a debt obligation the terms or conditions of which provide for an adjustment to an amount payable in respect of the obligation for a period during which the obligation was outstanding that is determined by reference to a change in the purchasing power of money.

Generally, there are no other taxes on income (including taxable capital gains) payable by a Non-resident Holder on any interest, discount, or premium in respect of a note or on the proceeds received by a Non-resident Holder on the disposition of a note (including redemption, payment on maturity, bail-in conversion, purchase for cancellation or repurchase).

Dividends paid or credited, or deemed under the Act to be paid or credited, on Common Shares of the Bank or of any affiliate of the Bank that is a Canadian resident corporation to a Non-resident Holder will generally be subject to Canadian non-resident withholding tax at the rate of 25% on the gross amount of such dividends unless the rate is reduced under the provisions of an applicable income tax treaty or convention between Canada and the country of residence of the Non-resident Holder.

A Non-resident Holder will not be subject to tax under the Act in respect of any capital gain realized on a disposition or deemed disposition of a Common Share unless the Common Share is or is deemed to be “taxable Canadian property” of the Non-resident Holder for the purposes of the Act and the Non-resident Holder is not entitled to an exemption under an applicable income tax convention between Canada and the country in which the Non-resident Holder is resident.

United States Federal Income Taxation

Investors should read carefully the description of material United States federal income tax consequences of owning debt securities under “*United States Federal Income Taxation*” in the accompanying prospectus. It is the opinion of Sullivan & Cromwell LLP, United States tax counsel to Bank of Montreal, that commercial paper rate notes, U.S. prime rate notes, EURIBOR notes, SOFR notes, treasury rate notes, CMT rate notes, CMS rate notes and federal funds rate notes generally will be treated as variable rate debt securities under the rules described under “*United States Federal Income Taxation — Tax consequences to holders of our debt securities — Original Issue Discount — Variable Rate Debt Securities*” in the accompanying prospectus, provided that (i) such notes meet the principal payments requirement discussed therein; (ii) the spread multiplier, if any, satisfies the

restrictions discussed therein; (iii) the maximum and minimum rates, if any, satisfy the restrictions discussed therein; and (iv) interest on the notes is paid or compounded at least annually as discussed therein. The tax treatment of any CPI rate notes will be addressed in the applicable pricing supplement.

It is the opinion of Sullivan & Cromwell LLP, United States tax counsel to Bank of Montreal, that the notes that are bail-inable notes should be classified as debt instruments for U.S. federal income tax purposes and the discussion above and under “*United States Federal Income Taxation*” in the accompanying prospectus assumes that the notes that are bail-inable notes will be so treated.

SUPPLEMENTAL PLAN OF DISTRIBUTION (CONFLICTS OF INTEREST)

We and BMO Capital Markets Corp., as the agent, have entered into a distribution agreement with respect to the senior medium-term notes, Series H, and a distribution agreement with respect to the senior medium-term notes, Series I. Subject to certain conditions, the agent has agreed to use its reasonable efforts to solicit purchases of the notes. We have the right to accept offers to purchase notes and may reject any proposed purchase of the notes. The agent may also reject any offer to purchase notes. We will pay the agent a commission on any notes sold through the agent. The commission is expected to range from 0% to 3% of the principal amount of the notes for fixed rate and floating rate notes, depending on the stated maturity of the notes. The commission is expected to range from 1% to 5% of the principal amount of the notes for indexed and other structured notes, or such other amount as may be agreed between the agent and Bank of Montreal. Under no circumstances will underwriting compensation exceed 8% of the offering proceeds.

We may also sell notes to the agent, who will purchase the notes as principal for its own account. In that case, the agent will purchase the notes at a price equal to the issue price specified in the relevant pricing supplement, less any discount or commission to be agreed with us at the time of the offering.

The agent may resell any notes it purchases as principal to other brokers or dealers at a discount, which may include all or part of the discount the agent received from us. If all the notes are not sold at the initial offering price, the agent may change the offering price and the other selling terms.

We may also sell notes directly to investors. We will not pay commissions on notes we sell directly.

We have reserved the right to withdraw, cancel or modify the offer made by this prospectus supplement without notice and may reject orders in whole or in part whether placed directly with us or with an agent. No termination date has been established for the offering of the notes.

The agent, whether acting as agent or principal, may be deemed to be an “*underwriter*” within the meaning of the Securities Act of 1933, as amended (the “*Securities Act*”). We have agreed to indemnify the agent against certain liabilities, including liabilities under the Securities Act, or to contribute to payments made in respect of those liabilities.

If the agent sells notes to dealers who resell to investors and the agent pays the dealers all or part of the discount or commission they receive from us, those dealers may also be deemed to be “*underwriters*” within the meaning of the Securities Act.

Unless otherwise indicated in any additional applicable supplement, payment of the purchase price of notes, other than notes denominated in a non-U.S. dollar currency, will be required to be made in funds immediately available in The City of New York. The notes will be in the Same Day Funds Settlement System at DTC and, to the extent the secondary market trading in the notes is effected through the facilities of such depository, such trades will be settled in immediately available funds.

We may appoint agents, other than or in addition to BMO Capital Markets Corp., with respect to the notes. Any other agents will be named in the relevant pricing supplements and those agents will enter into the applicable distribution agreement referred to above. The other agents may be affiliates or customers of Bank of Montreal and may engage in transactions with and perform services for Bank of Montreal in the ordinary course of business. BMO Capital Markets Corp. may resell notes to or through another of our affiliates, as selling agent.

The notes are a new issue of securities, and there will be no established trading market for any note before its original issue date. We do not plan to list the notes on a securities exchange or quotation system. If we determine to list particular notes on a securities exchange or quotation system, the relevant pricing supplement or an applicable product supplement will so state. We have been advised by BMO Capital Markets Corp. that it

intends to make a market in the notes. However, neither BMO Capital Markets Corp. nor any of our other affiliates nor any other agent named in the relevant pricing supplement that makes a market is obligated to do so, and their ability to make a market in the notes may be impacted by changes in any regulatory requirements applicable to the marketing, holding and trading of, and issuing quotations with respect to, the notes. Any of them may stop any market activities with respect to the notes doing so at any time without notice. No assurance can be given as to the liquidity or trading market for the notes.

This prospectus supplement may be used by BMO Capital Markets Corp. in connection with offers and sales of the notes in market-making transactions. In a market-making transaction, BMO Capital Markets Corp. may resell a note it acquires from other holders after the original offering and sale of the note. Resales of this kind may occur in the open market or may be privately negotiated, at prevailing market prices at the time of resale or at related or negotiated prices. In these transactions, BMO Capital Markets Corp. may act as principal or agent, including as agent for the counterparty in a transaction in which BMO Capital Markets Corp. acts as principal, or as agent for both counterparties in a transaction in which BMO Capital Markets Corp. does not act as principal. BMO Capital Markets Corp. may receive compensation in the form of discounts and commissions, including from both counterparties in some cases. Other affiliates of Bank of Montreal may also engage in transactions of this kind and may use this prospectus supplement for this purpose.

The aggregate initial offering price specified on the cover of this prospectus supplement relates to the initial offering of new notes we may issue on and after the date of this prospectus supplement. This amount does not include notes that may be resold in market-making transactions. The latter includes notes that we may issue going forward as well as notes we have previously issued.

Bank of Montreal does not expect to receive any proceeds from market-making transactions. Bank of Montreal does not expect that BMO Capital Markets Corp. or any other affiliate that engages in these transactions will pay any proceeds from its market-making resales to Bank of Montreal.

Information about the trade and settlement dates, as well as the purchase price, for a market-making transaction will be provided to the purchaser in a separate confirmation of sale.

Unless Bank of Montreal or an agent informs you in your confirmation of sale that your note is being purchased in its original offering and sale, you may assume that you are purchasing your note in a market-making transaction.

In this prospectus supplement, the term “*this offering*” means the initial offering of the notes made in connection with their original issuance. This term does not refer to any subsequent resales of notes in market-making transactions.

The agents may engage in over-allotment, stabilizing transactions, syndicate covering transactions and penalty bids in accordance with Regulation M under the Exchange Act. Over-allotment involves syndicate sales in excess of the offering size, which creates a syndicate short position. Stabilizing transactions permit bids to purchase the underlying security so long as the stabilizing bids do not exceed a specified maximum. Syndicate covering transactions involve purchases of the notes in the open market after the distribution has been completed in order to cover syndicate short positions. Penalty bids permit reclaiming a selling concession from a syndicate member when the notes originally sold by such syndicate member are purchased in a syndicate covering transaction to cover syndicate short positions. Such stabilizing transactions, syndicate covering transactions and penalty bids may stabilize, maintain or otherwise affect the market prices of the notes, which may be higher than they would otherwise be in the absence of such transactions. The agents are not required to engage in these activities, and may end any of these activities at any time.

In addition to offering notes through the agents as discussed above, other medium-term notes that have terms substantially similar to the terms of the notes offered by this prospectus supplement may in the future be

offered, concurrently with the offering of the notes, on a continuing basis by Bank of Montreal. Any such notes sold pursuant to the applicable distribution agreement or sold by Bank of Montreal directly to investors would reduce the aggregate amount of notes which may be offered by this prospectus supplement.

Conflicts of Interest

BMO Capital Markets Corp. is an affiliate of Bank of Montreal and, as such, has a “conflict of interest” in this offering within the meaning of FINRA Rule 5121, as administered by the Financial Industry Regulatory Authority, or FINRA. Consequently, this offering is being conducted in compliance with the applicable provisions of Rule 5121. In general, under that rule, no qualified independent underwriter is expected to be required. BMO Capital Markets Corp. is not permitted to sell notes in this offering to accounts over which it exercises discretionary authority without the prior specific written approval of the account holder.

Selling Restrictions Outside the United States

Bank of Montreal has taken no action that would permit a public offering of the notes or possession or distribution of this prospectus supplement or the accompanying prospectus or any other offering material in any jurisdiction outside the United States where action for that purpose is required. Accordingly, the agent has agreed, and each other agent will be required to agree, that:

- it will comply with all applicable laws and regulations in force in any jurisdiction in which it purchases, offers or sells notes or possesses or distributes this prospectus supplement or the accompanying prospectus or any other offering material and will obtain any consent, approval or permission required by it for the purchase, offer or sale by it of notes under the laws and regulations in force in any jurisdiction to which it is subject or in which it makes such purchases, offers or sales and Bank of Montreal shall have no responsibility in relation to this; and
- it will not offer or sell any notes purchased by it, directly or indirectly, in Canada or to any resident of Canada without the consent of Bank of Montreal, and further agrees that it will include a comparable provision in any sub-underwriting, banking group or selling group agreement or similar arrangement with respect to any notes that may be entered into by such agent.

With regard to each note, the relevant purchaser will be required to comply with those restrictions that Bank of Montreal and the relevant purchaser shall agree and as shall be set out in the relevant pricing supplement.

DOCUMENTS FILED AS PART OF THE REGISTRATION STATEMENT

In addition to the documents specified in the accompanying prospectus under “*Incorporation of Certain Information by Reference*,” the following documents will be filed with the Securities and Exchange Commission and incorporated by reference as part of the registration statement to which this prospectus supplement relates (the “*Registration Statement*”): (i) the Distribution Agreement with respect to the senior medium-term notes, Series H, dated as of May 26, 2022, between us and the agent, (ii) the Distribution Agreement with respect to the senior medium-term notes, Series I, dated as of May 26, 2022, between us and the agent (iii) the Calculation Agency Agreement, dated as of May 26, 2022, between us and BMO Capital Markets Corp., and (iv) the Exchange Rate Agency Agreement, dated as of May 26, 2022, between us and BMO Capital Markets Corp. Such documents will not be incorporated by reference into this prospectus supplement or the accompanying prospectus. Additional exhibits to the Registration Statement to which this prospectus supplement relates may be subsequently filed in reports on Form 40-F or on Form 6-K that specifically state that those materials are incorporated by reference as exhibits in Part II of the Registration Statement.

No dealer, salesperson or other person has been authorized to give any information or to make any representation not contained in this prospectus supplement, the accompanying prospectus, any additional

applicable supplement or any free writing prospectus that we have authorized, and, if given or made, such information or representation must not be relied upon as having been authorized by Bank of Montreal or the agent. This prospectus supplement, the accompanying prospectus, any additional applicable supplement and any free writing prospectus that we authorize do not constitute an offer to sell or a solicitation of an offer to buy any securities other than the securities described in the relevant pricing supplement nor do they constitute an offer to sell or a solicitation of an offer to buy the securities in any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction. The delivery of this prospectus supplement, the accompanying prospectus, any additional applicable supplement and any free writing prospectus that we authorize at any time does not imply that the information they contain is correct as of any time subsequent to their respective dates.



**Common Shares
Class A Preferred Shares
Class B Preferred Shares
Senior Debt Securities
Subordinated Debt Securities**
***up to an aggregate initial offering price of US\$42,000,000,000
or the equivalent thereof in other currencies.***

We may offer from time to time common shares, class A preferred shares, class B preferred shares, senior debt securities or subordinated debt securities. We may offer the securities separately or together, in separate series or classes and in amounts, at prices and on terms described in one or more supplements to this prospectus.

This prospectus provides information about us and describes some of the general terms that may apply to these securities. The specific terms of any securities to be offered, and any other information relating to a specific offering, will be set forth in one or more supplements to this prospectus, which may be filed separately or included in a post-effective amendment to the Registration Statement, or may be set forth in one or more documents incorporated by reference in this prospectus.

We may offer and sell these securities to or through one or more underwriters, dealers or agents, or directly to purchasers, on a continuous or delayed basis. The supplements to this prospectus will provide the specific terms of the plan of distribution. This prospectus may not be used to offer and sell securities unless accompanied by a prospectus supplement.

Our common shares are listed on the New York Stock Exchange and the Toronto Stock Exchange under the trading symbol "BMO."

You should read this prospectus and any applicable prospectus supplement carefully before you invest in any of our securities.

Investing in these securities involves certain risks. To read about certain factors you should consider before buying any of the Securities, see the "Risk Factors" section on page 8 of this prospectus and in our most recent annual report on Form 40-F, which is incorporated by reference herein, as well as any other reports on Form 6-K that are specifically incorporated by reference herein and, if any, in an applicable prospectus supplement.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of the securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

Prospective investors should be aware that the acquisition of the securities described herein may have tax consequences both in the United States and in Canada. Such consequences for investors who are resident in, or citizens of, the United States may not be described fully herein or in any applicable prospectus supplement.

The enforcement by investors of civil liabilities under the United States federal securities laws may be affected adversely by the fact that Bank of Montreal is a Canadian bank, that many of its officers and directors are residents of Canada, that some or all of the underwriters or experts named in the Registration Statement may be residents of Canada, and that all or a substantial portion of the assets of Bank of Montreal and said persons may be located outside the United States.

The senior debt securities and subordinated debt securities will be our unsecured obligations and will not be savings accounts or deposits that are insured by the Federal Deposit Insurance Corporation, the Deposit Insurance Fund or any other governmental agency or under the Canada Deposit Insurance Corporation Act or any other deposit insurance regime.

Securities that are bail-inable debt securities (as defined herein) are subject to conversion in whole or in part – by means of a transaction or series of transactions and in one or more steps – into common shares of Bank of Montreal or any of its affiliates under subsection 39.2(2.3) of the Canada Deposit Insurance Corporation Act (the "CDIC Act") and to variation or extinguishment in consequence, and subject to the application of the laws of the Province of Ontario and the federal laws of Canada applicable therein in respect of the operation of the CDIC Act with respect to the bail-inable debt securities.

We may use this prospectus in the initial sale of any securities. In addition, we or any of our affiliates, including BMO Capital Markets Corp., may use this prospectus in a market-making or other transaction in any security after its initial sale. ***Unless we or our agent informs the purchaser otherwise in the confirmation of sale, this prospectus is being used in a market-making transaction.***

This prospectus is dated May 26, 2022

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ABOUT THIS PROSPECTUS

General

This document is called a prospectus and is part of a registration statement that we filed with the U.S. Securities and Exchange Commission (the “SEC”) using a “shelf” registration or continuous offering process. Under this shelf registration, we may from time to time sell any combination of the common shares, class A preferred shares, class B preferred shares (together with the class A preferred shares, the “preferred shares”), senior debt securities or subordinated debt securities described in this prospectus in one or more offerings, and which we collectively refer to herein as the “securities.” The Registration Statement containing this prospectus, including exhibits to the Registration Statement, provides additional information about us and the securities offered under this prospectus. The Registration Statement can be read at the SEC web site or at the SEC office mentioned under the heading “Where You Can Find More Information.”

This prospectus provides you with a general description of the securities we may offer. Each time we sell securities under this shelf registration statement we will provide one or more supplements to this prospectus containing specific information about the terms of the securities being offered. Any such supplements, which we refer to in this prospectus as the “applicable supplements,” may include a discussion of any additional risk factors or other special considerations that apply to those securities and may also add to, update or change the information in this prospectus. The applicable supplements relating to each series of debt securities will be attached to the front of this prospectus. If there is any inconsistency between the information in this prospectus and any applicable supplement, you should rely on the information in the most recent applicable supplement. We urge you to read carefully both this prospectus and any applicable supplement accompanying this prospectus, together with the information incorporated herein and in any applicable supplement by reference under the heading “Where You Can Find More Information,” before deciding whether to invest in any of the securities being offered.

We are responsible for the information provided in this prospectus and the applicable supplements, including the information incorporated by reference. We have not authorized anyone to give you any other information or to make any representation different from or in addition to that contained or incorporated by reference in this prospectus and any applicable supplement and take no responsibility for any other information that others may give you. If you are in a jurisdiction where offers to sell, or solicitations of offers to purchase, the securities offered by this prospectus are unlawful, or if you are a person to whom it is unlawful to direct these types of activities, then the offer presented in this prospectus does not extend to you. The information contained in this prospectus speaks only as of the date of this prospectus unless the information specifically indicates that another date applies. Therefore, you should not assume that the information contained in this prospectus or applicable supplement is accurate on any date subsequent to the date set forth on the front of the document or that any information we have incorporated by reference is correct on any date subsequent to the date of the document incorporated by reference, even though this prospectus and any applicable supplement is delivered or securities are sold on a later date.

We may sell securities to underwriters who will sell the securities to the public on terms fixed at the time of sale. In addition, the securities may be sold by us directly or through dealers or agents designated from time to time, some of which may be our affiliates. If we, directly or through dealers or agents, solicit offers to purchase the securities, we reserve the sole right to accept and, together with the applicable dealers or agents, to reject, in whole or in part, any of those offers. An applicable supplement will contain the names of the underwriters, dealers or agents, if any, together with the terms of the offering, the compensation of those persons and the net proceeds to us. Any underwriters, dealers or agents participating in the offering may be deemed to be “underwriters” within the meaning of the United States Securities Act of 1933, as amended (the “Securities Act”). In addition, one or more of our subsidiaries, including BMO Capital Markets Corp., may buy and sell any of the securities after the securities are issued as part of their business as a broker-dealer. Those subsidiaries may use this prospectus and the applicable supplements in those transactions. Any sale by a subsidiary will be made at the prevailing market price at the time of sale. Unless otherwise mentioned or unless the context requires otherwise, all references in this prospectus to the “Bank,” “we,” “us,” “our” or similar references mean Bank of Montreal and its consolidated subsidiaries.

PRESENTATION OF FINANCIAL INFORMATION

We prepare our consolidated financial statements in accordance with International Financial Reporting Standards (“*IFRS*”) as issued by the International Accounting Standards Board (the “*IASB*”).

CAUTION REGARDING FORWARD-LOOKING STATEMENTS

Our public communications often include written or oral forward-looking statements. Statements of this type are included in this document, and may be included in other filings with Canadian securities regulators or the SEC, or in other communications. All such statements are made pursuant to the “safe harbor” provisions of, and are intended to be forward-looking statements under, the United States Private Securities Litigation Reform Act of 1995 and any applicable Canadian securities legislation. Forward-looking statements may include, but are not limited to, statements with respect to our objectives and priorities for fiscal 2022 and beyond, our strategies or future actions, our targets and commitments (including with respect to net zero emissions), expectations for our financial condition, capital position or share price, the regulatory environment in which we operate, the results of, or outlook for, our operations or for the Canadian, U.S. and international economies, the closing of our proposed acquisition of Bank of the West, including plans for the combined operations of the Bank and Bank of the West, the financial, operational and capital impacts of the transaction, and the COVID-19 pandemic, and include statements made by our management. Forward-looking statements are typically identified by words such as “will,” “would,” “should,” “believe,” “expect,” “anticipate,” “project,” “intend,” “estimate,” “plan,” “goal,” “commit,” “target,” “may,” “might,” “schedule,” “forecast” and “could” or negative or grammatical variations thereof.

By their nature, forward-looking statements require us to make assumptions and are subject to inherent risks and uncertainties, both general and specific in nature. There is significant risk that predictions, forecasts, conclusions or projections will not prove to be accurate, that our assumptions may not be correct, and that actual results may differ materially from such predictions, forecasts, conclusions or projections. The uncertainty created by the COVID-19 pandemic has heightened this risk, given the increased challenge in making assumptions, predictions, forecasts, conclusions or projections. We caution readers of this document not to place undue reliance on our forward-looking statements, as a number of factors — many of which are beyond our control and the effects of which can be difficult to predict — could cause actual future results, conditions, actions or events to differ materially from the targets, expectations, estimates or intentions expressed in the forward-looking statements.

The future outcomes that relate to forward-looking statements may be influenced by many factors, including, but not limited to: general economic and market conditions in the countries in which we operate, including labor challenges; the severity, duration and spread of the COVID-19 pandemic, and possibly other outbreaks of disease or illness, and its impact on local, national or international economies, as well as its heightening of certain risks that may affect our future results; information, privacy and cyber security, including the threat of data breaches, hacking, identity theft and corporate espionage, as well as the possibility of denial of service resulting from efforts targeted at causing system failure and service disruption; benchmark interest rate reforms; technological changes and technology resiliency; political conditions, including changes relating to, or affecting, economic or trade matters; climate change and other environmental and social risk; the Canadian housing market and consumer leverage; inflationary pressures; global supply-chain disruptions; changes in monetary, fiscal, or economic policy; changes in laws, including tax legislation and interpretation, or in supervisory expectations or requirements, including capital, interest rate and liquidity requirements and guidance, and the effect of such changes on funding costs; weak, volatile or illiquid capital or credit markets; the level of competition in the geographic and business areas in which we operate; judicial or regulatory proceedings; the accuracy and completeness of the information we obtain with respect to our customers and counterparties; failure of third parties to comply with their obligations to us; our ability to execute our strategic plans and to complete proposed acquisitions or dispositions, including obtaining regulatory approvals; critical accounting estimates and the effects of changes to accounting standards, rules and interpretations on these estimates; operational and infrastructure risks, including with respect to reliance on third parties; the possibility that our proposed acquisition of Bank of the West does not close when expected or at all because required regulatory approvals and other conditions to closing are not received or satisfied on a timely basis or at all or are received subject to adverse conditions or requirements; the anticipated benefits from the proposed acquisition of Bank of the West, such as it creating synergies and operational efficiencies; our ability to perform effective fair value management

actions and unforeseen consequences arising from such actions; changes to our credit ratings; global capital markets activities; the possible effects on our business of war or terrorist activities; natural disasters and disruptions to public infrastructure, such as transportation, communications, power or water supply; and our ability to anticipate and effectively manage risks arising from all of the foregoing factors.

We caution that the foregoing list is not exhaustive of all possible factors. Other factors and risks could adversely affect our results. For more information, please see the discussion in our Annual Report on Form 40-F and subsequent interim reports, which are incorporated by reference herein, and which outline certain key factors and risks that may affect our future results. When relying on forward-looking statements to make decisions with respect to the Bank, investors and others should carefully consider these factors and risks, as well as other uncertainties and potential events, and the inherent uncertainty of forward-looking statements. We do not undertake to update any forward-looking statements, whether written or oral, that may be made, from time to time, by the organization or on its behalf, except as required by law.

The forward-looking information contained or incorporated by reference into this prospectus is presented for the purpose of assisting investors in understanding our operations, prospects, risks and other extreme factors that impact us specifically as of and for the periods ended on the dates presented, as well as certain strategic priorities and objectives, and may not be appropriate for other purposes.

Assumptions about the performance of the Canadian and U.S. economies, as well as overall market conditions and their combined effect on our business, are material factors we consider when determining our strategic priorities, objectives and expectations for our business. In determining our expectations for economic growth, both broadly and in the financial services sector, we primarily consider historical economic data provided by governments, historical relationships between economic and financial variables, and the risks to the domestic and global economy. See our most recent Annual Report on Form 40-F and our subsequent interim reports for more information relating to material factors impacting our business.

WHERE YOU CAN FIND MORE INFORMATION

In addition to our continuous disclosure obligations under the securities laws of the Provinces and Territories of Canada, we are subject to information reporting requirements of the United States Securities Exchange Act of 1934, as amended (the “*Exchange Act*”), and in accordance therewith file or furnish reports and other information with the SEC. Under the multijurisdictional disclosure system adopted by the United States, such reports and other information may be prepared in accordance with the disclosure requirements of Canada, which requirements are different from those of the United States. These reports and other information, when filed or furnished by us in accordance with such requirements, are available to the public for free through the SEC’s website at www.sec.gov. Information about us can also be located at our website at www.bmo.com. All Internet references in this prospectus are inactive textual references and we do not incorporate website contents into this prospectus.

We have filed with the SEC a registration statement on Form F-3 relating to the securities covered by this prospectus. This prospectus is a part of the Registration Statement and does not contain all the information in the Registration Statement. Whenever a reference is made in this prospectus to a contract or other document of the Bank, the reference is only a summary and you should refer to the exhibits that are a part of the Registration Statement for a copy of the contract or other document. You may review a copy of the Registration Statement through the SEC’s website.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to “*incorporate by reference*” into this prospectus the information in documents we file with it. This means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be a part of this prospectus and should be read with the same care. When we update the information contained in documents that have been incorporated by reference by making future filings with the SEC the information incorporated by reference in this prospectus is considered to be automatically updated and superseded. The modifying or superseding statement need not state that it has modified or superseded a prior statement or include any other information set forth in the document that it modifies or supersedes. In other words, in the case of a conflict or inconsistency between information contained in this prospectus and information incorporated by reference into this prospectus, you should rely on the information contained in the document that was filed later. The making of a modifying or superseding statement shall not be deemed an admission for any purposes that the modified or superseded statement, when made, constituted a misrepresentation, an untrue statement of a material fact or an omission to state a material fact that is required to be stated or that is necessary to make a statement not misleading in light of the circumstances in which it was made. Any statement so modified or superseded shall not be deemed, except as so modified or superseded to constitute a part of this prospectus.

We incorporate by reference the documents listed below and all documents which we subsequently file with the SEC (other than, in each case, documents or information deemed to have been furnished and not filed in accordance with the SEC rules) pursuant to Section 13(a), 13(c), 14, or 15(d) of the Exchange Act until the termination of the offering of the securities under this prospectus:

- Annual Report on Form 40-F for the fiscal year ended October 31, 2021, filed on December 3, 2021;
- Reports on Form 6-K filed on December 3, 2021 (three filings) (Acc-nos: 0001193125-21-347991, 0001193125-21-348002 and 0001193125-21-348008);
- Report on Form 6-K filed on December 6, 2021 (Acc-no: 0001193125-21-348686);
- Reports on Form 6-K filed on December 20, 2021 (three filings) (Acc-nos: 0001193125-21-362535, 0001193125-21-362525 and 0001193125-21-361814);
- Reports on Form 6-K filed on January 10, 2022 (three filings) (Acc-nos: 0001193125-22-005862, 0001193125-22-005863 and 0001193125-22-005876);
- Reports on Form 6-K filed on January 18, 2022 (two filings) (Acc-nos: 0001193125-22-011368 and 0001193125-22-010748);
- Reports on Form 6-K filed on March 1, 2022 (three filings) (Acc-nos: 0001193125-22-061537, 0001193125-22-061541 and 0001193125-22-061704);
- Report on Form 6-K filed on March 7, 2022;
- Report on Form 6-K filed on March 8, 2022;
- Report on Form 6-K filed on March 22, 2022;
- Report on Form 6-K filed on March 29, 2022;
- Report on Form 6-K filed on April 4, 2022;
- Report on Form 6-K filed on April 11, 2022;
- Report on Form 6-K filed on April 13, 2022;
- Report on Form 6-K filed on April 22, 2022;
- Report on Form 6-K filed on April 28, 2022;

- Reports on Form 6-K filed on May 25, 2022 (three filings) (Acc-nos: 0001193125-22-159731, 0001193125-22-159735 and 0001193125-22-159819); and
- Registration Statement on Form 8-A filed on September 26, 1994.

We may also incorporate any other Form 6-K that we submit to the SEC on or after the date of this prospectus and prior to the termination of this offering if the Form 6-K filing specifically states that it is incorporated by reference into the Registration Statement of which this prospectus forms a part.

You may request a copy of these filings, other than an exhibit to a filing unless that exhibit is specifically incorporated by reference into that filing, at no cost, by writing to or telephoning us at the following address:

**Bank of Montreal
Corporate Secretary's Department
100 King Street West
1 First Canadian Place
Toronto, Ontario
Canada M5X 1A1
(416) 867-6785**

RISK FACTORS

Investment in these securities is subject to various risks, including those risks inherent in conducting the business of a diversified financial institution. Before deciding whether to invest in any securities, you should consider carefully the risks described in the documents incorporated by reference in this prospectus (including subsequently filed documents incorporated by reference) and, if applicable, those described in the applicable supplements relating to a specific offering of securities. You should consider the categories of risks identified and discussed in the management's discussion and analysis of financial condition and results of operations included in our Annual Report on Form 40-F for the fiscal year ended October 31, 2021 and subsequent interim reports, including those summarized under "*Caution Regarding Forward-Looking Statements*" above.

BANK OF MONTREAL

Bank of Montreal (“*Bank of Montreal*,” “*BMO*” or the “*Bank*”) started business in Montreal in 1817 and was incorporated in 1821 by an Act of Lower Canada as the first Canadian chartered bank. Since 1871, the Bank has been a chartered bank under the Bank Act (Canada) (the “*Bank Act*”), and is named in Schedule I of the Bank Act. The Bank Act is the charter of the Bank and governs its operations. The Bank is a registered bank holding company and is a financial holding company under the United States Bank Holding Company Act of 1956.

The Bank’s head and registered office is located at 129 rue Saint Jacques, Montreal, Quebec, H2Y 1L6. Its executive offices are located at 100 King Street West, 1 First Canadian Place, Toronto, Ontario, M5X 1A1.

Bank of Montreal is a highly diversified financial services provider based in North America. BMO provides a broad range of products and services directly and through Canadian and non-Canadian subsidiaries, offices, and branches. As at October 31, 2021, BMO had more than 12 million customers and approximately 44,000 full-time equivalent employees. The Bank has approximately 1,400 bank branches in Canada and the United States and operates internationally in major financial markets and trading areas through its offices in a number of jurisdictions around the world. BMO Financial Corp. (“*BFC*”) is based in Chicago and wholly-owned by Bank of Montreal. BFC operates primarily through its subsidiary BMO Harris Bank N.A., which provides banking, financing, investing, and cash management services in select markets in the United States. BMO provides a full range of investment dealer services through entities, including BMO Nesbitt Burns Inc., a major fully integrated Canadian investment dealer, and BMO Capital Markets Corp., Bank of Montreal’s wholly-owned registered securities dealer in the United States.

Bank of Montreal conducts business through three operating groups: Personal and Commercial Banking (“*P&C*”), made up of Canadian P&C and U.S. P&C; BMO Wealth Management; and BMO Capital Markets.

- Canadian P&C operates across Canada, providing customers with a wide range of products and services, including banking, lending, treasury management and everyday financial and investment advice to our personal and commercial clients. Operating predominately in the U.S. Midwest under the BMO Harris brand, U.S. P&C offers personal and commercial clients banking, lending, and treasury management products and services.
- BMO Wealth Management offers client focused investment, wealth management and financial services and solutions from mainstream to ultra-high net worth and institutional, with a broad offering of wealth management products and services, including insurance. BMO Wealth Management is a global business with an active presence in markets across Canada, the United States, Europe, the Middle East and Africa (EMEA) and Asia.
- BMO Capital Markets is a North American-based financial services provider offering a complete range of products and services to corporate, institutional and government clients. These include equity and debt underwriting, institutional sales and trading, corporate lending and project financing, mergers and acquisitions advisory services, securitization, treasury management, risk management, and equity and fixed income research.

Corporate Services consists of Corporate Units and Technology and Operations (“*T&O*”). Corporate Units provide enterprise-wide expertise, governance and support in a variety of areas, including strategic planning, risk management, finance, legal and regulatory compliance, human resources, communications, marketing, real estate, procurement, data and analytics, and innovation. T&O develops, monitors, manages and maintains governance of information technology, and also provides cyber security and operations services.

Certain Matters Relating to the Bank’s Board of Directors

Under the Bank Act, the Bank’s board of directors must have at least seven members and the Bank’s board of directors may establish by by-law a minimum and maximum number of directors. The Bank Act also requires

that no more than two-thirds of the directors may be affiliated with the Bank, as specified by the Bank Act, and no more than 15% of the directors may be employees of the Bank or a subsidiary of the Bank, except that up to four of these employees may be directors if they constitute not more than 50% of the directors. Subject to the following residency requirements, a majority of directors shall constitute a quorum at any meeting of the board of directors. Under the Bank Act, a majority of the directors of the Bank must be resident Canadians and, except in limited circumstances, directors may not transact business at a meeting of directors or a committee of directors at which a majority of the directors present are not resident Canadians. Under the Bank Act, the directors may not transact business at a meeting of directors unless at least one of the directors who is not affiliated with the Bank is present unless an unaffiliated director subsequently approves the business transacted at the meeting. The Bank Act also requires the directors of a bank to appoint from their members a chief executive officer who must ordinarily be resident in Canada. Under the Bank's by-laws, the minimum number of directors is seven and the maximum number of directors is 40. The Bank's by-laws provide that the number of directors to be elected at any annual meeting of shareholders of the Bank will be fixed by the board of directors before the meeting. Directors are elected to terms of one year, on an annual basis. The Bank currently has 13 directors.

Under the Bank Act, any director or the entire board of directors may be removed, with or without cause, with the approval of a majority of the votes cast at a special meeting of shareholders. A vacancy created by such removal may be filled at the meeting or by a quorum of the directors. Bank policies stipulate that directors who joined the board prior to January 1, 2010 may serve until the earlier of when they turn 70 or they have served 20 years. Directors who joined the Board on or after January 1, 2010 may serve until the earlier of when they turn 70 or they have served 15 years. However, provided that they are elected, all directors will be allowed to serve for at least ten years, regardless of their age. In addition, the Chairman may serve a full five year term as Chairman, regardless of his or her age or how long he or she has been on the Board, and his or her term may be renewed for up to three more years. The Board has also approved term limits for the chairs of its committees — for committee chairs appointed after December 31, 2014, the normal term will be five years with a possibility of renewal for up to three more years. In exceptional circumstances, to further the best interests of the Bank, the Board may on an annual basis decide in individual cases to waive the term and/or age limits stated above for directors, the Chairman and committee chairs. An officer will resign from the Board when no longer employed by the Bank. However, the Board may request a former CEO to continue as a director for a term not longer than two years.

Conflicts of Interest

The Bank Act contains detailed provisions with regard to a director's power to vote on a material proposal, arrangement or contract in which the director is interested. These provisions include procedures for: disclosure of the conflict of interest and the timing for such disclosure; the presence of directors at board meetings where the proposal, arrangement or contract giving rise to the conflict of interest is being considered, and voting with respect to the proposal, arrangement or contract giving rise to the conflict of interest; and other provisions for dealing with such conflicts of interest. The Bank Act also contains detailed provisions regarding transactions with persons who are related parties of the Bank, including directors of the Bank. See “— *Borrowing Powers.*”

Compensation

The by-laws of the Bank have provisions with regard to the general remuneration of directors. The board of directors may, from time to time, by resolution determine their remuneration that may be paid, but such remuneration may not exceed in each year an aggregate cap set out in the by-laws, and individually may be in such amounts as the board may determine by resolution. In addition, the directors may be paid their reasonable out-of-pocket expenses incurred in attending meetings of the board, shareholders or committees of the board or otherwise in the performance of their duties.

Directors are required to hold at least eight times the cash retainer portion of their annual retainer fee in either common shares or deferred share units (“*Deferred Share Units*”) under the Bank's Deferred Share Unit

Plan for Non-employee Directors and until this level is obtained, directors must take 100% of their annual retainer in the form of either common shares (which are purchased on the open market) or Deferred Share Units. Once this threshold has been reached, directors receive a minimum of \$140,000 of their \$215,000 annual retainer fee in common shares (which are purchased on the open market) or in Deferred Share Units, but also have the option to receive up to 100% of their annual retainer in this manner. A Deferred Share Unit is an amount owed by the Bank to directors having the same value as one common share, but is not paid out (in cash or in common shares purchased on the open market) until such time as the director leaves the board, thereby providing an ongoing equity stake in the Bank throughout the director's period of board service. Only non-employee directors can receive Deferred Share Units.

Borrowing Powers

The directors of the Bank may, without authorization of the shareholders, authorize the Bank to borrow money. The Bank Act, however, prohibits the Bank from entering into transactions with persons who are deemed to be related parties of the Bank, subject to certain exceptions. Related party transactions may include loans made on the credit of the Bank. In addition, the by-laws of the Bank may be amended, as described in "*Description of Common Shares and Preferred Shares — Amendments to the Rights, Privileges, Restrictions and Conditions of the Bank's Share Capital,*" to vary the borrowing authority of directors in this regard.

USE OF PROCEEDS

Unless otherwise specified in an applicable supplement, the net proceeds to the Bank from the sale of the securities will be added to the Bank's general working capital and will be used for general working capital purposes.

DESCRIPTION OF COMMON SHARES AND PREFERRED SHARES

Set forth below is a summary of the material terms of the Bank's share capital and certain provisions of the Bank Act and the Bank's amended and restated by-laws as they relate to the Bank's share capital. The following summary is not complete and is qualified in its entirety by the Bank Act, the Bank's amended and restated by-laws and the actual terms and conditions of such shares.

Capital Stock

The authorized capital of the Bank consists of an unlimited number of common shares, without nominal or par value, an unlimited number of Class A Preferred Shares, without nominal or par value, issuable in series, and an unlimited number of Class B Preferred Shares, without nominal or par value, issuable in series, in each case the aggregate consideration for which is also unlimited.

As of April 30, 2022, there were issued and outstanding the following shares of capital stock: 648,446,895 common shares; 20,000,000 Class B Preferred Shares Series 27 (Non-Viability Contingent Capital (NVCC)); 16,000,000 Class B Preferred Shares Series 29 (Non-Viability Contingent Capital (NVCC)); 12,000,000 Class B Preferred Shares Series 31 (Non-Viability Contingent Capital (NVCC)); 8,000,000 Class B Preferred Shares Series 33 (Non-Viability Contingent Capital (NVCC)); 20,000,000 Class B Preferred Shares Series 40 (Non-Viability Contingent Capital (NVCC)); 16,000,000 Class B Preferred Shares Series 42 (Non-Viability Contingent Capital (NVCC)); 16,000,000 Class B Preferred Shares Series 44 (Non-Viability Contingent Capital (NVCC)); 14,000,000 Class B Preferred Shares Series 46 (Non-Viability Contingent Capital (NVCC)); 1,250,000 Class B Preferred Shares Series 48 (Non-Viability Contingent Capital (NVCC)); and 750,000 Class B Preferred Shares Series 49 (Non-Viability Contingent Capital (NVCC)).

Common Shares

Voting. Holders of common shares are entitled to one vote per share on all matters to be voted on by holders of common shares. Unless otherwise required by the Bank Act, any matter to be voted on by holders of common shares shall be decided by a majority of the votes cast on the matter.

Size of Board of Directors. The Bank Act requires that the number of directors on the Bank's board of directors be at least seven. All directors of the Bank are elected annually. The Bank Act also requires that at least a majority of the directors must be, at the time of each director's election or appointment, resident Canadians.

Liquidation Rights. Upon the liquidation, dissolution or winding up of the Bank, whether voluntary or involuntary, the holders of common shares are entitled to receive the remaining property of the Bank available after the payment of all debts and other liabilities and subject to the prior rights of holders of any outstanding preferred shares.

Preemptive, Subscription, Redemption and Conversion Rights. Holders of common shares, as such, have no preemptive, subscription, redemption or conversion rights.

Dividends. The holders of common shares are entitled to receive dividends as and when declared by the board of directors of the Bank, subject to the preference of the holders of the preferred shares of the Bank. The Bank's dividends have historically been declared on a quarterly basis in Canadian dollars. As a matter of practice, the Bank pays dividends to U.S. holders of common shares, if and when a dividend is declared, in U.S. dollars, in an amount fixed at the date of record for the payment of the dividend. The declaration and payment of dividends and the amount of the dividends is subject to the discretion of the board of directors, and will be dependent upon the results of operations, financial condition, cash requirements and future regulatory restrictions on the payment of dividends by, the Bank and other factors deemed relevant by the board of directors.

Preferred Shares

This section describes the general terms and provisions of our preferred shares and provides a description of the rights and privileges of each of our outstanding series of preferred shares. The applicable prospectus supplement will describe the specific terms of the preferred shares offered through that prospectus supplement, as well as any general terms described in this section that will not apply to those preferred shares.

General. The Bank has two classes of authorized preferred shares, Class A Preferred Shares and Class B Preferred Shares, each of which is without nominal or par value and issuable in series. The Class B Preferred Shares rank on parity with the Class A Preferred Shares. There were no Class A Preferred Shares outstanding as of April 30, 2022. 124,000,000 shares of Class B Preferred Shares were outstanding as of April 30, 2022, namely, 20,000,000 Class B Preferred Shares Series 27 (Non-Viability Contingent Capital (NVCC)); 16,000,000 Class B Preferred Shares Series 29 (Non-Viability Contingent Capital (NVCC)); 12,000,000 Class B Preferred Shares Series 31 (Non-Viability Contingent Capital (NVCC)); 8,000,000 Class B Preferred Shares Series 33 (Non-Viability Contingent Capital (NVCC)); 20,000,000 Class B Preferred Shares Series 40 (Non-Viability Contingent Capital (NVCC)); 16,000,000 Class B Preferred Shares Series 42 (Non-Viability Contingent Capital (NVCC)); 16,000,000 Class B Preferred Shares Series 44 (Non-Viability Contingent Capital (NVCC)); 14,000,000 Class B Preferred Shares Series 46 (Non-Viability Contingent Capital (NVCC)); 1,250,000 Class B Preferred Shares Series 48 (Non-Viability Contingent Capital (NVCC)); and 750,000 Class B Preferred Shares Series 49 (Non-Viability Contingent Capital (NVCC)).

The board of directors is authorized, subject to the provisions of the Bank Act, without shareholder approval, to divide the unissued preferred shares into series and to fix the number of shares in each series and the rights, privileges, restrictions and conditions of such series, and to change the rights, privileges, restrictions or conditions attached to the unissued shares of any series, provided that no rights, privileges, restrictions or conditions attached to a series confer on a series a priority in respect of dividends or return of capital over any series of preferred shares of the same class then outstanding.

Priority. The preferred shares shall be entitled to preference over common shares and to any other shares of ranking junior to the preferred shares with respect to the payment of dividends and return of capital. Each series of preferred shares of a class ranks on a parity with every other series of preferred shares in the same class with respect to the payment of dividends and return of capital.

Restriction. Under the terms of the Bank Act, the approval of the holders of the preferred shares is required for the creation of any class of shares ranking prior to or on a parity with the preferred shares.

Voting. Except as required under the Bank Act or in the rights, privileges, restrictions or conditions attached to any series before the issue thereof, the holders of preferred shares are not entitled to receive notice, to attend or to vote at any meeting of the shareholders of the Bank.

Retirement of Preferred Shares. Subject to the prior approval of the Office of the Superintendent of Financial Institutions (Canada) (“OSFI”) and to the provisions governing restrictions on dividends and retirement of shares, the Bank may at any time purchase any outstanding series of preferred shares for cancellation, provided that no such shares may be redeemed or purchased for cancellation at prices exceeding the redemption price stated in or calculated according to a formula stated in the terms of issue thereto.

Rights and privileges of each outstanding series as of April 30, 2022:

- Class B — Series 27 shares are redeemable at the Bank’s option every five years after May 25, 2019 for \$25.00 cash per share. If the shares are not redeemed on the redemption dates, investors have the option to convert the shares into Class B — Series 28 Preferred shares and, if converted, have the option to convert back to Series 27 Preferred shares on subsequent redemption dates. The Series 27

shares carry a non-cumulative quarterly dividend of \$0.25 per share until May 25, 2019. Dividends payable after May 25, 2019 on the Series 27 and Series 28 shares will be set based on prevailing market rates plus a predetermined spread. The Bank may not amend any rights, privileges, restrictions and conditions attaching to the Series 27 or Series 28 shares without approval given by two-thirds of the holders of either the Series 27 or Series 28 shares, as applicable. If a Trigger Event (as defined below) were to occur, all of the then outstanding Series 27 or Series 28 shares, as applicable, will be automatically exchanged, without the consent of the holders, for newly issued fully-paid and freely-tradable common shares of the Bank, the number of which to be determined in accordance with a contingent conversion formula (as set out in the applicable offering documents). In the event of the liquidation, dissolution or winding-up of the Bank, where a Trigger Event has not occurred, Series 27 and Series 28 holders are entitled to receive \$25.00 cash per share together with all dividends declared and unpaid to the date of payment before any amount is paid to the holders of any shares ranking junior to the Series 27 or Series 28 shares, respectively.

- Class B — Series 29 shares are redeemable at the Bank's option on August 25, 2024 and every five years thereafter for \$25.00 cash per share. If the shares are not redeemed on the redemption dates, investors have the option to convert the shares into Class B — Series 30 Preferred shares and, if converted, have the option to convert back to Series 29 Preferred shares on subsequent redemption dates. The Series 29 shares carry a non-cumulative quarterly dividend of \$0.2265 per share until August 25, 2024. Dividends payable after August 25, 2024 on the Series 29 and Series 30 shares will be set based on prevailing market rates plus a predetermined spread. The Bank may not amend any rights, privileges, restrictions and conditions attaching to the Series 29 or Series 30 shares without approval given by two-thirds of the holders of either the Series 29 or Series 30 shares, as applicable. If a Trigger Event (as defined below) were to occur, all of the then outstanding Series 29 or Series 30 shares, as applicable, will be automatically exchanged, without the consent of the holders, for newly issued fully-paid and freely-tradable common shares of the Bank, the number of which to be determined in accordance with a contingent conversion formula (as set out in the applicable offering documents). In the event of the liquidation, dissolution or winding-up of the Bank, where a Trigger Event has not occurred, Series 29 and Series 30 holders are entitled to receive \$25.00 cash per share together with all dividends declared and unpaid to the date of payment before any amount is paid to the holders of any shares ranking junior to the Series 29 or Series 30 shares, respectively.
- Class B — Series 31 shares are redeemable at the Bank's option on November 25, 2024 and every five years thereafter for \$25.00 cash per share. If the shares are not redeemed on the redemption dates, investors have the option to convert the shares into Class B — Series 32 Preferred shares and, if converted, have the option to convert back to Series 31 Preferred shares on subsequent redemption dates. The Series 31 shares carry a non-cumulative quarterly dividend of \$0.240688 per share until November 25, 2024. Dividends payable after November 25, 2019 on the Series 31 and Series 32 shares will be set based on prevailing market rates plus a predetermined spread. The Bank may not amend any rights, privileges, restrictions and conditions attaching to the Series 31 or Series 32 shares without approval given by two-thirds of the holders of either the Series 31 or Series 32 shares, as applicable. If a Trigger Event (as defined below) were to occur, all of the then outstanding Series 31 or Series 32 shares, as applicable, will be automatically exchanged, without the consent of the holders, for newly issued fully-paid and freely-tradable common shares of the Bank, the number of which to be determined in accordance with a contingent conversion formula (as set out in the applicable offering documents). In the event of the liquidation, dissolution or winding-up of the Bank, where a Trigger Event has not occurred, Series 31 and Series 32 holders are entitled to receive \$25.00 cash per share together with all dividends declared and unpaid to the date of payment before any amount is paid to the holders of any shares ranking junior to the Series 31 or Series 32 shares, respectively.
- Class B — Series 33 shares are redeemable at the Bank's option every five years after August 25, 2020 for \$25.00 cash per share. If the shares are not redeemed on the redemption dates, investors have the option to convert the shares into Class B — Series 34 Preferred shares and, if converted, have the

option to convert back to Series 33 Preferred shares on subsequent redemption dates. The Series 33 shares carry a non-cumulative quarterly dividend of \$0.2375 per share until August 25, 2020. Dividends payable after August 25, 2020 on the Series 33 and Series 34 shares will be set based on prevailing market rates plus a predetermined spread. The Bank may not amend any rights, privileges, restrictions and conditions attaching to the Series 33 or Series 34 shares without approval given by two-thirds of the holders of either the Series 33 or Series 34 shares, as applicable. If a Trigger Event (as defined below) were to occur, all of the then outstanding Series 33 or Series 34 shares, as applicable, will be automatically exchanged, without the consent of the holders, for newly issued fully-paid and freely-tradable common shares of the Bank, the number of which to be determined in accordance with a contingent conversion formula (as set out in the applicable offering documents). In the event of the liquidation, dissolution or winding-up of the Bank, where a Trigger Event has not occurred, Series 33 and Series 34 holders are entitled to receive \$25.00 cash per share together with all dividends declared and unpaid to the date of payment before any amount is paid to the holders of any shares ranking junior to the Series 33 or Series 34 shares, respectively.

- Class B — Series 40 shares are redeemable at the Bank's option on May 25, 2022 and every five years thereafter for \$25.00 cash per share. If the shares are not redeemed on the redemption dates, investors have the option to convert the shares into Class B — Series 41 Preferred shares and, if converted, have the option to convert back to Series 40 Preferred shares on subsequent redemption dates. The Series 40 shares carry a non-cumulative quarterly dividend of \$0.28125 per share until May 25, 2022. Dividends payable after May 25, 2022 on the Series 40 and Series 41 shares will be set based on prevailing market rates plus a predetermined spread. The Bank may not amend any rights, privileges, restrictions and conditions attaching to the Series 40 or Series 41 shares without approval given by two-thirds of the holders of either the Series 40 or Series 41 shares, as applicable. If a Trigger Event (as defined below) were to occur, all of the then outstanding Series 40 or Series 41 shares, as applicable, will be automatically exchanged, without the consent of the holders, for newly issued fully-paid and freely-tradable common shares of the Bank, the number of which to be determined in accordance with a contingent conversion formula (as set out in the applicable offering documents). In the event of the liquidation, dissolution or winding-up of the Bank, where a Trigger Event has not occurred, Series 40 and Series 41 holders are entitled to receive \$25.00 cash per share together with all dividends declared and unpaid to the date of payment before any amount is paid to the holders of any shares ranking junior to the Series 40 or Series 41 shares, respectively.
- Class B — Series 42 shares are redeemable at the Bank's option on August 25, 2022 and every five years thereafter for \$25.00 cash per share. If the shares are not redeemed on the redemption dates, investors have the option to convert the shares into Class B — Series 43 Preferred shares and, if converted, have the option to convert back to Series 42 Preferred shares on subsequent redemption dates. The Series 42 shares carry a non-cumulative quarterly dividend of \$0.275 per share until August 25, 2022. Dividends payable after August 25, 2022 on the Series 42 and Series 43 shares will be set based on prevailing market rates plus a predetermined spread. The Bank may not amend any rights, privileges, restrictions and conditions attaching to the Series 42 or Series 43 shares without approval given by two-thirds of the holders of either the Series 42 or Series 43 shares, as applicable. If a Trigger Event (as defined below) were to occur, all of the then outstanding Series 42 or Series 43 shares, as applicable, will be automatically exchanged, without the consent of the holders, for newly issued fully-paid and freely-tradable common shares of the Bank, the number of which to be determined in accordance with a contingent conversion formula (as set out in the applicable offering documents). In the event of the liquidation, dissolution or winding-up of the Bank, where a Trigger Event has not occurred, Series 42 and Series 43 holders are entitled to receive \$25.00 cash per share together with all dividends declared and unpaid to the date of payment before any amount is paid to the holders of any shares ranking junior to the Series 42 or Series 43 shares, respectively.
- Class B — Series 44 shares are redeemable at the Bank's option on November 25, 2023 and every five years thereafter for \$25.00 cash per share. If the shares are not redeemed on the redemption dates,

investors have the option to convert the shares into Class B — Series 45 Preferred shares and, if converted, have the option to convert back to Series 44 Preferred shares on subsequent redemption dates. The Series 44 shares carry a non-cumulative quarterly dividend of \$0.303125 per share until November 25, 2023. Dividends payable after November 25, 2023 on the Series 44 and Series 45 shares will be set based on prevailing market rates plus a predetermined spread. The Bank may not amend any rights, privileges, restrictions and conditions attaching to the Series 44 or Series 45 shares without approval given by two-thirds of the holders of either the Series 44 or Series 45 shares, as applicable. If a Trigger Event (as defined below) were to occur, all of the then outstanding Series 44 or Series 45 shares, as applicable, will be automatically exchanged, without the consent of the holders, for newly issued fully-paid and freely-tradable common shares of the Bank, the number of which to be determined in accordance with a contingent conversion formula (as set out in the applicable offering documents). In the event of the liquidation, dissolution or winding-up of the Bank, where a Trigger Event has not occurred, Series 44 and Series 45 holders are entitled to receive \$25.00 cash per share together with all dividends declared and unpaid to the date of payment before any amount is paid to the holders of any shares ranking junior to the Series 44 or Series 45 shares, respectively.

- Class B — Series 46 shares are redeemable at the Bank's option on May 25, 2024 and every five years thereafter for \$25.00 cash per share. If the shares are not redeemed on the redemption dates, investors have the option to convert the shares into Class B — Series 47 Preferred shares and, if converted, have the option to convert back to Series 46 Preferred shares on subsequent redemption dates. The Series 46 shares carry a non-cumulative quarterly dividend of \$0.31875 per share until May 25, 2024. Dividends payable after May 25, 2024 on the Series 46 and Series 47 shares will be set based on prevailing market rates plus a predetermined spread. The Bank may not amend any rights, privileges, restrictions and conditions attaching to the Series 46 or Series 47 shares without approval given by two-thirds of the holders of either the Series 46 or Series 47 shares, as applicable. If a Trigger Event (as defined below) were to occur, all of the then outstanding Series 46 or Series 47 shares, as applicable, will be automatically exchanged, without the consent of the holders, for newly issued fully-paid and freely-tradable common shares of the Bank, the number of which to be determined in accordance with a contingent conversion formula (as set out in the applicable offering documents). In the event of the liquidation, dissolution or winding-up of the Bank, where a Trigger Event has not occurred, Series 46 and Series 47 holders are entitled to receive \$25.00 cash per share together with all dividends declared and unpaid to the date of payment before any amount is paid to the holders of any shares ranking junior to the Series 46 or Series 47 shares, respectively.
- Class B — Series 48 shares are redeemable at the Bank's option during the period from October 26, 2025 to and including November 26, 2025, and during the period from October 26 to and including November 26 every five years thereafter for \$1,000.00 cash per share and in certain other circumstances. Upon any redemption of the Series 48 shares held by the limited recourse trust, the Bank shall redeem (subject to the prior written approval of the Superintendent (as defined below)) limited recourse capital notes, Series 1, with an aggregate principal amount equal to the aggregate face amount of the Series 48 shares redeemed by the Bank. The Series 48 shares carry non-cumulative preferential cash dividends, as and when declared by the board of directors of the Bank, payable semi-annually until November 26, 2025. Dividends payable after November 26, 2025 on the Series 48 shares will be set based on prevailing market rates plus a predetermined spread. The limited recourse trustee, as trustee of the limited recourse trust, will, by written notice, provide to the Bank a waiver of its right to receive any and all dividends on the Series 48 shares during the period from and including the date of the waiver to and including the date upon which the limited recourse trustee provides, by written notice, a revocation of the waiver. The Bank may not amend any rights, privileges, restrictions and conditions attaching to the Series 48 shares without approval given by two-thirds of the holders of the Series 48 shares, as applicable. If a Trigger Event (as defined below) were to occur, all of the then outstanding Series 48 shares, as applicable, will be automatically exchanged, without the consent of the holders, for newly issued fully-paid and freely-tradable common shares of the Bank, the number of which to be determined in accordance with a contingent conversion formula (as set out in the

applicable offering documents). In the event of the liquidation, dissolution or winding-up of the Bank, where a Trigger Event has not occurred, Series 48 holders are entitled to receive \$1,000.00 cash per share together with all dividends declared and unpaid to the date of payment before any amount is paid to the holders of any shares ranking junior to the Series 48 shares, respectively.

- Class B — Series 49 shares are redeemable at the Bank’s option during the period from April 26, 2027 to and including May 26, 2027, and during the period from April 26 to and including May 26 every five years thereafter for \$1,000.00 cash per share and in certain other circumstances. Upon any redemption of the Series 49 shares held by the limited recourse trust, the Bank shall redeem (subject to the prior written approval of the Superintendent (as defined below)) limited recourse capital notes, Series 2, with an aggregate principal amount equal to the aggregate face amount of the Series 49 shares redeemed by the Bank. The Series 49 shares carry non-cumulative preferential cash dividends, as and when declared by the board of directors of the Bank, payable semi-annually until May 26, 2027. Dividends payable after May 26, 2027 on the Series 49 shares will be set based on prevailing market rates plus a predetermined spread. The limited recourse trustee, as trustee of the limited recourse trust, will, by written notice, provide to the Bank a waiver of its right to receive any and all dividends on the Series 49 shares during the period from and including the date of the waiver to and including the date upon which the limited recourse trustee provides, by written notice, a revocation of the waiver. The Bank may not amend any rights, privileges, restrictions and conditions attaching to the Series 49 shares without approval given by two-thirds of the holders of the Series 49 shares, as applicable. If a Trigger Event (as defined below) were to occur, all of the then outstanding Series 49 shares, as applicable, will be automatically exchanged, without the consent of the holders, for newly issued fully-paid and freely-tradable common shares of the Bank, the number of which to be determined in accordance with a contingent conversion formula (as set out in the applicable offering documents). In the event of the liquidation, dissolution or winding-up of the Bank, where a Trigger Event has not occurred, Series 49 holders are entitled to receive \$1,000.00 cash per share together with all dividends declared and unpaid to the date of payment before any amount is paid to the holders of any shares ranking junior to the Series 49 shares, respectively.
- A “Trigger Event” means any one of the following:
 - the Superintendent of Financial Institutions (the “*Superintendent*”) publicly announces that the Bank has been advised, in writing, that the Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and that, after the conversion or write-off, as applicable, of all contingent instruments issued by the Bank and taking into account any other factors or circumstances that are considered relevant or appropriate, it is reasonably likely that the viability of the Bank will be restored or maintained; or
 - a federal or provincial government in Canada publicly announces that the Bank has accepted or agreed to accept a capital injection, or equivalent support, from the federal government or any provincial government or political subdivision or agent or agency thereof without which the Bank would have been determined by the Superintendent to be non-viable.

Limitations Affecting Holders of Common and Preferred Shares

Restraints on Bank Shares Under the Bank Act

The Bank Act contains restrictions on the issue, transfer, acquisition, beneficial ownership and voting of all shares of a Canadian chartered bank. For example, no person or group of associated persons may own more than 10% of any class of shares of the Bank without the approval of the Minister of Finance (Canada) (“*Minister of Finance*”) and no person may be a “major shareholder” of a bank if the bank has equity of \$12 billion or more (which would include the Bank). A person is a major shareholder of a bank where: (i) the aggregate number of shares of any class of voting shares beneficially owned by that person, and that are beneficially owned by any entities controlled by that person is more than 20% of that class of voting shares; or (ii) the aggregate number of

shares of any class of non-voting shares beneficially owned by that person, and that are beneficially owned by any entities controlled by that person is more than 30% of that class of non-voting shares. The Minister of Finance may only approve the acquisition of up to 30% of the shares of any class of non-voting shares and up to 20% of the shares of a class of voting shares of the Bank, provided, in each case, that the person acquiring those shares does not have direct or indirect influence over the Bank that, if exercised, would result in that person having control in fact of the Bank. No person may have a “significant interest” in any class of shares of a bank, including the Bank, unless the person first receives the approval of the Minister of Finance. In addition, the Bank is not permitted to record any transfer or issue of any shares of the Bank if the transfer or issue would cause the person to have a significant interest in a class of shares, unless the prior approval of the Minister of Finance is obtained. No person who has a significant interest in the Bank may exercise any voting rights attached to the shares held by that person, unless the prior approval of the Minister of Finance for the acquisition of the significant interest is obtained. For purposes of the Bank Act, a person has a significant interest in a class of shares of a bank where the aggregate of any shares of the class beneficially owned by that person, by entities controlled by that person and by any person associated or acting jointly or in concert with that person exceeds 10% of all of the outstanding shares of that class of shares of such bank. If a person contravenes any of these restrictions, the Minister of Finance may, by order, direct that person to dispose of all or any portion of those shares. Holders of securities of the Bank may be required to furnish declarations relating to ownership in a form prescribed by the Bank.

Furthermore, the Bank Act prohibits banks, including the Bank, from recording a transfer or issuing shares of any class to the Government of Canada, or of any province thereof, to any foreign government or the government of any state, province or other political subdivision of a foreign country or to any agent or agency of any of the foregoing, except in certain circumstances that requires the consent of the Minister of Finance.

Bank Act and Government Restrictions and Approvals

Under the Bank Act, the Bank cannot redeem or purchase any of its shares, including its common shares, unless the consent of OSFI has been obtained. In addition, the Bank Act prohibits a payment to purchase or redeem any shares or the declaration and payment of a dividend if there are reasonable grounds for believing that the Bank is, or the payment would cause the Bank to be, in contravention of the capital adequacy and liquidity regulations of the Bank Act or any capital or liquidity directions of OSFI. The Bank is prohibited from declaring dividends on its preferred or common shares when it would be, as a result of paying such a dividend, in contravention of the capital adequacy, liquidity or other regulatory directives issued under the Bank Act. In addition, common share dividends cannot be paid unless all dividends declared and payable on the Bank’s preferred shares have been paid or sufficient funds have been set aside to do so. The declaration, amount and payment of future dividends is subject to the discretion of the board of directors, and will be dependent upon the Bank’s results of operations, financial condition, cash requirements and future regulatory restrictions on the payment of dividends and other factors deemed relevant by the board of directors.

The government of Canada placed a moratorium on mergers among Canada’s largest financial institutions in 2003, including the Bank and its peers, pending a further review of Canada’s bank merger policy. It is unlikely that the Minister of Finance would grant an approval for a merger between any large Canadian financial institutions at this time.

The restrictions contained in the Bank Act and the Canadian government’s policies may deter, delay or prevent a future amalgamation involving the Bank and will prevent the acquisition of control of the Bank, including transactions that could be perceived as advantageous to the Bank’s shareholders.

Non-Viability Contingent Capital Provisions

Under capital adequacy requirements adopted by OSFI, in order to qualify as regulatory capital, preferred shares issued after January 1, 2013 must include terms providing for the full and permanent conversion of those

preferred shares into common shares upon the occurrence of certain trigger events relating to financial viability (“*Non-Viability Contingent Capital Provisions*”). The specific terms of any Non-Viability Contingent Capital Provisions for any preferred shares that the Bank issues under this prospectus will be described in one or more supplements relating to those preferred shares.

Amendments to the Rights, Privileges, Restrictions and Conditions of the Bank’s Share Capital

Under the Bank Act, the rights of holders of the Bank’s shares can be changed by the board of directors of the Bank by making, amending or repealing the by-laws of the Bank. The board of directors of the Bank must submit such a by-law, or amendment to or repeal of a by-law, to the shareholders of the Bank in accordance with the procedures of the Bank Act and the Bank’s by-laws, and the shareholders must approve the by-law, amendment to or repeal of the by-law by special resolution to be effective. Under the Bank Act, a special resolution is a resolution passed by not less than two-thirds of the votes cast by or on behalf of the shareholders who voted in respect of that resolution or signed by all the shareholders entitled to vote on that resolution. In some circumstances, the Bank Act mandates that holders of shares of a class or a series are entitled to vote separately as a class or series on a proposal to amend the by-laws of the Bank.

Meetings of the Shareholders

Quorum

The Bank Act permits a bank to establish by by-law the quorum requirement for meetings of shareholders. The Bank’s by-laws provide that a quorum at any meeting of shareholders will be any two or more shareholders entitled to vote at the meeting present in person or represented by proxy and representing either in person or by proxy at least 25% of the issued and outstanding shares of the Bank entitled to vote.

Annual Meetings; Shareholder Proposals

The Bank is required to hold an annual meeting of shareholders not later than six months after the end of each financial year on such day and at such time as its directors shall determine.

Proposals by shareholders of a bank may be made by certain registered or beneficial holders of shares that are entitled to vote at an annual meeting of shareholders. To be eligible to submit any shareholder proposal, a shareholder must satisfy certain eligibility criteria set forth in the Bank Act. Under the Bank Act, shareholder proposals may only be submitted at annual meetings of shareholders. A shareholder eligible to submit a proposal and entitled to vote at an annual meeting of shareholders may submit to the Bank notice of any matter that the shareholder proposes to raise at the meeting provided that, among other things, the proposal is submitted to the Bank at least 90 days before the anniversary date of the notice of meeting that was sent to shareholders in respect of the Bank’s previous annual meeting of shareholders.

If the Bank solicits proxies for such annual meeting, it is required to set out in the management proxy a proposal submitted by a shareholder for consideration at such meeting. If so requested by a shareholder who submits a proposal to the Bank, the Bank is required to include in the management proxy circular, or attach thereto, a statement by the shareholder in support of the proposal and the name and address of the shareholder. The proposal and the statement together are not to exceed the prescribed maximum number of words. Under the Bank Act, a proposal may include nominations for the election of directors if it is signed by one or more shareholders of shares representing in the aggregate not less than 5% of the issued and outstanding shares of the Bank or 5% of the issued and outstanding shares of a class of shares of the Bank entitled to vote at the meeting at which the proposal is to be presented.

The Bank is not required to comply with the obligations to include the proposal, or a statement of the shareholder submitting a proposal, in its management proxy circular, if

- the proposal is not submitted to the Bank at least the prescribed number of days before the anniversary date of the notice of meeting that was sent to shareholders in respect of the previous annual meeting of shareholders;
- it clearly appears that the primary purpose of the proposal is to enforce a personal claim or redress a personal grievance against the Bank or its directors, officers or security holders;
- it clearly appears that the proposal does not relate in a significant way to the business or affairs of the Bank;
- the person submitting the proposal failed within the prescribed period before the Bank receives their proposal to present, in person or by proxy, at a meeting of shareholders a proposal that at their request had been set out in or attached to a management proxy circular;
- substantially the same proposal was set out in or attached to a management proxy circular or dissident's proxy circular relating to, and presented to shareholders at, a meeting of shareholders of the Bank held within the prescribed period before the receipt of the proposal and did not receive the prescribed minimum amount of support at the meeting; or
- the rights to submit a proposal as described above are being abused to secure publicity.

If the Bank refuses to include a proposal in a management proxy circular, it is obligated to notify the shareholder in writing of such refusal and its reasons for such refusal. The shareholder may apply to a court if such shareholder claims it has been aggrieved by such refusal, and the court may restrain the holding of the meeting at which the proposal is sought to be presented and may make such further order it thinks fit. In addition, if the Bank claims to be aggrieved by the proposal, it may apply to a court for an order permitting the Bank to omit the proposal from the management proxy circular.

Special Meetings

Under the Bank Act, special meetings of shareholders may be called at any time by the board of directors. In addition, subject to certain provisions of the Bank Act, the holders of not less than 5% of the issued and outstanding shares of the Bank that carry the right to vote at a meeting may request that the directors call a meeting of shareholders for the purpose stated in the request and may call the special meeting if the directors do not do so within 21 days after receiving the request.

Anti-Takeover Provisions and Ownership Provisions

Rules and policies of certain Canadian securities regulatory authorities, including Multilateral Instrument 61-101 — Protection of Minority Security Holders in Special Transactions, contain requirements in connection with “related party transactions.” A related party transaction means, among other things, any transaction in which an issuer directly or indirectly engages in the following with a related party: acquires, sells, leases or transfers an asset, acquires the related party, acquires or issues securities, amends the terms of a security if the security is owned by the related party or assumes or becomes subject to a liability or takes certain other actions with respect to debt.

“Related party” includes directors, senior officers and holders of more than 10% of the voting rights attached to all outstanding voting securities of the issuer or holders of a sufficient number of any securities of the issuer to materially affect control of the issuer.

If a transaction is determined to be a related party transaction, Multilateral Instrument 61-101 requires, subject to certain exceptions, the preparation of a formal valuation relating to certain aspects of the transaction and more detailed disclosure in the proxy material sent to security holders in connection with the related party transaction, including disclosure related to the valuation.

Multilateral Instrument 61-101 also requires, subject to certain exceptions, that an issuer not engage in a related party transaction unless the shareholders of the issuer, other than the related parties, approve the transaction by a simple majority of the votes cast.

In addition, under the Bank Act, a sale of all or substantially all of the Bank's assets to another financial institution or an amalgamation must also be approved by the shareholders by special resolution passed by a vote of not less than two-thirds of the votes cast by shareholders who voted in respect of the resolution, with each share carrying the right to vote whether or not it otherwise carries the right to vote. The holders of each class or series of shares which is affected differently by the sale from the shares of any other class or series are entitled to vote separately as a class or series. The Minister of Finance must also approve any such sale or amalgamation involving the Bank.

These restrictions, in addition to those imposed by the Bank Act relating to the purchase or other acquisition, issue, transfer and voting of shares of the Bank's common shares may deter, delay or prevent a future amalgamation involving the Bank and will prevent the acquisition of control of the Bank, including transactions that could be perceived as advantageous to the Bank's shareholders. See "*Description of Common Shares and Preferred Shares — Limitations Affecting Holders of Common and Preferred Shares.*"

Rights of Inspection

Any person is entitled to a basic list of the Bank's shareholders and may request the Bank to furnish such list within 10 days after receipt by the Bank of an affidavit, swearing that the list will not be used except in accordance with a permitted purpose, and payment of a reasonable fee. Further, shareholders and creditors of the Bank and their personal representatives may examine certain limited records of the Bank during its usual business hours and may take extracts therefrom, free of charge, or have copies made thereof on payment of a reasonable fee.

Transfer Agent and Registrar

The registrar and transfer agent for the Bank's common and preferred shares is Computershare Trust Company of Canada with transfer facilities in the cities of Montreal, Toronto, Calgary and Vancouver. In addition, Computershare Investor Services PLC and Computershare Trust Company, N.A. serve as transfer agents and registrars for common shares in Bristol, United Kingdom and Canton, Maine, respectively.

DESCRIPTION OF DEBT SECURITIES WE MAY OFFER

References to the “*Bank*,” “*us*,” “*we*” or “*our*” in this section mean Bank of Montreal, and do not include the subsidiaries of Bank of Montreal. Also, in this section, references to “*holders*” mean those who own debt securities registered in their own names, on the books that we or the applicable trustee maintain for this purpose, and not those who own beneficial interests in debt securities registered in street name or in debt securities issued in book-entry form through one or more depositaries. When we refer to “*you*” in this section, we mean all purchasers of the debt securities being offered by this prospectus, whether they are the holders or only indirect owners of those debt securities. Owners of beneficial interests in the debt securities should read the section below entitled “ — *Legal Ownership and Book-Entry Issuance*.”

Debt Securities May Be Senior or Subordinated

We may issue debt securities which may be senior or subordinated in right of payment. Unless otherwise specified in the applicable prospectus supplement, neither the senior debt securities nor the subordinated debt securities will be secured by any of our property or assets or the property or assets of our subsidiaries. Thus, by owning a debt security, you are one of our unsecured creditors.

The senior debt securities will be issued under our senior debt indenture, as supplemented by the first supplemental indenture thereto, described below and will be unsubordinated obligations that rank equally with all of our other unsecured and unsubordinated debt, including deposit liabilities, other than certain governmental claims in accordance with applicable law.

The subordinated debt securities will be issued under our subordinated debt indenture described below and, if a trigger event has not occurred as contemplated under the specific Non-Viability Contingent Capital Provisions (as defined below) as may be applicable to such subordinated debt securities, will be subordinate in right of payment to all of our “*senior indebtedness*,” as defined in the subordinated debt indenture. Neither indenture limits our ability to incur additional indebtedness.

The Bank’s debt securities issued on or after September 23, 2018 may, depending on their terms, be subject to the bail-in regime (as defined below under “ — *Canadian Bank Resolution Powers*”) and bail-in conversion (as defined below under “ — *Special Provisions Related to Bail-inable Debt Securities*”).

In the event we become insolvent, our governing legislation provides that priorities among payments of our deposit liabilities (including payments in respect of the senior debt securities) and payments of all of our other liabilities (including payments in respect of the subordinated debt securities) are to be determined in accordance with the laws governing priorities and, where applicable, by the terms of the indebtedness and liabilities. Because we have subsidiaries, our right to participate in any distribution of the assets of our banking or non-banking subsidiaries, upon a subsidiary’s dissolution, winding-up, liquidation or reorganization or otherwise, and thus your ability to benefit indirectly from such distribution, is subject to the prior claims of creditors of that subsidiary, except to the extent that we may be a creditor of that subsidiary and our claims are recognized. There are legal limitations on the extent to which some of our subsidiaries may extend credit, pay dividends or otherwise supply funds to, or engage in transactions with, us or some of our other subsidiaries. Accordingly, the debt securities will be structurally subordinated to all existing and future liabilities of our subsidiaries, and holders of debt securities should look only to our assets for payments on the debt securities.

Neither the senior debt securities nor the subordinated debt securities will constitute deposits insured under the Canada Deposit Insurance Corporation Act (Canada) or by the United States Federal Deposit Insurance Corporation or any other Canadian or United States governmental agency or instrumentality.

When we refer to “*debt securities*” in this prospectus, we mean both the senior debt securities and the subordinated debt securities.

The Senior and Subordinated Debt Indentures

The senior debt securities and the subordinated debt securities are each governed by an indenture — the senior debt indenture, as supplemented from time to time, in the case of the senior debt securities, and the subordinated debt indenture, in the case of the subordinated debt securities. When we refer to the “*indentures*,” we mean both the senior debt indenture, as supplemented from time to time, and the subordinated debt indenture, and when we refer to the “*indenture*,” we mean either the senior debt indenture, as supplemented from time to time, or the subordinated debt indenture, as applicable. Unless otherwise provided in a prospectus supplement which names The Bank of New York Mellon as Series Trustee for certain senior debt securities being offered, each indenture is a contract between us and Computershare Trust Company, N.A., as successor to Wells Fargo Bank, National Association, which acts as trustee. The indentures are substantially identical, except for the provisions relating to:

- the events of default, which are more limited in the subordinated debt indenture;
- subordination, which are included only in the subordinated debt indenture;
- provisions required as a result of regulatory capital requirements, including the bail-in regime (as defined below under “— *Canadian Bank Resolution Powers*”); and
- possible conversions or exchanges.

Reference to the indenture or the trustee, with respect to any debt securities, means the indenture under which those debt securities are issued and the trustee under that indenture.

The trustee has two main roles:

- The trustee can enforce the rights of holders against us if we default on our obligations under the terms of the indenture or the debt securities. There are some limitations on the extent to which the trustee acts on behalf of holders, described below under “— *Events of Default — Remedies If an Event of Default Occurs*.”
- The trustee performs administrative duties for us, such as sending interest payments and notices to holders and transferring a holder’s debt securities to a new buyer if a holder sells.

The indentures and their associated documents contain the full legal text of the matters described in this section. The indentures and the debt securities will be governed by New York law, except that the subordination provisions and provisions related to non-viability contingent capital automatic conversion in the subordinated debt indenture, certain provisions relating to the status of the senior debt securities under Canadian law in the senior debt indenture and provisions relating to the bail-in acknowledgment of holders and beneficial owners of bail-inable debt securities in the senior debt indenture will be governed by the laws of the Province of Ontario and the federal laws of Canada applicable therein. A copy of the senior debt indenture and a copy of the subordinated debt indenture are exhibits to the Registration Statement of which this prospectus forms a part. See “*Where You Can Find More Information*” above for information on how to obtain a copy.

Issuing Branch

Debt securities may, if specified in the applicable prospectus supplement, be issued by our Chicago branch. If our Chicago branch issues debt securities, the applicable prospectus supplement will also describe: (1) the terms of debt securities issued by our Chicago branch, including terms relating to events of default in respect of those debt securities, (2) whether those debt securities will be issued under a supplemental indenture to either the senior debt indenture or the subordinated debt indenture, as applicable, or under a new indenture, and (3) any material U.S. or Canadian tax, regulatory or insolvency considerations applicable to those debt securities.

General

We may issue as many distinct series of debt securities under either indenture as we wish. The provisions of the senior debt indenture and the subordinated debt indenture allow us not only to issue debt securities with terms

different from those previously issued under the applicable indenture, but also to “re-open” a previous issue of a series of debt securities and issue additional debt securities of that series. We do not intend to re-open a previous issue of a series of debt securities where such re-opening would have the effect of making the relevant debt securities of such series subject to bail-in conversion (as defined under “— *Special Provisions Related to Bail-inable Debt Securities*”). We may issue debt securities in amounts that exceed the total amount specified on the cover of your applicable supplement at any time without your consent and without notifying you. In addition, we may issue additional debt securities of any series at any time without your consent and without notifying you. We may also issue other debt securities at any time without your consent and without notifying you. The indentures do not limit our ability to incur other indebtedness or to issue other debt securities, and we are not subject to financial or similar restrictions under the indentures.

This section summarizes the material terms of the debt securities that are common to all series, subject to any modifications contained in an applicable supplement. Most of the specific terms of your series will be described in the applicable supplements accompanying this prospectus. As you read this section, please remember that the specific terms of your debt security as described in the applicable supplements will supplement and, if applicable, may modify or replace the general terms described in this section. If there are any differences between the information in the applicable supplements and this prospectus, the information in the most recent applicable supplement will control. Accordingly, the statements we make in this section may not apply to your debt securities. Because this section is a summary, it does not describe every aspect of the debt securities. This summary is subject to and qualified in its entirety by reference to all the provisions of the indentures and the applicable series of debt securities, including definitions of certain terms used in the indentures and the applicable series of debt securities. In this summary, we describe the meaning of only some of the more important terms. You must look to the indentures or the applicable series of debt securities for a more complete description.

We may issue the debt securities as original issue discount debt securities, which will be offered and sold at a substantial discount below their stated principal amount. An applicable supplement relating to the original issue discount securities will describe U.S. federal income tax consequences and other special considerations applicable to them. The debt securities may also be issued as indexed debt securities or debt securities denominated in foreign currencies or currency units, as described in more detail in an applicable supplement relating to any of the particular debt securities. An applicable supplement relating to specific debt securities will also describe any special considerations and any material additional tax considerations applicable to such debt securities.

When we refer to a series of debt securities, we mean a series issued under the indenture pursuant to which the debt securities will be issued. Each series is a single distinct series under the indenture pursuant to which they will be issued and we may issue debt securities of each series in such amounts, at such times and on such terms as we wish. The debt securities of each series will differ from one another, and from any other series, in their terms, but all debt securities of a series together will constitute a single series for all purposes under the indenture pursuant to which they will be issued, except as described in the section “— *Events of Default*” below or the applicable supplements.

We may issue debt securities up to an aggregate principal amount as we may authorize from time to time. The applicable supplements will describe the terms of any debt securities being offered, including:

- the title of the series of debt securities;
- whether it is a series of senior debt securities or a series of subordinated debt securities;
- any limit on the aggregate principal amount of the series of debt securities;
- the person to whom interest on a debt security is payable, if other than the holder on the regular record date;
- the date or dates on which the series of debt securities will mature;

- the rate or rates (which may be fixed or variable) per annum, at which the series of debt securities will bear interest, if any, and the date or dates from which that interest, if any, will accrue;
- the dates on which such interest, if any, will be payable and the regular record dates for such interest payment dates;
- the place or places where the principal of, premium, if any, and interest on the debt securities is payable;
- any mandatory or optional sinking funds or similar provisions or provisions for redemption at our option or the option of the holder;
- if applicable, the date after which, the price at which, the periods within which and the terms and conditions upon which the debt securities may, pursuant to any optional or mandatory redemption provisions, be redeemed and other detailed terms and provisions of those optional or mandatory redemption provisions, if any;
- if applicable, the terms and conditions upon which the debt securities may be repayable prior to final maturity at the option of the holder thereof (which option may be conditional);
- the portion of the principal amount of the debt securities, if other than the entire principal amount thereof, payable upon acceleration of maturity thereof;
- the specific terms of any Non-Viability Contingent Capital Provisions;
- the specific terms of any bail-inable debt securities (as defined below under “— *Special Provisions Related to Bail-inable Debt Securities*”);
- the specific terms of any limited recourse provisions;
- if the debt securities may be converted into or exercised or exchanged for other of our debt securities or the debt or equity securities of third parties, the terms on which conversion, exercise or exchange may occur, including whether conversion, exercise or exchange is mandatory, at the option of the holder or at our option, the period during which conversion, exercise or exchange may occur, the initial conversion, exercise or exchange price or rate and the circumstances or manner in which the amount of our debt securities or the debt or equity securities of third parties issuable upon conversion, exercise or exchange may be adjusted;
- if other than denominations of \$1,000 and any integral multiples thereof, the denominations in which the series of debt securities will be issuable;
- the currency of payment of principal, premium, if any, and interest on the series of debt securities;
- if the currency of payment for principal, premium, if any, and interest on the series of debt securities is subject to our election or that of a holder, the currency or currencies in which payment can be made and the period within which, and the terms and conditions upon which, the election can be made;
- any index, formula or other method used to determine the amount of payment of principal or premium, if any, and/or interest on the series of debt securities;
- the applicability of the provisions described under “— *Defeasance*” below;
- any event of default under the series of debt securities if different from those described under “— *Events of Default*” below;
- if the series of debt securities will be issuable only in the form of a global security, the depositary or its nominee with respect to the series of debt securities and the circumstances under which the global security may be registered for transfer or exchange in the name of a person other than the depositary or the nominee; and
- any other special feature of the series of debt securities.

An investment in debt securities may involve special risks, including risks associated with indexed securities and currency-related risks if the debt security is linked to an index or is payable in or otherwise linked to a non-U.S. dollar currency. Risks specific to these types of debt securities will be included in the applicable supplements.

Market-Making Transactions

One or more of our affiliates may purchase and resell debt securities in market-making transactions after their initial issuance. We may also, subject to applicable law and any required regulatory approval, purchase debt securities in the open market or in private transactions to be held by us or cancelled.

If you purchase securities issued before September 23, 2018 in a market making transaction, those securities will not be bail-inable securities, even though the applicable pricing supplement may not specify that your securities are not bail-inable securities.

Covenants

Except as described in this sub-section or as otherwise provided in an applicable supplement with respect to any series of debt securities, we are not restricted by the indentures from incurring, assuming or becoming liable for any type of debt or other obligations, from paying dividends or making distributions on our capital stock or purchasing or redeeming our capital stock. The indentures do not require the maintenance of any financial ratios or specified levels of net worth or liquidity, nor do they contain any covenants or other provisions that would limit our or our subsidiaries' right to incur additional indebtedness, enter into any sale and leaseback transaction or grant liens on our or our subsidiaries' assets. The indentures do not contain any provisions that would require us to repurchase or redeem or otherwise modify the terms of any of the debt securities upon a change in control or other events that may adversely affect the creditworthiness of the debt securities, for example, a highly leveraged transaction, except as otherwise specified in this prospectus or any applicable supplement.

Mergers and Similar Events

Each of the indentures provide that we are permitted to merge, amalgamate, consolidate or otherwise combine with another entity, or to sell or lease substantially all of our assets to another entity, as long as the following conditions are met:

- When we merge, amalgamate, consolidate or otherwise are combined with or acquired by, another entity, or sell or lease substantially all of our assets, the surviving, resulting or acquiring entity is a duly organized entity and is legally responsible for and assumes, either by agreement, operation of law or otherwise, our obligations under such indenture and the debt securities issued thereunder.
- The merger, amalgamation, consolidation, other combination, or sale or lease of assets, must not result in an event of default under such indenture. A default for this purpose would include any event that would be an event of default if the requirements for giving us default notice or our default having to exist for a specified period of time were disregarded.

If the conditions described above are satisfied, we will not need to obtain the consent of the holders of the debt securities in order to merge, amalgamate, consolidate or otherwise combine with another entity or to sell substantially all of our assets.

We will not need to satisfy the conditions described above if we enter into other types of transactions, including:

- any transaction in which we acquire the stock or assets of another entity but in which we do not merge, amalgamate, consolidate or otherwise combine;

- any transaction that involves a change of control of the Bank but in which we do not merge, amalgamate, consolidate or otherwise combine; and
- any transaction in which we sell less than substantially all of our assets.

It is possible that this type of transaction may result in a reduction in our credit rating, may reduce our operating results or may impair our financial condition. Holders of debt securities, however, will have no approval right with respect to any transaction of this type.

Modification and Waiver of the Debt Securities

There are four types of changes we can make to the indenture and the debt securities issued under that indenture.

- *Changes Requiring Consent of All Holders.* First, there are changes that cannot be made to the indenture or the debt securities without the consent of each holder of a series of debt securities affected in any material respect by the change under a particular indenture. The following is a list of those types of changes:
 - change the stated maturity of the principal or reduce the interest on a debt security;
 - reduce any amounts due on a debt security;
 - reduce the amount of principal payable upon acceleration of the maturity of a debt security (including the amount payable on an original issue discount security) following a default;
 - change the currency of payment on a debt security;
 - change the place of payment for a debt security;
 - impair a holder's right to sue for payment;
 - impair a holder's right to require repurchase on the original terms of those debt securities that provide a right of repurchase;
 - reduce the percentage of holders of debt securities whose consent is needed to modify or amend the indenture;
 - reduce the percentage of holders of debt securities whose consent is needed to waive compliance with certain provisions of the indenture or to waive certain defaults; or
 - modify any other aspect of the provisions dealing with modification and waiver of the indenture.
- *Changes Requiring a Majority Consent.* The second type of change to the indenture and the debt securities is the kind that requires the consent of holders of debt securities owning not less than a majority of the principal amount of the particular series affected. Most changes fall into this category, except for clarifying changes and certain other changes that would not adversely affect in any material respect holders of the debt securities. We may also obtain a waiver of a past default from the holders of debt securities owning a majority of the principal amount of the particular series affected. However, we cannot obtain a waiver of a payment default or any other aspect of the indenture or the debt securities listed in the first category described above under “ — *Changes Requiring Consent of All Holders*” unless we obtain the individual consent of each holder to the waiver.
- *Changes Not Requiring Consent.* The third type of change to the indenture and the debt securities does not require the consent by holders of debt securities. This type is limited to the issuance of new series of debt securities under the indenture, clarifications and certain other changes that would not adversely affect in any material respect the interests of the holders of the debt securities of any series. We may also make changes or obtain waivers that do not adversely affect in any material respect a particular debt security, even if they affect other debt securities. In those cases, we do not need to obtain the consent of the holder of that debt security; we need only obtain any required approvals from the holders of the affected debt securities.

- *Modification of Subordination Provisions.* The fourth type of change to the indenture and the debt securities is the kind that requires the consent of the holders of a majority of the principal amount of all affected series of subordinated debt securities, voting together as one class. We may not modify the subordination provisions of the subordinated debt indenture in a manner that would adversely affect in any material respect the outstanding subordinated debt securities of any one or more series without the consent of the holders of a majority of the principal amount of all affected series of subordinated debt securities, voting together as one class.

Modification of Bail-inable Debt Securities. Where an amendment, modification or other variance that can be made to the indenture or the bail-inable debt securities would affect the recognition of those bail-inable debt securities by the Superintendent as TLAC (as defined below under “— *Canadian Bank Resolution Powers*”), that amendment, modification or variance will require the prior approval of the Superintendent.

Modification of Subordinated Debt Securities. Any modification to the terms and conditions of the subordinated debt securities which might affect the classification afforded the subordinated debt securities under the capital adequacy requirements pursuant to the Bank Act and the regulations and guidelines thereunder will require the prior written approval of the Superintendent.

Further Details Concerning Voting. When seeking consent, we will use the following rules to decide how much principal amount to attribute to a debt security:

- For original issue debt discount securities, we will use the principal amount that would be due and payable on the voting date if the maturity of the debt securities were accelerated to that date because of a default.
- For debt securities whose principal amount is not known (for example, because it is based on an index), we will use a special rule for that debt security described in the applicable supplement.
- For debt securities denominated in one or more non-U.S. currencies or currency units, we will use the U.S. dollar equivalent.

Debt securities will not be considered outstanding, and therefore not eligible to vote or take other action under the applicable indenture, if we have given a notice of redemption and deposited or set aside in trust for the holders’ money for the payment or redemption of the debt securities. Debt securities will also not be considered outstanding, and therefore not eligible to vote or take other action under the applicable indenture, if they have been fully defeased as described below under “— *Defeasance — Full Defeasance*” or if we or one of our affiliates is the beneficial owner of the debt securities.

We will generally be entitled to set any day as a record date for the purpose of determining the holders of outstanding debt securities that are entitled to vote or take other action under the applicable indenture. In certain limited circumstances, the trustee will be entitled to set a record date for action by holders. If the trustee or we set a record date for a vote or other action to be taken by holders of a particular series, that vote or action may be taken only by persons who are holders of outstanding debt securities of that series on the record date. We or the trustee, as applicable, may shorten or lengthen this period from time to time. This period, however, may not extend beyond the 180th day after the record date for the action.

Book-entry and other indirect holders should consult their banks, brokers or other financial institutions for information on how approval may be granted or denied if we seek to change the indenture or the debt securities or request a waiver.

Special Provisions Related to Bail-inable Debt Securities

The senior debt indenture provides for certain provisions applicable to bail-inable debt securities. The prospectus supplement and, if applicable, the relevant pricing supplement will describe the specific terms of bail-inable debt securities we may issue and specify whether or not your debt security is a bail-inable debt security.

Subject to certain exceptions discussed under “— *Canadian Bank Resolution Powers*,” including for certain structured notes, senior debt issued on or after September 23, 2018, with an initial or amended term to maturity (including explicit or embedded options) greater than 400 days, that is unsecured or partially secured and that has been assigned a CUSIP or ISIN or similar identification number, is subject to conversion in whole or in part — by means of a transaction or series of transactions and in one or more steps — into common shares of the Bank or any of its affiliates under the bail-in regime (as defined below under “— *Canadian Bank Resolution Powers*”), which we refer to as a “*bail-in conversion*.” Shares, other than common shares, and subordinated debt securities of the Bank are also subject to a bail-in conversion, unless they are non-viability contingent capital. We refer to debt securities that are subject to bail-in conversion as “*bail-inable debt securities*.”

By its acquisition of an interest in any bail-inable debt security, each holder or beneficial owner of that debt security is deemed to (i) agree to be bound, in respect of the bail-inable debt securities, by the CDIC Act, including the conversion of the bail-inable debt securities, in whole or in part — by means of a transaction or series of transactions and in one or more steps — into common shares of the Bank or any of its affiliates under subsection 39.2(2.3) of the CDIC Act and the variation or extinguishment of the bail-inable debt securities in consequence, and by the application of the laws of the Province of Ontario and the federal laws of Canada applicable therein in respect of the operation of the CDIC Act with respect to the bail-inable debt securities; (ii) attorn and submit to the jurisdiction of the courts in the Province of Ontario with respect to the CDIC Act and those laws; (iii) have represented and warranted that the Bank has not directly or indirectly provided financing to the holder or beneficial owner of the bail-inable debt securities for the express purpose of investing in the bail-inable debt securities; and (iv) acknowledge and agree that the terms referred to in clauses (i) and (ii) above, are binding on that holder or beneficial owner despite any provisions in the indenture or the bail-inable debt securities, any other law that governs the bail-inable debt securities and any other agreement, arrangement or understanding between that holder or beneficial owner and the Bank with respect to the bail-inable debt securities.

Holders and beneficial owners of bail-inable debt securities will have no further rights in respect of their bail-inable debt securities to the extent those bail-inable debt securities are converted in a bail-in conversion, other than those provided under the bail-in regime, and by its acquisition of an interest in any bail-inable debt security, each holder or beneficial owner of that debt security is deemed to irrevocably consent to the converted portion of the principal amount of that debt security and any accrued and unpaid interest thereon being deemed paid in full by the Bank by the issuance of common shares of the Bank (or, if applicable, any of its affiliates) upon the occurrence of a bail-in conversion, which bail-in conversion will occur without any further action on the part of that holder or beneficial owner or the trustee; provided that, for the avoidance of doubt, this consent will not limit or otherwise affect any rights that holders or beneficial owners may have under the bail-in regime.

Trustee and Trustee’s Duties

The trustee will undertake certain procedures and seek certain remedies in the event of an event of default or a default. See “— *Events of Default*.” However, by its acquisition of an interest in any bail-inable debt security, each holder or beneficial owner of that debt security is deemed to acknowledge and agree that the bail-in conversion will not give rise to a default or event of default for purposes of Section 315(b) (*Notice of Defaults*) and Section 315(c) (*Duties of the Trustee in Case of Default*) of the Trust Indenture Act of 1939 (the “*Trust Indenture Act*”).

By its acquisition of an interest in any bail-inable debt security, each holder or beneficial owner of that debt security, to the extent permitted by the Trust Indenture Act, is deemed to waive any and all claims, in law and/or in equity, against the trustee, for, agrees not to initiate a suit against the trustee in respect of, and agrees that the trustee will not be liable for, any action that the trustee takes, or abstains from taking, in either case in accordance with the bail-in regime.

Additionally, by its acquisition of an interest in any bail-inable debt security, each holder or beneficial owner of that debt security is deemed to acknowledge and agree that, upon a bail-in conversion, or other action pursuant to the bail-in regime with respect to bail-inable debt securities,

- the trustee will not be required to take any further directions from holders of those bail-inable debt securities under Section 512 of the senior debt indenture, which section authorizes holders of a majority in aggregate outstanding principal amount of the debt securities to direct certain actions relating to the debt securities; and
- the indenture will not impose any duties upon the trustee whatsoever with respect to a bail-in conversion or such other action pursuant to the bail-in regime.

Notwithstanding the foregoing, if, following the completion of a bail-in conversion, the relevant bail-inable debt securities remain outstanding (for example, if not all bail-inable debt securities are converted), then the trustee's duties under the indenture will remain applicable with respect to those bail-inable debt securities following such completion to the extent that the Bank and the trustee will agree pursuant to a supplemental indenture or an amendment to the indenture; *provided, however*, that notwithstanding the bail-in conversion, there will at all times be a trustee for the bail-inable debt securities in accordance with the indenture, and the resignation and/or removal of the trustee, the appointment of a successor trustee and the rights of the trustee or any successor trustee will continue to be governed by the indenture, including to the extent no additional supplemental indenture or amendment to the indenture is agreed upon in the event the relevant bail-inable debt securities remain outstanding following the completion of the bail-in conversion.

DTC — Bail-in Conversion

Upon a bail-in conversion, we will provide a written notice to The Depository Trust Company (“DTC”), the trustee and the holders of bail-inable debt securities through DTC as soon as practicable regarding such bail-in conversion. The Bank will also deliver a copy of such notice to the trustee for information purposes.

By its acquisition of an interest in any bail-inable debt security, each holder or beneficial owner of that debt security is deemed to have authorized, directed and requested DTC and any direct participant in DTC or other intermediary through which it holds such bail-inable debt security to take any and all necessary action, if required, to implement the bail-in conversion or other action pursuant to the bail-in regime with respect to the bail-inable debt security as it may be imposed on it, without any further action or direction on the part of that holder or beneficial owner, the trustee or the paying agent.

Subsequent Holders' Agreement

Each holder or beneficial owner of a bail-inable debt security that acquires an interest in the bail-inable debt security in the secondary market and any successors, assigns, heirs, executors, administrators, trustees in bankruptcy and legal representatives of any holder or beneficial owner is deemed to acknowledge, accept, agree to be bound by and consent to the same provisions specified herein to the same extent as the holders or beneficial owners that acquired an interest in the bail-inable debt securities upon their initial issuance, including, without limitation, with respect to the acknowledgement and agreement to be bound by and consent to the terms of the bail-inable debt securities related to the bail-in regime.

Special Provisions Related to the Subordinated Debt Securities

The subordinated debt securities issued under the subordinated debt indenture will be our direct unsecured obligations constituting subordinated indebtedness for the purpose of the Bank Act and will therefore rank subordinate to our deposits. Holders of subordinated debt securities should recognize that contractual provisions in the subordinated debt indenture may prohibit us from making payments on these debt securities.

If we become insolvent or are wound-up, the subordinated debt securities issued and outstanding under the subordinated debt indenture will rank equally with, but not prior to, all other subordinated indebtedness and subordinate in right of payment to the prior payment in full of all other indebtedness of the Bank then outstanding, other than liabilities which, by their terms, rank in right of payment equally with or subordinate to the subordinated indebtedness, and in accordance with the terms of such liabilities or such other indebtedness.

For these purposes, “*indebtedness*” at any time means:

- (i) the deposit liabilities of the Bank at such time; and
- (ii) all other liabilities and obligations of the Bank to third parties (other than fines or penalties that, pursuant to the Bank Act, are a last charge on the assets of a Bank in the case of insolvency of the Bank and obligations to shareholders of the Bank, as such) which would entitle such third parties to participate in a distribution of the Bank’s assets in the event of the insolvency or winding-up of the Bank.

“*subordinated indebtedness*” at any time means:

- (i) the liability of the Bank in respect of the principal of and premium, if any, and interest on its outstanding subordinated indebtedness outlined above;
- (ii) any indebtedness which ranks equally with and not prior to the outstanding subordinated indebtedness, in right of payment in the event of the insolvency or winding-up of the Bank and which, pursuant to the terms of the instrument evidencing or creating the same, is expressed to be subordinate in right of payment to all indebtedness to which the outstanding subordinated indebtedness is subordinate in right of payment to at least the same extent as the outstanding subordinated indebtedness is subordinated thereto pursuant to the terms of the instrument evidencing or creating the same;
- (iii) any indebtedness which ranks subordinate to and not equally with or prior to the outstanding subordinated indebtedness, in right of payment in the event of the insolvency or winding-up of the Bank and which, pursuant to the terms of the instrument evidencing or creating the same, is expressed to be subordinate in right of payment to all indebtedness to which the outstanding subordinated indebtedness is subordinate in right of payment to at least the same extent as the outstanding subordinated indebtedness is subordinate pursuant to the terms of the instrument evidencing or creating the same; and
- (iv) the subordinated debt securities, which will rank equally to the Bank’s outstanding subordinated indebtedness.

The subordination provisions of the subordinated debt indenture are governed by the laws of the Province of Ontario and the federal laws of Canada applicable therein.

Conversion or Exchange of Debt Securities

If and to the extent mentioned in the applicable supplements, any debt securities may be optionally or mandatorily convertible or exchangeable for other securities of the Bank or another entity or entities, into the cash value therefor or into any combination of the above. The specific terms on which any debt securities may be so converted or exchanged will be described in the applicable supplements. These terms may include provisions for conversion or exchange, either mandatory, at the holder’s option or at our option, in which case the amount or number of securities the holders of the debt securities would receive would be calculated at the time and manner described in the applicable supplements.

Non-Viability Contingent Capital Provisions

Under capital adequacy requirements adopted by the OSFI, in order to qualify as regulatory capital, subordinated debt securities issued after January 1, 2013 must include terms providing for the full and permanent

conversion of those subordinated debt securities into common shares upon the occurrence of certain trigger events relating to financial viability (“*Non-Viability Contingent Capital Provisions*”). The specific terms of any Non-Viability Contingent Capital Provisions for any subordinated debt securities that the Bank issues under this prospectus will be described in one or more supplements relating to those securities.

If subordinated debt securities issued under the subordinated debt securities indentures are converted into common shares in accordance with Non-Viability Contingent Capital Provisions, the rights, terms and conditions of such securities, including with respect to priority and rights on liquidation, will no longer be relevant (except under limited circumstances) as all such securities will have been converted on a full and permanent basis into common shares ranking on parity with all other outstanding common shares of the Bank.

The Non-Viability Contingent Capital Provisions of the subordinated debt indenture will be governed by the laws of the Province of Ontario and the federal laws of Canada applicable therein.

The Non-Viability Contingent Capital Provisions do not apply to senior debt securities offered under this prospectus.

Defeasance

The following discussion of full defeasance and covenant defeasance will be applicable to each series of debt securities that is denominated in U.S. dollars and has a fixed rate of interest and will apply to other series of debt securities if we so specify in the applicable supplements. Any defeasance or covenant defeasance with respect to bail-inable debt securities that would result in the Bank not meeting the TLAC requirements applicable to it pursuant to the TLAC Guideline (as defined under “— *Canadian Bank Resolution Powers*”) will be subject to the prior approval of the Superintendent.

Full Defeasance. If there is a change in U.S. federal income tax law, as described below, we can legally release ourselves from any payment or other obligations on the debt securities, called full defeasance, if we put in place the following other arrangements for holders to be repaid:

- We must deposit in trust for the benefit of all holders of the debt securities a combination of money and notes or bonds of the U.S. government or a U.S. government agency or U.S. government-sponsored entity (the obligations of which are backed by the full faith and credit of the U.S. government) that will generate enough cash to make interest, principal and any other payments on the debt securities on their various due dates.
- There must be a change in current U.S. federal income tax law or a ruling of the Internal Revenue Service (“*IRS*”) that lets us make the above deposit without causing the holders to be taxed on the debt securities any differently than if we did not make the deposit and just repaid the debt securities ourselves. (Under U.S. federal income tax law applicable as at the date of this Registration Statement, the deposit and our legal release from the obligations pursuant to the debt securities would be treated as though we took back your debt securities and gave you your share of the cash and notes or bonds deposited in trust. In that event, you could recognize gain or loss on the debt securities you give back to us.)
- We must deliver to the trustee a legal opinion of our counsel confirming the tax-law change described above and that the holders of the debt securities will not recognize income, gain or loss for U.S. federal income tax purposes as a result of such deposit, defeasance and discharge and will be subject to U.S. federal income tax on the same amounts and in the same manner and at the same times as would be the case if such deposit, defeasance and discharge had not occurred.
- In the case of the subordinated debt securities, the following requirement must also be met:
 - No event or condition may exist that, under the provisions described under “— *Subordination Provisions*” above, would prevent us from making payments of principal, premium or interest on

those subordinated debt securities on the date of the deposit referred to above or during the 90 days after that date.

If we ever did accomplish full defeasance, as described above, you would have to rely solely on the trust deposit for repayment on the debt securities. You could not look to us for repayment in the event of any shortfall.

Covenant Defeasance. Even without a change in current U.S. federal income tax law, we can make the same type of deposit as described above, and we will be released from the restrictive covenants under the debt securities that may be described in the applicable supplements. This is called covenant defeasance. In that event, you would lose the protection of these covenants but would gain the protection of having money and U.S. government or U.S. government agency notes or bonds set aside in trust to repay the debt securities. In order to achieve covenant defeasance, we must do the following:

- Deposit in trust for the benefit of all holders of the debt securities a combination of money and notes or bonds of the U.S. government or a government agency or U.S. government sponsored entity (the obligations of which are backed by the full faith and credit of the U.S. government) that will generate enough cash to make interest, principal and any other payments on the debt securities on their various due dates.
- Deliver to the trustee a legal opinion of our counsel confirming that the holders of the debt securities will not recognize income, gain or loss for U.S. federal income tax purposes as a result of such deposit and covenant defeasance and will be subject to U.S. federal income tax on the same amounts and in the same manner and at the same times as would be the case if such deposit and covenant defeasance had not occurred.

If we accomplish covenant defeasance, certain provisions of the indentures and the debt securities would no longer apply:

- Covenants applicable to the series of debt securities and described in the applicable supplements.
- Any events of default relating to breach of those covenants.

If we accomplish covenant defeasance, you can still look to us for repayment of the debt securities if there were a shortfall in the trust deposit. In fact, if one of the remaining events of default occurs (such as a bankruptcy) and the debt securities become immediately due and payable, there may be such a shortfall.

Events of Default

You will have special rights if an “*event of default*” occurs and is not cured, as described later in this subsection.

What is an Event of Default?

Under the senior debt indenture, for debt securities of a series issued on or after September 23, 2018 (whether bail-inable senior debt securities or senior debt securities that are not subject to bail-in conversion), “*event of default*” means any of the following:

- we default in the payment of the principal of, or interest on, any note of that series and, in each case, the default continues for a period of 30 business days;
- certain bankruptcy, insolvency or reorganization events occur; or
- any other event of default provided with respect to notes of that series.

An event of default regarding one series of senior debt securities will not cause an event of default regarding any other series of senior debt securities. For purposes of this section “— *Events of Default*” with respect to

senior debt securities issued on or after September 23, 2018, “series” refers to senior debt securities having identical terms, except as to issue date, principal amount and, if applicable, the date from which interest begins to accrue. A bail-in conversion will not constitute a default or an event of default under the senior debt indenture.

Notwithstanding the foregoing, if you purchase senior debt securities that are part of a series created before September 23, 2018, “*event of default*” means any of the following:

- We do not pay the principal of or any premium on a debt security within five days of its due date;
- We do not pay interest on a debt security for more than 30 days after its due date;
- We file for bankruptcy or certain other events of bankruptcy, insolvency or reorganization occur; or
- Any other event of default described in an applicable supplement occurs.

Under the subordinated debt indenture, the term “*event of default*” means any of the following:

- We file for bankruptcy or certain other events of bankruptcy, insolvency or reorganization occur; or
- Any other event of default described in an applicable supplement occurs.

A non-viability contingent capital conversion or a bail-in conversion will not constitute a default or an event of default under the subordinated debt indenture.

Remedies If an Event of Default Occurs. If an event of default occurs and is continuing, the trustee will have special duties and rights. In that situation, the trustee will be obligated to use certain of its rights and powers as set forth under the applicable indenture, and to use the same degree of care and skill in doing so, that a prudent person would use in that situation in conducting his or her own affairs. If an event of default has occurred and has not been cured, the trustee or the holders of at least 25% in principal amount of the debt securities of the affected series may declare the entire principal amount of (or, in the case of original issue discount securities, the portion of the principal amount that is specified in the terms of the affected debt security) and interest on all of the debt securities of that series to be due and immediately payable. This is called a declaration of acceleration of maturity. The declaration of acceleration of maturity is not, however, an automatic right upon the occurrence of an event of default, and for such acceleration to be effective, the trustee must take the aforementioned action or the holders must direct the trustee to act as described in this section below. Furthermore, a declaration of acceleration of maturity may be cancelled, but only before a judgment or decree based on the acceleration has been obtained, by the holders of at least a majority in principal amount of the debt securities of the affected series. If you are the holder of a subordinated debt security, the principal amount of the subordinated debt security will not be paid and may not be required to be paid at any time prior to the relevant maturity date, except in the event of our insolvency or winding-up. If any provisions of applicable U.S. or Canadian banking law prohibit the payment of any amounts due under the debt securities before a specified time, then the obligation to make such payment shall be subject to such prohibition.

Holders or beneficial owners of bail-inable debt securities may only exercise, or direct the exercise of, the rights described in this section if the Governor in Council (Canada) has not made an order under Canadian bank resolution powers pursuant to subsection 39.13(1) of the CDIC Act in respect of the Bank. Notwithstanding the exercise of those rights, bail-inable debt securities will continue to be subject to bail-in conversion until repaid in full.

You should read carefully the applicable supplements relating to any series of debt securities which are original issue discount securities for the particular provisions relating to acceleration of the maturity of a portion of the principal amount of original issue discount debt securities upon the occurrence of an event of default and its continuation.

Except in cases of default in which the trustee has the special duties described above, the trustee is not required to take any action under the indenture at the request of any holders unless the holders offer the trustee

reasonable protection from expenses and liability called an indemnity. If security or indemnity reasonably satisfactory to the Trustee is provided to the Trustee, the holders of a majority in principal amount of the outstanding debt securities of the relevant series may direct the time, method and place of conducting any lawsuit or other formal legal action seeking any remedy available to the trustee. These majority holders may also direct the trustee in performing any other action under the applicable indenture with respect to the debt securities of that series.

Before you bypass the trustee and bring your own lawsuit or other formal legal action or take other steps to enforce your rights or protect your interests relating to the debt securities the following must occur:

- the holder of the debt security must give the trustee written notice that a default has occurred and remains uncured;
- the holders of not less than 25% in principal amount of all outstanding debt securities of the relevant series must make a written request that the trustee take action because of the default;
- such holder or holders must offer reasonable indemnity to the trustee against the cost and other liabilities of taking that action;
- the trustee must have not taken action for 90 days after receipt of the above notice and offer of indemnity; and
- the trustee has not received any direction from a majority in principal amount of all outstanding securities that is inconsistent with such written request during such 90-day period.

However, you are entitled at any time to bring a lawsuit for the payment of money due on your debt security on or after its due date.

BOOK-ENTRY AND OTHER INDIRECT HOLDERS SHOULD CONSULT THEIR BANKS, BROKERS OR OTHER FINANCIAL INSTITUTIONS FOR INFORMATION ON HOW TO GIVE NOTICE OR DIRECTION TO OR MAKE A REQUEST OF THE TRUSTEE AND TO MAKE OR CANCEL A DECLARATION OF ACCELERATION.

We will give to the trustee every year a written statement of certain of our officers certifying that to their knowledge we are in compliance with the applicable indenture and the debt securities issued under it, or else specifying any default.

Form, Exchange and Transfer

Unless we specify otherwise in an applicable supplement, the debt securities will be issued:

- only in fully-registered form;
- without interest coupons; and
- in denominations that are even multiples of \$1,000.

If a debt security is issued as a registered global security, only the depositary — such as DTC, Euroclear and Clearstream, each as defined below under “— *Legal Ownership and Book-Entry Issuance*” — will be entitled to transfer and exchange the debt security as described in this subsection because the depositary will be the sole registered holder of the debt security and is referred to below as the “*holder*.” Those who own beneficial interests in a global security do so through participants in the depositary’s securities clearance system, and the rights of these indirect owners will be governed by the applicable procedures of the depositary and its participants. We describe book-entry procedures below under “— *Legal Ownership and Book-Entry Issuance*.”

Holders of debt securities issued in fully-registered form may have their debt securities broken into more debt securities of smaller denominations of not less than \$1,000, or combined into fewer debt securities of larger denominations, as long as the total principal amount is not changed. This is called an exchange.

Holders may exchange or register the transfer of debt securities at the office of the trustee. Debt securities may be transferred by endorsement. Holders may also replace lost, stolen or mutilated debt securities at that office. The trustee acts as our agent for registering debt securities in the names of holders and registering the transfer of debt securities. We may change this appointment to another entity or perform it ourselves. The entity performing the role of maintaining the list of registered holders is called the security registrar. It will also record transfers. The trustee may require an indemnity before replacing any debt securities.

Holders will not be required to pay a service charge to register the transfer or exchange of debt securities, but holders may be required to pay for any tax or other governmental charge associated with the exchange or transfer. The registration of a transfer or exchange will only be made if the security registrar is satisfied with your proof of ownership.

If we designate additional agents, they will be named in the applicable supplements. We may cancel the designation of any particular agent. We may also approve a change in the office through which any agent acts.

If the debt securities are redeemable and we redeem less than all of the debt securities of a particular series, we may block the registration of transfer or exchange of debt securities during the period beginning 15 days before the day we mail the notice of redemption and ending on the day of that mailing, in order to freeze the list of holders entitled to receive the mailing. We may also refuse to register transfers or exchanges of debt securities selected for redemption, except that we will continue to permit registration of transfers and exchanges of the unredeemed portion of any debt security being partially redeemed.

The Trustee

Unless otherwise provided in a prospectus supplement which names The Bank of New York Mellon as Series Trustee for certain senior debt securities being offered, Computershare Trust Company, N.A., as successor to Wells Fargo Bank, National Association serves as the trustee for our senior debt securities. Computershare Trust Company, N.A., as successor to Wells Fargo Bank, National Association also serves as the trustee for the subordinated debt securities.

Payment and Paying Agents

We will pay interest to the person listed in the trustee's records at the close of business on a particular day in advance of each due date for interest, even if that person no longer owns the debt security on the interest due date. That particular day, usually about two weeks in advance of the interest due date, is called the regular record date and will be stated in the applicable supplement. Holders buying and selling debt securities must work out between them how to compensate for the fact that we will pay all the interest for an interest period to the one who is the registered holder on the regular record date. The most common manner is to adjust the sale price of the debt securities to prorate interest fairly between buyer and seller. This prorated interest amount is called accrued interest.

We will pay interest, principal and any other money due on the debt securities at the corporate trust office of the trustee in The City of New York or such other office as may be agreed upon. As at the date of this prospectus, that office is located at 150 East 42nd Street, 40th Floor, New York, New York 10017. Holders must make arrangements to have their payments picked up at or wired from that office or such other office as may be agreed upon. We may also choose to pay interest by mailing checks.

BOOK-ENTRY AND OTHER INDIRECT HOLDERS SHOULD CONSULT THEIR BANKS, BROKERS OR OTHER FINANCIAL INSTITUTIONS FOR INFORMATION ON HOW THEY WILL RECEIVE PAYMENTS.

We may also arrange for additional payment offices and may cancel or change these offices, including our use of the trustee's corporate trust office. These offices are called paying agents. We may also choose to act as

our own paying agent or choose one of our subsidiaries to do so. We must notify holders of changes in the paying agents for any particular series of debt securities.

Notices

We and the trustee will send notices regarding the debt securities only to registered holders, using their addresses as listed in the trustee's records. With respect to who is a registered "holder" for this purpose, see "*Legal Ownership and Book-Entry Issuance.*"

Regardless of who acts as paying agent, all money paid by us to a paying agent that remains unclaimed at the end of two years after the amount is due to holders will be repaid to us. After that two-year period, holders may look to us for payment and not to the trustee or any other paying agent.

Canadian Bank Resolution Powers

General

Under Canadian bank resolution powers, the CDIC may, in circumstances where the Bank has ceased, or is about to cease, to be viable, assume temporary control or ownership of the Bank and may be granted broad powers by one or more orders of the Governor in Council (*Canada*), each of which we refer to as an "Order," including the power to sell or dispose of all or a part of the assets of the Bank, and the power to carry out or cause the Bank to carry out a transaction or a series of transactions the purpose of which is to restructure the business of the Bank. As part of the Canadian bank resolution powers, certain provisions of and regulations under the Bank Act, the CDIC Act and certain other Canadian federal statutes pertaining to banks, which we refer to collectively as the "*bail-in regime*," provide for a bank recapitalization regime for banks designated by the Superintendent as "domestic systemically important banks," or "D-SIBs," which include the Bank.

The expressed objectives of the bail-in regime include reducing government and taxpayer exposure in the unlikely event of a failure of a D-SIB, reducing the likelihood of such a failure by increasing market discipline and reinforcing that bank shareholders and creditors are responsible for the D-SIBs' risks and not taxpayers, and preserving financial stability by empowering the CDIC to quickly restore a failed D-SIB to viability and allow it to remain open and operating, even where the D-SIB has experienced severe losses.

Under the CDIC Act, in circumstances where the Superintendent is of the opinion that the Bank has ceased, or is about to cease, to be viable and viability cannot be restored or preserved by exercise of the Superintendent's powers under the Bank Act, the Superintendent, after providing the Bank with a reasonable opportunity to make representations, is required to provide a report to the Canada Deposit Insurance Corporation ("*CDIC*"). Following receipt of the Superintendent's report, CDIC may request the Minister of Finance for Canada (the "*Minister of Finance*") to recommend that the Governor in Council (*Canada*) make an Order and, if the Minister of Finance is of the opinion that it is in the public interest to do so, the Minister of Finance may recommend that the Governor in Council (*Canada*) make, and on that recommendation, the Governor in Council (*Canada*) may make, one or more of the following Orders:

- vesting in CDIC, the shares and subordinated debt of the Bank specified in the Order, which we refer to as a "*vesting order*";
- appointing CDIC as receiver in respect of the Bank, which we refer to as a "*receivership order*";
- if a receivership order has been made, directing the Minister of Finance to incorporate a federal institution designated in the Order as a bridge institution wholly owned by CDIC and specifying the date and time as of which the Bank's deposit liabilities are assumed, which we refer to as a "*bridge bank order*"; or
- if a vesting order or receivership order has been made, directing CDIC to carry out a conversion, by converting or causing the Bank to convert, in whole or in part — by means of a transaction or series of

transactions and in one or more steps — the shares and liabilities of the Bank that are subject to the bail-in regime into common shares of the Bank or any of its affiliates, which we refer to as a “conversion order.”

Following a vesting order or receivership order, CDIC will assume temporary control or ownership of the Bank and will be granted broad powers under that Order, including the power to sell or dispose of all or a part of the assets of the Bank, and the power to carry out or cause the Bank to carry out a transaction or a series of transactions the purpose of which is to restructure the business of the Bank.

Under a bridge bank order, CDIC has the power to transfer the Bank’s insured deposit liabilities and certain assets and other liabilities of the Bank to a bridge institution. Upon the exercise of that power, any assets and liabilities of the Bank that are not transferred to the bridge institution would remain with the Bank, which would then be wound up. In such a scenario, any liabilities of the Bank, including any outstanding debt securities (whether or not such debt securities are bail-inable debt securities), that are not assumed by the bridge institution could receive only partial or no repayment in the ensuing wind-up of the Bank.

Upon the making of a conversion order, prescribed shares and liabilities under the bail-in regime that are subject to that conversion order will, to the extent converted, be converted into common shares of the Bank or any of its affiliates, as determined by CDIC. Subject to certain exceptions discussed below, senior debt issued on or after September 23, 2018, with an initial or amended term to maturity (including explicit or embedded options) greater than 400 days, that is unsecured or partially secured and that has been assigned a CUSIP or ISIN or similar identification number are subject to a bail-in conversion. Shares, other than common shares, and subordinated debt of the Bank are also subject to a bail-in conversion, unless they are non-viability contingent capital.

Shares and liabilities which would otherwise be bail-inable but were issued before September 23, 2018 are not subject to a bail-in conversion unless, in the case of any such liability, including any debt securities, the terms of that liability are amended to increase the principal amount or to extend the term to maturity on or after September 23, 2018, and that liability, as amended, meets the requirements to be subject to a bail-in conversion. Covered bonds, certain derivatives and certain structured notes (as such term is used under the bail-in regime) are expressly excluded from a bail-in conversion. To the extent that any debt securities constitute structured notes (as such term is used under the bail-in regime) they will not be bail-inable debt securities. As a result, claims of some creditors whose claims would otherwise rank equally with those of the holders holding bail-inable debt securities would be excluded from a bail-in conversion and thus the holders and beneficial owners of bail-inable debt securities will have to absorb losses ahead of these other creditors as a result of the bail-in conversion. The terms and conditions of the bail-in conversion will be determined by CDIC in accordance with and subject to certain requirements discussed below.

Bail-in Conversion

Under the bail-in regime there is no fixed and pre-determined contractual conversion ratio for the conversion of the bail-inable debt securities, or other shares or liabilities of the Bank that are subject to a bail-in conversion, into common shares of the Bank or any of its affiliates nor are there specific requirements regarding whether liabilities subject to a bail-in conversion are converted into common shares of the Bank or any of its affiliates. CDIC determines the timing of the bail-in conversion, the portion of bail-inable shares and liabilities to be converted and the terms and conditions of the conversion, subject to parameters set out in the bail-in regime. Those parameters include that:

- in carrying out a bail-in conversion, CDIC must take into consideration the requirement in the Bank Act for banks to maintain adequate capital;
- CDIC must use its best efforts to ensure that shares and liabilities subject to a bail-in conversion are only converted after all subordinate ranking shares and liabilities that are subject to a bail-in conversion

and any subordinate non-viability contingent capital instruments have been previously converted or are converted at the same time;

- CDIC must use its best efforts to ensure that the converted part of the liquidation entitlement of a share subject to a bail-in conversion, or the converted part of the principal amount and accrued and unpaid interest of a liability subject to a bail-in conversion, is converted on a pro rata basis for all shares or liabilities subject to a bail-in conversion of equal rank that are converted during the same restructuring period;
- holders of shares and liabilities that are subject to a bail-in conversion must receive a greater number of common shares per dollar of the converted part of the liquidation entitlement of their shares, or the converted part of the principal amount and accrued and unpaid interest of their liabilities, than holders of any subordinate shares or liabilities subject to a bail-in conversion that are converted during the same restructuring period or of any subordinate non-viability contingent capital that is converted during the same restructuring period;
- holders of shares or liabilities subject to a bail-in conversion of equal rank that are converted during the same restructuring period must receive the same number of common shares per dollar of the converted part of the liquidation entitlement of their shares or the converted part of the principal amount and accrued and unpaid interest of their liabilities; and
- holders of shares or liabilities subject to a bail-in conversion must receive, if any non-viability contingent capital of equal rank to the shares or liabilities is converted during the same restructuring period, a number of common shares per dollar of the converted part of the liquidation entitlement of their shares, or the converted part of the principal amount and accrued and unpaid interest of their liabilities, that is equal to the largest number of common shares received by any holder of the non-viability contingent capital per dollar of that capital.

Compensation Regime

The CDIC Act provides for a compensation process for holders of bail-inable debt securities who immediately prior to the making of an Order, directly or through an intermediary, own bail-inable debt securities that are converted in a bail-in conversion. While this process applies to successors of those holders it does not apply to assignees or transferees of the holder following the making of the Order and does not apply if the amounts owing under the relevant bail-inable debt securities are paid in full.

Under the compensation process, the compensation to which such holders are entitled is the difference, to the extent it is positive, between the estimated liquidation value and the estimated resolution value of the relevant bail-inable debt securities. The liquidation value is the estimated value the bail-inable holders would have received if an order under the *Winding-up and Restructuring Act* (Canada) had been made in respect of the Bank, as if no Order had been made and without taking into consideration any assistance, financial or otherwise, that is or may be provided to the Bank, directly or indirectly, by CDIC, the Bank of Canada, the Government of Canada or a province of Canada, after any order to wind up the Bank has been made.

The resolution value in respect of relevant bail-inable debt securities is the aggregate estimated value of the following: (a) the relevant bail-inable debt securities, if they are not held by CDIC and they are not converted, after the making of an Order, into common shares under a bail-in conversion; (b) common shares that are the result of a bail-in conversion after the making of an Order; (c) any dividend or interest payments made, after the making of the Order, with respect to the relevant bail-inable debt securities to any person other than CDIC; and (d) any other cash, securities or other rights or interests that are received or to be received with respect to the relevant bail-inable debt securities as a direct or indirect result of the making of the Order and any actions taken in furtherance of the Order, including from CDIC, the Bank, the liquidator of the Bank, if the Bank is wound up, the liquidator of a CDIC subsidiary incorporated or acquired by order of the Governor in Council (Canada) for the purposes of facilitating the acquisition, management or disposal of real property or other assets of the Bank

that CDIC may acquire as the result of its operations that is liquidated or the liquidator of a bridge institution if the bridge institution is wound up.

In connection with the compensation process, CDIC is required to estimate the liquidation value and the resolution value in respect of the portion of converted bail-inable debt securities and is required to consider the difference between the estimated day on which the liquidation value would be received and the estimated day on which the resolution value is, or would be, received.

CDIC must, within a reasonable period following a bail-in conversion, make an offer of compensation by notice to the relevant holders that held bail-inable debt securities equal to, or in value estimated to be equal to, the amount of compensation to which such holders are entitled or provide a notice stating that such holders are not entitled to any compensation. In either case, such offer or notice is required to include certain prescribed information, including important information regarding the rights of such holders to seek to object and have the compensation to which they are entitled determined by an assessor (a Canadian Federal Court judge) where holders of liabilities representing at least 10% of the principal amount and accrued and unpaid interest of the liabilities of the same class object to the offer or absence of compensation. The period for objecting is limited (45 days following the day on which a summary of the notice is published in the *Canada Gazette*) and failure by holders holding a sufficient principal amount plus accrued and unpaid interest of affected bail-inable debt securities to object within the prescribed period will result in the loss of any ability to object to the offered compensation or absence of compensation, as applicable. CDIC will pay the relevant holders the offered compensation within 135 days after the date on which a summary of the notice is published in the *Canada Gazette* if the offer of compensation is accepted, the holder does not notify CDIC of acceptance or objection to the offer or if the holder objects to the offer but the 10% threshold described above is not met within the aforementioned 45-day period.

Where an assessor is appointed, the assessor could determine a different amount of compensation payable, which could either be higher or lower than the original amount. The assessor is required to provide holders, whose compensation it determines, notice of its determination. The assessor's determination is final and there are no further opportunities for review or appeal. CDIC will pay the relevant holders the compensation amount determined by the assessor within 90 days of the assessor's notice.

By its acquisition of an interest in any bail-inable debt securities, each holder or beneficial owner of that debt security is deemed to be bound by a bail-in conversion and so will have no further rights in respect of its bail-inable notes to the extent those bail-inable notes are converted in a bail-in conversion, other than those provided under the bail-in regime.

A similar compensation process to the one set out above applies, in certain circumstances, where as a result of CDIC's exercise of bank resolution powers, notes are assigned to an entity which is then wound-up.

TLAC Guidelines

In connection with the bail-in regime, the OSFI guideline (the "*TLAC Guideline*") on Total Loss Absorbing Capacity ("*TLAC*") applies to and establishes standards for D-SIBs, including the Bank. Under the TLAC Guideline, the Bank is required to maintain a minimum capacity to absorb losses composed of unsecured external long-term debt that meets the prescribed criteria or regulatory capital instruments to support recapitalization in the event of a failure. Bail-inable debt securities and regulatory capital instruments that meet the prescribed criteria will constitute TLAC of the Bank.

In order to comply with the TLAC Guideline, our indenture provides for terms and conditions for the bail-inable debt securities necessary to meet the prescribed criteria and qualify at their issuance as TLAC instruments of the Bank under the TLAC Guideline. Those criteria include the following:

- the Bank cannot directly or indirectly have provided financing to any person for the express purpose of investing in the bail-inable debt securities;

- the bail-inable debt security is not subject to set-off or netting rights;
- the bail-inable debt security must not provide rights to accelerate repayment of principal or interest payments outside of bankruptcy, insolvency, wind-up or liquidation, except that events of default relating to the non-payment of scheduled principal and/or interest payments will be permitted where they are subject to a cure period of no less than 30 business days and clearly disclose to investors that: (i) acceleration is only permitted where an Order has not been made in respect of the Bank; and (ii) notwithstanding any acceleration, the instrument continues to be subject to a bail-in conversion prior to its repayment;
- the bail-inable debt security may be redeemed or purchased for cancellation only at the initiative of the Bank and, where the redemption or purchase would lead to a breach of the Bank’s minimum TLAC requirements, that redemption or purchase would be subject to the prior approval of the Superintendent;
- the bail-inable debt security does not have credit-sensitive dividend or coupon features that are reset periodically based in whole or in part on the Bank’s credit standing; and
- where an amendment or variance of the bail-inable debt security’s terms and conditions would affect its recognition as TLAC, that amendment or variance will only be permitted with the prior approval of the Superintendent.

Legal Ownership and Book-Entry Issuance

In this section, we describe special considerations that will apply to registered debt securities issued in global *i.e.*, book-entry, form. First we describe the difference between registered ownership and indirect ownership of registered securities. Then we describe special provisions that apply to global securities.

Who is the Legal Owner of a Registered Debt Security?

Each debt security will be represented either by a certificate issued in definitive form to a particular investor or by one or more global securities representing debt securities. We refer to those who have debt securities registered in their own names, on the books that we or the trustee maintain for this purpose, as the “*registered holders*” of those debt securities. Subject to limited exceptions, we and the trustee are entitled to treat the registered holder of a debt security as the person exclusively entitled to vote, to receive notices, to receive any interest or other payment in respect of the debt security and to exercise all the rights and power as an owner of the debt security. We refer to those who own beneficial interests in debt securities that are not registered in their own names as indirect owners of those debt securities. As we discuss below, indirect owners are not registered holders, and investors in debt securities issued in book-entry form or in street name will be indirect owners.

Book-Entry Owners. Unless otherwise noted in an applicable supplement, we will issue each debt security in book-entry form only. This means that debt securities will be represented by one or more global securities registered in the name of a financial institution that holds them as depositary on behalf of other financial institutions that participate in the depositary’s book-entry system. These participating institutions, in turn, hold beneficial interests in the debt securities on behalf of themselves or their customers.

Under each indenture (and the Bank Act in the case of subordinated indebtedness), subject to limited exceptions and applicable law, only the person in whose name a debt security is registered is recognized as the holder of that debt security. Consequently, for debt securities issued in global form, we will recognize only the depositary as the holder of the debt securities and we will make all payments on the debt securities, including deliveries of any property other than cash, to the depositary. The depositary passes along the payments it receives to its participants, which in turn pass the payments along to their customers who are the beneficial owners. The depositary and its participants do so under agreements they have made with one another or with their customers; they are not obligated to do so under the terms of the debt securities.

As a result, investors will not own debt securities directly. Instead, they will own beneficial interests in a global security, through a bank, broker or other financial institution that participates in the depository's book-entry system or holds an interest through a participant. As long as the debt securities are issued in global form, investors will be indirect owners, and not registered holders, of the debt securities.

Street Name Owners. We may terminate an existing global security or issue debt securities initially in non-global form. In these cases, investors may choose to hold their debt securities in their own names or in street name. Debt securities held by an investor in street name would be registered in the name of a bank, broker or other financial institution that the investor chooses, and the investor would hold only a beneficial interest in those debt securities through an account he or she maintains at that institution.

For debt securities held in street name, we will, subject to limited exceptions and applicable law, recognize only the intermediary banks, brokers and other financial institutions in whose names the debt securities are registered as the holders of those debt securities, and we will make all payments on those debt securities, including deliveries of any property other than cash, to them. These institutions pass along the payments they receive to their customers who are the beneficial owners, but only because they agree to do so in their customer agreements or because they are legally required to do so. Investors who hold debt securities in street name will be indirect owners, not registered holders, of those debt securities.

Registered Holders. Subject to limited exceptions, our obligations, as well as the obligations of the trustee under any indenture and the obligations, if any, of any other third parties employed by us, run only to the registered holders of the debt securities. We do not have obligations to investors who hold beneficial interests in global securities, in street name or by any other indirect means. This will be the case whether an investor chooses to be an indirect owner of a debt security or has no choice because we are issuing the debt securities only in global form.

For example, once we make a payment or give a notice to the registered holder, we have no further responsibility for that payment or notice even if that holder is required, under agreements with depository participants or customers or by law, to pass it along to the indirect owners but does not do so. Similarly, if we want to obtain the approval of the holders for any purpose — for example, to amend the indenture for a series of debt securities or to relieve us of the consequences of a default or of our obligation to comply with a particular provision of an indenture — we would seek the approval only from the registered holders, and not the indirect owners, of the relevant debt securities. Whether and how the registered holders contact the indirect owners is up to the registered holders.

When we refer to “you” in this prospectus, we mean all purchasers of the debt securities being offered by this prospectus and the applicable supplements, whether they are the registered holders or only indirect owners of those debt securities. When we refer to “your debt securities” in this prospectus, we mean the debt securities in which you will hold a direct or indirect interest.

Special Considerations for Indirect Owners. If you hold debt securities through a bank, broker or other financial institution, either in book-entry form or in street name, you should check with your own institution to find out:

- how it handles debt securities payments and notices;
- whether it imposes fees or charges;
- how it would handle a request for the holders' consent, if ever required;
- how it would exercise rights under the debt securities if there were a default or other event triggering the need for holders to act to protect their interests; and
- if the debt securities are in book-entry form, how the depository's rules and procedures will affect these matters.

What is a Global Security?

Unless otherwise noted in the applicable supplement, we will issue each debt security in book-entry form only. Each debt security issued in book-entry form will be represented by a global security that we deposit with and register in the name of one or more financial institutions or clearing systems, or their nominees, which we select. A financial institution or clearing system that we select for any debt security for this purpose is called the “*depository*” for that debt security. A debt security will usually have only one depository but it may have more. Each series of debt securities will have one or more of the following as the depositaries:

- The Depository Trust Company, New York, New York, which is known as “*DTC*”;
- Euroclear Bank S.A./N.V., as operator of the Euroclear System, which is known as “*Euroclear*”;
- Clearstream Banking, société anonyme, which is known as “*Clearstream*”; and
- any other clearing system or financial institution named in the applicable supplements.

The depositaries named above may also be participants in one another’s systems. Thus, for example, if DTC is the depository for a global security, investors may hold beneficial interests in that debt security through Euroclear or Clearstream, as DTC participants. The depository or depositaries for your debt securities will be named in the applicable supplements; if none is named, the depository will be DTC.

A global security may represent one or any other number of individual debt securities. Generally, all debt securities represented by the same global security will have the same terms. We may, however, issue a global security that represents multiple securities of the same kind, such as debt securities, that have different terms and are issued at different times. We call this kind of global security a master global security. The applicable supplements will not indicate whether your debt securities are represented by a master global security.

A global security may not be transferred to or registered in the name of anyone other than the depository or its nominee, unless special termination situations arise. We describe those situations below under “— *Holder’s Option to Obtain a Non-Global Security; Special Situations When a Global Security Will Be Terminated.*” As a result of these arrangements, the depository, or its nominee, will be the sole registered owner and holder of all debt securities represented by a global security, and investors will be permitted to own only indirect interests in a global security. Indirect interests must be held by means of an account with a broker, bank or other financial institution that in turn has an account with the depository or with another institution that does. Thus, an investor whose debt security is represented by a global security will not be a holder of the debt security, but only an indirect owner of an interest in the global security.

If an applicable supplement for a particular debt security indicates that the debt security will be issued in global form only, then the debt security will be represented by a global security at all times unless and until the global security is terminated. We describe the situations in which this can occur below under “— *Holder’s Option to Obtain a Non-Global Security; Special Situations When a Global Security Will Be Terminated.*” If termination occurs, we may issue the debt securities through another book-entry clearing system or decide that the debt securities may no longer be held through any book-entry clearing system.

Special Considerations for Global Securities. As an indirect owner, an investor’s rights relating to a global security will be governed by the account rules of the depository and those of the investor’s bank, broker, financial institution or other intermediary through which it holds its interest (such as Euroclear or Clearstream, if DTC is the depository), as well as general laws relating to debt securities transfers. We do not recognize this type of investor or any intermediary as a holder of debt securities and instead deal only with the depository that holds the global security.

If debt securities are issued only in the form of a global security, an investor should be aware of the following:

- an investor cannot cause the debt securities to be registered in his or her own name, and cannot obtain non-global certificates for his or her interest in the debt securities, except in the special situations we describe below;
- an investor will be an indirect holder and must look to his or her own bank, broker or other financial institution for payments on the debt securities and protection of his or her legal rights relating to the debt securities, as we describe above under “ — *Who Is the Legal Owner of a Registered Debt Security?*”;
- an investor may not be able to sell interests in the debt securities to some insurance companies and other institutions that are required by law to own their debt securities in non-book-entry form;
- an investor may not be able to pledge his or her interest in a global security in circumstances in which certificates representing the debt securities must be delivered to the lender or other beneficiary of the pledge in order for the pledge to be effective;
- the depositary’s policies will govern payments, deliveries, transfers, exchanges, notices and other matters relating to an investor’s interest in a global security, and those policies may change from time to time. We and the trustee will have no responsibility for any aspect of the depositary’s policies, actions or records of ownership interests in a global security. We and the trustee also do not supervise the depositary in any way;
- the depositary may require that those who purchase and sell interests in a global security within its book-entry system use immediately available funds and your bank, broker or other financial institution may require you to do so as well; and
- financial institutions that participate in the depositary’s book-entry system and through which an investor holds its interest in the global securities, directly or indirectly, may also have their own policies affecting payments, deliveries, transfers, exchanges, notices and other matters relating to the debt securities, and those policies may change from time to time. For example, if you hold an interest in a global security through Euroclear or Clearstream, when DTC is the depositary, Euroclear or Clearstream, as applicable, may require those who purchase and sell interests in that debt security through them to use immediately available funds and comply with other policies and procedures, including deadlines for giving instructions as to transactions that are to be effected on a particular day. There may be more than one financial intermediary in the chain of ownership for an investor. We do not monitor and are not responsible for the policies or actions or records of ownership interests of any of those intermediaries.

Holder’s Option to Obtain a Non-Global Security; Special Situations When a Global Security Will Be Terminated. If we issue any series of debt securities in book-entry form but we choose to give the beneficial owners of that series the right to obtain non-global securities, any beneficial owner entitled to obtain non-global securities may do so by following the applicable procedures of the depositary, any transfer agent or registrar for that series and that owner’s bank, broker or other financial institution through which that owner holds its beneficial interest in the debt securities. If you are entitled to request a non-global certificate and wish to do so, you will need to allow sufficient lead time to enable us or our agent to prepare the requested certificate.

In addition, in a few special situations described below, a global security will be terminated and interests in it will be exchanged for certificates in non-global form representing the debt securities it represented. After that exchange, the choice of whether to hold the debt securities directly or in street name will be up to the investor. Investors must consult their own banks, brokers or other financial institutions, to find out how to have their interests in a global security transferred on termination to their own names, so that they will be holders. We have described the rights of holders and street name investors above under “— *Who Is the Legal Owner of a Registered Debt Security?*”

The special situations for termination of a global security are as follows:

- if the depository notifies us that it is unwilling, unable or no longer qualified to continue as depository for that global security and we do not appoint another institution to act as depository within 60 days;
- if we notify the trustee that we wish to terminate that global security; or
- if an event of default has occurred with regard to these debt securities and has not been cured or waived.

If a global security is terminated, only the depository, and neither we nor the trustee for any debt securities is responsible for deciding the names of the institutions in whose names the debt securities represented by the global security will be registered and, therefore, who will be the registered holders of those debt securities.

Considerations Relating to DTC

DTC has informed us that it is a limited-purpose trust company organized under the New York Banking Law, a “*banking organization*” within the meaning of the New York Banking Law, a member of the Federal Reserve System, a “*clearing corporation*” within the meaning of the New York Uniform Commercial Code, and a “*clearing agency*” registered pursuant to the provisions of Section 17A of the Exchange Act. DTC holds debt securities that DTC participants deposit with DTC. DTC also facilitates the settlement among DTC participants of securities transactions, such as transfers and pledges, in deposited debt securities through electronic computerized book-entry changes in DTC participants’ accounts, thereby eliminating the need for physical movement of certificates. DTC participants include securities brokers and dealers, banks, trust companies and clearing corporations, and may include other organizations. DTC is a wholly owned subsidiary of the Depository Trust & Clearing Corporation, which in turn is owned by a number of participants of DTC and members of the National Securities Clearing Corporation and Emerging Markets Clearing Corporation, as well as by the New York Stock Exchange, Inc. and the Financial Industry Regulatory Authority. Indirect access to the DTC system also is available to others such as banks, brokers, dealers and trust companies that clear through or maintain a custodial relationship with a participant, either directly or indirectly. The rules applicable to DTC and DTC participants are on file with the SEC.

Purchases of debt securities within the DTC system must be made by or through DTC participants, who will receive a credit for the debt securities on DTC’s records. Transfers of ownership interests in the debt securities are to be accomplished by entries made on the books of participants acting on behalf of beneficial owners.

Redemption notices will be sent to DTC’s nominee, Cede & Co., as the registered holder of the debt securities. If less than all of the debt securities are being redeemed, DTC will determine the amount of the interest of each direct participant to be redeemed in accordance with its then-current procedures.

In instances in which a vote is required, neither DTC nor Cede & Co. will itself consent or vote with respect to the debt securities. Under its usual procedures, DTC would mail an omnibus proxy to the relevant trustee as soon as possible after the record date. The omnibus proxy assigns Cede & Co.’s consenting or voting rights to those direct participants to whose accounts such debt securities are credited on the record date (identified in a listing attached to the omnibus proxy).

Distribution payments on the debt securities will be made by the relevant trustee to DTC. DTC’s usual practice is to credit direct participants’ accounts on the relevant payment date in accordance with their respective holdings shown on DTC’s records unless DTC has reason to believe that it will not receive payments on such payment date. Payments by participants to beneficial owners will be governed by standing instructions and customary practices and will be the responsibility of such participants and not of DTC, the relevant trustee or us, subject to any statutory or regulatory requirements as may be in effect from time to time. Payment of distributions to DTC is the responsibility of the relevant trustee, and disbursements of such payments to the beneficial owners are the responsibility of direct and indirect participants.

The information in this section concerning DTC and DTC's book-entry system has been obtained from sources that we believe to be accurate, but we assume no responsibility for the accuracy thereof. We do not have any responsibility for the performance by DTC or its participants of their respective obligations as described herein or under the rules and procedures governing their respective operations.

Considerations Relating to Clearstream and Euroclear

Clearstream and Euroclear are securities clearance systems in Europe. Clearstream and Euroclear have respectively informed us that Clearstream and Euroclear each hold securities for their customers and facilitate the clearance and settlement of securities transactions by electronic book-entry transfer between their respective account holders. Clearstream and Euroclear provide various services including safekeeping, administration, clearance and settlement of internationally traded securities and securities lending and borrowing. Clearstream and Euroclear also deal with domestic securities markets in several countries through established depository and custodial relationships. Clearstream and Euroclear have established an electronic bridge between their two systems across which their respective participants may settle trades with each other. Clearstream and Euroclear customers are world-wide financial institutions including underwriters, securities brokers and dealers, banks, trust companies and clearing corporations. Indirect access to Clearstream and Euroclear is available to other institutions that clear through or maintain a custodial relationship with an account holder of either system.

Euroclear and Clearstream may be depositories for a global security. In addition, if DTC is the depository for a global security, Euroclear and Clearstream may hold interests in the global security as participants in DTC.

As long as any global security is held by Euroclear or Clearstream, as depository, you may hold an interest in the global security only through an organization that participates, directly or indirectly, in Euroclear or Clearstream. If Euroclear or Clearstream is the depository for a global security and there is no depository in the United States, you will not be able to hold interests in that global security through any securities clearance system in the United States.

Payments, deliveries, transfers, exchanges, notices and other matters relating to the debt securities made through Euroclear or Clearstream must comply with the rules and procedures of those systems. Those systems could change their rules and procedures at any time. We have no control over those systems or their participants and we take no responsibility for their activities. Transactions between participants in Euroclear or Clearstream, on the one hand, and participants in DTC, on the other hand, when DTC is the depository, would also be subject to DTC's rules and procedures.

Special Timing Considerations Relating to Transactions in Euroclear and Clearstream. Investors will be able to make and receive through Euroclear and Clearstream payments, deliveries, transfers, exchanges, notices and other transactions involving any debt securities held through those systems only on days when those systems are open for business. Those systems may not be open for business on days when banks, brokers and other financial institutions are open for business in the United States.

In addition, because of time-zone differences, U.S. investors who hold their interests in the debt securities through these systems and wish to transfer their interests, or to receive or make a payment or delivery or exercise any other right with respect to their interests, on a particular day may find that the transaction will not be effected until the next business day in Luxembourg or Brussels, as applicable. Thus, investors who wish to exercise rights that expire on a particular day may need to act before the expiration date. In addition, investors who hold their interests through both DTC and Euroclear or Clearstream may need to make special arrangements to finance any purchases or sales of their interests between the U.S. and European clearing systems, and those transactions may settle later than would be the case for transactions within one clearing system.

UNITED STATES FEDERAL INCOME TAXATION

This section describes the material United States federal income tax consequences to a United States holder (as defined below) of owning the securities we are offering. It is the opinion of Sullivan & Cromwell LLP, counsel to the Bank. It applies to you only if you hold your securities as capital assets for United States federal income tax purposes. This section addresses only United States federal income taxation and does not discuss all of the tax consequences that may be relevant to you in light of your individual circumstances, including foreign, state or local tax consequences, and tax consequences arising under the Medicare contribution tax on net investment income or the alternative minimum tax. This section does not apply to you if you are a member of a class of holders subject to special rules, such as:

- a dealer in securities or currencies,
- a trader in securities that elects to use a mark-to-market method of accounting for your securities holdings,
- a bank,
- a life insurance company,
- a tax-exempt organization,
- a person that actually or constructively owns 10% or more of the combined voting power of our voting stock or of the total value of our stock,
- a person that owns notes that are a hedge or that are hedged against interest rate or currency risks,
- a person that holds securities as part of a straddle or conversion transaction for tax purposes,
- a person that purchases or sells securities as part of a wash sale for tax purposes, or
- a person whose functional currency for tax purposes is not the U.S. dollar.

This section is based on the Internal Revenue Code of 1986, as amended (the “Code”), its legislative history, existing and proposed regulations under the Code, published rulings and court decisions, all as currently in effect, as well as on the U.S. — Canada Income Tax Convention (the “Treaty”). These laws are subject to change, possibly on a retroactive basis.

If an entity or arrangement that is treated as a partnership for United States federal income tax purposes holds the securities, the United States federal income tax treatment of a partner will generally depend on the status of the partner and the tax treatment of the partnership. A partner in a partnership holding the securities should consult its tax advisor with regard to the United States federal income tax treatment of an investment in the securities.

Please consult your own tax advisor concerning the consequences of owning these securities in your particular circumstances under the Code and the laws of any other taxing jurisdiction.

You are a United States holder if you are a beneficial owner of a security and you are, for United States federal income tax purposes:

- a citizen or resident of the United States,
- a domestic corporation, or other entity taxable as a corporation for United States federal income tax purposes, created or organized in or under the laws of the United States or of any subdivision thereof,
- an estate whose income is subject to United States federal income tax regardless of its source, or
- a trust if a United States court can exercise primary supervision over the trust’s administration and one or more United States persons are authorized to control all substantial decisions of the trust.

Tax Consequences to Holders of Our Common Shares

This subsection discusses tax consequences relevant to the purchase, ownership and disposition of our common shares. United States federal income tax consequences relevant to preferred shares are not described in this prospectus and will be discussed in an applicable supplement.

The tax treatment of your shares will depend in part on whether or not we are classified as a passive foreign investment company, or PFIC, for United States federal income tax purposes. Except as discussed below under “— PFIC Rules,” this discussion assumes that we are not classified as a PFIC for United States federal income tax purposes.

Taxation of Distributions

Under the United States federal income tax laws, the gross amount of any distribution we pay out of our current or accumulated earnings and profits (as determined for United States federal income tax purposes), other than certain pro-rata distributions of our shares, will be treated as a dividend that is subject to United States federal income taxation. If you are a noncorporate United States holder, dividends that constitute qualified dividend income will be taxable to you at the preferential rates applicable to long-term capital gains provided that you hold the shares for more than 60 days during the 121-day period beginning 60 days before the ex-dividend date and meet other holding period requirements. Dividends we pay with respect to the shares generally will be qualified dividend income if, in the year that you receive the dividend, either the shares are readily tradable on an established securities market in the United States or we are eligible for the benefits of the Treaty. Our shares are listed on the New York Stock Exchange and we believe that we are currently eligible for the benefits of the Treaty. We therefore expect that dividends on the shares will be qualified dividend income.

You must include any Canadian tax withheld from the dividend payment in this gross amount even though you do not in fact receive it. The dividend is taxable to you when you receive the dividend, actually or constructively. The dividend will not be eligible for the dividends-received deduction generally allowed to United States corporations in respect of dividends received from other United States corporations. Distributions in excess of current and accumulated earnings and profits, as determined for United States federal income tax purposes, will be treated as a non-taxable return of capital to the extent of your basis in the shares and thereafter as capital gain.

Subject to certain limitations, the Canadian tax withheld in accordance with the Treaty and paid over to Canada will be creditable or deductible against your United States federal income tax liability. Special rules apply in determining the foreign tax credit limitation with respect to dividends that are subject to the preferential tax rates. To the extent a refund of the tax withheld or a reduction of the applicable withholding rate is available to you under Canadian law or under the Treaty, the amount of tax withheld that is refundable or that could have been reduced will not be eligible for credit against your United States federal income tax liability.

Dividends will generally be income from sources outside the United States and will generally be “passive” income for purposes of computing the foreign tax credit allowable to you. Sale or Exchange of Common Shares

Subject to the PFIC rules described below, if you are a United States holder and you sell or otherwise dispose of your common shares, you will recognize capital gain or loss for United States federal income tax purposes equal to the difference between the U.S. dollar value of the amount that you realize and your tax basis, determined in U.S. dollars, in your common shares. Capital gain of a noncorporate United States holder is generally taxed at preferential rates where the property is held for more than one year. The deductibility of capital losses is subject to limitations. The gain or loss will generally be income or loss from sources within the United States for foreign tax credit limitation purposes.

PFIC Rules

We believe that common shares should not currently be treated as stock of a PFIC for United States federal income tax purposes and we do not expect to become a PFIC in the foreseeable future. However, this conclusion is a factual determination that is made annually and thus may be subject to change. It is therefore possible that we could become a PFIC in a future taxable year. Any subsequent determinations that we make with respect to our PFIC status will be discussed in an applicable supplement.

In general, if you are a United States holder, we will be a PFIC with respect to you if for any taxable year in which you held our common shares:

- at least 75% of our gross income for the taxable year is passive income or
- at least 50% of the value, determined on the basis of a quarterly average, of our assets is attributable to assets that produce or are held for the production of passive income.

Passive income generally includes dividends, interest, royalties, rents (other than certain rents and royalties derived in the active conduct of a trade or business), annuities and gains from assets that produce passive income. If a foreign corporation owns at least 25% by value of the stock of another corporation, the foreign corporation is treated for purposes of the PFIC tests as owning its proportionate share of the assets of the other corporation, and as receiving directly its proportionate share of the other corporation's income. For this purpose, income derived in the active conduct of our banking business should not be treated as passive income.

If we are treated as a PFIC, and you are a United States holder that did not make a mark-to-market election, as described below, you will generally be subject to special rules with respect to:

- any gain you realize on the sale or other disposition of your shares and
- any excess distribution that we make to you (generally, any distributions to you during a single taxable year, other than the taxable year in which your holding period in the shares begins, that are greater than 125% of the average annual distributions received by you in respect of the shares during the three preceding taxable years or, if shorter, your holding period for the shares that preceded the taxable year in which you receive the distribution).

Under these rules:

- the gain or excess distribution will be allocated ratably over your holding period for the shares,
- the amount allocated to the taxable year in which you realized the gain or excess distribution or to prior years before the first year in which we were a PFIC with respect to you will be taxed as ordinary income,
- the amount allocated to each other prior year will be taxed at the highest tax rate in effect for that year, and
- the interest charge generally applicable to underpayments of tax will be imposed in respect of the tax attributable to each such year.

Special rules apply for calculating the amount of the foreign tax credit with respect to excess distributions by a PFIC.

If we are a PFIC in a taxable year and our shares are treated as "marketable stock" in such year, you may make a mark-to-market election with respect to your shares. If you make this election, you will not be subject to the PFIC rules described above. Instead, in general, you will include as ordinary income each year the excess, if any, of the fair market value of your shares at the end of the taxable year over your adjusted basis in your shares. You will also be allowed to take an ordinary loss in respect of the excess, if any, of the adjusted basis of your

shares over their fair market value at the end of the taxable year (but only to the extent of the net amount of previously included income as a result of the mark-to-market election). Your basis in the shares will be adjusted to reflect any such income or loss amounts. Any gain that you recognize on the sale or other disposition of your shares would be ordinary income and any loss would be an ordinary loss to the extent of the net amount of previously included income as a result of the mark-to-market election and, thereafter, a capital loss.

Your shares will generally be treated as stock in a PFIC if we were a PFIC at any time during your holding period in your shares, even if we are not currently a PFIC.

In addition, notwithstanding any election you make with regard to the shares, dividends that you receive from us will not constitute qualified dividend income to you if we are a PFIC (or are treated as a PFIC with respect to you) either in the taxable year of the distribution or the preceding taxable year. Dividends that you receive that do not constitute qualified dividend income are not eligible for taxation at the preferential rates applicable to qualified dividend income. Instead, you must include the gross amount of any such dividend paid by us out of our accumulated earnings and profits (as determined for United States federal income tax purposes) in your gross income, and it will be subject to tax at rates applicable to ordinary income.

If you own shares during any year that we are a PFIC with respect to you, you may be required to file Internal Revenue Service (“IRS”) Form 8621.

Tax consequences to holders of our debt securities

This subsection deals only with debt securities that have all of the following features: (i) the debt securities are issued directly by us and not by our Chicago branch, (ii) the debt securities do not have Non-Viability Contingent Capital Provisions, (iii) the debt securities are due to mature 30 years or less from the date on which they are issued, and (iv) the terms of the debt securities are described in this prospectus. The United States federal income tax consequences of owning debt securities that are issued by our Chicago branch, debt securities with Non-Viability Contingent Capital Provisions, debt securities that are due to mature more than 30 years from their date of issue, and debt securities whose terms are not described in this prospectus will be discussed in an applicable supplement.

Payments of Interest

Except as described below in the case of interest on a discount debt security that is not qualified stated interest, each as defined below under “— *Original Issue Discount — General*,” you will be taxed on any interest on your debt security, whether payable in U.S. dollars or a foreign currency, including a composite currency or basket of currencies other than U.S. dollars, as ordinary income at the time you receive the interest or when it accrues, depending on your method of accounting for tax purposes.

Interest that we pay on the debt securities and original issue discount, if any, accrued with respect to the debt securities (as described below under “— *Original Issue Discount*”) and any additional amounts paid with respect to withholding tax on the notes, including withholding tax on payments of such additional amounts (“*additional amounts*”), is generally income from sources outside the United States and will generally be passive income for purposes of the rules regarding the foreign tax credit allowable to a United States holder.

Foreign Currency Notes — Cash Basis Taxpayers. If you are a taxpayer that uses the cash receipts and disbursements method of accounting for tax purposes and you receive an interest payment that is denominated in, or determined by reference to, a foreign currency, you must recognize income equal to the U.S. dollar value of the interest payment, based on the exchange rate in effect on the date of receipt, regardless of whether you actually convert the payment into U.S. dollars.

Foreign Currency Notes — Accrual Basis Taxpayers. If you are a taxpayer that uses an accrual method of accounting for tax purposes, you may determine the amount of income that you recognize with respect to an

interest payment denominated in, or determined by reference to, a foreign currency by using one of two methods. Under the first method, you will determine the amount of income accrued based on the average exchange rate in effect during the interest accrual period or, with respect to an accrual period that spans two taxable years, that part of the period within the taxable year.

If you elect the second method, you would determine the amount of income accrued on the basis of the exchange rate in effect on the last day of the accrual period, or, in the case of an accrual period that spans two taxable years, the exchange rate in effect on the last day of the part of the period within the taxable year. Additionally, under this second method, if you receive a payment of interest within five business days of the last day of your accrual period or taxable year, you may instead translate the interest accrued into U.S. dollars at the exchange rate in effect on the day that you actually receive the interest payment. If you elect the second method it will apply to all debt instruments that you hold at the beginning of the first taxable year to which the election applies and to all debt instruments that you subsequently acquire. You may not revoke this election without the consent of the IRS.

When you actually receive an interest payment, including a payment attributable to accrued but unpaid interest upon the sale or retirement of your debt security, denominated in, or determined by reference to, a foreign currency for which you accrued an amount of income, you will recognize ordinary income or loss measured by the difference, if any, between the exchange rate that you used to accrue interest income and the exchange rate in effect on the date of receipt, regardless of whether you actually convert the payment into U.S. dollars.

Original Issue Discount

General. If you own a debt security, other than a short-term debt security with a term of one year or less, it will be treated as a discount debt security issued at an original issue discount if the amount by which the debt security's stated redemption price at maturity exceeds its issue price is more than a de minimis amount. Generally, a debt security's issue price will be the first price at which a substantial amount of debt securities included in the issue of which the debt security is a part is sold to persons other than bond houses, brokers, or similar persons or organizations acting in the capacity of underwriters, placement agents, or wholesalers. A debt security's stated redemption price at maturity is the total of all payments provided by the debt security that are not payments of qualified stated interest. Generally, an interest payment on a debt security is qualified stated interest if it is one of a series of stated interest payments on a debt security that are unconditionally payable at least annually at a single fixed rate, with certain exceptions for lower rates paid during some periods, applied to the outstanding principal amount of the debt security. There are special rules for variable rate debt securities that are discussed under "*— Variable Rate Debt Securities.*"

In general, your debt security is not a discount debt security if the amount by which its stated redemption price at maturity exceeds its issue price is less than the de minimis amount of 1/4 of 1 percent of its stated redemption price at maturity multiplied by the number of complete years to its maturity. Your debt security will have de minimis original issue discount if the amount of the excess is less than the de minimis amount. If your debt security has de minimis original issue discount, you must include the de minimis amount in income as stated principal payments are made on the debt security, unless you make the election described below under "*— Election to Treat All Interest as Original Issue Discount.*" You can determine the includible amount with respect to each such payment by multiplying the total amount of your debt security's de minimis original issue discount by a fraction equal to:

- the amount of the principal payment made

divided by:

- the stated principal amount of the debt security.

Generally, if your discount debt security matures more than one year from its date of issue, you must include original issue discount, or OID, in income before you receive cash attributable to that income. The amount of OID that you must include in income is calculated using a constant-yield method, and generally you will include increasingly greater amounts of OID in income over the life of your debt security. More specifically, you can calculate the amount of OID that you must include in income by adding the daily portions of OID with respect to your discount debt security for each day during the taxable year or portion of the taxable year that you hold your discount debt security. You can determine the daily portion by allocating to each day in any accrual period a pro rata portion of the OID allocable to that accrual period. You may select an accrual period of any length with respect to your discount debt security and you may vary the length of each accrual period over the term of your discount debt security. However, no accrual period may be longer than one year and each scheduled payment of interest or principal on the discount debt security must occur on either the first or final day of an accrual period.

You can determine the amount of OID allocable to an accrual period by:

- multiplying your discount debt security's adjusted issue price at the beginning of the accrual period by your debt security's yield to maturity, and then
- subtracting from this figure the sum of the payments of qualified stated interest on your debt security allocable to the accrual period.

You must determine the discount debt security's yield to maturity on the basis of compounding at the close of each accrual period and adjusting for the length of each accrual period. Further, you determine your discount debt security's adjusted issue price at the beginning of any accrual period by:

- adding your discount debt security's issue price and any accrued OID for each prior accrual period, and
- then subtracting any payments previously made on your discount debt security that were not qualified stated interest payments.

If an interval between payments of qualified stated interest on your discount debt security contains more than one accrual period, then, when you determine the amount of OID allocable to an accrual period, you must allocate the amount of qualified stated interest payable at the end of the interval, including any qualified stated interest that is payable on the first day of the accrual period immediately following the interval, pro rata to each accrual period in the interval based on their relative lengths. In addition, you must increase the adjusted issue price at the beginning of each accrual period in the interval by the amount of any qualified stated interest that has accrued prior to the first day of the accrual period but that is not payable until the end of the interval. You may compute the amount of OID allocable to an initial short accrual period by using any reasonable method if all other accrual periods, other than a final short accrual period, are of equal length.

The amount of OID allocable to the final accrual period is equal to the difference between:

- the amount payable at the maturity of your debt security, other than any payment of qualified stated interest, and
- your debt security's adjusted issue price as of the beginning of the final accrual period.

Acquisition Premium. If you purchase your debt security for an amount that is less than or equal to the sum of all amounts, other than qualified stated interest, payable on your debt security after the purchase date but is greater than the amount of your debt security's adjusted issue price, as determined above under "*— General,*" the excess is acquisition premium. If you do not make the election described below under "*— Election to Treat All Interest as Original Issue Discount,*" then you must reduce the daily portions of OID by a fraction equal to:

- the excess of your adjusted basis in the debt security immediately after purchase over the adjusted issue price of the debt security

divided by:

- the excess of the sum of all amounts payable, other than qualified stated interest, on the debt security after the purchase date over the debt security's adjusted issue price.

Pre-Issuance Accrued Interest. An election may be made to decrease the issue price of your debt security by the amount of pre-issuance accrued interest if:

- a portion of the initial purchase price of your debt security is attributable to pre-issuance accrued interest,
- the first stated interest payment on your debt security is to be made within one year of your debt security's issue date, and
- the payment will equal or exceed the amount of pre-issuance accrued interest.

If this election is made, a portion of the first stated interest payment will be treated as a return of the excluded pre-issuance accrued interest and not as an amount payable on your debt security.

Debt Securities Subject to Contingencies Including Optional Redemption. Your debt security is subject to a contingency if it provides for an alternative payment schedule or schedules applicable upon the occurrence of a contingency or contingencies, other than a remote or incidental contingency, whether such contingency relates to payments of interest or of principal. In such a case, you must determine the yield and maturity of your debt security by assuming that the payments will be made according to the payment schedule most likely to occur if:

- the timing and amounts of the payments that comprise each payment schedule are known as of the issue date and
- one of such schedules is significantly more likely than not to occur.

If there is no single payment schedule that is significantly more likely than not to occur, other than because of a mandatory sinking fund, you must include income on your debt security in accordance with the general rules that govern contingent payment obligations. These rules will be discussed in an applicable supplement.

Notwithstanding the general rules for determining yield and maturity, if your debt security is subject to contingencies, and either you or we have an unconditional option or options that, if exercised, would require payments to be made on the debt security under an alternative payment schedule or schedules, then:

- in the case of an option or options that we may exercise, we will be deemed to exercise or not exercise an option or combination of options in the manner that minimizes the yield on your debt security and
- in the case of an option or options that you may exercise, you will be deemed to exercise or not exercise an option or combination of options in the manner that maximizes the yield on your debt security.

If both you and we hold options described in the preceding sentence, those rules will apply to each option in the order in which they may be exercised. You would determine the yield on your debt security for the purposes of those calculations by using any date on which your debt security may be redeemed or repurchased as the maturity date and the amount payable on such date in accordance with the terms of your debt security as the principal amount payable at maturity.

If a contingency, including the exercise of an option, actually occurs or does not occur contrary to an assumption made according to the above rules then, except to the extent that a portion of your debt security is repaid as a result of this change in circumstances and solely to determine the amount and accrual of OID, you must redetermine the yield and maturity of your debt security by treating your debt security as having been retired and reissued on the date of the change in circumstances for an amount equal to your debt security's adjusted issue price on that date.

Election to Treat All Interest as Original Issue Discount. You may elect to include in gross income all interest that accrues on your debt security using the constant-yield method described above under “— *General*,” with the modifications described below. For purposes of this election, interest will include stated interest, OID, de minimis original issue discount, market discount, de minimis market discount and unstated interest, as adjusted by any amortizable bond premium, described below under “— *Debt Securities Purchased at a Premium*,” or acquisition premium.

If you make this election for your debt security, then, when you apply the constant-yield method:

- the issue price of your debt security will equal your cost,
- the issue date of your debt security will be the date you acquired it, and
- no payments on your debt security will be treated as payments of qualified stated interest.

Generally, this election will apply only to the debt security for which you make it; however, if the debt security has amortizable bond premium, you will be deemed to have made an election to apply amortizable bond premium against interest for all debt instruments with amortizable bond premium, other than debt instruments the interest on which is excludible from gross income, that you hold as of the beginning of the taxable year to which the election applies or thereafter. Additionally, if you make this election for a market discount debt security, you will be treated as having made the election discussed below under “— *Debt Securities Purchased with Market Discount*” to include market discount in income currently over the life of all debt instruments having market discount that you acquire on or after the first day of the first taxable year to which the election applies. You may not revoke any election to apply the constant-yield method to all interest on a debt security or the deemed elections with respect to amortizable bond premium or market discount debt securities without the consent of the IRS.

Variable Rate Debt Securities. Your debt security will be a variable rate debt security if:

- your debt security’s issue price does not exceed the total noncontingent principal payments by more than the lesser of:
 1. 0.015 multiplied by the product of the total noncontingent principal payments and the number of complete years to maturity from the issue date, or
 2. 15 percent of the total noncontingent principal payments; and
- your debt security provides for stated interest, compounded or paid at least annually, only at:
 1. one or more qualified floating rates,
 2. a single fixed rate and one or more qualified floating rates,
 3. a single objective rate, or
 4. a single fixed rate and a single objective rate that is a qualified inverse floating rate; and
- the value of any variable rate on any date during the term of your debt security is set no earlier than three months prior to the first day on which that value is in effect and no later than one year following that first day.

Your debt security will have a variable rate that is a qualified floating rate if:

- variations in the value of the rate can reasonably be expected to measure contemporaneous variations in the cost of newly borrowed funds in the currency in which your debt security is denominated; or
- the rate is equal to such a rate either:
 1. multiplied by a fixed multiple that is greater than 0.65 but not more than 1.35, or
 2. multiplied by a fixed multiple greater than 0.65 but not more than 1.35, and then increased or decreased by a fixed rate.

If your debt security provides for two or more qualified floating rates that are within 0.25 percentage points of each other on the issue date or can reasonably be expected to have approximately the same values throughout the term of the debt security, the qualified floating rates together constitute a single qualified floating rate.

Your debt security will not have a qualified floating rate, however, if the rate is subject to certain restrictions (including caps, floors, governors, or other similar restrictions) unless such restrictions are caps, floors or governors that are fixed throughout the term of the debt security or such restrictions are not reasonably expected to significantly affect the yield on the debt security.

Your debt security will have a variable rate that is a single objective rate if:

- the rate is not a qualified floating rate, and
- the rate is determined using a single, fixed formula that is based on objective financial or economic information that is not within the control of or unique to the circumstances of the issuer or a related party.

Your debt security will not have a variable rate that is an objective rate, however, if it is reasonably expected that the average value of the rate during the first half of your debt security's term will be either significantly less than or significantly greater than the average value of the rate during the final half of your debt security's term.

An objective rate as described above is a qualified inverse floating rate if:

- the rate is equal to a fixed rate minus a qualified floating rate, and
- the variations in the rate can reasonably be expected to inversely reflect contemporaneous variations in the cost of newly borrowed funds.

Your debt security will also have a single qualified floating rate or an objective rate if interest on your debt security is stated at a fixed rate for an initial period of one year or less followed by either a qualified floating rate or an objective rate for a subsequent period, and either:

- the fixed rate and the qualified floating rate or objective rate have values on the issue date of the debt security that do not differ by more than 0.25 percentage points, or
- the value of the qualified floating rate or objective rate is intended to approximate the fixed rate.

In general, if your variable rate debt security provides for stated interest at a single qualified floating rate or objective rate, or one of those rates after a single fixed rate for an initial period, all stated interest on your debt security is qualified stated interest. In this case, the amount of OID, if any, is determined by using, in the case of a qualified floating rate or qualified inverse floating rate, the value as of the issue date of the qualified floating rate or qualified inverse floating rate, or, for any other objective rate, a fixed rate that reflects the yield reasonably expected for your debt security.

If your variable rate debt security does not provide for stated interest at a single qualified floating rate or a single objective rate, and also does not provide for interest payable at a fixed rate other than a single fixed rate for an initial period, you generally must determine the interest and OID accruals on your debt security by:

- determining a fixed rate substitute for each variable rate provided under your variable rate debt security,
- constructing the equivalent fixed rate debt instrument, using the fixed rate substitute described above,
- determining the amount of qualified stated interest and OID with respect to the equivalent fixed rate debt instrument, and
- adjusting for actual variable rates during the applicable accrual period.

When you determine the fixed rate substitute for each variable rate provided under the variable rate debt security, you generally will use the value of each variable rate as of the issue date or, for an objective rate that is not a qualified inverse floating rate, a rate that reflects the reasonably expected yield on your debt security.

If your variable rate debt security provides for stated interest either at one or more qualified floating rates or at a qualified inverse floating rate, and also provides for stated interest at a single fixed rate other than at a single fixed rate for an initial period, you generally must determine interest and OID accruals by using the method described in the previous paragraph. However, your variable rate debt security will be treated, for purposes of the first three steps of the determination, as if your debt security had provided for a qualified floating rate, or a qualified inverse floating rate, rather than the fixed rate. The qualified floating rate, or qualified inverse floating rate, that replaces the fixed rate must be such that the fair market value of your variable rate debt security as of the issue date approximates the fair market value of an otherwise identical debt instrument that provides for the qualified floating rate, or qualified inverse floating rate, rather than the fixed rate.

Short-Term Debt Securities. In general, if you are an individual or other cash basis United States holder of a short-term debt security, you are not required to accrue OID, as specially defined below for the purposes of this paragraph, for United States federal income tax purposes unless you elect to do so (although it is possible that you may be required to include any stated interest in income as you receive it). If you are an accrual basis taxpayer, a taxpayer in a special class, including, but not limited to, a regulated investment company, common trust fund, or a certain type of pass-through entity, or a cash basis taxpayer who so elects, you will be required to accrue OID on short-term debt securities on either a straight-line basis or under the constant-yield method, based on daily compounding. If you are not required and do not elect to include OID in income currently, any gain you realize on the sale or retirement of your short-term debt security will be ordinary income to the extent of the accrued OID, which will be determined on a straight-line basis unless you make an election to accrue the OID under the constant-yield method, through the date of sale or retirement. However, if you are not required and do not elect to accrue OID on your short-term debt securities, you will be required to defer deductions for interest on borrowings allocable to your short-term debt securities in an amount not exceeding the deferred income until the deferred income is realized.

When you determine the amount of OID subject to these rules, you must include all interest payments on your short-term debt security, including stated interest, in your short-term debt security's stated redemption price at maturity.

Foreign Currency Discount Debt Securities. If your discount debt security is denominated in, or determined by reference to, a foreign currency, you must determine OID for any accrual period on your discount debt security in the foreign currency and then translate the amount of OID into U.S. dollars in the same manner as stated interest accrued by an accrual basis United States holder, as described under “— *Tax consequences to holders of our debt securities — Payments of Interest.*” You may recognize ordinary income or loss when you receive an amount attributable to OID in connection with a payment of interest or the sale or retirement of your debt security.

Debt Securities Purchased at a Premium

If you purchase your debt security for an amount in excess of its principal amount (or, in the case of a discount debt security, in excess of the sum of all amounts payable on the debt security after the acquisition date (other than payments of qualified stated interest)), you may elect to treat the excess as amortizable bond premium. If you make this election, you would reduce the amount required to be included in your income each accrual period with respect to interest on your debt security by the amount of amortizable bond premium allocable to that accrual period, based on your debt security's yield to maturity.

If the amortizable bond premium allocable to an accrual period exceeds your interest income from your debt security for such accrual period, such excess is first allowed as a deduction to the extent of interest included in

your income in respect of the debt security in previous accrual periods and is then carried forward to your next accrual period. If the amortizable bond premium allocable and carried forward to the accrual period in which your debt security is sold, retired or otherwise disposed of exceeds your interest income for such accrual period, you would be allowed an ordinary deduction equal to such excess.

If your debt security is denominated in, or determined by reference to, a foreign currency, you will compute your amortizable bond premium in units of the foreign currency and your amortizable bond premium will reduce your interest income in units of the foreign currency. Gain or loss recognized that is attributable to changes in exchange rates between the time your amortized bond premium offsets interest income and the time of the acquisition of your debt security is generally taxable as ordinary income or loss.

If you make an election to amortize bond premium, it will apply to all debt instruments, other than debt instruments the interest on which is excludible from gross income, that you hold at the beginning of the first taxable year to which the election applies or that you thereafter acquire, and you may not revoke it without the consent of the IRS. See also “— *Original Issue Discount — Election to Treat All Interest as Original Issue Discount.*”

Debt Securities Purchased with Market Discount

You will be treated as if you purchased your debt security, other than a short-term debt security, at a market discount, and your debt security will be a market discount debt security if:

- In the case of an initial purchaser, you purchase your debt security for less than its issue price as determined above under “— *Original Issue Discount — General,*” and
- the difference between the debt security’s stated redemption price at maturity or, in the case of a discount debt security, the debt security’s revised issue price, and the price you paid for your debt security is equal to or greater than 1/4 of 1 percent of your debt security’s stated redemption price at maturity multiplied by the number of complete years to the debt security’s maturity. To determine the revised issue price of a discount debt security for these purposes, you generally add any OID that has accrued on the notes prior to your acquisition of the notes to its issue price.

If your debt security’s stated redemption price at maturity or, in the case of a discount debt security, its revised issue price, exceeds the price you paid for the debt security by less than 1/4 of 1 percent of the debt security’s stated redemption price at maturity multiplied by the number of complete years to the debt security’s maturity, the excess constitutes de minimis market discount, and the rules discussed below are not applicable to you.

You must treat any gain you recognize on the maturity or disposition of your market discount debt security as ordinary income to the extent of the accrued market discount on your debt security. Alternatively, you may elect to include market discount in income currently over the life of your debt security. If you make this election, it will apply to all debt instruments with market discount that you acquire on or after the first day of the first taxable year to which the election applies. You may not revoke this election without the consent of the IRS. If you own a market discount debt security and do not make this election, you will generally be required to defer deductions for interest on borrowings allocable to your debt security in an amount not exceeding the accrued market discount on your debt security until the maturity or disposition of your debt security.

You will accrue market discount on your market discount debt security on a straight-line basis unless you elect to accrue market discount using a constant-yield method. If you make this election, it will apply only to the debt security with respect to which it is made and you may not revoke it.

Purchase, Sale and Retirement of the Debt Securities

Your tax basis in your debt security will generally be the U.S. dollar cost, as defined below, of your debt security, adjusted by:

- adding any OID or market discount previously included in income with respect to your debt security, and then
- subtracting any payments on your debt security that are not qualified stated interest payments and any amortizable bond premium to the extent that such premium either reduced interest income on your debt security or gave rise to a deduction on your debt security.

If you purchase your debt security with foreign currency, the U.S. dollar cost of your debt security will generally be the U.S. dollar value of the purchase price on the date of purchase. However, if you are a cash basis taxpayer, or an accrual basis taxpayer if you so elect, and your debt security is traded on an established securities market, as defined in the applicable Treasury regulations, the U.S. dollar cost of your debt security will be the U.S. dollar value of the purchase price on the settlement date of your purchase.

You will generally recognize gain or loss on the sale or retirement of your debt security equal to the difference between the amount you realize on the sale or retirement, excluding any amounts attributable to accrued but unpaid interest (which will be treated as interest payments), and your tax basis in your debt security. If your debt security is sold or retired for an amount in foreign currency, the amount you realize will be the U.S. dollar value of such amount on the date the debt security is disposed of or retired, except that in the case of a debt security that is traded on an established securities market, as defined in the applicable Treasury regulations, a cash basis taxpayer, or an accrual basis taxpayer that so elects, will determine the amount realized based on the U.S. dollar value of the foreign currency on the settlement date of the sale.

You will recognize capital gain or loss when you sell or retire your debt security, except to the extent:

- described above under “— Original Issue Discount — Short-Term Debt Securities” or “— Debt Securities Purchased with Market Discount,” or
- attributable to changes in exchange rates as described below.

Capital gain of a noncorporate United States holder is generally taxed at preferential rates where the property is held for more than one year.

You must treat any portion of the gain or loss that you recognize on the sale or retirement of a debt security as United States source ordinary income or loss to the extent attributable to changes in exchange rates. However, you take exchange gain or loss into account only to the extent of the total gain or loss you realize on the transaction.

Exchange of Amounts in Other Than U.S. Dollars

If you receive foreign currency as interest on your debt security or on the sale or retirement of your debt security, your tax basis in the foreign currency will equal its U.S. dollar value when the interest is received or at the time of the sale or retirement. If you purchase foreign currency, you generally will have a tax basis equal to the U.S. dollar value of the foreign currency on the date of your purchase. If you sell or dispose of a foreign currency, including if you use it to purchase debt securities or exchange it for U.S. dollars, any gain or loss recognized generally will be ordinary income or loss.

Indexed Debt Securities, Exchangeable Debt Securities and Contingent Payment Debt Securities

An applicable supplement will discuss any special United States federal income tax rules with respect to debt securities the payments on which are determined by reference to any index, debt securities that are

exchangeable at our option or the option of the holder into debt securities or equity, debt securities that are subject to the rules governing contingent payment obligations and debt securities that may not be classified as debt for U.S. federal income tax purposes.

Treasury Regulations Requiring Disclosure of Reportable Transactions

Treasury regulations require United States taxpayers to report certain transactions that give rise to a loss in excess of certain thresholds (a “*Reportable Transaction*”). Under these regulations, if the debt securities are denominated in a foreign currency, a United States holder that recognizes a loss with respect to the debt securities that is characterized as an ordinary loss due to changes in currency exchange rates (under any of the rules discussed above) would be required to report the loss on IRS Form 8886 (Reportable Transaction Statement) if the loss exceeds the thresholds set forth in the regulations. For individuals and trusts, this loss threshold is \$50,000 in any single taxable year. For other types of taxpayers and other types of losses, the thresholds are higher. You should consult with your tax advisor regarding any tax filing and reporting obligations that may apply in connection with acquiring, owning and disposing of debt securities.

Other Considerations

Foreign Account Tax Compliance Withholding

Pursuant to Sections 1471 through 1474 of the Code (which are commonly referred to as “*FATCA*”), a 30% withholding tax will be imposed on certain payments to certain non-U.S. financial institutions that fail to comply with information reporting requirements or certification requirements in respect of their direct and indirect United States shareholders and/or United States accountholders. To avoid becoming subject to the 30% withholding tax on payments to them, we and other non-U.S. financial institutions may be required to report information to the IRS regarding the holders of securities and to withhold on a portion of payments under the securities to certain holders that fail to comply with the relevant information reporting requirements (or hold securities directly or indirectly through certain non-compliant intermediaries). However, under proposed Treasury regulations, such withholding will not apply to payments made before the date that is two years after the date on which final regulations defining the term “foreign passthru payment” are enacted. Moreover, in the case of debt securities, such withholding would only apply to securities issued at least six months after the date on which final regulations defining the term “foreign passthru payment” are enacted. Holders are urged to consult their own tax advisors and any banks or brokers through which they will hold securities as to the consequences (if any) of these rules to them.

Information with Respect to Foreign Financial Assets

Owners of “specified foreign financial assets” with an aggregate value in excess of \$50,000 (and in some circumstances a higher threshold) may be required to file an information report with respect to such assets with their tax returns. “Specified foreign financial assets” may include financial accounts maintained by foreign financial institutions, as well as the following, but only if they are held for investment and not held in accounts maintained by financial institutions: (i) stocks and securities issued by non-United States persons, (ii) financial instruments and contracts that have non-United States issuers or counterparties, and (iii) interests in foreign entities. The securities may be subject to these rules. Holders are urged to consult their tax advisors regarding the application of this reporting requirement to their ownership of the securities.

Backup Withholding and Information Reporting

If you are a noncorporate United States holder, information reporting requirements, on IRS Form 1099, generally would apply to dividend payments on common stock and payments of principal and interest on debt securities made to you within the United States, and the payment of proceeds to you from the sale of securities effected at a United States office of a broker. Information reporting may also apply in respect of any OID that accrues on a note.

Additionally, backup withholding may apply to such payments if you fail to comply with applicable certification requirements or (in the case of dividend or interest payments) are notified by the IRS that you have failed to report all interest and dividends required to be shown on your federal income tax returns.

Payment of the proceeds from the sale of securities effected at a foreign office of a broker generally will not be subject to information reporting or backup withholding. However, a sale effected at a foreign office of a broker could be subject to information reporting in the same manner as a sale within the United States (and in certain cases may be subject to backup withholding as well) if (i) the broker has certain connections to the United States, (ii) the proceeds or confirmation are sent to the United States or (iii) the sale has certain other specified connections with the United States.

You generally may obtain a refund of any amounts withheld under the backup withholding rules that exceed your income tax liability by filing a refund claim with the IRS.

CANADIAN TAXATION

In the opinion of Osler, Hoskin & Harcourt LLP, our Canadian federal income tax counsel, the following summary describes the principal Canadian federal income tax considerations generally applicable to a purchaser who acquires securities, including entitlement to all payments thereunder, as a beneficial owner pursuant to this Offering and who, at all relevant times, for purposes of the application of the *Income Tax Act* (Canada) and the Income Tax Regulations (collectively, the “*Tax Act*”), (1) is not, and is not deemed to be, resident in Canada; (2) deals at arm’s length with us and with any transferee resident (or deemed to be resident) in Canada to whom the purchaser disposes of debt securities, (3) is not affiliated with us, (4) holds securities as capital property, (5) does not receive any payment of interest on the debt securities in respect of a debt or other obligation to pay an amount to a person with whom we do not deal at arm’s length, (6) does not use or hold the securities in a business carried on in Canada, (7) does not enter into, with respect to its securities, a “derivative forward agreement” as defined in the Tax Act and (8) is not a “specified shareholder” of the Bank as defined in subsection 18(5) of the Tax Act or a non-resident person not dealing at arm’s length with such “specified shareholder” (a “*Holder*”). Special rules, which are not discussed in this summary, may apply to a non-Canadian holder that is an insurer that carries on an insurance business in Canada and elsewhere.

This summary is based on the current provisions of the Tax Act and on counsel’s understanding of the current administrative policies and assessing practices of the Canada Revenue Agency published in writing prior to the date hereof. This summary takes into account all specific proposals to amend the Tax Act publicly announced by or on behalf of the Minister of Finance (Canada) prior to the date hereof (the “*Proposed Amendments*”) and assumes that all Proposed Amendments will be enacted in the form proposed. However, no assurances can be given that the Proposed Amendments will be enacted as proposed, or at all. This summary does not otherwise take into account or anticipate any changes in law or administrative policy or assessing practice whether by legislative, administrative or judicial action nor does it take into account tax legislation or considerations of any province, territory or foreign jurisdiction, which may differ from those discussed herein.

This summary is of a general nature only and is not, and is not intended to be, legal or tax advice in respect of any particular issuance of securities, the terms and conditions of which will be material to the Canadian federal income tax considerations with respect thereto. Canadian federal income tax considerations applicable to securities may be described more particularly when such securities are offered (and then only to the extent material) in a prospectus supplement or pricing supplement related thereto if they are not addressed by the comments following and, in that event, the following will be superseded thereby to the extent indicated in such prospectus supplement or pricing supplement. These Canadian federal income tax considerations may also be supplemented, amended and/or replaced in a prospectus supplement or pricing supplement based on the terms and conditions of the securities issued thereunder. If securities are otherwise issued without disclosure of Canadian federal income tax considerations, prospective purchasers of such securities should consult their own tax advisors.

This summary is of a general nature only and is not, and is not intended to be, legal or tax advice to any particular holder. This summary is not exhaustive of all Canadian federal income tax considerations. Accordingly, prospective purchasers of securities should consult their own tax advisors having regard to their own particular circumstances.

Currency Conversion

Generally, for purposes of the Tax Act, all amounts relating to the acquisition, holding or disposition of the securities must be converted into Canadian dollars based on the exchange rates as determined in accordance with the Tax Act. The amounts subject to withholding tax and any capital gains or capital losses realized by a Holder may be affected by fluctuations in the Canadian / U.S. dollar exchange rate.

Shares

Dividends on the Shares

Dividends paid or credited on the shares or deemed to be paid or credited on the shares to a Holder will be subject to Canadian non-resident withholding tax at the rate of 25%, subject to any reduction in the rate of withholding to which the Holder is entitled under any applicable income tax convention between Canada and the country in which the Holder is resident. For example, under the *Canada-U.S. Income Tax Convention (1980)* (the “*Convention*”), where dividends on the shares are considered to be paid to or derived by a Holder that is the beneficial owner of the dividends and a U.S. resident for the purposes of, and is entitled to benefits in accordance with, the provisions of the Convention, the applicable rate of Canadian non-resident withholding tax is generally reduced to 15%.

Disposition of the Shares

A Holder will not be subject to tax under the Tax Act on any capital gain realized on a disposition or deemed disposition of shares, unless the shares are “taxable Canadian property” to the Holder for purposes of the Tax Act and the Holder is not entitled to relief under an applicable income tax convention between Canada and the country in which the Holder is resident.

Generally, the shares will not constitute taxable Canadian property to a Holder at a particular time provided that the shares are listed at that time on a designated stock exchange (which includes the Toronto Stock Exchange), unless at any particular time during the 60-month period that ends at that time (1) the Holder, persons with whom the Holder does not deal with at arm’s length, or the Holder together with all such persons, has owned 25% or more of the issued shares of any class or series of our capital stock and (2) more than 50% of the fair market value of the shares was derived directly or indirectly from one or any combination of: (i) real or immovable properties situated in Canada, (ii) “Canadian resource properties” (as defined in the Tax Act), (iii) “timber resource properties” (as defined in the Tax Act), and (iv) options in respect of, or interests in, or for civil law rights in, property in any of the foregoing whether or not the property exists. Notwithstanding the foregoing, in certain circumstances set out in the Tax Act, shares could be deemed to be taxable Canadian property. Holders whose shares may constitute taxable Canadian property should consult their own tax advisors.

Debt Securities

Interest paid or credited or deemed to be paid or credited by us on a debt security (including amounts on account of, or in lieu of, or in satisfaction of interest) to a Holder will not be subject to Canadian non-resident withholding tax, unless any portion of such interest (other than on a “prescribed obligation” described below) is contingent or dependent on the use of or production from property in Canada or is computed by reference to revenue, profit, cash flow, commodity price or any other similar criterion or by reference to dividends paid or payable to shareholders of any class or series of shares of the capital stock of a corporation. A “*prescribed obligation*” is a debt obligation the terms or conditions of which provide for an adjustment to an amount payable in respect of the obligation for a period during which the obligation was outstanding which adjustment is determined by reference to a change in the purchasing power of money and no amount payable in respect thereof, other than an amount determined by reference to a change in the purchasing power of money, is contingent or dependent upon any of the criteria described in the preceding sentence. *If any interest payable on a debt security, or any portion of the principal amount of a debt security in excess of its issue price, is to be calculated by reference to an index or formula, interest on the debt security, together with any such portion of such principal, may be subject to Canadian non-resident withholding tax.*

In the event that a security which is not exempt from Canadian non-resident withholding tax under its terms is redeemed, cancelled, repurchased or purchased by us or any other person resident or deemed to be resident in Canada from a Holder or is otherwise assigned or transferred by a Holder to a person resident or deemed to be resident in Canada for an amount which exceeds, generally, the issue price thereof, or in certain cases, the price

for which such debt security was assigned or transferred to the Holder by a person resident or deemed resident in Canada, the excess may be deemed to be interest and may, together with any interest that has accrued on the debt security to that time, be subject to Canadian non-resident withholding tax. Such excess will not be subject to Canadian non-resident withholding tax if, in certain circumstances, the debt security is considered an “excluded obligation” for purposes of the Act. A debt security that was issued for an amount not less than 97% of the principal amount (as defined for the purposes of the Act) of the debt security, and the yield from which, expressed in terms of an annual rate (determined in accordance with the Act) on the amount for which the debt security was issued does not exceed $\frac{4}{3}$ of the interest stipulated to be payable on the debt security, expressed in terms of an annual rate on the outstanding principal amount from time to time will be an excluded obligation for this purpose.

Generally, there are no other taxes on income (including taxable capital gains) payable by a Holder on interest, discount, or premium in respect of a debt security or on the proceeds received by a Holder on the disposition of a debt security (including redemption, cancellation, purchase or repurchase).

EMPLOYEE RETIREMENT INCOME SECURITY ACT

A fiduciary of (i) a pension, profit-sharing or other employee benefit plan subject to the Employee Retirement Income Security Act of 1974, as amended (“ERISA”), or (ii) an entity whose underlying assets include “plan assets” by reason of such plan’s investment in the entity (collectively, “Plans”) should consider the fiduciary standards of ERISA in the context of the Plan’s particular circumstances before authorizing an investment in the securities. Accordingly, among other factors, the fiduciary should consider whether the investment would satisfy the prudence and diversification requirements of ERISA and would be consistent with the documents and instruments governing the plan, and whether the investment would involve a prohibited transaction under Section 406 of ERISA or Section 4975 of the Internal Revenue Code (the “Code”).

Section 406 of ERISA and Section 4975 of the Code prohibit Plans, as well as individual retirement accounts, Keogh plans, and any other plans that are subject to Section 4975 of the Code (also “Plans”), from engaging in certain transactions involving “plan assets” with persons who are “parties in interest” under ERISA or “disqualified persons” under the Code with respect to the Plan. A violation of these prohibited transaction rules may result in excise tax or other liabilities under ERISA or the Code for those persons, unless exemptive relief is available under an applicable statutory, regulatory or administrative exemption. Certain employee benefit plans and arrangements including those that are governmental plans (as defined in section 3(32) of ERISA), certain church plans (as defined in Section 3(33) of ERISA) and non-U.S. plans (as described in Section 4(b)(4) of ERISA) (“Non-ERISA arrangements”) are not subject to the requirements of ERISA or Section 4975 of the Code but may be subject to similar provisions under applicable federal, state, local, foreign or other regulations, rules or laws (“Similar laws”).

The acquisition and holding of the securities by a Plan with respect to which the Bank or certain of our affiliates is or becomes a party in interest or disqualified person may constitute or result in a prohibited transaction under ERISA or Section 4975 of the Code, unless those securities are acquired and held pursuant to and in accordance with an applicable exemption. Section 408(b)(17) of ERISA and Section 4975(d)(20) of the Code provide an exemption for the purchase and sale of securities where neither the Bank nor any of its affiliates have or exercise any discretionary authority or control or render any investment advice with respect to the assets of any Plan involved in the transaction and the Plan pays no more and receives no less than “adequate consideration” in connection with the transaction (the “service provider exemption”). Moreover, the United States Department of Labor has issued several prohibited transaction class exemptions, or “PTCEs,” that may provide exemptive relief if required for direct or indirect prohibited transactions that may arise from the purchase or holding of the securities. These exemptions include:

- PTCE 84-14, an exemption for certain transactions determined or effected by independent qualified professional asset managers;
- PTCE 90-1, an exemption for certain transactions involving insurance company pooled separate accounts;
- PTCE 91-38, an exemption for transactions involving bank collective investment funds;
- PTCE 95-60, an exemption for transactions involving certain insurance company general accounts; and
- PTCE 96-23, an exemption for plan asset transactions managed by in-house asset managers.

There can be no assurance that all of the conditions of any such exemptions will be satisfied.

Any purchaser or holder of the securities or any interest in the securities will be deemed to have represented by its purchase and holding of the securities that it either (1) is not a Plan or a Non-ERISA Arrangement and is not purchasing those securities on behalf of or with the assets of any Plan or Non-ERISA Arrangement or (2) the purchase and holding of the securities will not constitute a non-exempt prohibited transaction under ERISA or the Code or a similar violation under any applicable Similar Laws.

Due to the complexity of these rules and the penalties that may be imposed upon persons involved in non-exempt prohibited transactions, it is important that fiduciaries or other persons considering purchasing the securities on behalf of or with the assets of any Plan or Non-ERISA Arrangement consult with their counsel regarding the availability of exemptive relief under any of the PTCEs listed above, the service provider exemption or any other applicable exemption, or the potential consequences of any purchase or holding under Similar Laws, as applicable.

Purchasers of the securities have exclusive responsibility for ensuring that their purchase and holding of the securities do not violate the fiduciary or prohibited transaction rules of ERISA or the Code or any similar provisions of Similar Laws. The sale of any securities to a Plan or Non-ERISA Arrangement is in no respect a representation by us or any of our affiliates or representatives that such an investment meets all relevant legal requirements with respect to investments by any such Plans or Non-ERISA Arrangements generally or any particular Plan or Non-ERISA Arrangement or that such investment is appropriate for such Plans or Non-ERISA Arrangements generally or any particular Plan or Non-ERISA Arrangement.

PLAN OF DISTRIBUTION (CONFLICTS OF INTEREST)

We may sell any of the securities at any time after effectiveness of the Registration Statement of which this prospectus forms a part in one or more of the following ways from time to time:

- through underwriters or dealers;
- through agents; or
- directly to one or more purchasers.

The offered securities may be distributed periodically in one or more transactions at:

- a fixed price or prices, which may be changed;
- market prices prevailing at the time of sale;
- prices related to the prevailing market prices; or
- negotiated prices.

The applicable supplements will include:

- the initial public offering price;
- the names of any underwriters, dealers or agents;
- the purchase price of the securities;
- our proceeds from the sale of the securities;
- any underwriting discounts or commissions or agency fees and other underwriters' or agents' compensation;
- any discounts or concessions allowed or reallocated or paid to dealers;
- the place and time of delivery of the securities; and
- any securities exchange on which the securities may be listed.

If underwriters are used in the sale, they will buy the securities for their own account. The underwriters may then resell the securities in one or more transactions, at any time or times at a fixed public offering price or at varying prices. The underwriters may change from time to time any fixed public offering price and any discounts or commissions allowed or re-allowed or paid to dealers. If dealers are used in the sale of the securities, we will sell the securities to the dealers as principals. The dealers may then resell the securities to the public at varying prices to be determined by such dealers.

In connection with the offering of securities, we may grant to the underwriters an option to purchase additional securities to cover over-allotments, if any, at the initial public offering price (with an additional underwriting commission), as may be set forth in the applicable supplements for such securities. If we grant any over-allotment option, the terms of the option will be set forth in the applicable supplements for the securities.

This prospectus may be delivered by underwriters and dealers in connection with short sales undertaken to hedge exposures under commitments to acquire our securities to be issued on a delayed or contingent basis.

Underwriters, dealers and agents that participate in the distribution of the securities may be underwriters as defined in the Securities Act. Any discounts or commissions that we pay them and any profit they receive when they resell the securities may be treated as underwriting discounts and commissions under the Securities Act. We may have agreements with underwriters, dealers and agents to indemnify them against certain civil liabilities, including liabilities under the Securities Act, to contribute with respect to payments which they may be required to make in respect of such liabilities and to reimburse them for certain expenses.

Certain underwriters, dealers and agents and their respective affiliates or associates are full service financial institutions engaged in various activities, which may include sales and trading, commercial and investment banking, advisory, investment management, investment research, principal investment, hedging, market making, brokerage and other financial and non-financial activities and services. Certain of the underwriters, dealers and agents and their respective affiliates or associates have provided, and may in the future provide, a variety of these services to us and to persons and entities with relationships with us, for which they received or may receive customary fees and expenses.

In the ordinary course of their various business activities, certain of the underwriters, dealers and agents and their respective affiliates, associates, officers, directors or employees may purchase, sell or hold a broad array of investments and actively trade securities, derivatives, loans, commodities, currencies, credit default swaps and other financial instruments for their own account and for the accounts of their customers, and such investment and trading activities may involve or relate to assets, securities and/or instruments of us (directly, as collateral securing other obligations or otherwise) and/or persons and entities with relationships with us. Certain of the underwriters, dealers and agents and their respective affiliates or associates may also communicate independent investment recommendations, market color or trading ideas and/or publish or express independent research views in respect of such assets, securities or instruments and may at any time hold, or recommend to clients that they should acquire, long and/or short positions in such assets, securities and instruments.

Each series of offered debt securities and preferred shares will be a new issue of securities and will have no established trading market. Securities may or may not be listed on a national or foreign securities exchange or automated quotation system. Our common shares are currently listed on the NYSE and the TSX under the trading symbol “*BMO*.” Any underwriters or agents to whom securities are sold for public offering or sale may make, but are not required to make, a market in the securities, and the underwriters or agents may discontinue making a market in the securities at any time without notice. No assurance can be given as to the liquidity or the existence of trading markets for any securities.

Any underwriters used may engage in stabilizing transactions and syndicate covering transactions in accordance with Rule 104 of Regulation M under the Exchange Act. Stabilizing transactions permit bids to purchase the offered securities or any underlying security so long as the stabilizing bids do not exceed a specified maximum. Syndicate covering transactions involve purchases of securities in the open market after the distribution has been completed in order to cover syndicate short positions. Such stabilizing transactions and syndicate covering transactions may cause the price of the offered securities to be higher than would be the case in the absence of such transactions.

Selling Restrictions Outside the United States

Except as described in an applicable supplement, the Bank has taken no action that would permit a public offering of the securities or possession or distribution of this prospectus or any other offering material in any jurisdiction outside the United States where action for that purpose is required. Accordingly, each underwriter will be required to represent, warrant and agree that it will comply with all applicable laws and regulations in force in any jurisdiction in which it purchases, offers or sells securities or possesses or distributes this prospectus or any other offering material and will obtain any consent, approval or permission required by it for the purchase, offer or sale by it of securities under the laws and regulations in force in any jurisdiction to which it is subject or in which it makes such purchases, offers or sales and the Bank shall have no responsibility in relation to this.

With regard to each security, the relevant purchaser will be required to comply with those restrictions that the Bank and the relevant purchaser shall agree and as shall be set out in an applicable supplement.

Conflicts of Interest

Our affiliate, BMO Capital Markets Corp., may participate in the distribution of the securities as an underwriter, dealer or agent. Any offering of securities in which BMO Capital Markets Corp. participates will be

conducted in compliance with the applicable requirements of FINRA Rule 5121, a rule of the Financial Industry Regulatory Authority, Inc. (“*FINRA*”). BMO Capital Markets Corp. will not participate in the distribution of an offering of securities that do not have a bona fide public market within the meaning of Rule 5121 or are not investment grade rated within the meaning of Rule 5121 or securities in the same series that have equal rights and obligations as investment grade rated securities unless either (1) each member firm responsible for managing the public offering does not have a conflict of interest within the meaning of Rule 5121, is not an affiliate of any member that does have a conflict of interest, and meets the requirements of Rule 5121 with respect to disciplinary history or (2) a qualified independent underwriter has participated in the preparation of the prospectus supplement or other offering document for the offering of securities and has exercised the usual standards of due diligence with respect thereto. Neither BMO Capital Markets Corp. nor any other FINRA member participating in an offering of these securities that has a conflict of interest will confirm initial sales to any discretionary accounts over which it has authority without the prior specific written approval of the customer.

In compliance with the guidelines of FINRA, the maximum commission or discount to be received by the participating FINRA members may not exceed 8% of the aggregate principal amount of securities offered pursuant to this prospectus. We anticipate, however, that the maximum commission or discount to be received in any particular offering of securities will be significantly less than this amount.

Market-Making Resale by Affiliates

This prospectus may be used by BMO Capital Markets Corp. or one or more of our other affiliates in connection with offers and sales of the securities in market-making transactions. In a market-making transaction, BMO Capital Markets Corp. or one of our other affiliates may resell a security it acquires from other holders, after the original offering and sale of that security. Resales of this kind may occur in the open market or may be privately negotiated, at prevailing market prices at the time of resale or at related or negotiated prices. In these transactions, BMO Capital Markets Corp. or one of our other affiliates may act as principal or agent, including as agent for the counterparty in a transaction in which BMO Capital Markets Corp. or such other affiliate, as applicable, acts as principal, or as agent for both counterparties in a transaction in which BMO Capital Markets Corp. or such other affiliate, as applicable, does not act as principal. BMO Capital Markets Corp. or such other affiliate may receive compensation in the form of discounts and commissions, including from both counterparties in some cases.

The securities to be sold in market-making transactions include securities to be issued after the date of this prospectus, as well as securities previously issued. We do not expect to receive any proceeds from market-making transactions. We do not expect that BMO Capital Markets Corp. or any other affiliate that engages in these transactions will pay any proceeds from its market-making resales to us.

Information about the trade and settlements dates, as well as the purchase price, for a market-making transaction will be provided to the purchaser in a separate confirmation of sale.

Unless we or an agent informs you in your confirmation of sale that your security is being purchased in its original offering and sale, you may assume that you are purchasing your security in a market-making transaction.

LIMITATIONS ON ENFORCEMENT OF U.S. LAWS AGAINST THE BANK, OUR MANAGEMENT AND OTHERS

The Bank is incorporated under the federal laws of Canada pursuant to the Bank Act. Substantially all of our directors and executive officers, including many of the persons who signed the Registration Statement on Form F-3, of which this prospectus forms a part, and some or all of the experts named in this document, reside outside the United States, and all or a substantial portion of our assets and the assets of such persons are located outside the United States. As a result, it may be difficult for you to effect service of process within the United States upon such persons, or to realize upon judgments rendered against the Bank or such persons by the courts of the United States predicated upon, among other things, the civil liability provisions of the federal securities laws of the United States. In addition, it may be difficult for you to enforce, in original actions brought in courts in jurisdictions located outside the United States, among other things, civil liabilities predicated upon such securities laws.

We have been advised by our Canadian counsel, Osler, Hoskin & Harcourt LLP, that a judgment of a United States court predicated solely upon civil liability under such laws and that would not be contrary to public policy would probably be enforceable in Canada if the United States court in which the judgment was obtained has a basis for jurisdiction in the matter that was recognized by a Canadian court for such purposes. We have also been advised by such counsel, however, that there is substantial doubt whether an original action could be brought successfully in Canada predicated solely upon such civil liabilities.

VALIDITY OF THE SECURITIES

The validity of the debt securities will be passed upon for the Bank by Sullivan & Cromwell LLP, New York, New York, as to matters of New York law, and by Osler, Hoskin & Harcourt LLP, Toronto, Ontario, as to matters of Canadian law and applicable matters of Ontario law. The validity of the common shares and preferred shares will be passed upon for the Bank by Osler, Hoskin & Harcourt LLP, Toronto, Ontario.

EXPERTS

The consolidated financial statements of the Bank as of October 31, 2021 and 2020 and for each of the years in the three-year period ended October 31, 2021, and management's assessment of the effectiveness of internal control over financial reporting of the Bank as of October 31, 2021 have been incorporated by reference herein from the Bank's Annual Report on Form 40-F for the year ended October 31, 2021, in reliance upon the reports of KPMG LLP, an independent registered public accounting firm, and upon the authority of said firm as experts in accounting and auditing.

OTHER EXPENSES OF ISSUANCE AND DISTRIBUTION

The following is a statement of the expenses (all of which are estimated), other than underwriting discounts and commissions, to be incurred in connection with the issuance and distribution of the securities registered under the Registration Statement of which this prospectus forms a part. Additional information about the estimated or actual expenses in connection with a particular offering of securities under the shelf will be provided in the applicable supplements.

Registration Statement filing fee	US\$3,893,400
Trustees' fees and expenses	US\$ 200,000
Legal fees and expenses	US\$1,000,000
Accounting fees and expenses	US\$ 800,000
Printing costs	US\$ 200,000
Miscellaneous	US\$ 350,000
Total	US\$6,443,400

US\$42,000,000,000



Senior Medium-Term Notes, Series H
Senior Medium-Term Notes, Series I

May 26, 2022